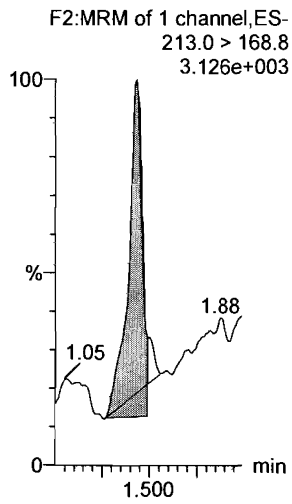
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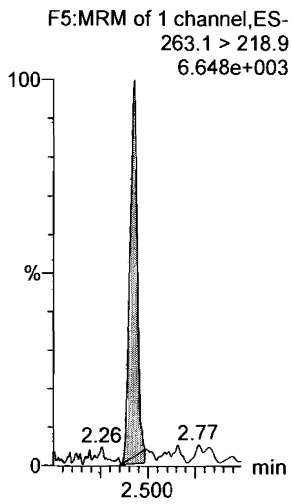
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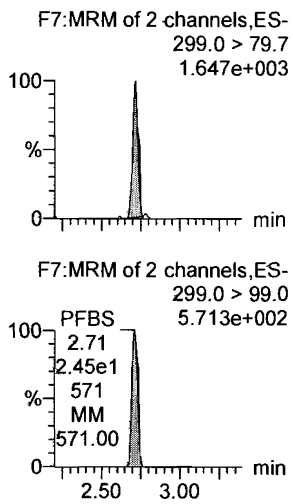
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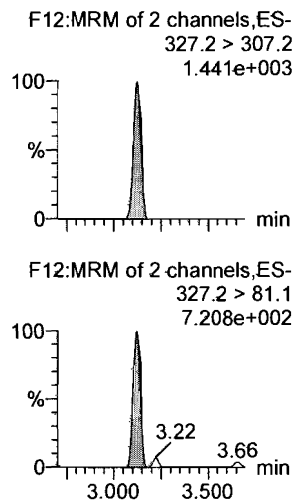
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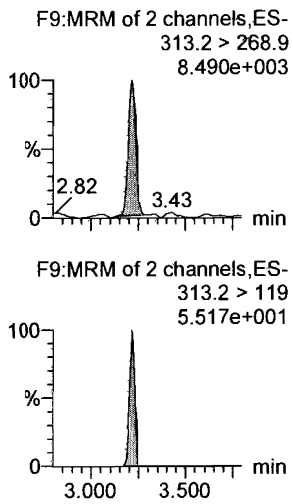
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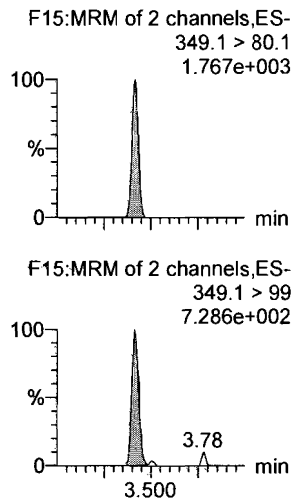
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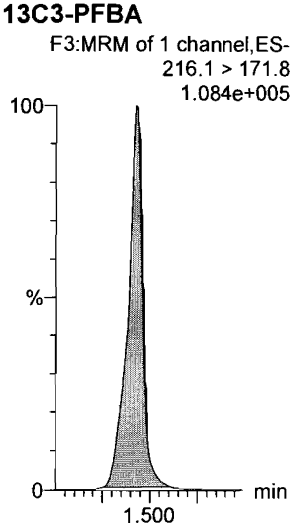
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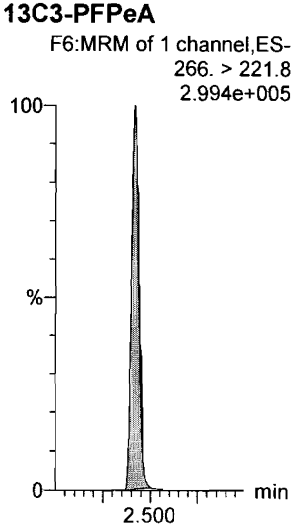
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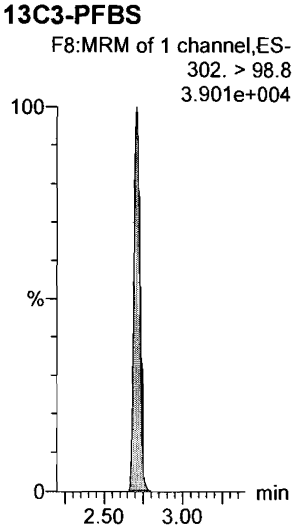
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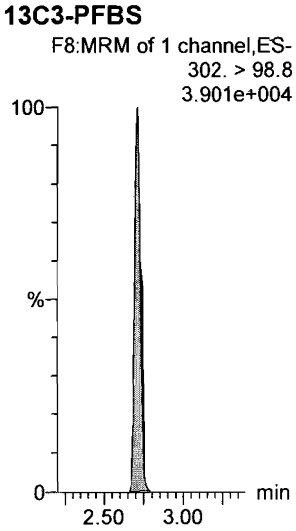
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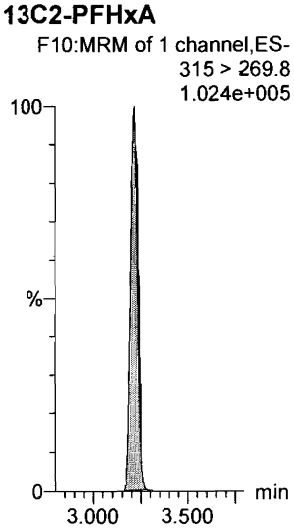
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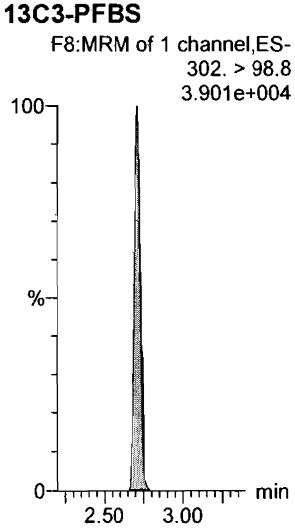
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13C2-PFHxA



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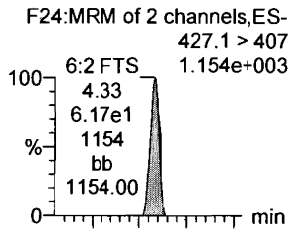


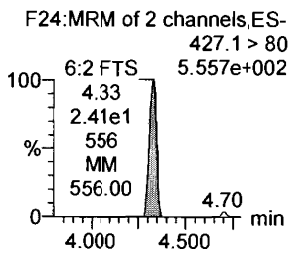
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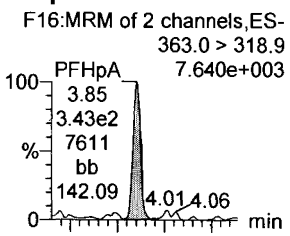
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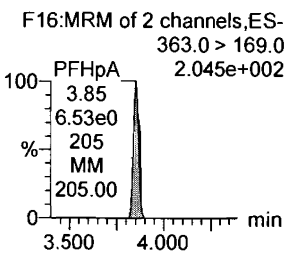
6:2 FTS



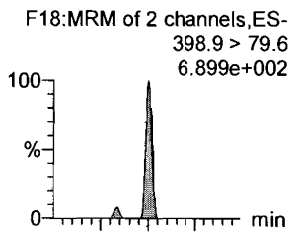


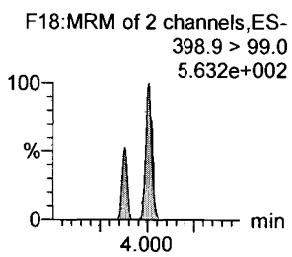
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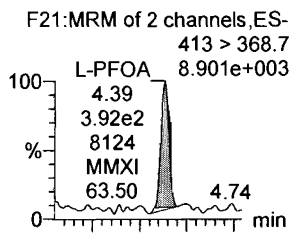


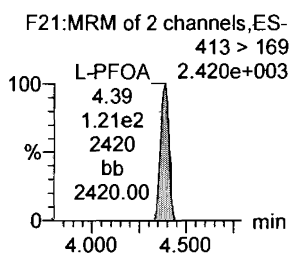
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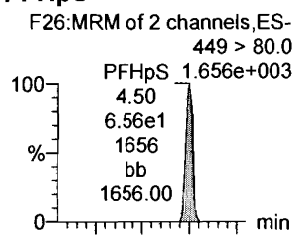


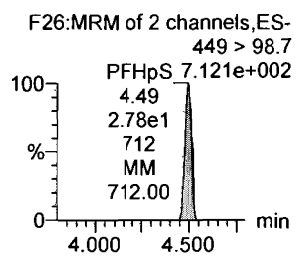
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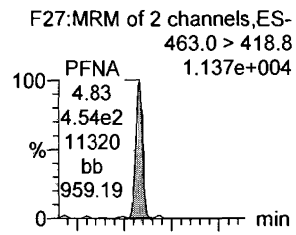


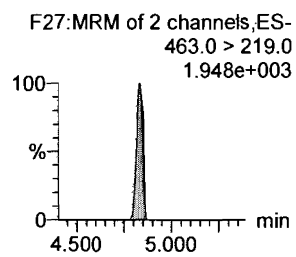
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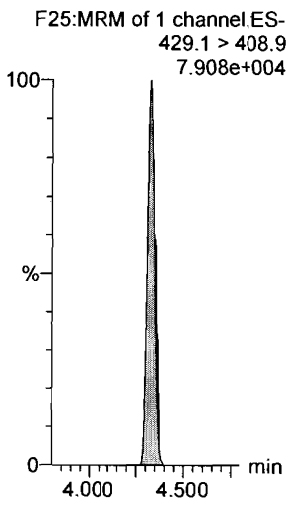


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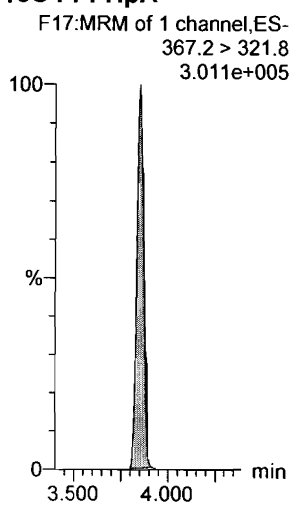




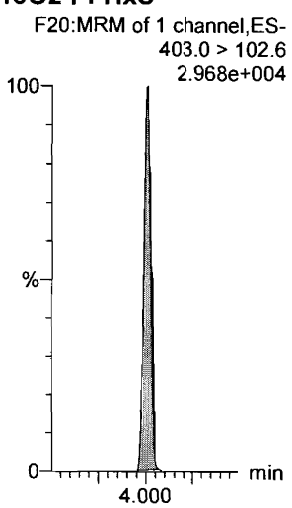
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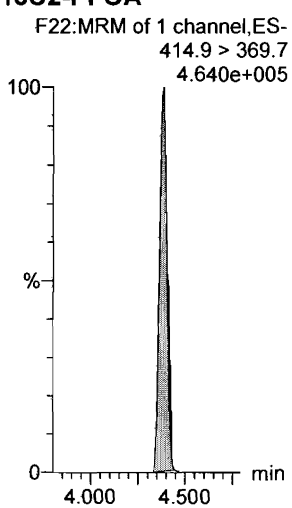
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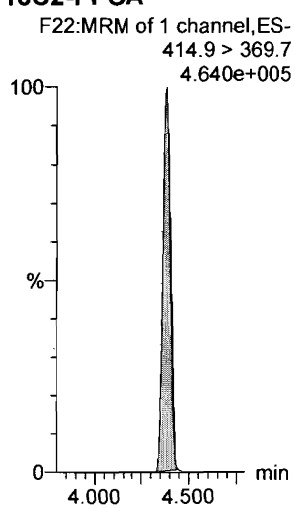
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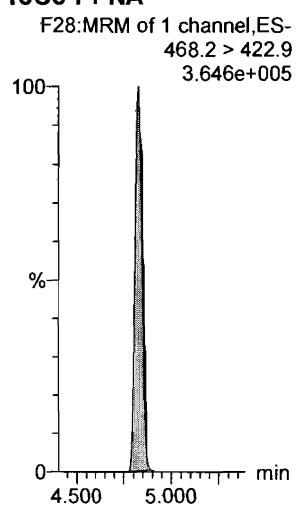
13C2-PFOA



13C2-PFOA



13C5-PFNA

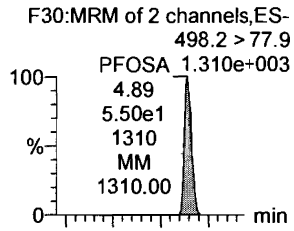


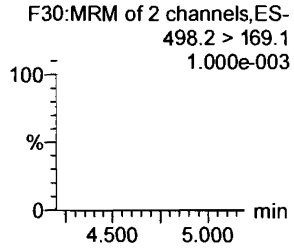
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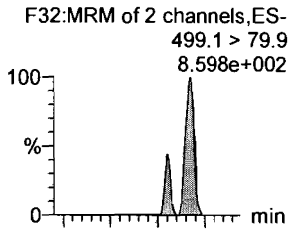
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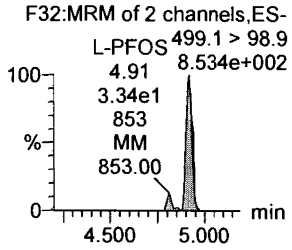
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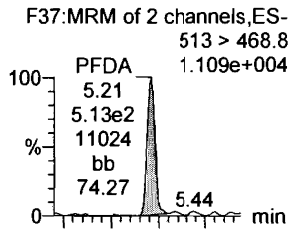


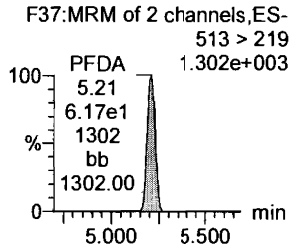
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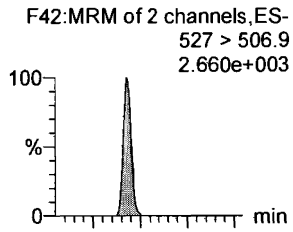


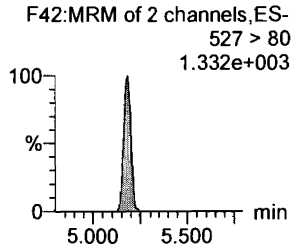
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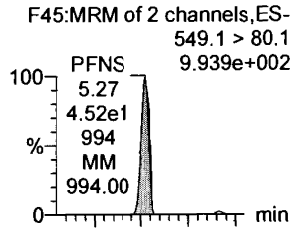


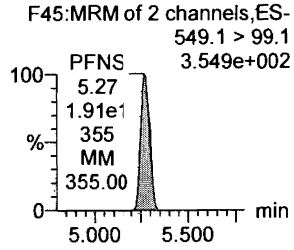
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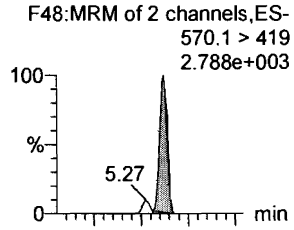


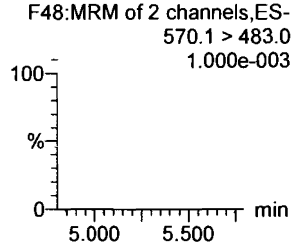
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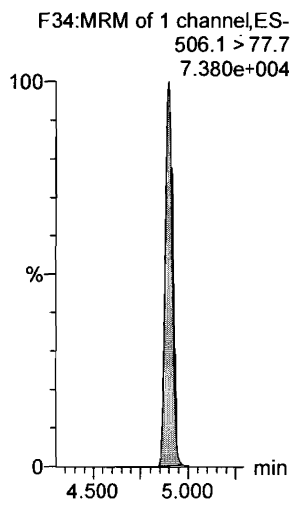


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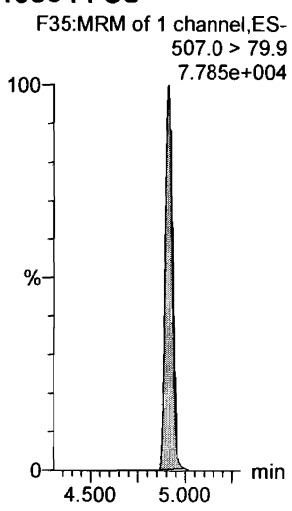




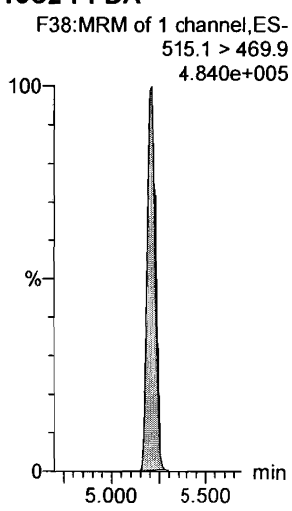
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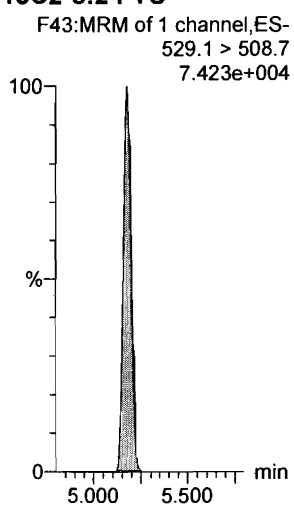
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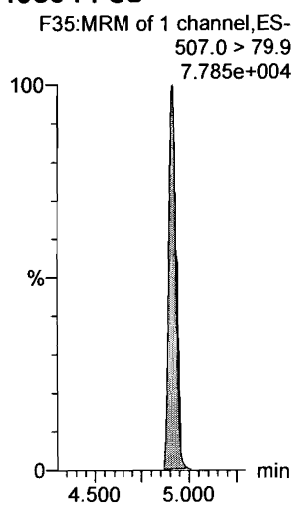
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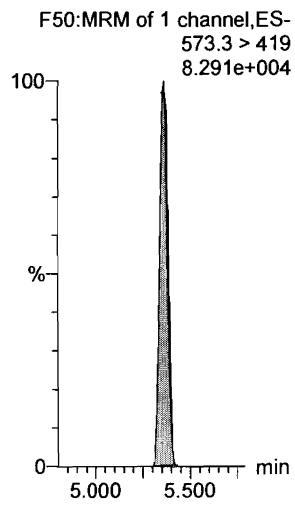
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13C8-PFOS



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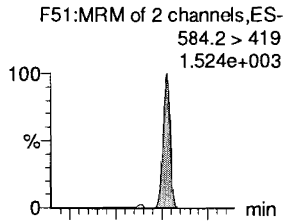


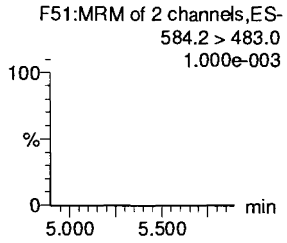
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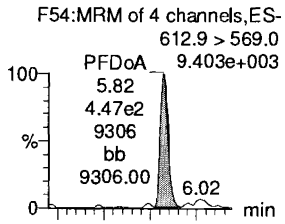
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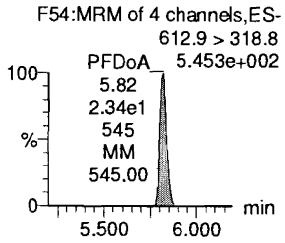
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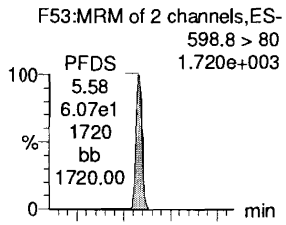


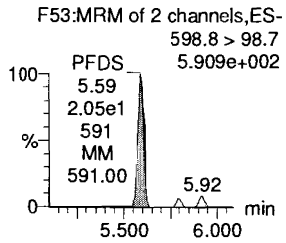
PFDoA



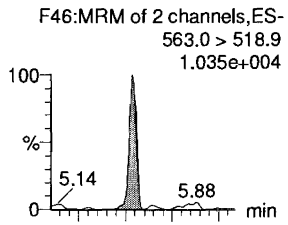


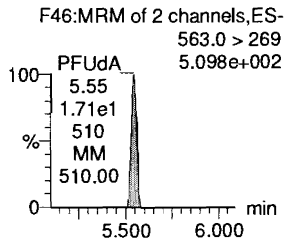
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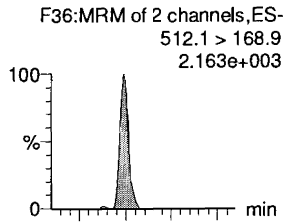


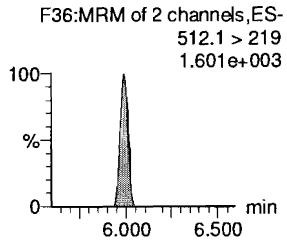
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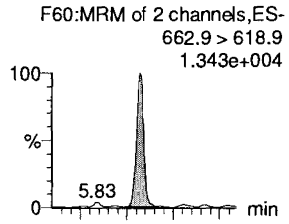


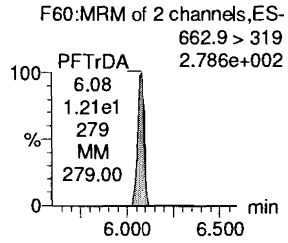
N-MeFOSA



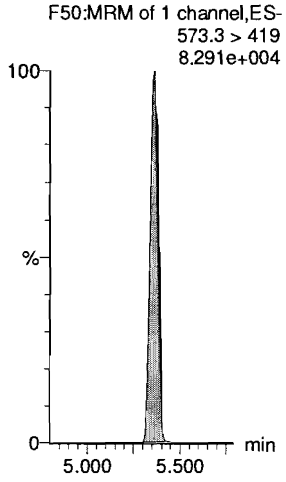


PFTrDA

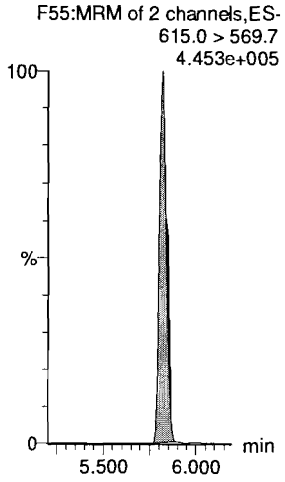




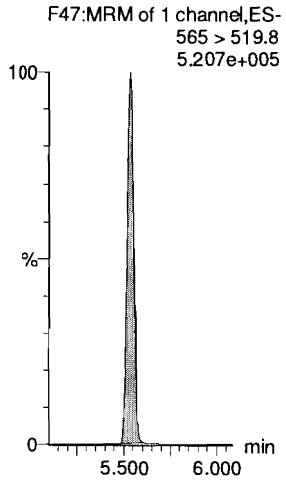
d3-N-MeFOSAA



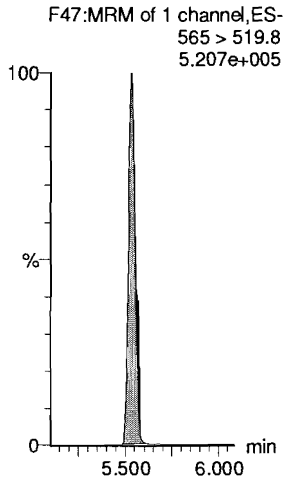
13C2-PFDoA



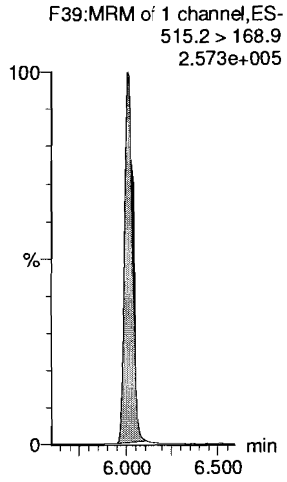
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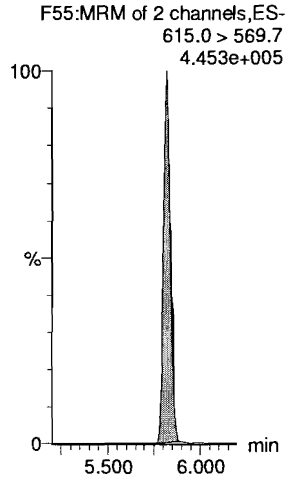
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d3-N-MeFOSA



13C2-PFDoA

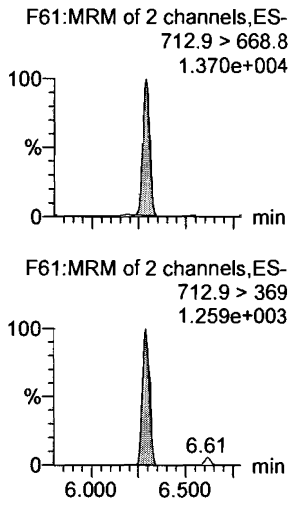


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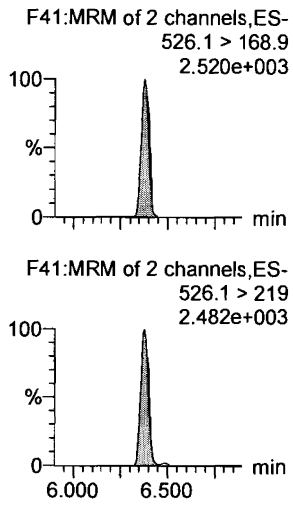
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Name: 180524M1_2, Date: 24-May-2018, Time: 14:07:30, ID: ST180524M1-1 PFC CS-2 18E1402, Description: PFC CS-2 18E1402

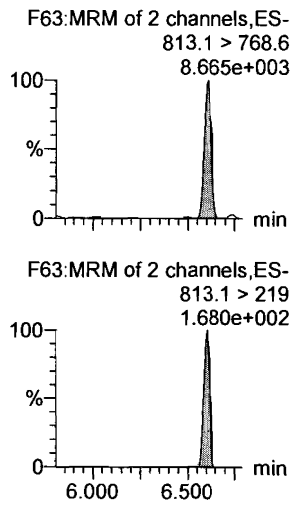
PFTeDA



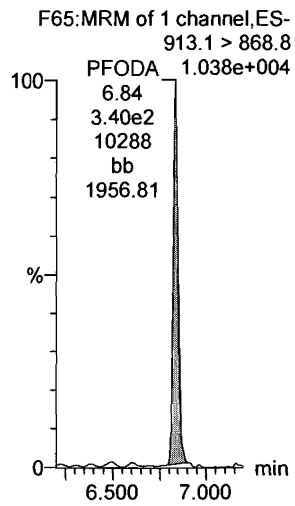
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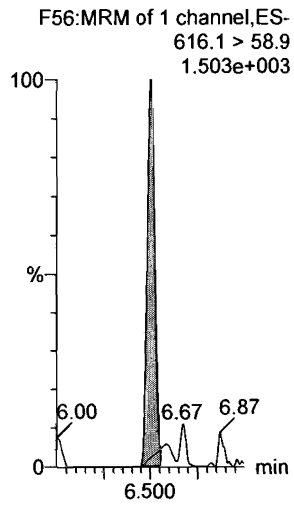
PFHxDA



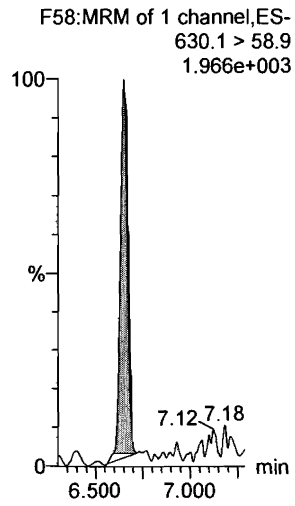
PFODA



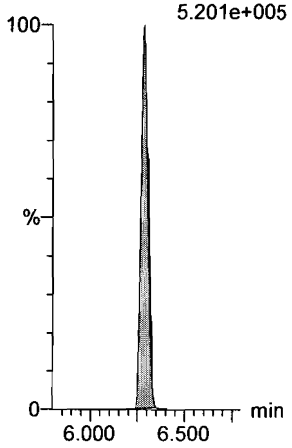
N-MeFOSE



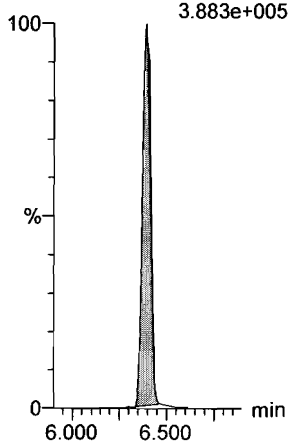
N-EtFOSE



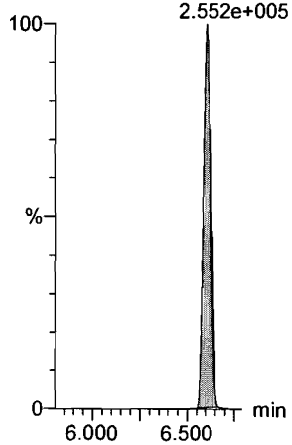
13C2-PFTeDA



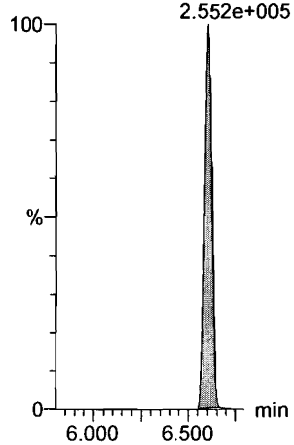
d5-N-ETFOSA



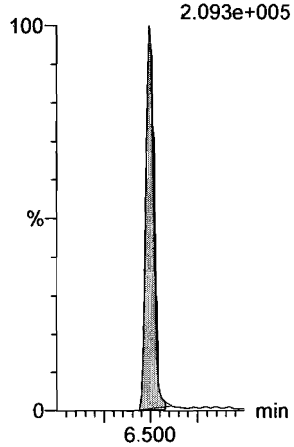
13C2-PFHxDA



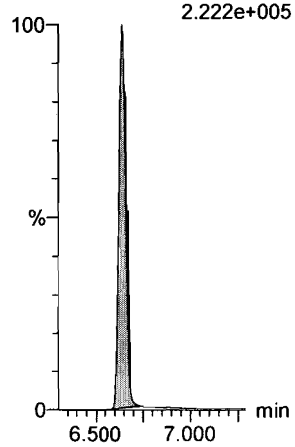
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d7-N-MeFOSE



d9-N-EtFOSE

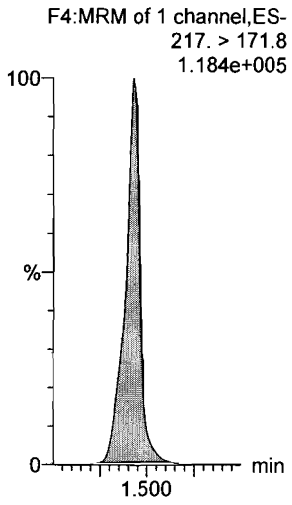


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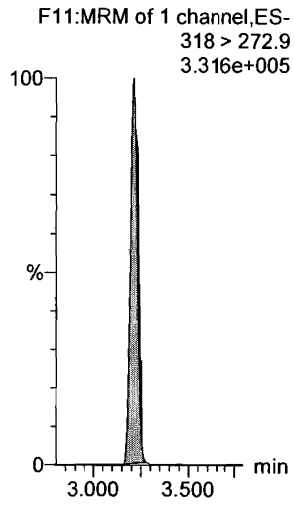
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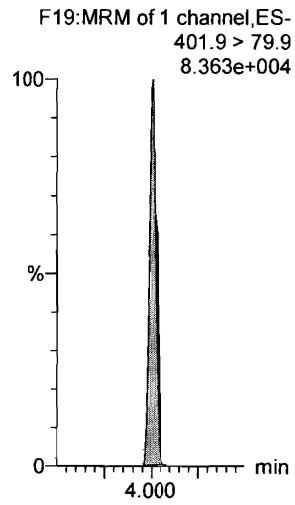
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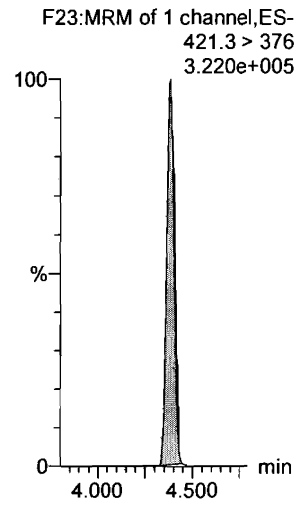
13C5-PFHxA



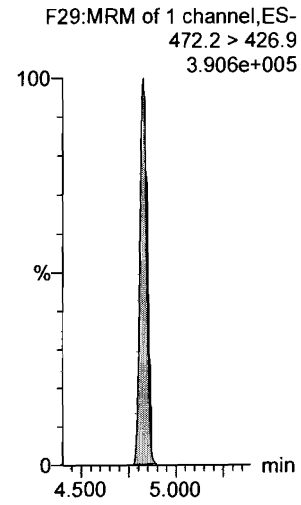
13C3-PFHxS



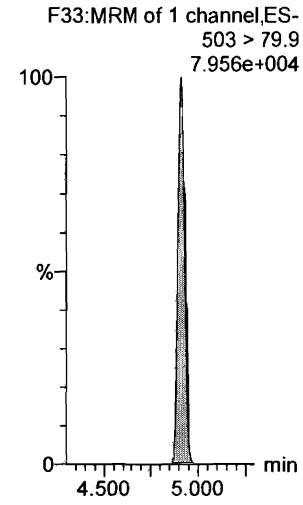
13C8-PFOA



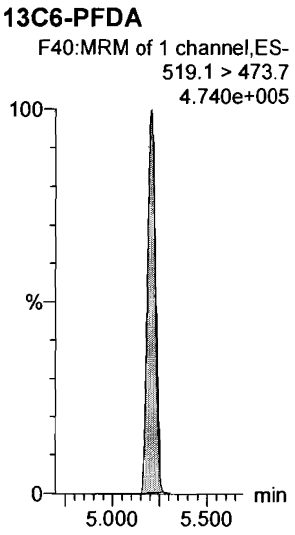
13C9-PFNA



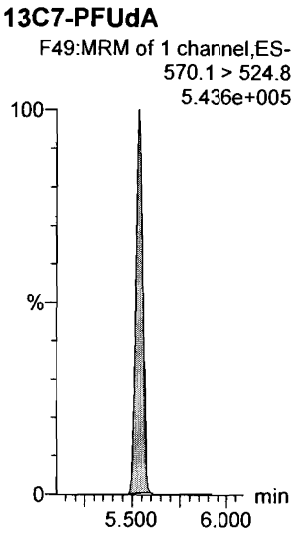
13C4-PFOS



13C6-PFDA



13C7-PFUdA

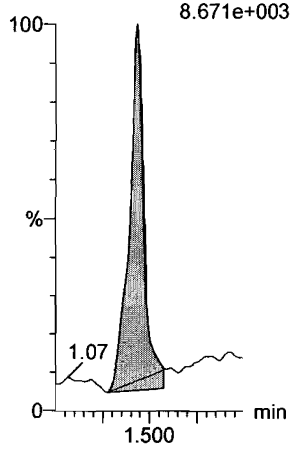


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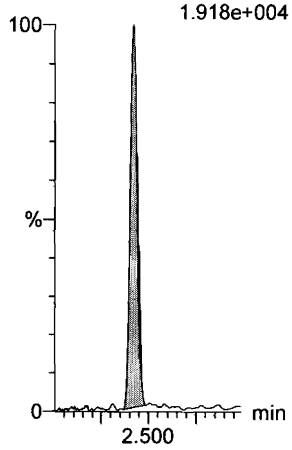
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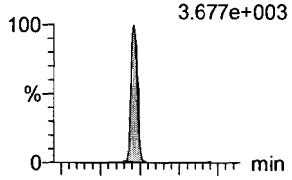
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
8.671e+003



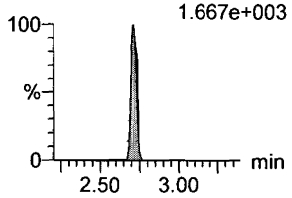
PFPeA
F5:MRM of 1 channel,ES-
263.1 > 218.9
1.918e+004



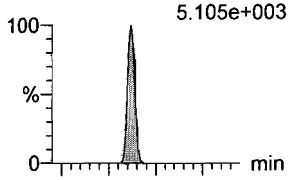
PFBS
F7:MRM of 2 channels,ES-
299.0 > 79.7
3.677e+003



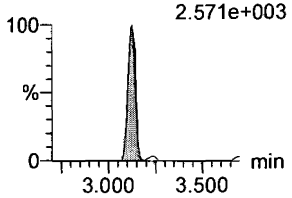
F7:MRM of 2 channels,ES-
299.0 > 99.0
1.667e+003



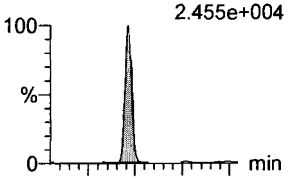
4:2 FTS
F12:MRM of 2 channels,ES-
327.2 > 307.2
5.105e+003



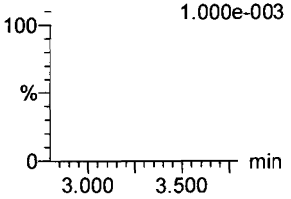
F12:MRM of 2 channels,ES-
327.2 > 81.1
2.571e+003



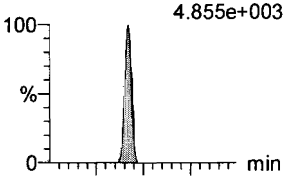
PFHxA
F9:MRM of 2 channels,ES-
313.2 > 268.9
2.455e+004



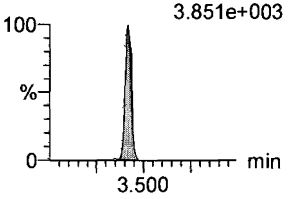
F9:MRM of 2 channels,ES-
313.2 > 119
1.000e-003



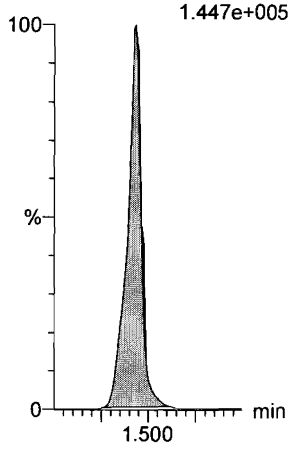
PFPeS
F15:MRM of 2 channels,ES-
349.1 > 80.1
4.855e+003



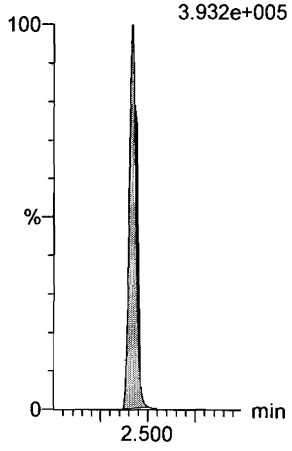
F15:MRM of 2 channels,ES-
349.1 > 99
3.851e+003



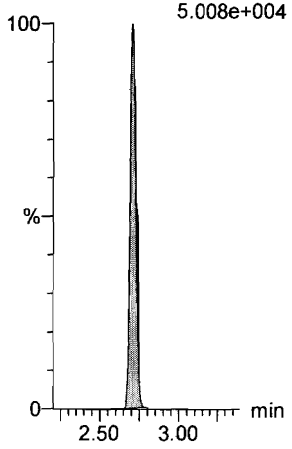
13C3-PFBA
F3:MRM of 1 channel,ES-
216.1 > 171.8
1.447e+005



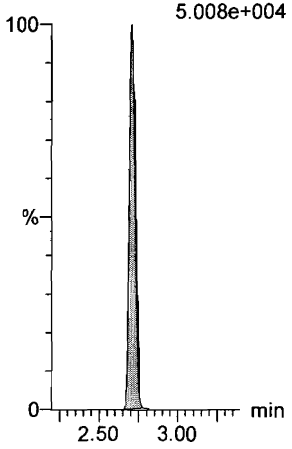
13C3-PFPeA
F6:MRM of 1 channel,ES-
266. > 221.8
3.932e+005



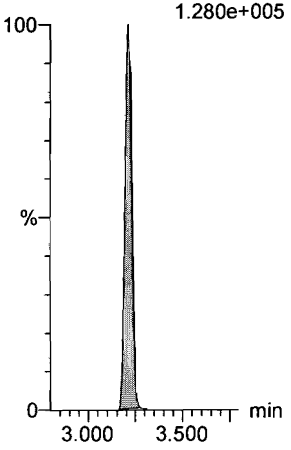
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
5.008e+004



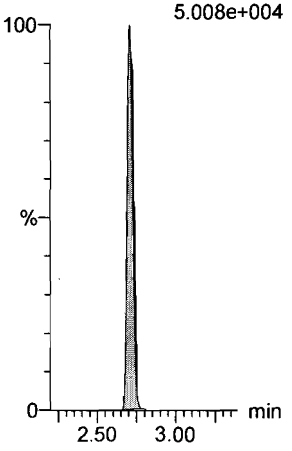
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
5.008e+004



13C2-PFHxA
F10:MRM of 1 channel,ES-
315 > 269.8
1.280e+005



13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
5.008e+004

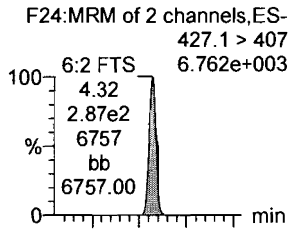


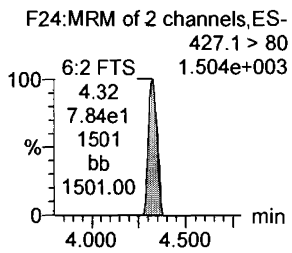
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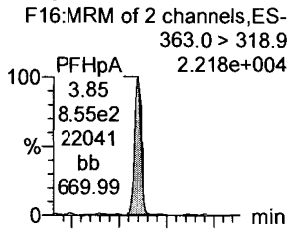
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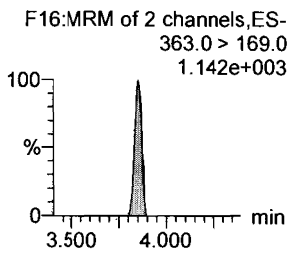
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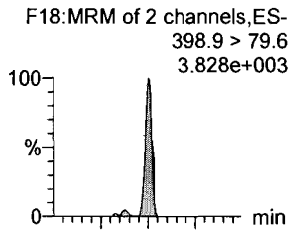


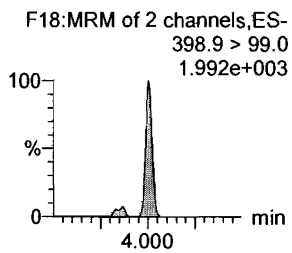
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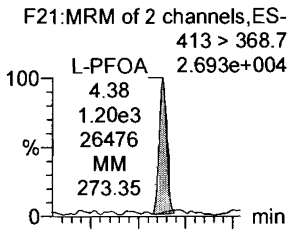


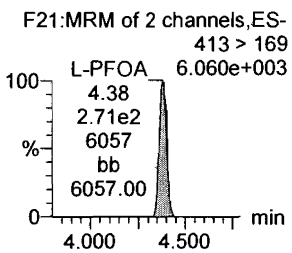
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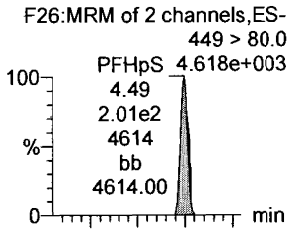


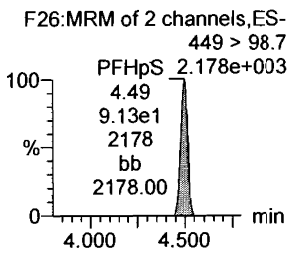
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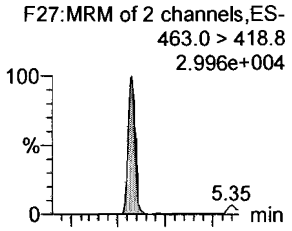


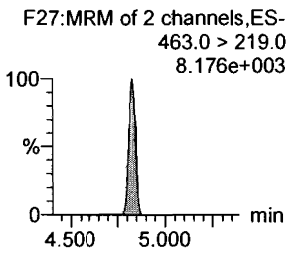
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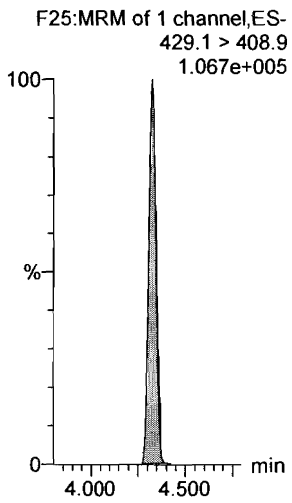


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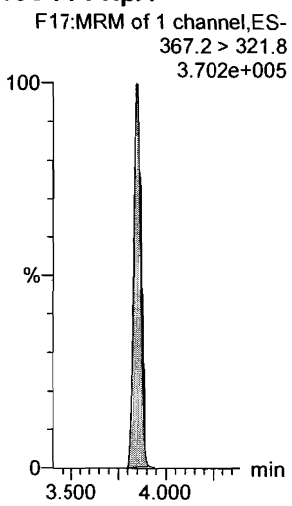




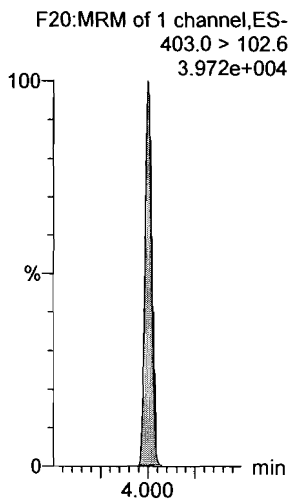
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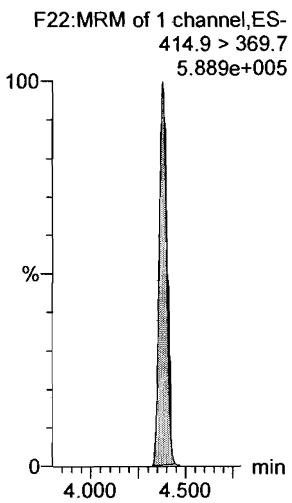
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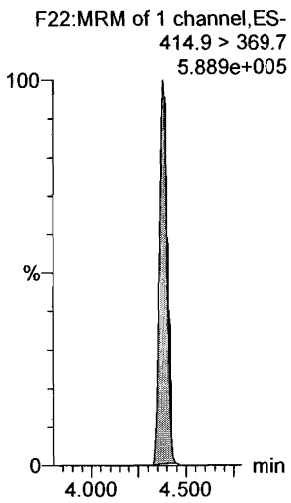
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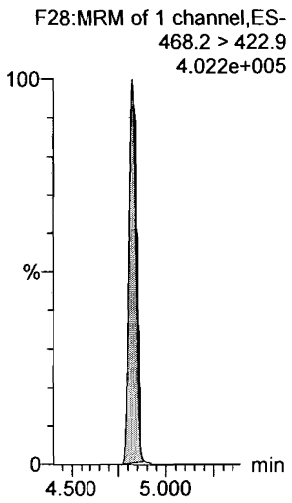
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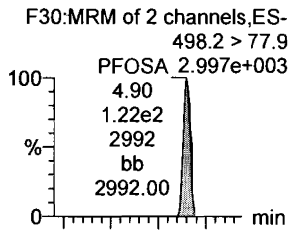


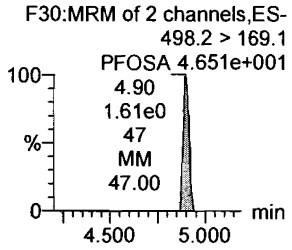
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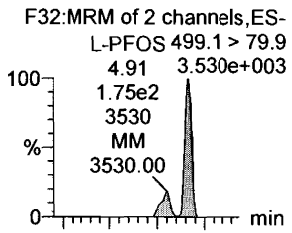
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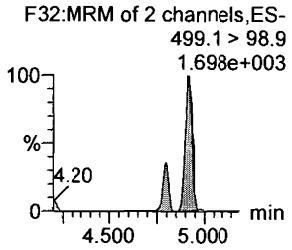
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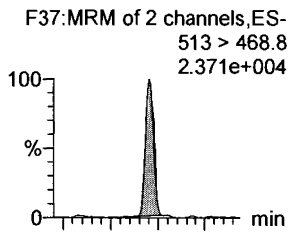


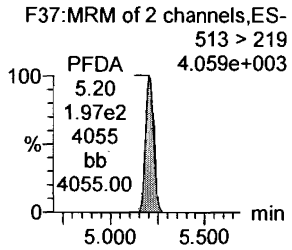
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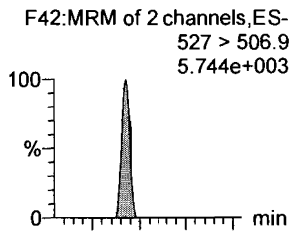


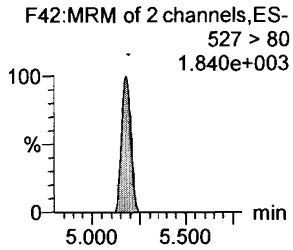
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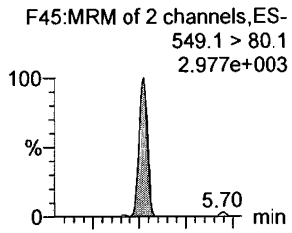


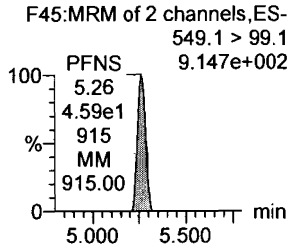
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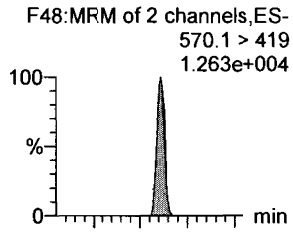


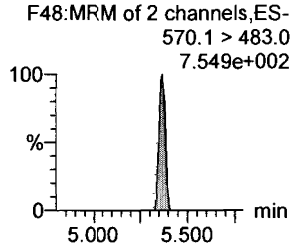
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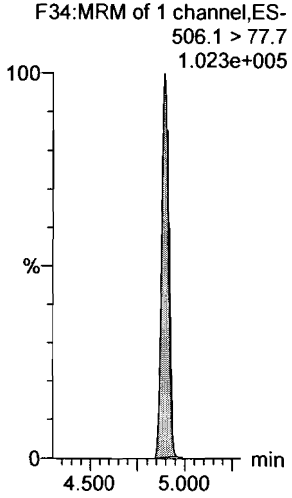


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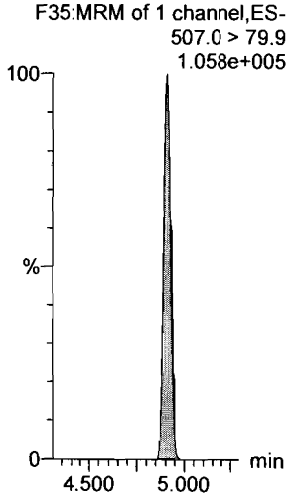




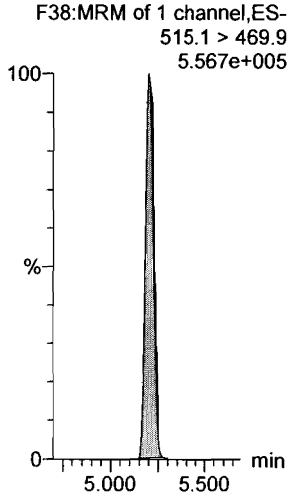
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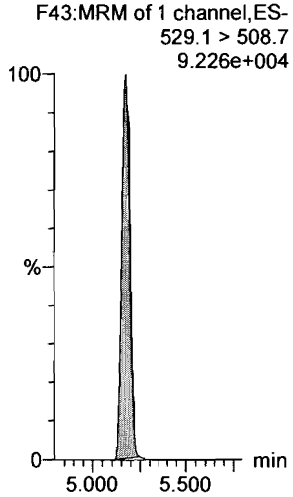
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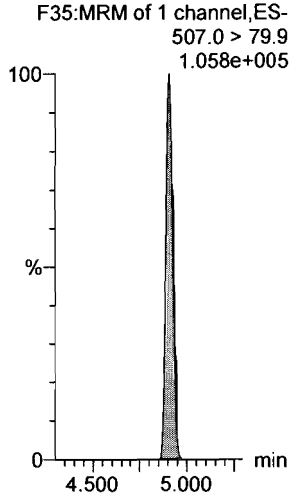
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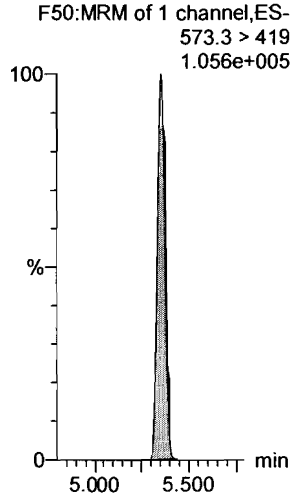
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13C8-PFOS



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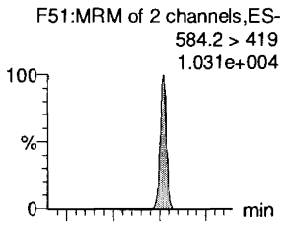


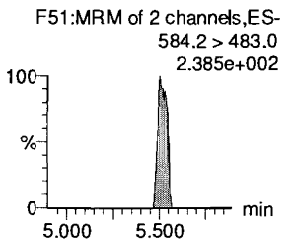
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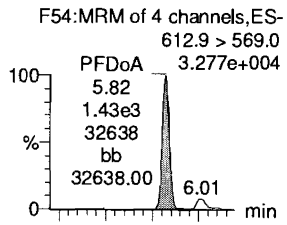
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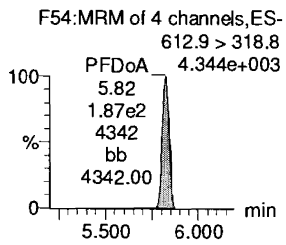
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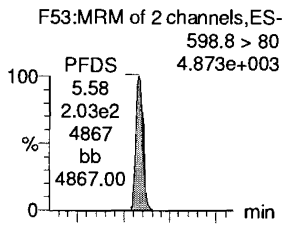


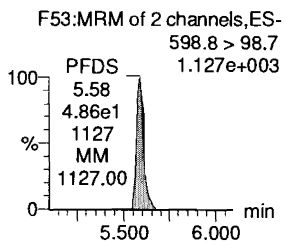
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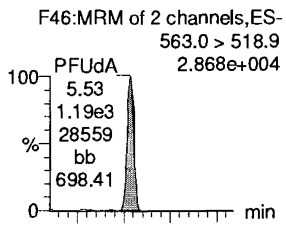


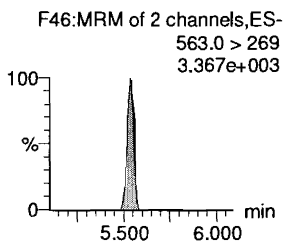
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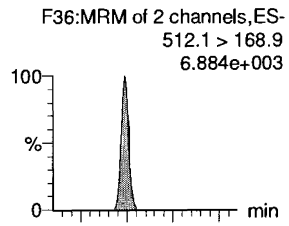


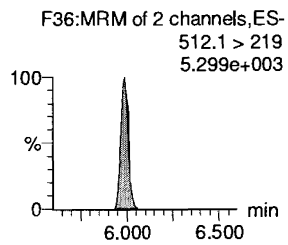
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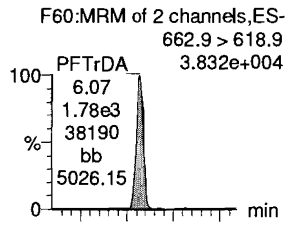


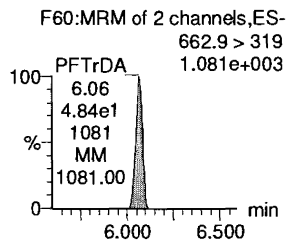
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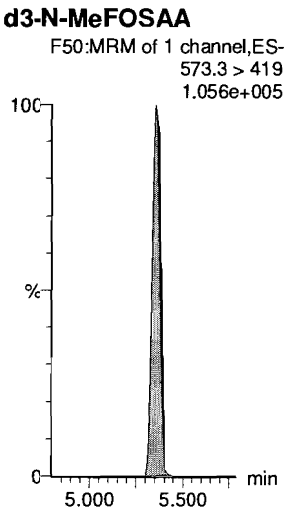


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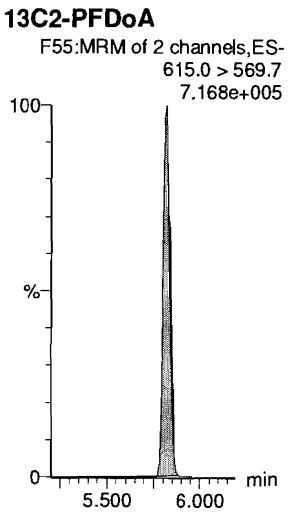




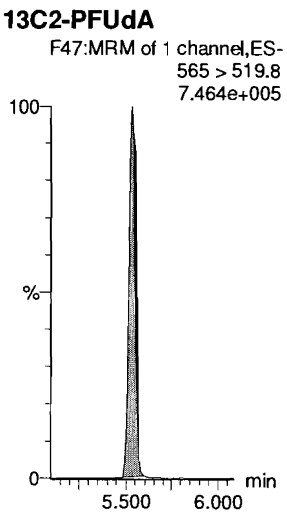
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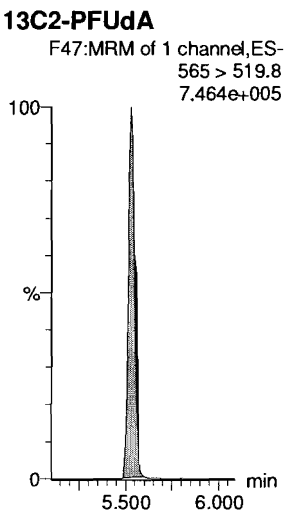
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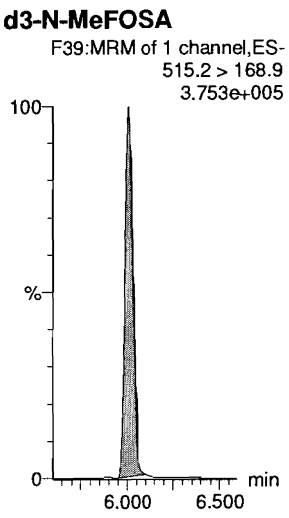
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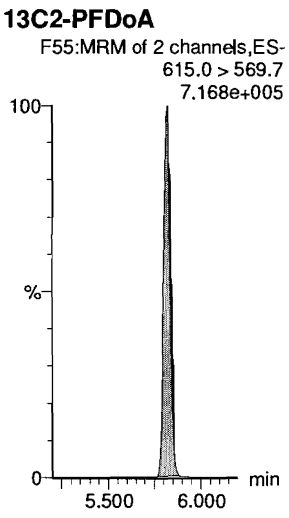
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d3-N-MeFOSA



13C2-PFDoA

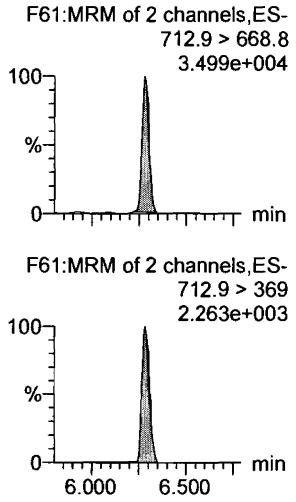


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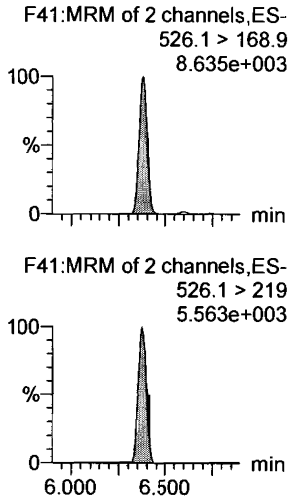
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Name: 180524M1_3, Date: 24-May-2018, Time: 14:18:01, ID: ST180524M1-2 PFC CS-1 18E1403, Description: PFC CS-1 18E1403

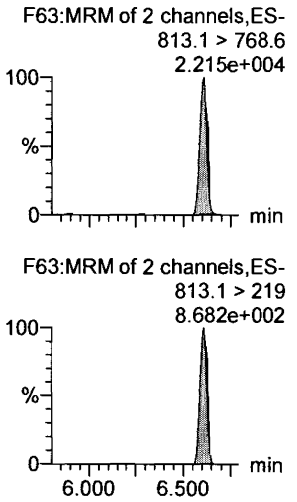
PFTeDA



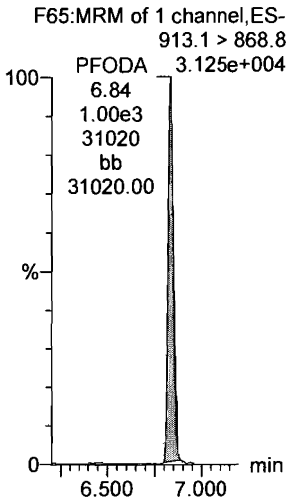
N-EtFOSA



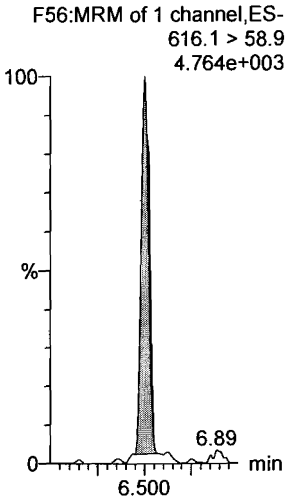
PFHxDA



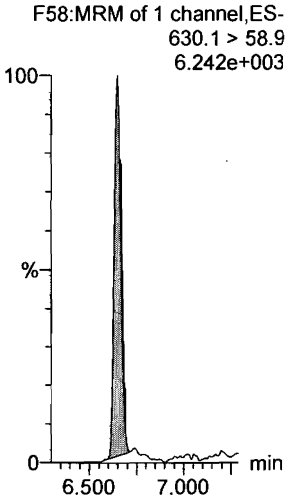
PFODA



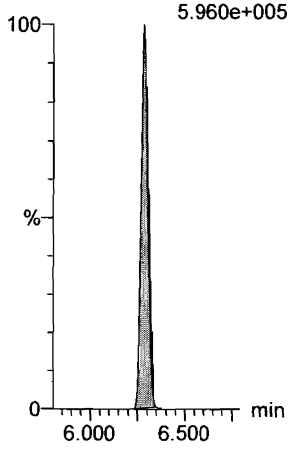
N-MeFOSE



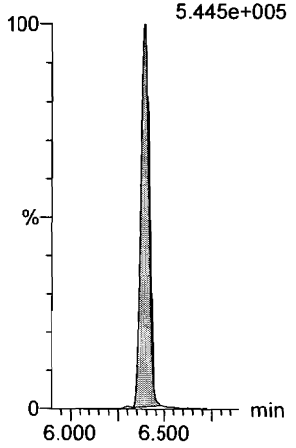
N-EtFOSE



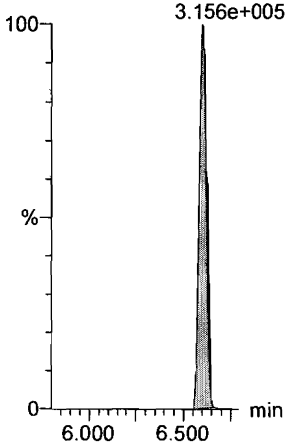
13C2-PFTeDA



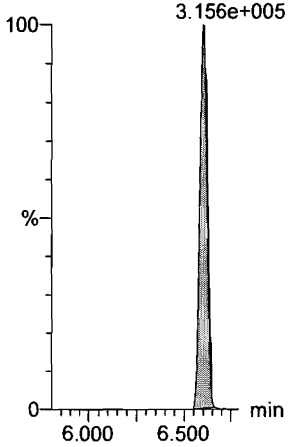
d5-N-ETFOSA



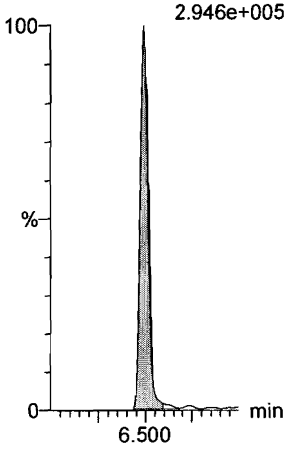
13C2-PFHxDA



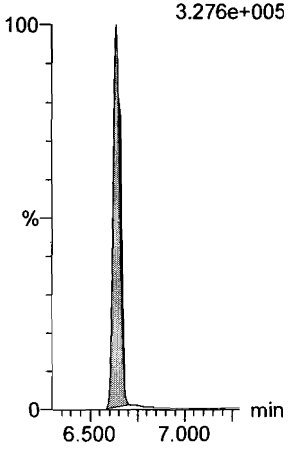
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE

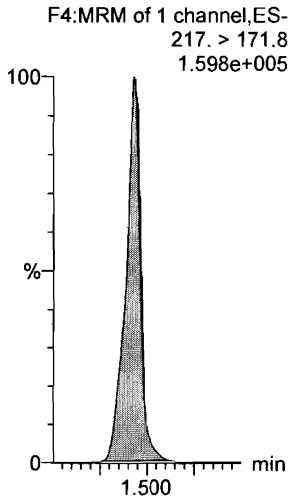


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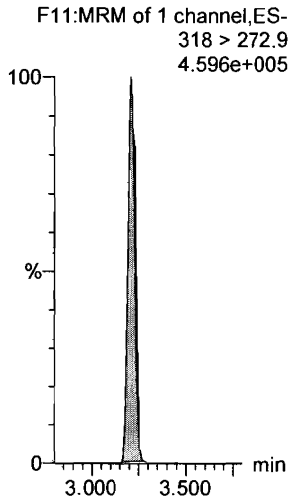
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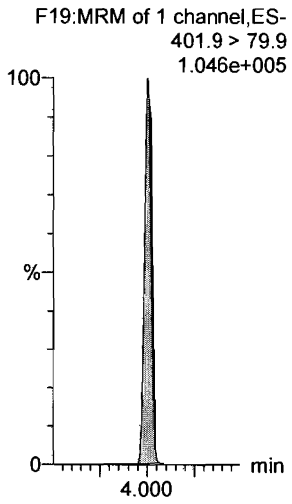
13C4-PFBA



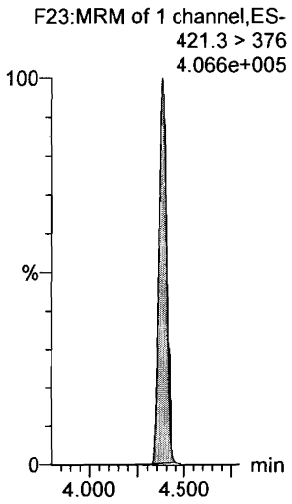
13C5-PFHxA



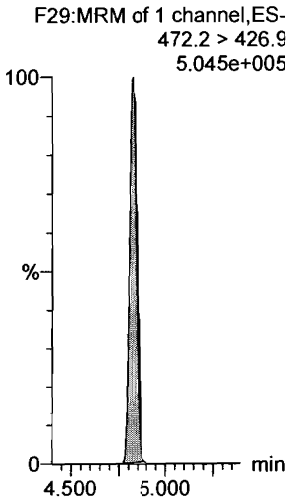
13C3-PFHxS



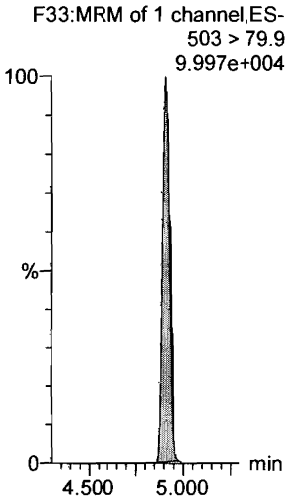
13C8-PFOA



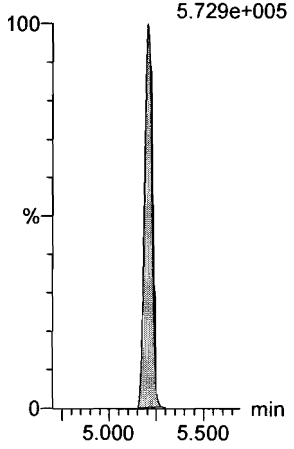
13C9-PFNA



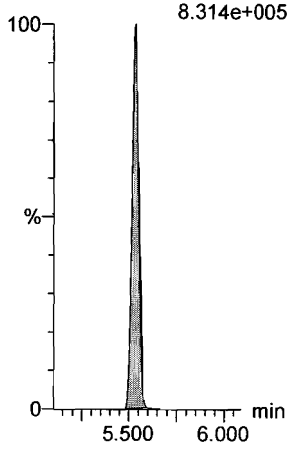
13C4-PFOS



13C6-PFDA



13C7-PFUdA

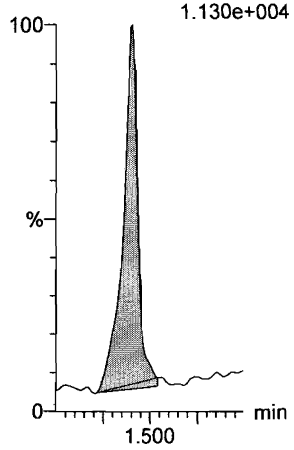


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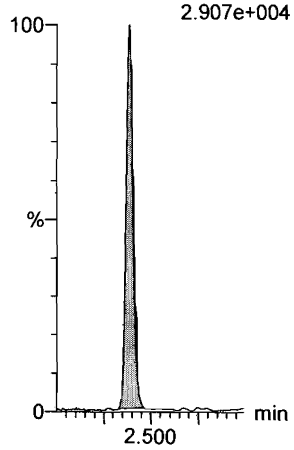
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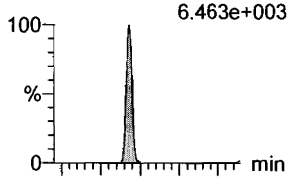
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
1.130e+004



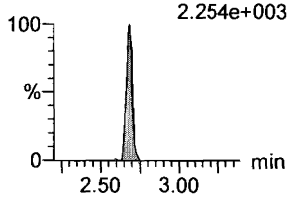
PFPeA
F5:MRM of 1 channel,ES-
263.1 > 218.9
2.907e+004



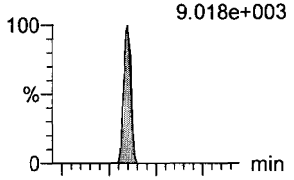
PFBS
F7:MRM of 2 channels,ES-
299.0 > 79.7
6.463e+003



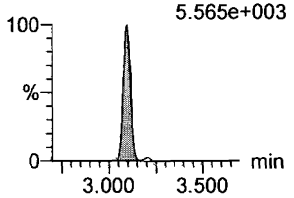
F7:MRM of 2 channels,ES-
299.0 > 99.0
2.254e+003



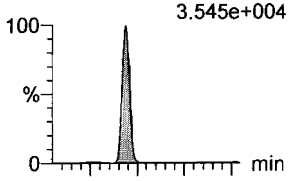
4:2 FTS
F12:MRM of 2 channels,ES-
327.2 > 307.2
9.018e+003



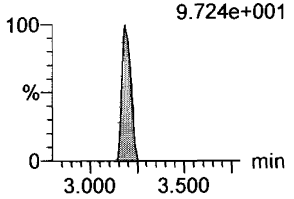
F12:MRM of 2 channels,ES-
327.2 > 81.1
5.565e+003



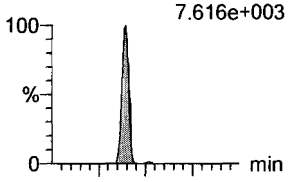
PFHxA
F9:MRM of 2 channels,ES-
313.2 > 268.9
3.545e+004



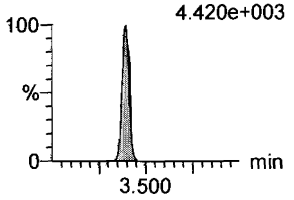
F9:MRM of 2 channels,ES-
313.2 > 119
9.724e+001



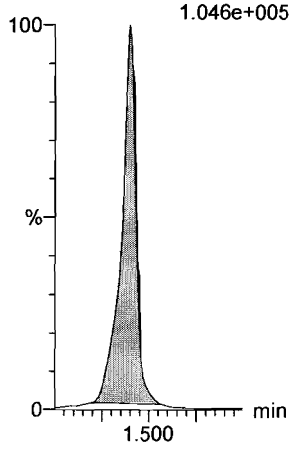
PFPeS
F15:MRM of 2 channels,ES-
349.1 > 80.1
7.616e+003



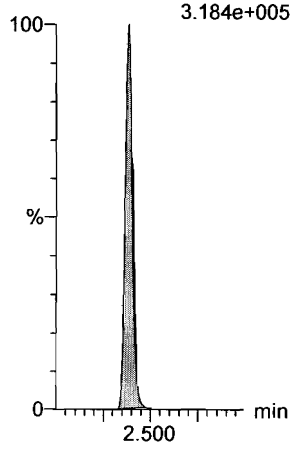
F15:MRM of 2 channels,ES-
349.1 > 99
4.420e+003



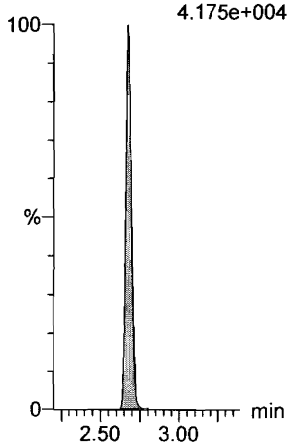
13C3-PFBA
F3:MRM of 1 channel,ES-
216.1 > 171.8
1.046e+005



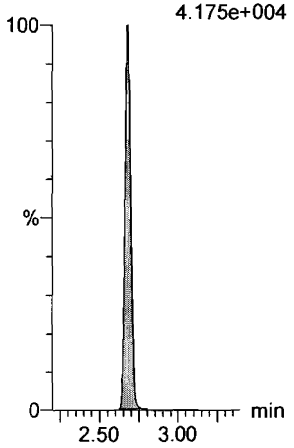
13C3-PFPeA
F6:MRM of 1 channel,ES-
266. > 221.8
3.184e+005



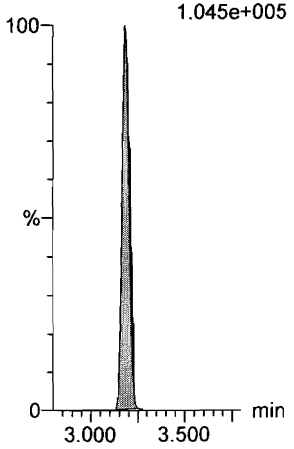
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
4.175e+004



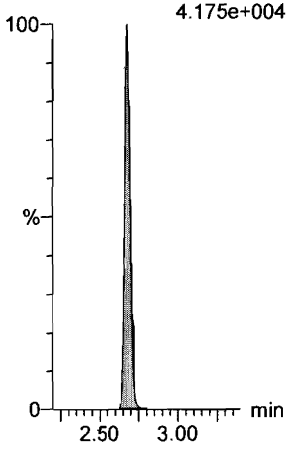
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
4.175e+004



13C2-PFHxA
F10:MRM of 1 channel,ES-
315 > 269.8
1.045e+005



13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
4.175e+004

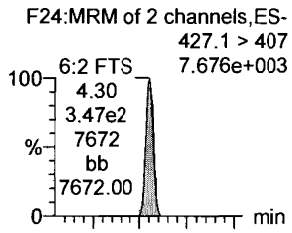


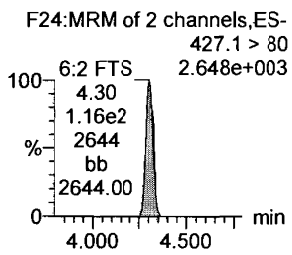
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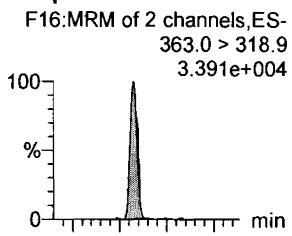
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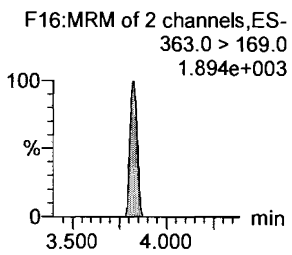
6:2 FTS



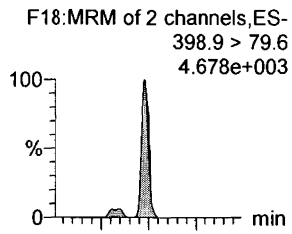


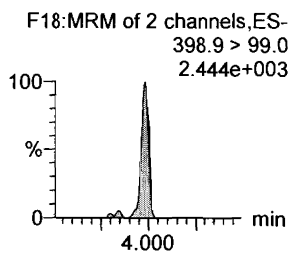
PFHpA



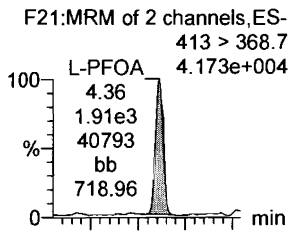


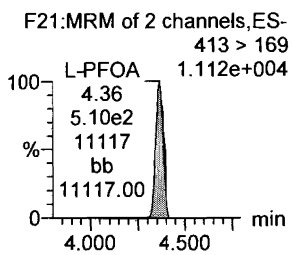
L-PFHxS



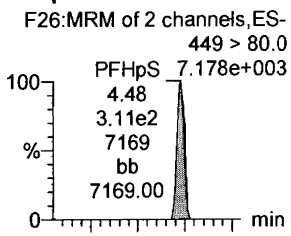


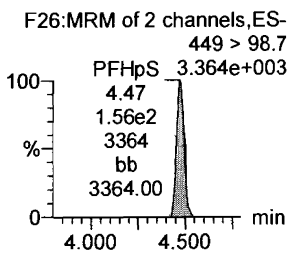
L-PFOA



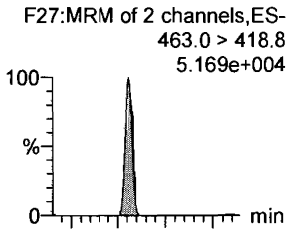


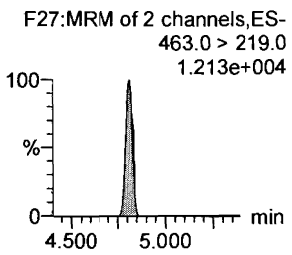
PFHpS



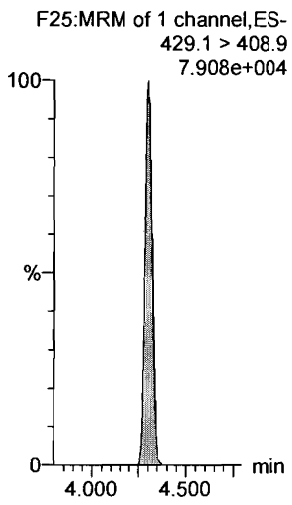


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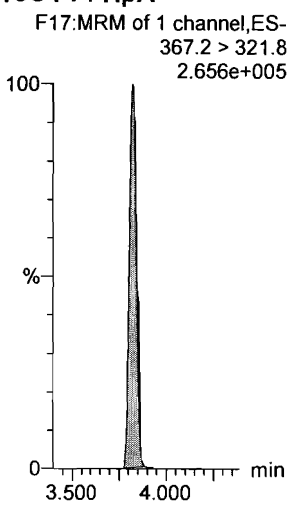




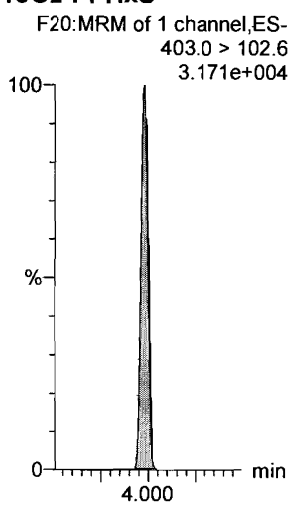
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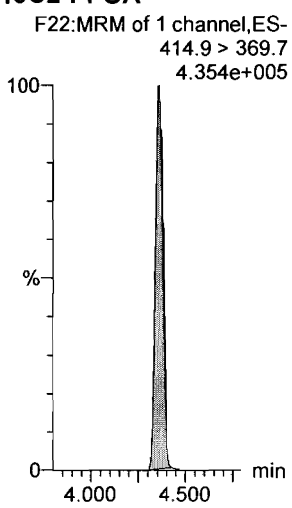
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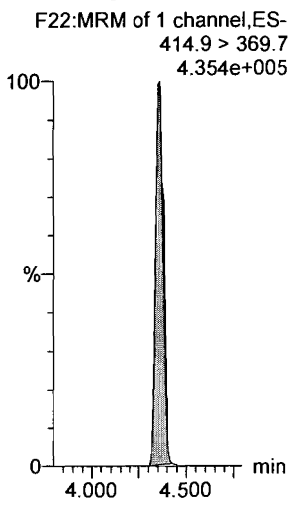
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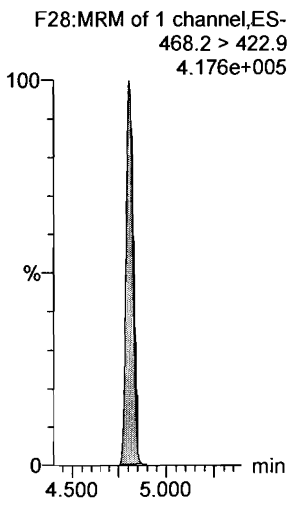
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13C2-PFOA



13C5-PFNA

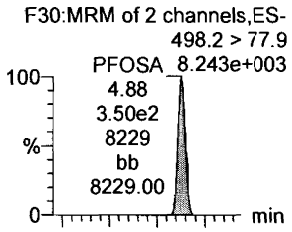


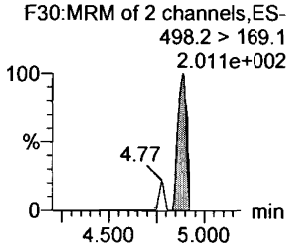
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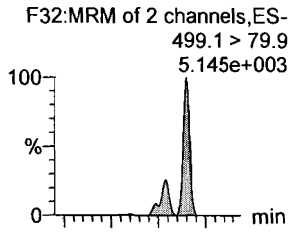
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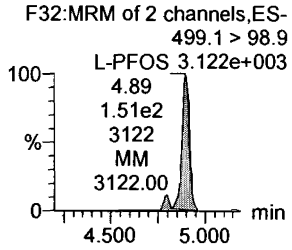
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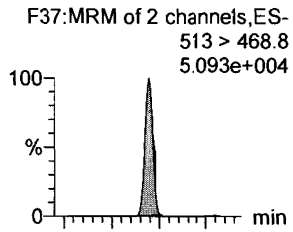


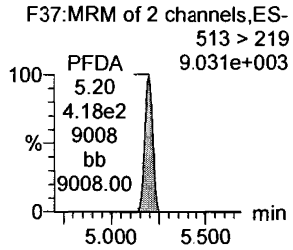
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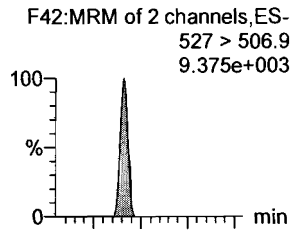


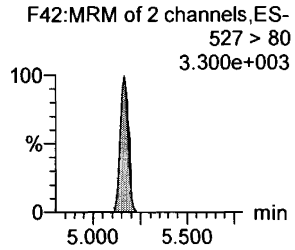
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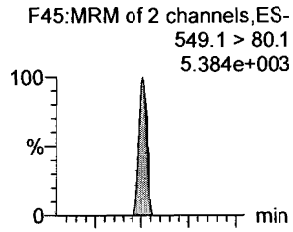


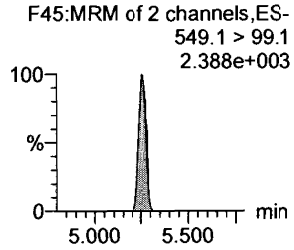
8:2 FTS



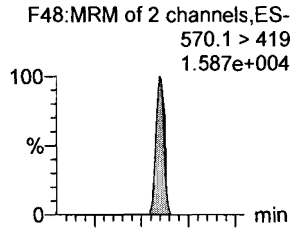


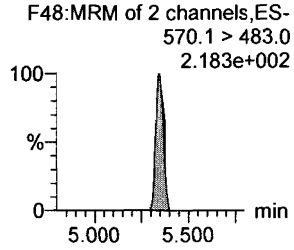
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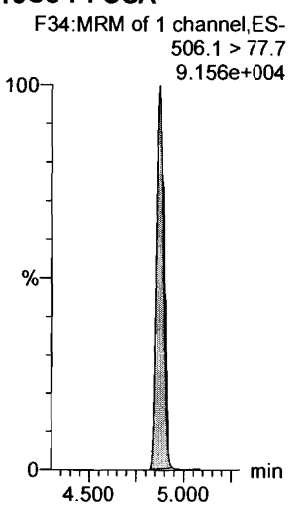


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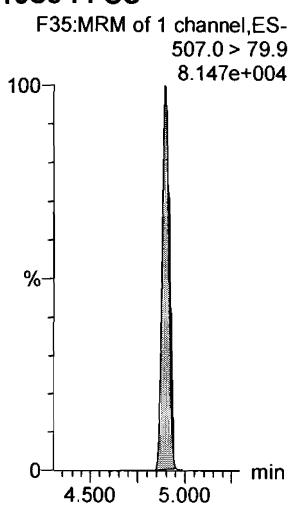




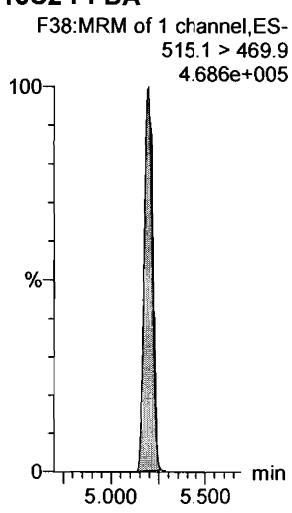
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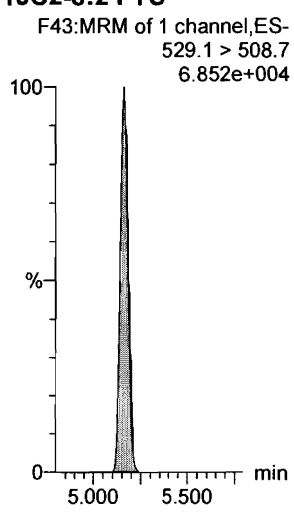
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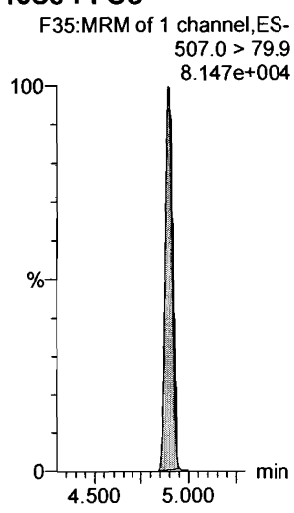
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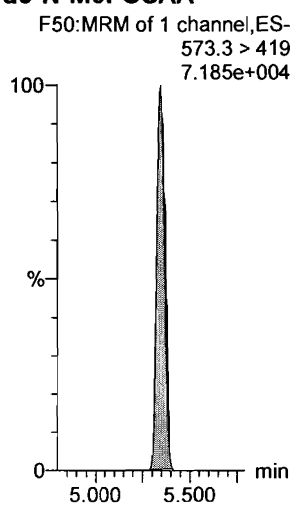
13C2-8:2 FTS



13C8-PFOS



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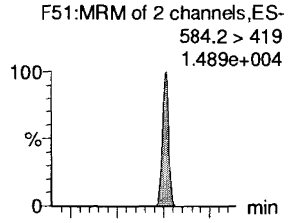


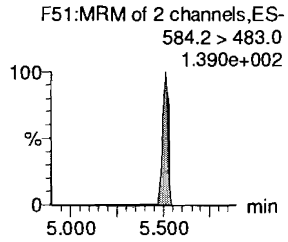
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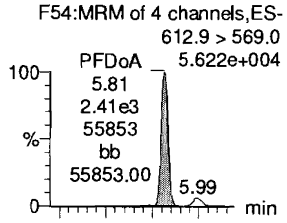
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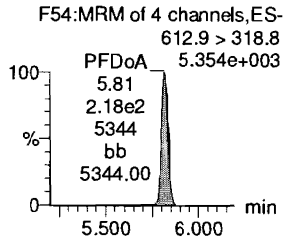
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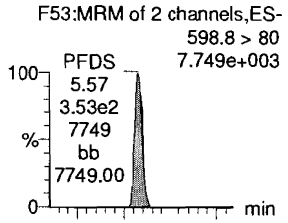


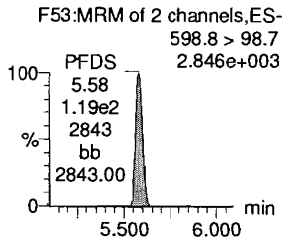
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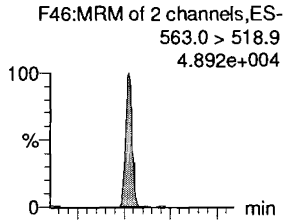


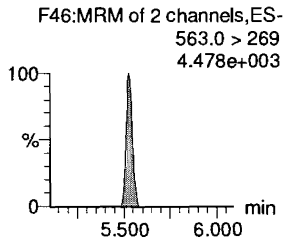
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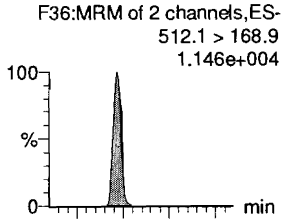


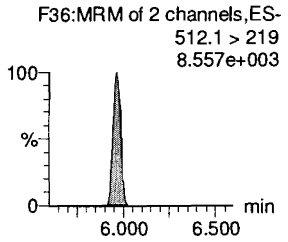
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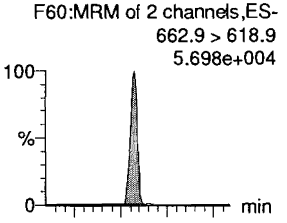


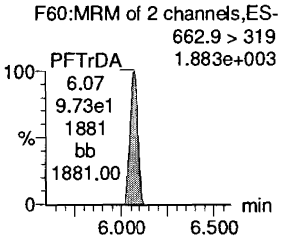
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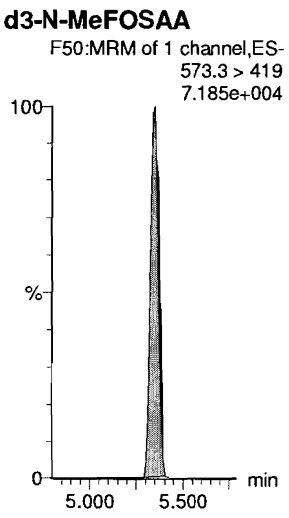


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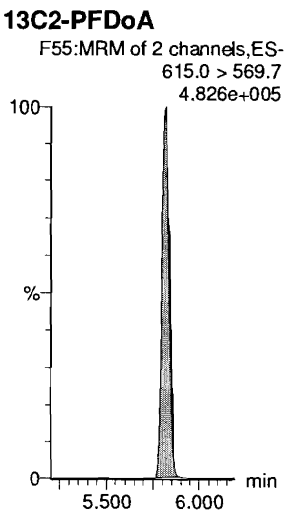




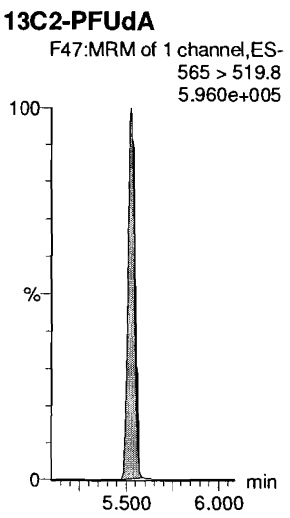
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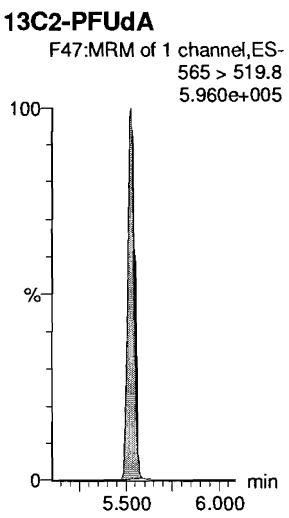
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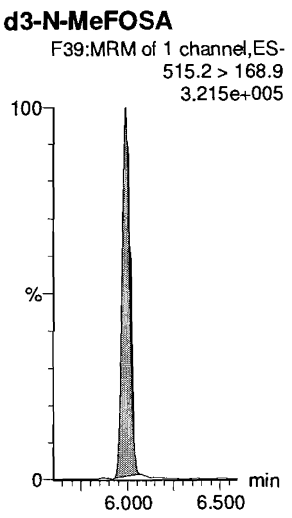
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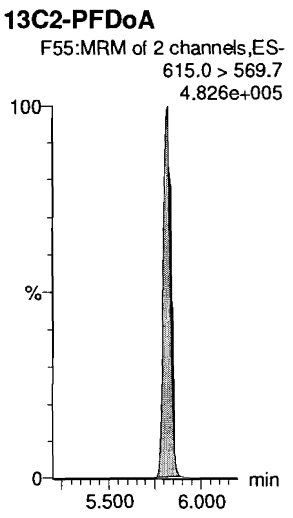
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13C2-PFDoA

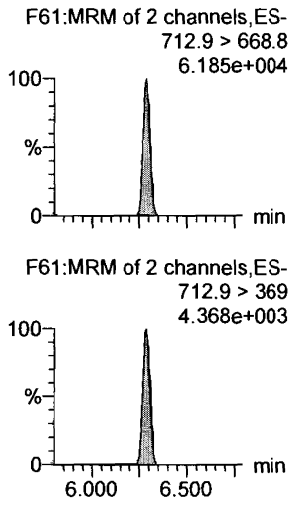


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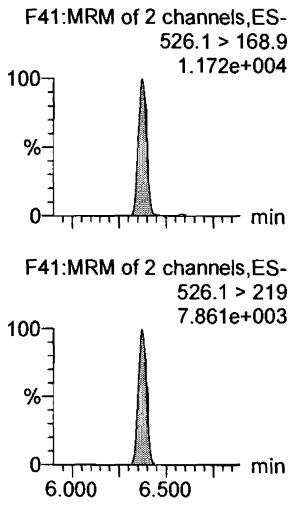
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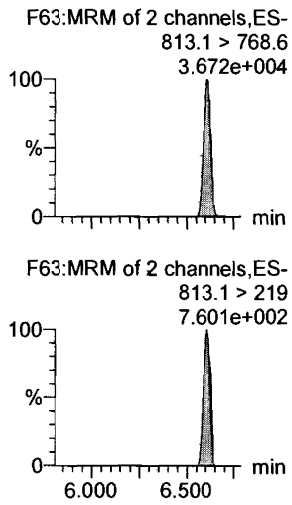
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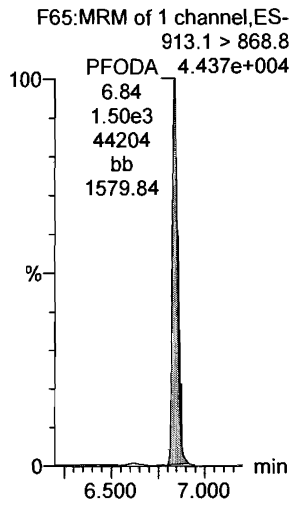
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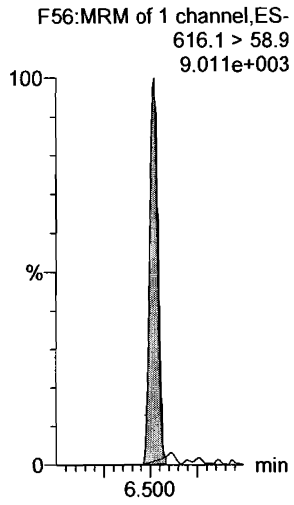
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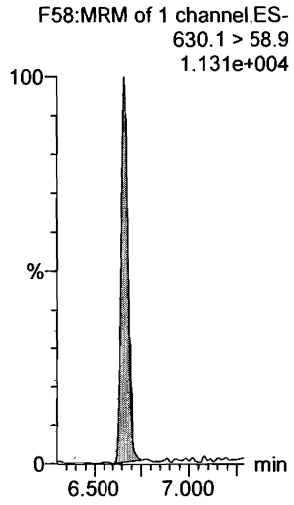
PFODA



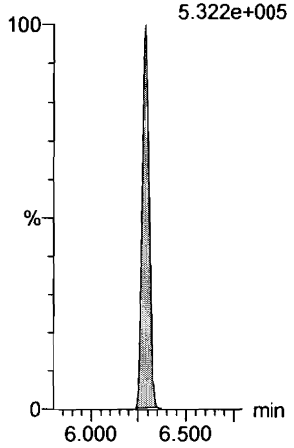
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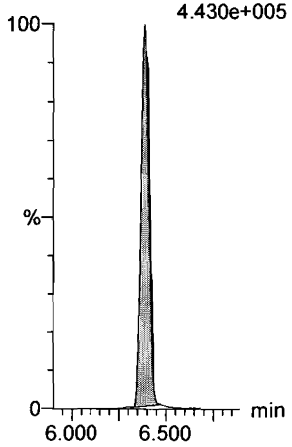
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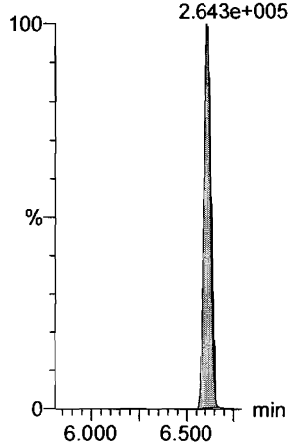
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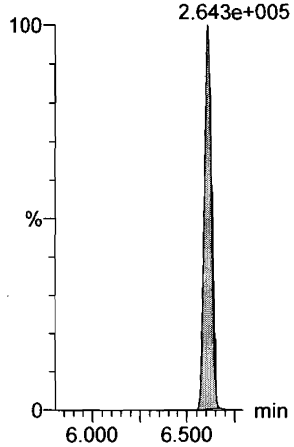
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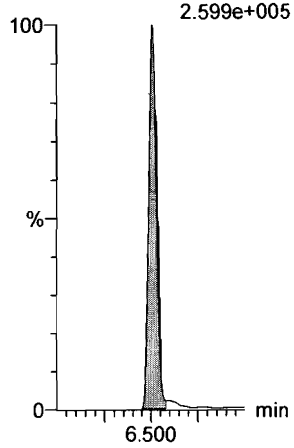
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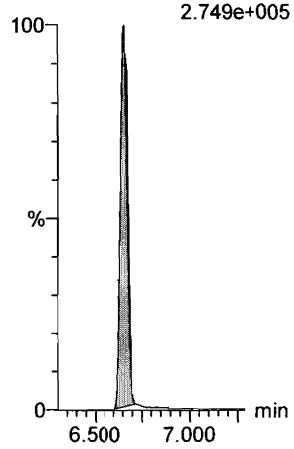
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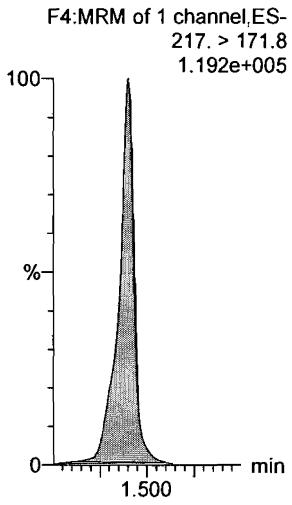


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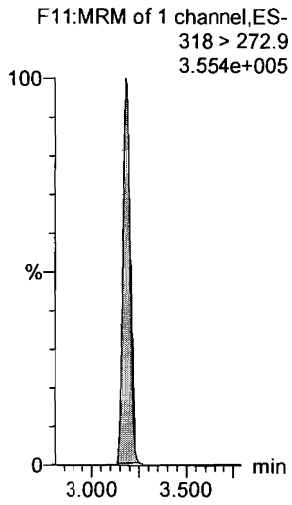
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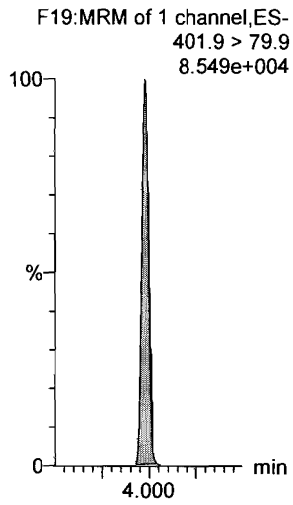
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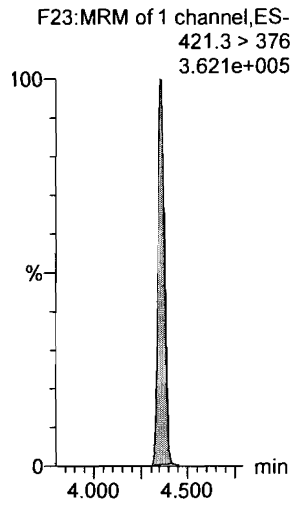
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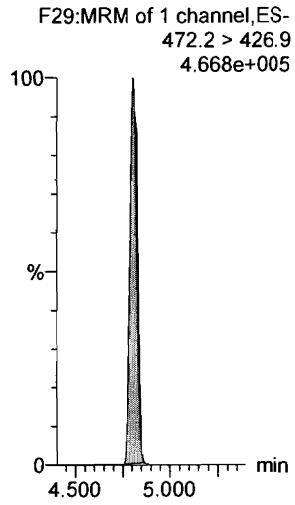
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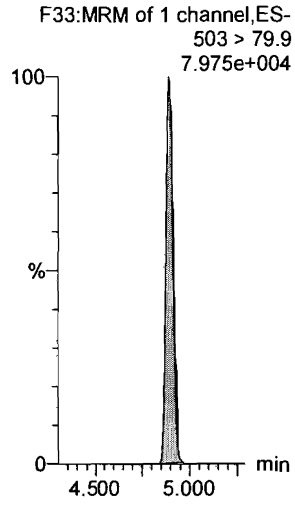
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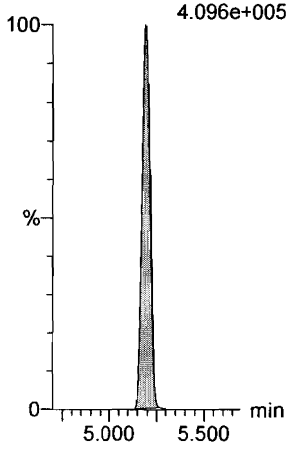
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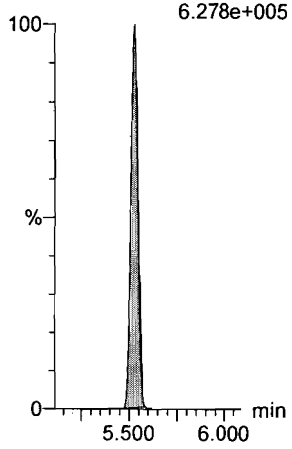
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13C6-PFDA



13C7-PFUdA

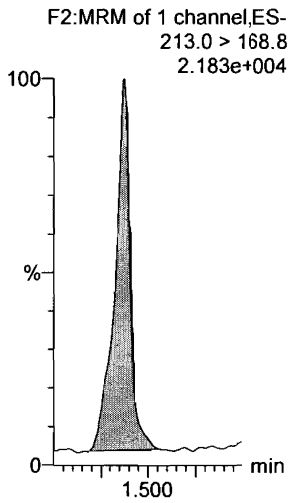


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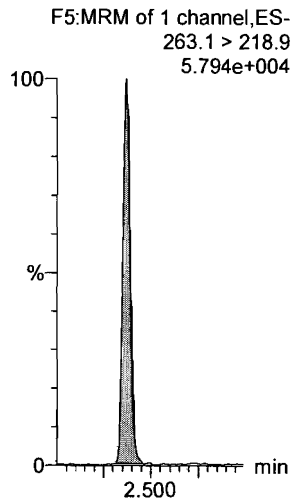
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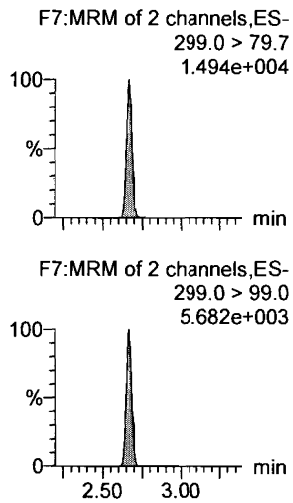
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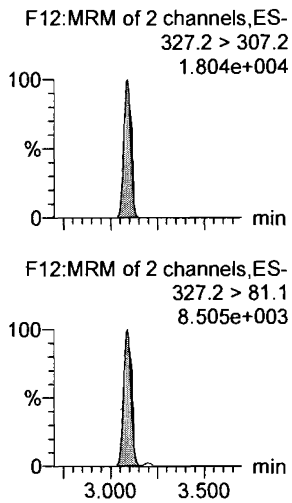
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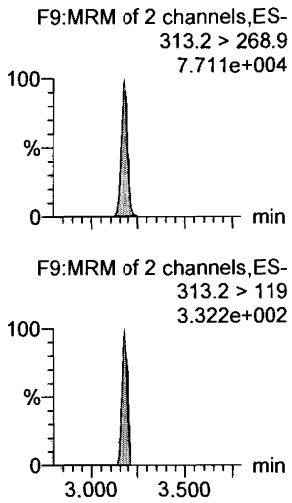
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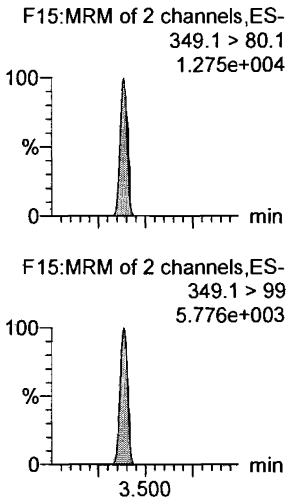
4:2 FTS



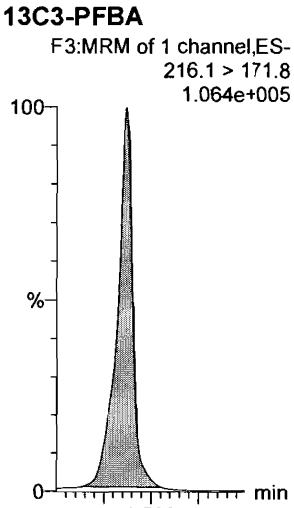
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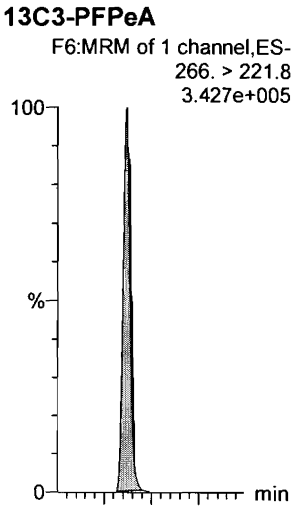
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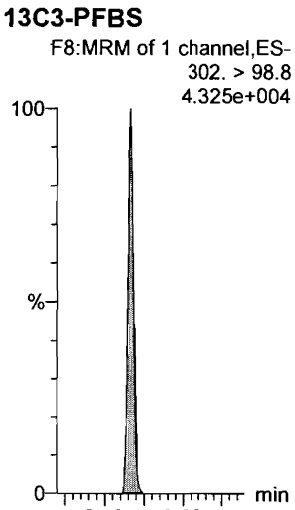
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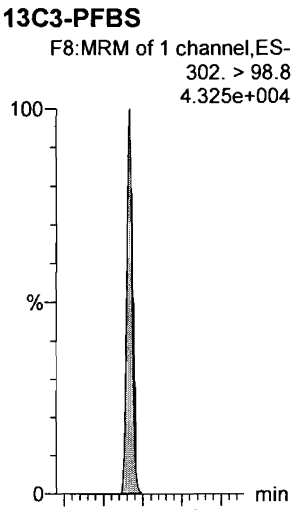
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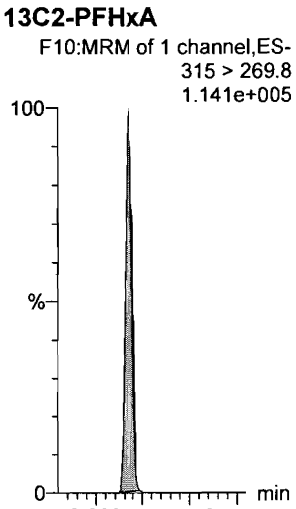
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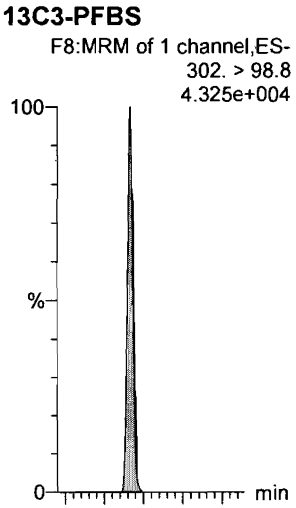
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13C2-PFHxA



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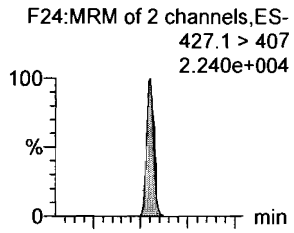


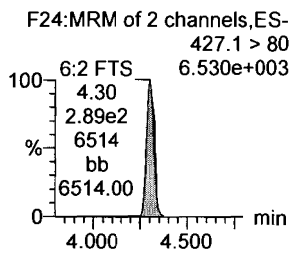
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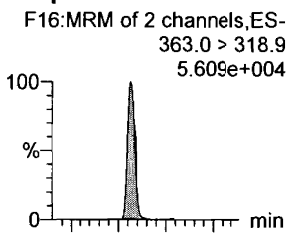
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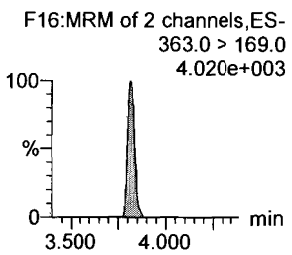
6:2 FTS



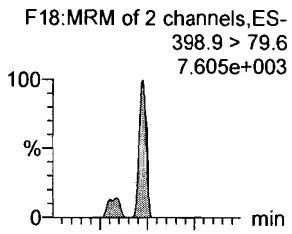


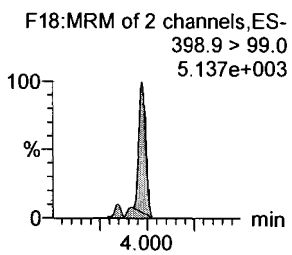
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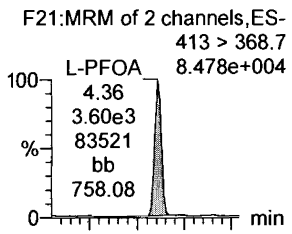


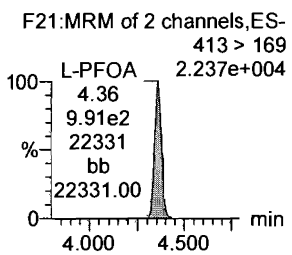
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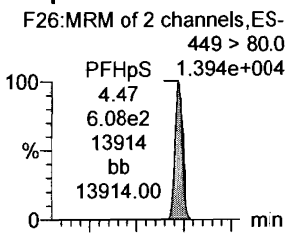


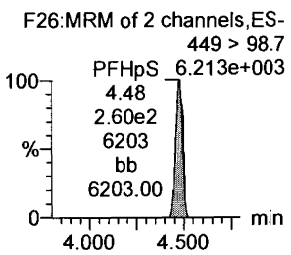
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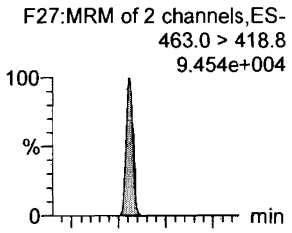


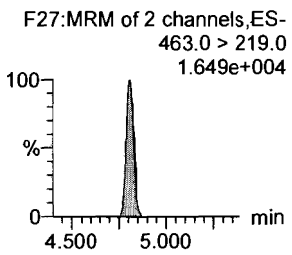
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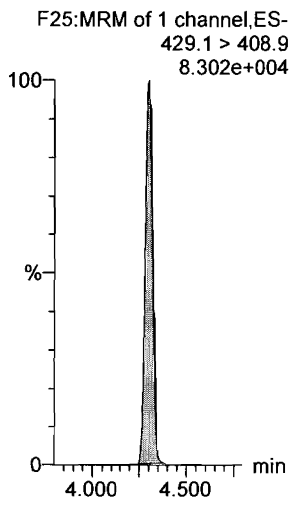


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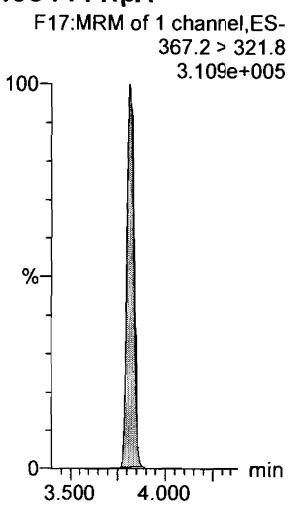




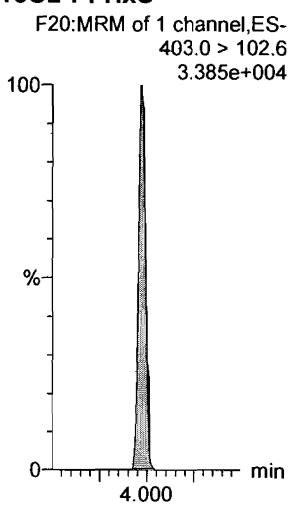
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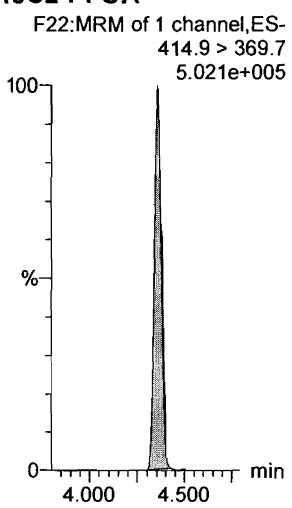
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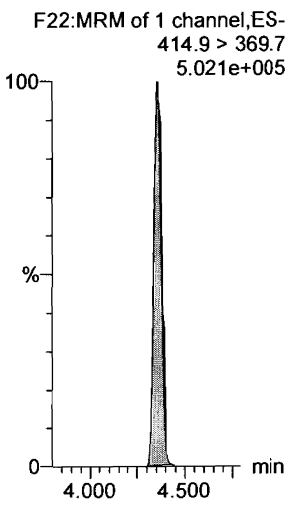
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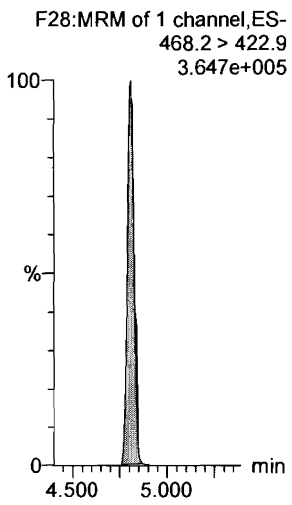
13C2-PFOA



13C2-PFOA



13C5-PFNA

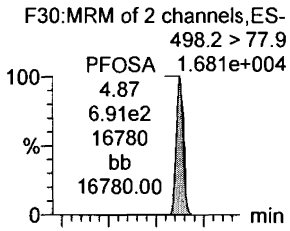


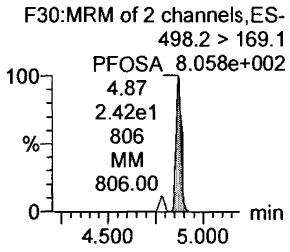
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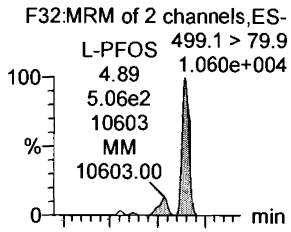
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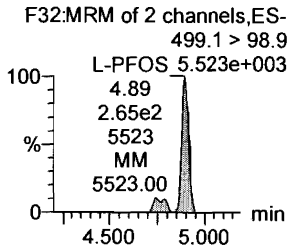
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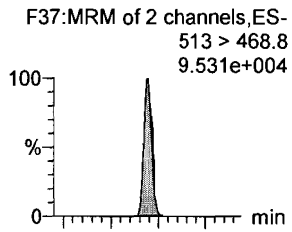


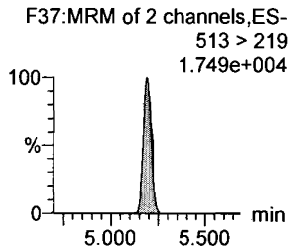
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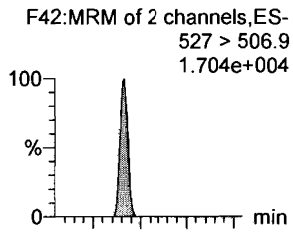


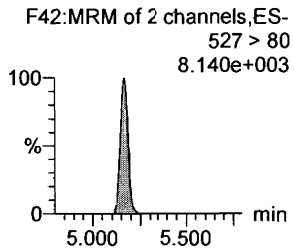
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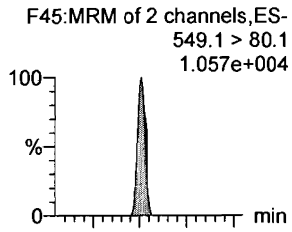


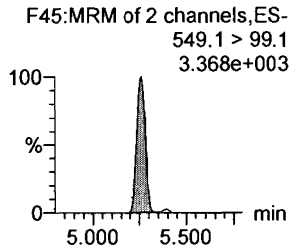
8:2 FTS



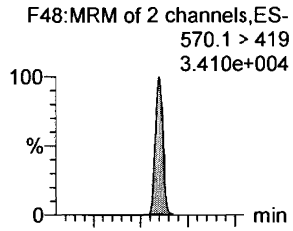


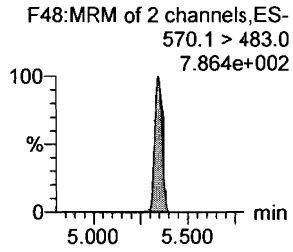
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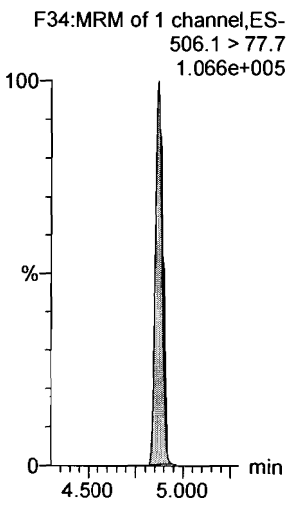


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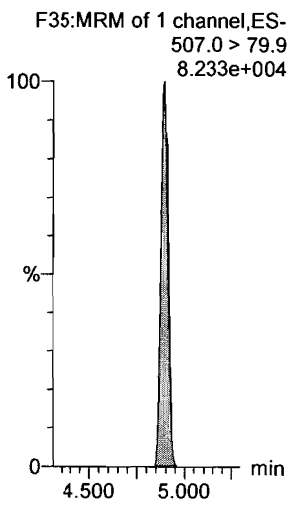




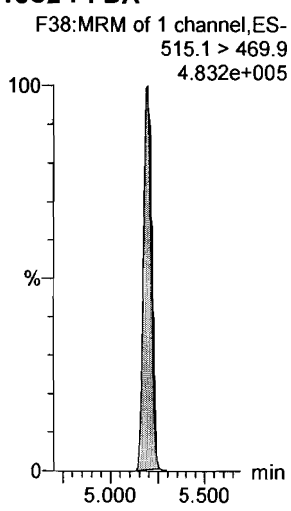
13C8-PFOSA



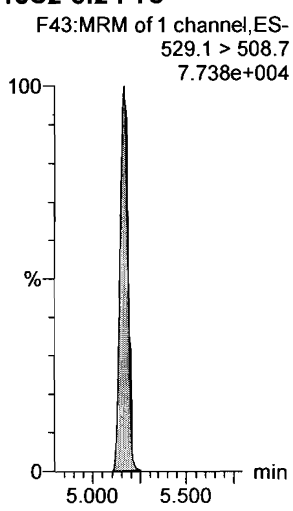
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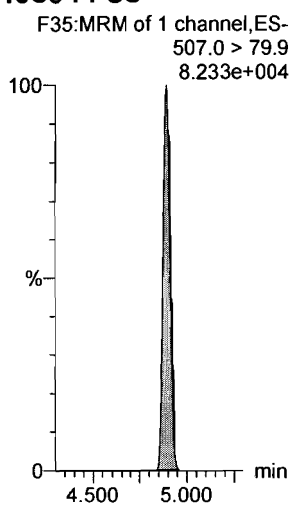
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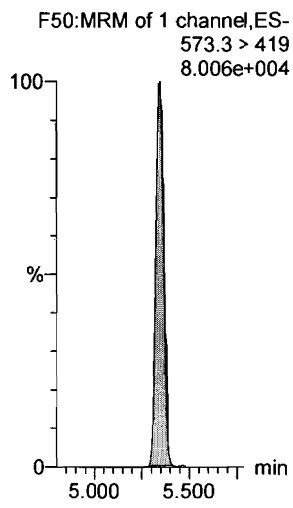
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

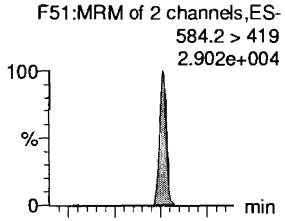


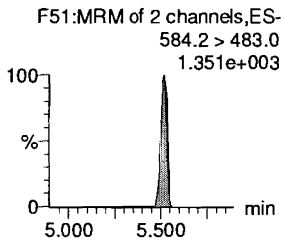
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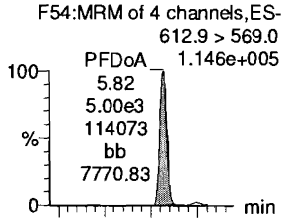
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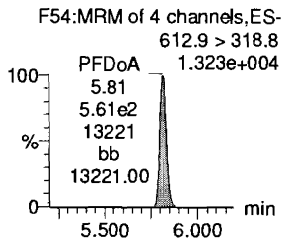
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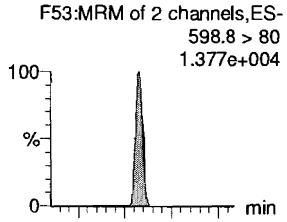


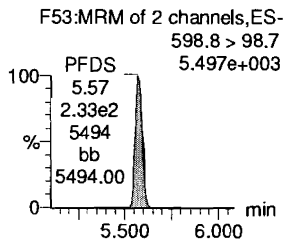
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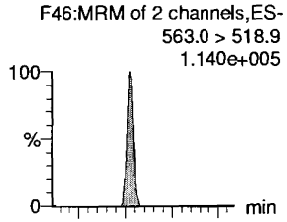


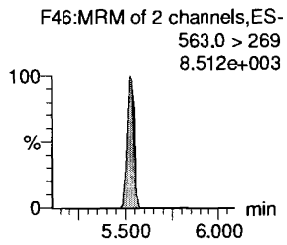
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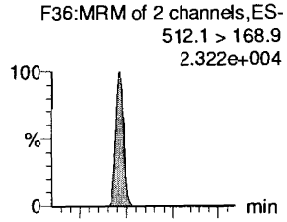


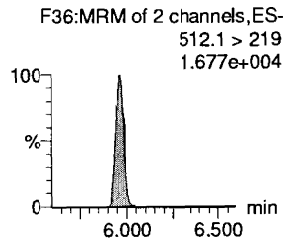
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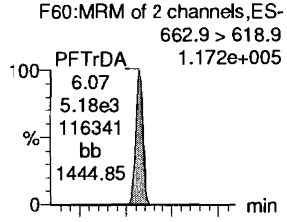


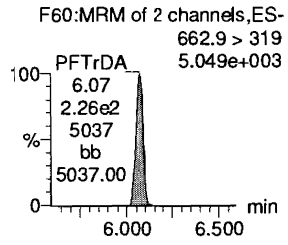
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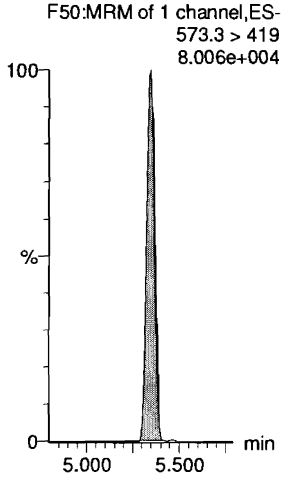


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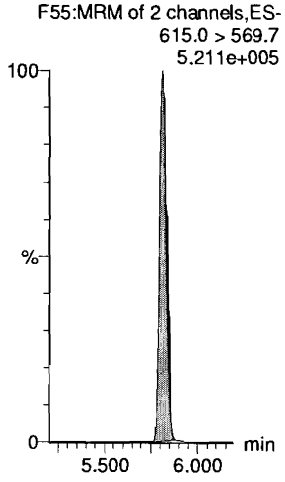




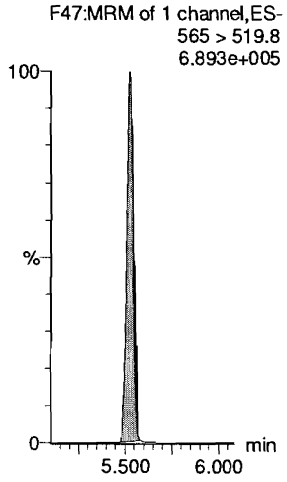
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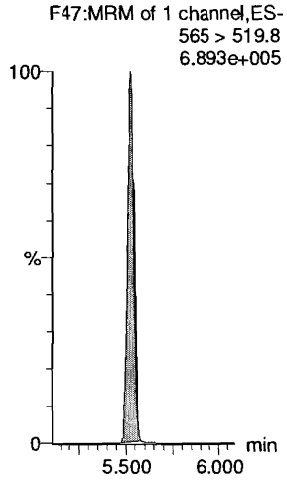
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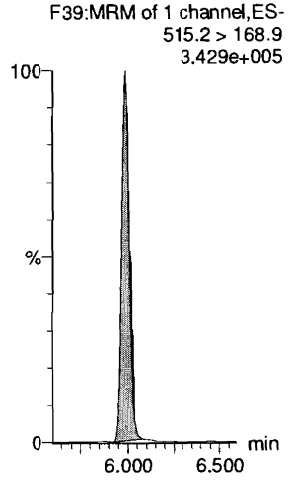
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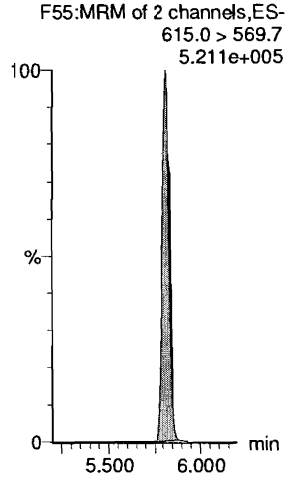
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13C2-PFDoA

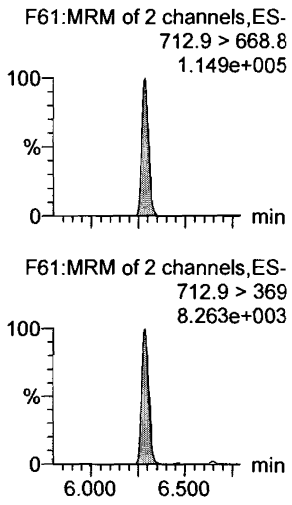


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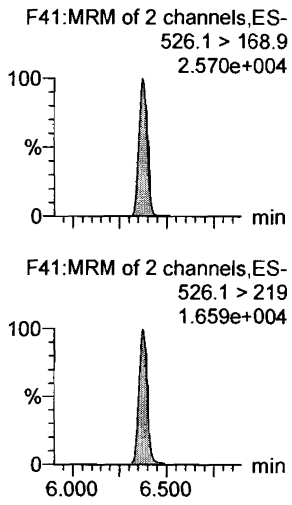
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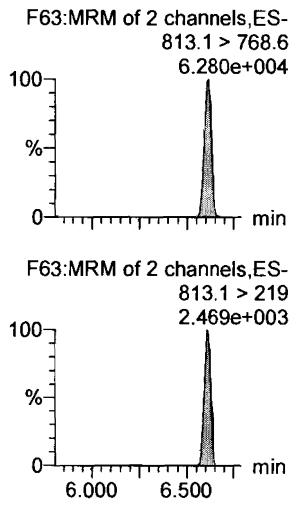
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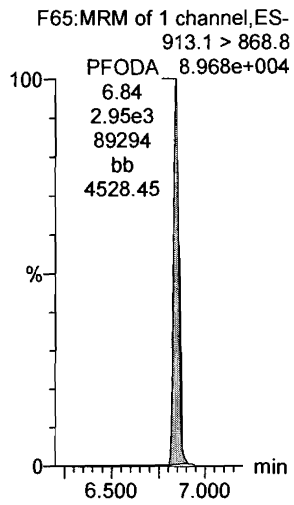
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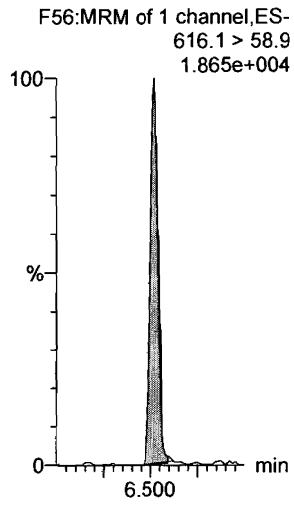
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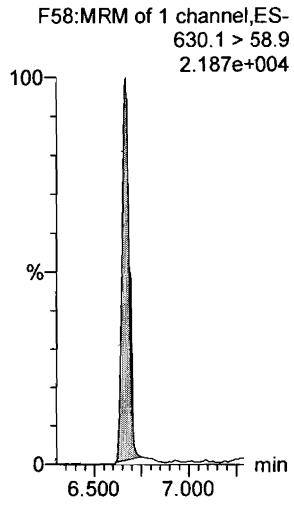
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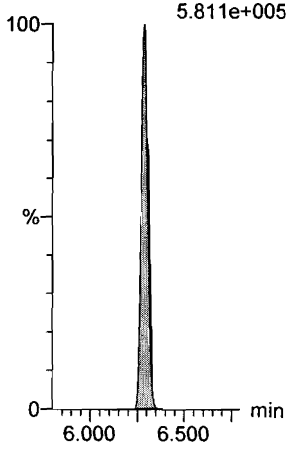
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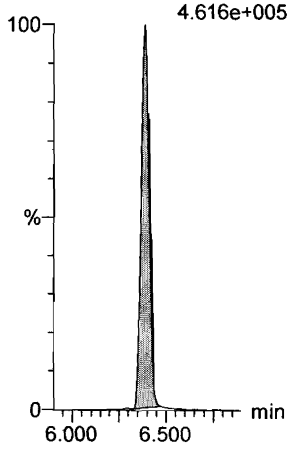
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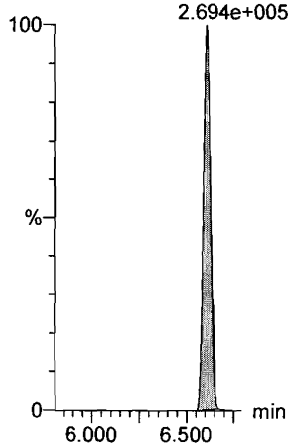
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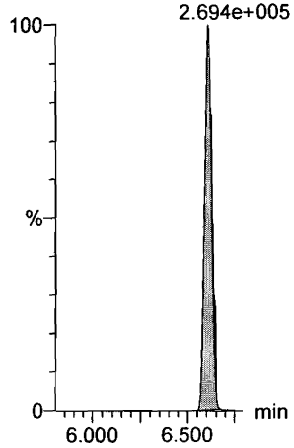
d5-N-ETFOSA



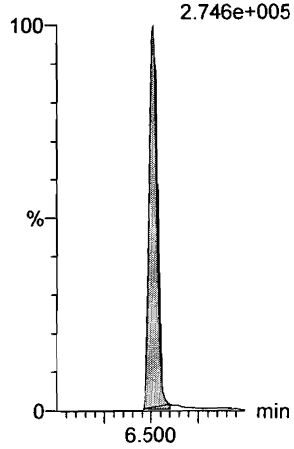
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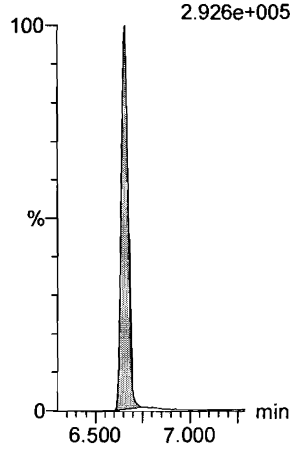
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d7-N-MeFOSE



d9-N-EtFOSE

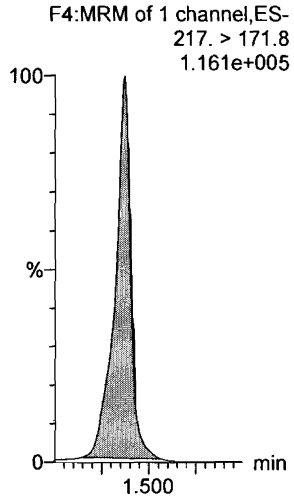


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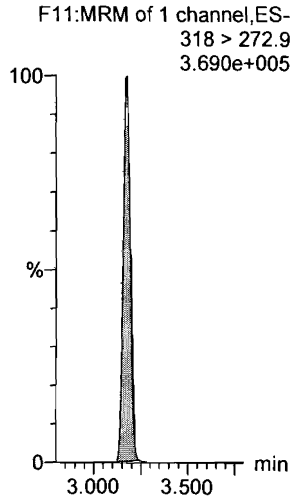
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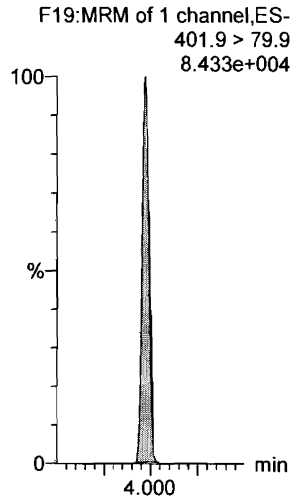
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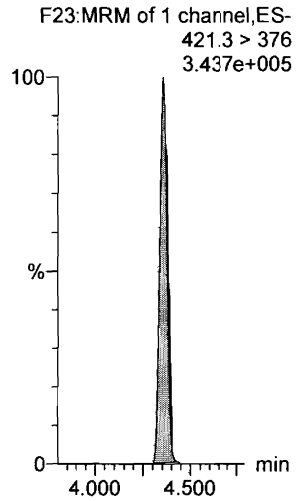
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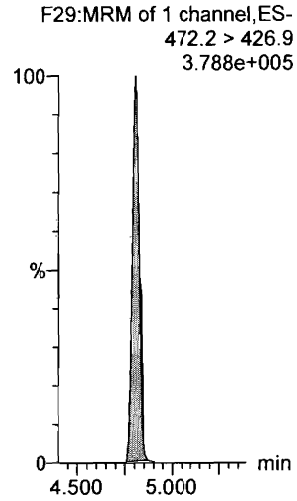
13C3-PFHxS



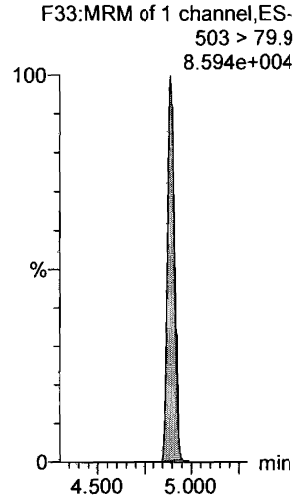
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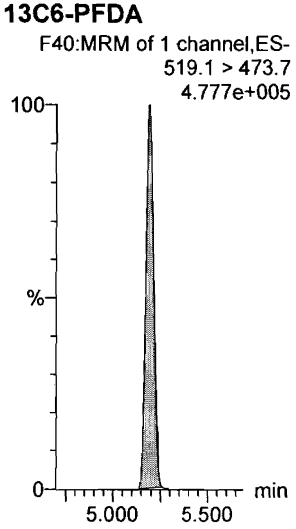
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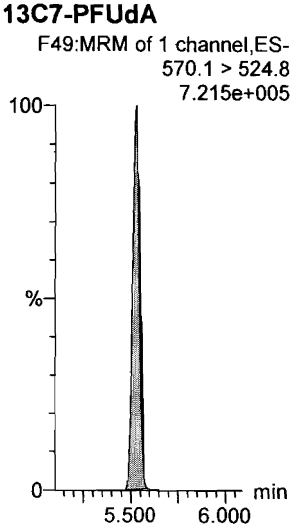
13C4-PFOS



13C6-PFDA



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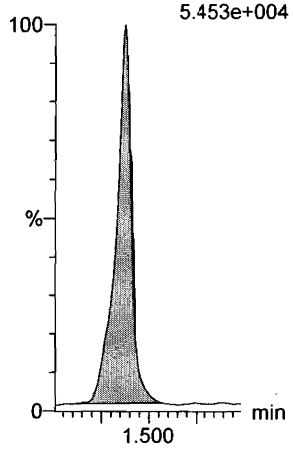


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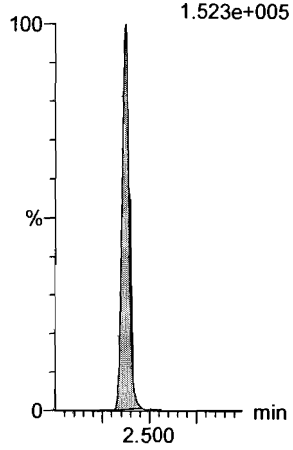
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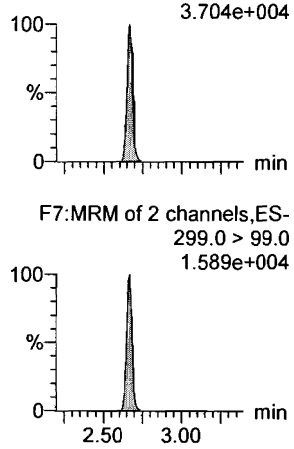
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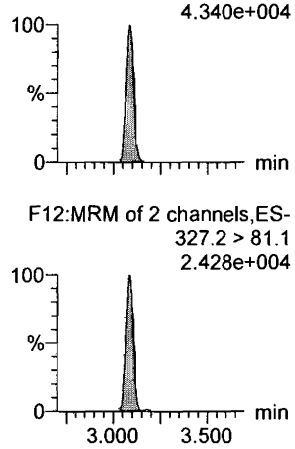
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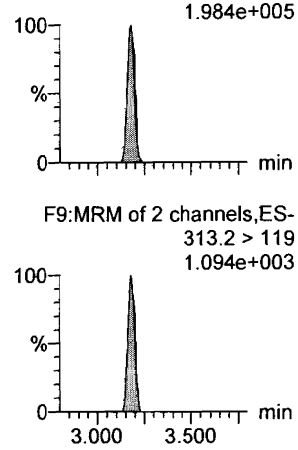
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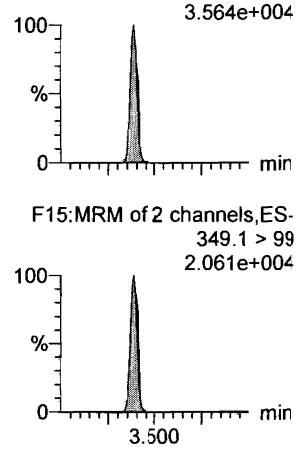
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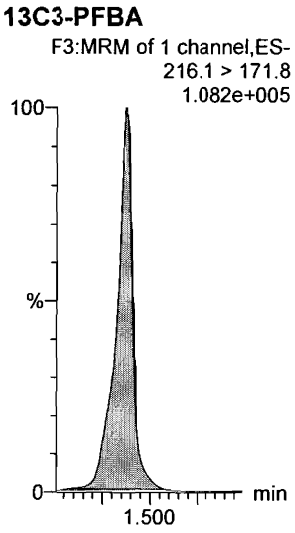
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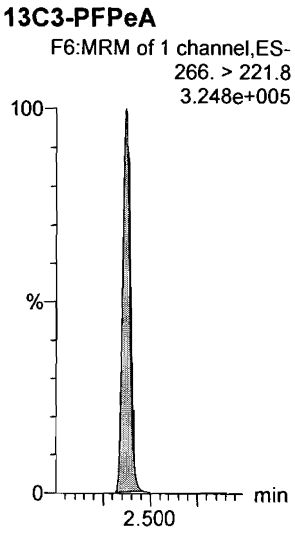
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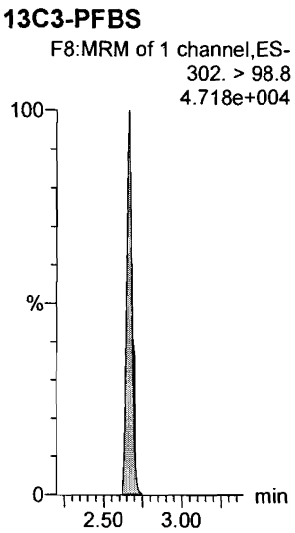
13C3-PFBA



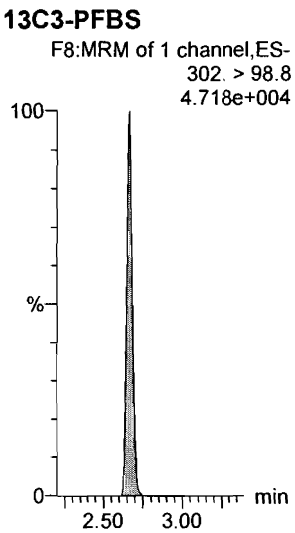
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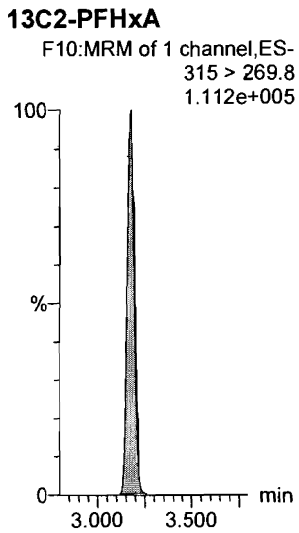
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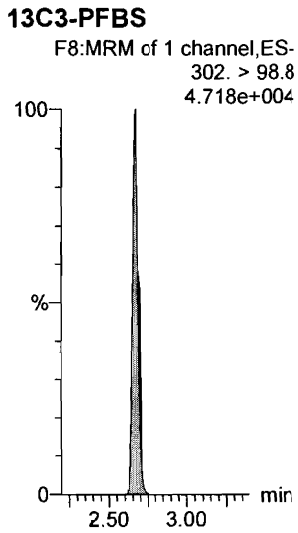
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13C2-PFHxA



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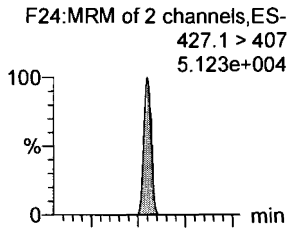


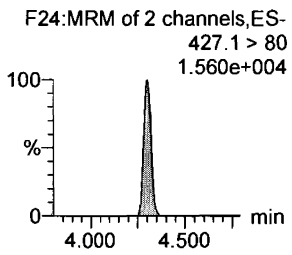
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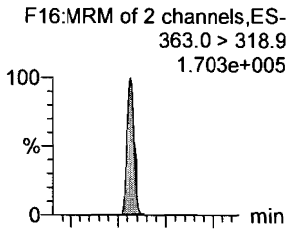
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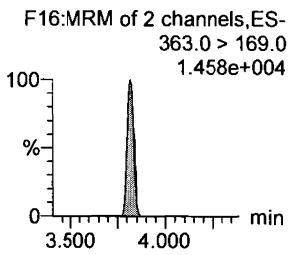
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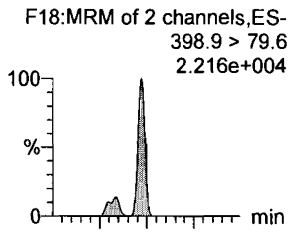


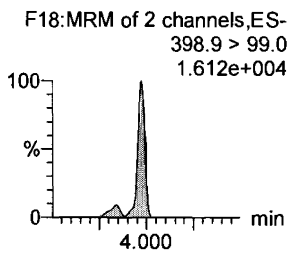
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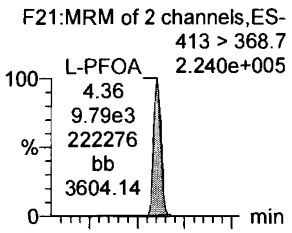


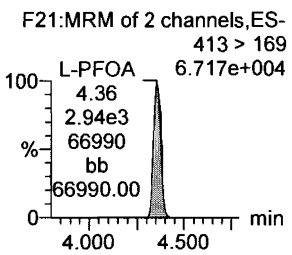
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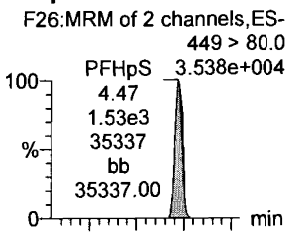


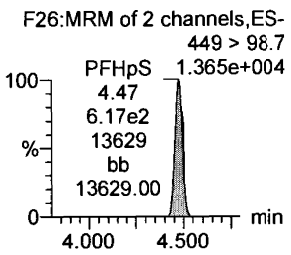
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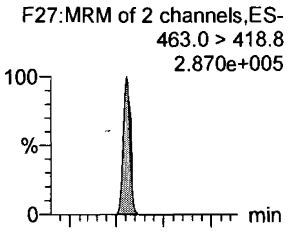


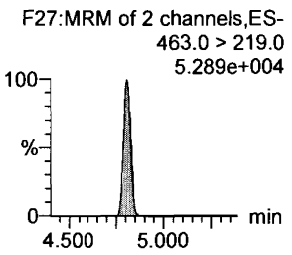
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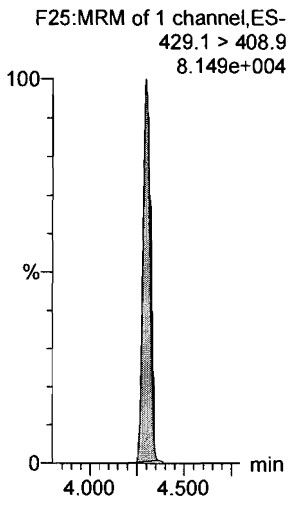


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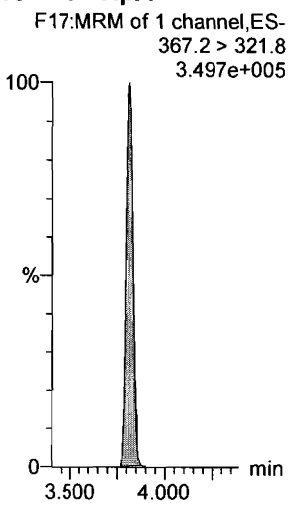




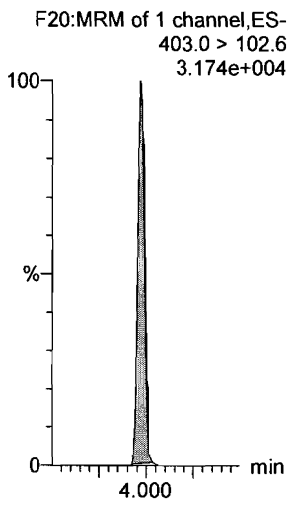
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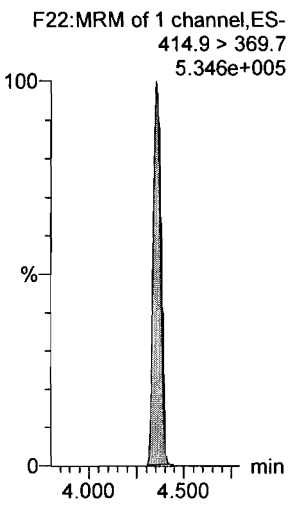
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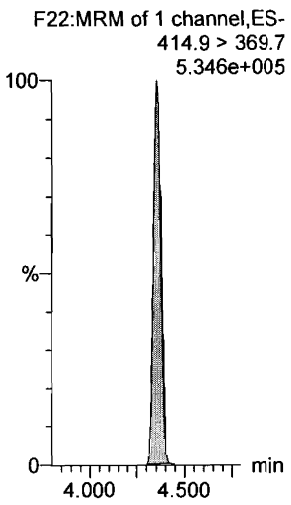
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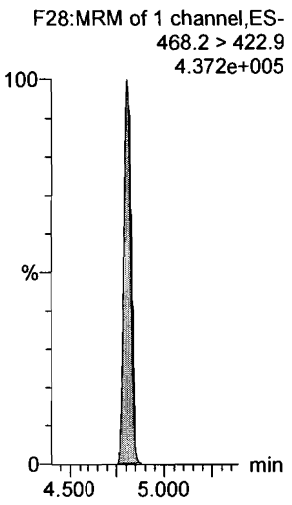
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13C2-PFOA



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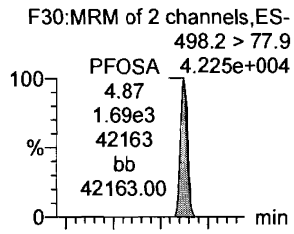


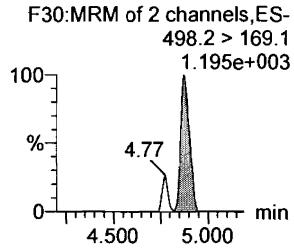
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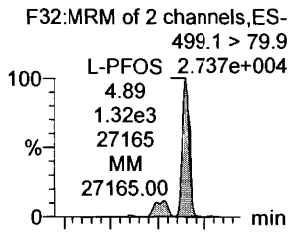
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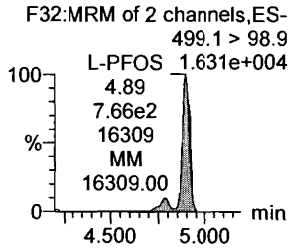
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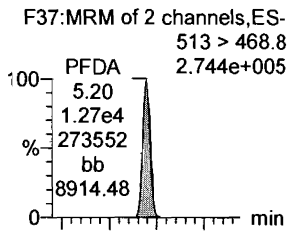


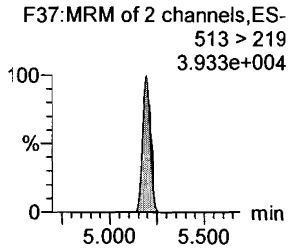
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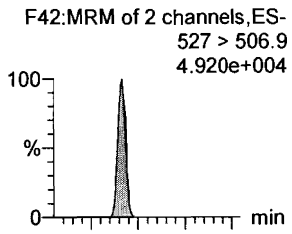


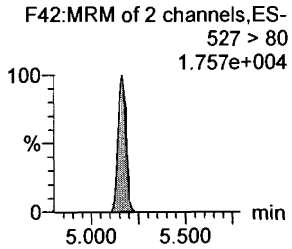
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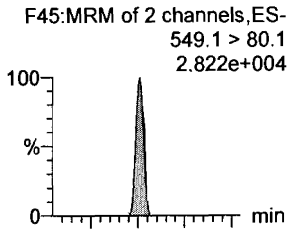


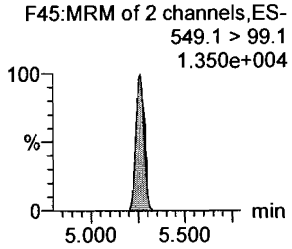
8:2 FTS



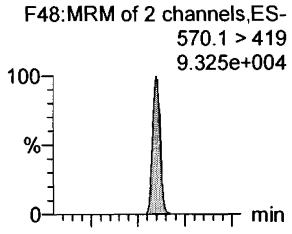


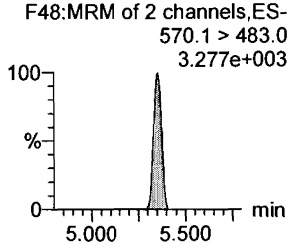
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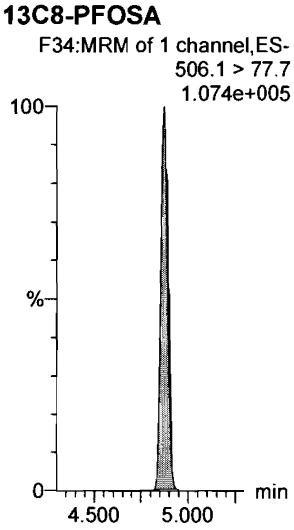


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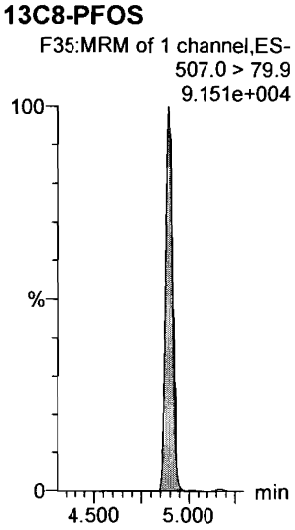




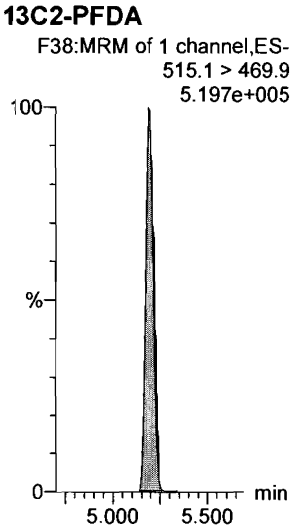
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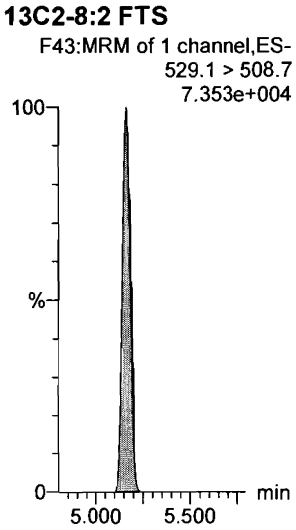
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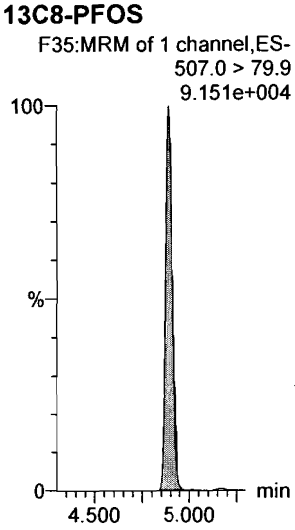
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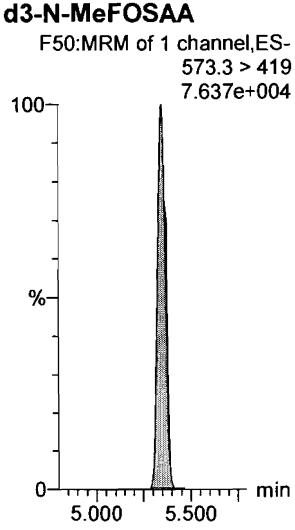
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13C8-PFOS



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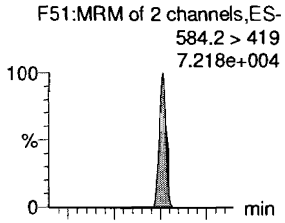


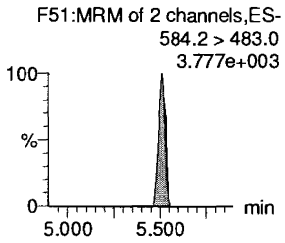
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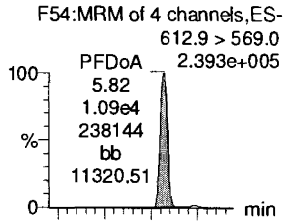
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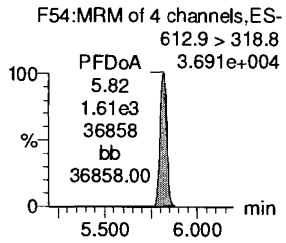
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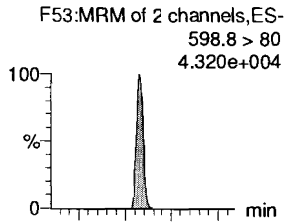


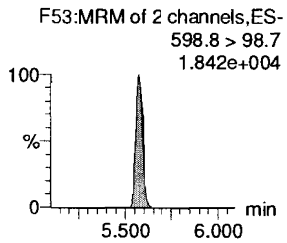
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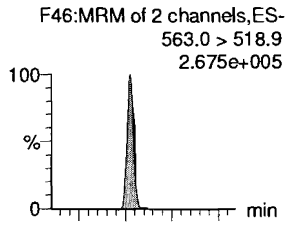


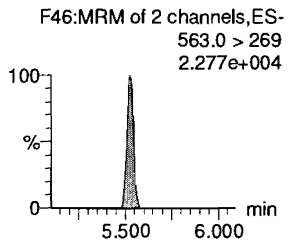
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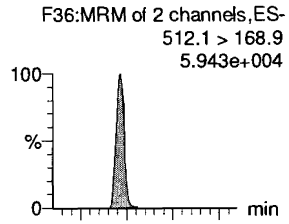


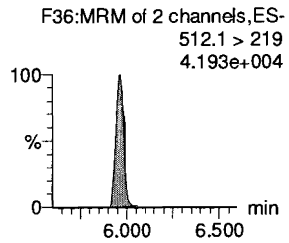
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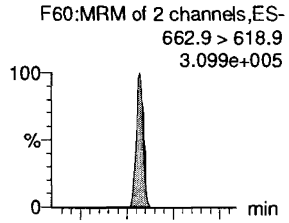


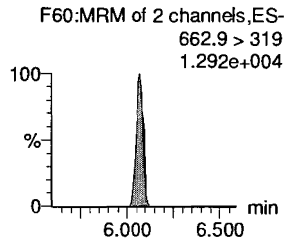
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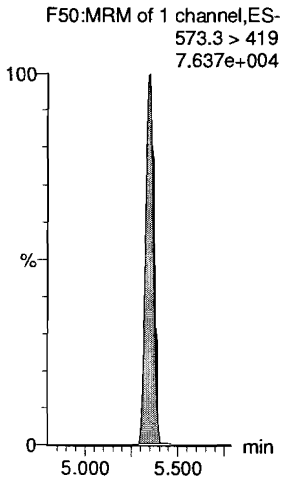


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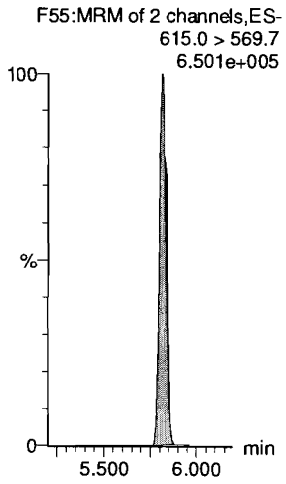




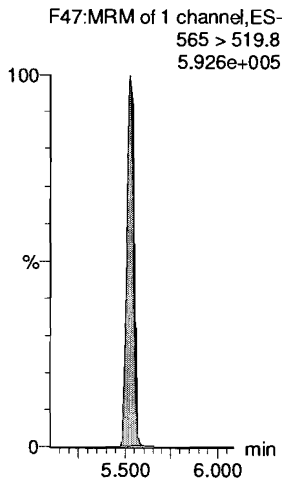
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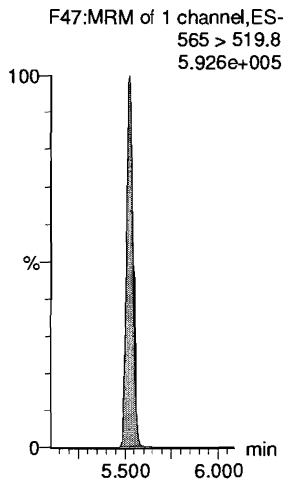
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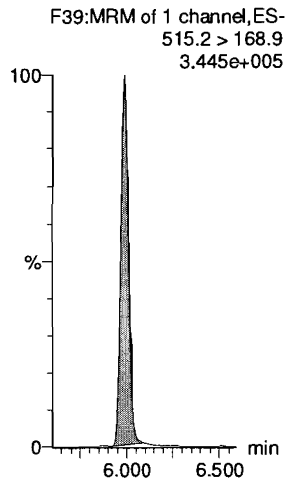
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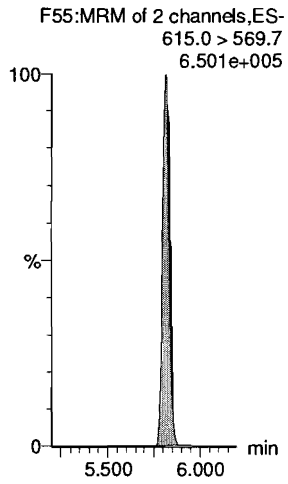
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d3-N-MeFOSA



13C2-PFDoA

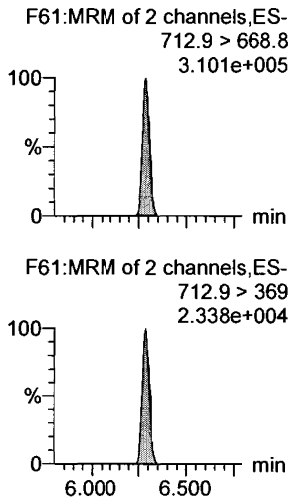


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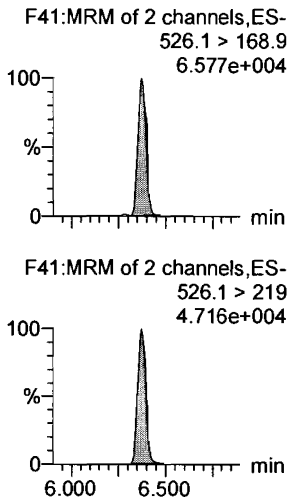
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Name: 180524M1_6, Date: 24-May-2018, Time: 14:49:25, ID: ST180524M1-5 PFC CS2 18E1406, Description: PFC CS2 18E1406

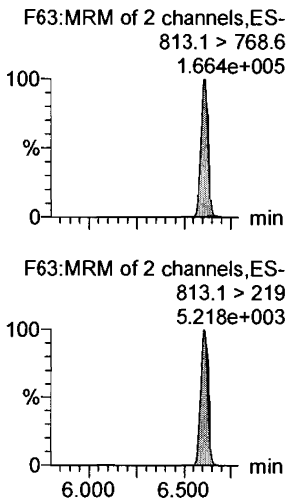
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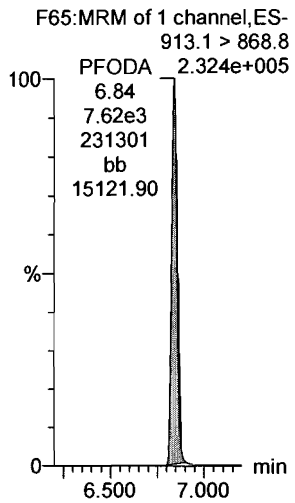
N-EtFOSA



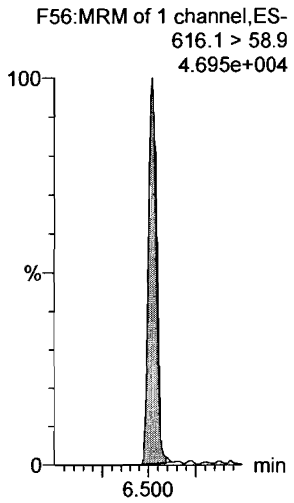
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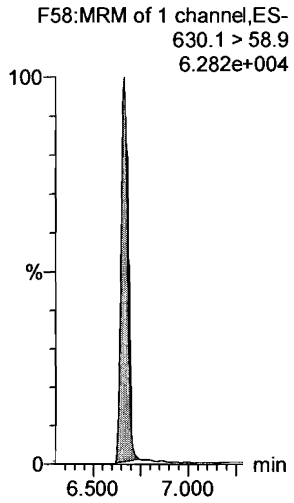
PFODA



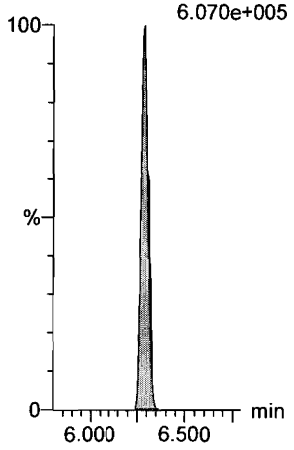
N-MeFOSE



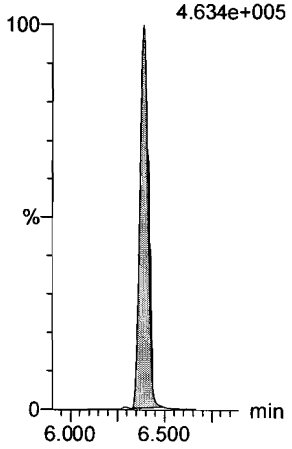
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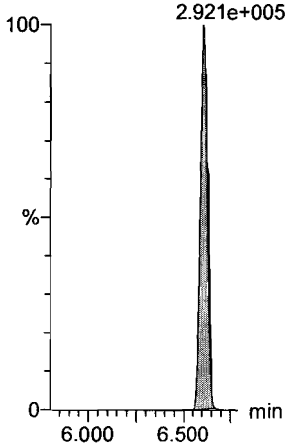
13C2-PFTeDA



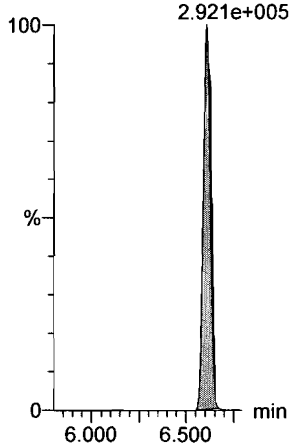
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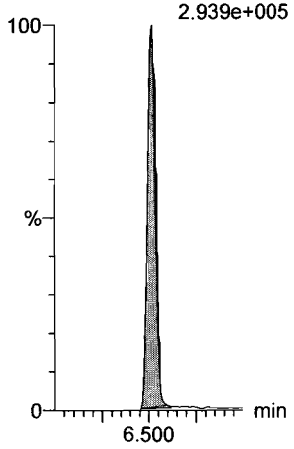
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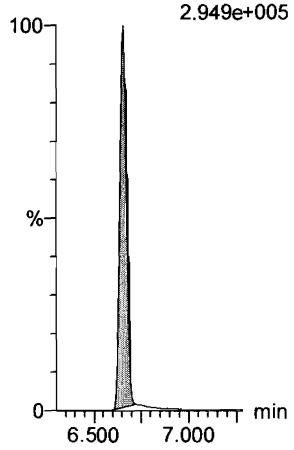
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d7-N-MeFOSE



d9-N-EtFOSE

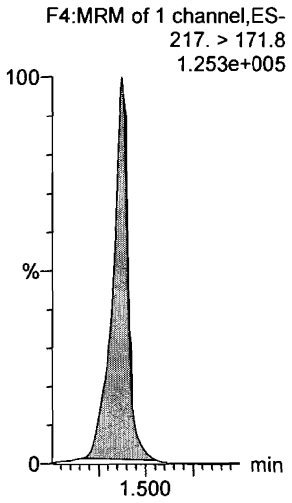


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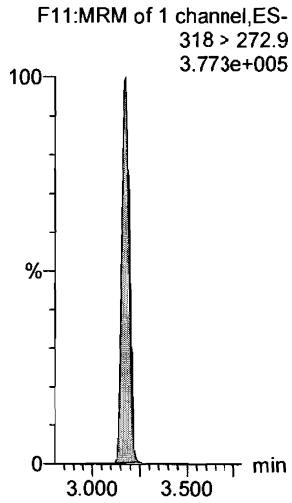
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Name: 180524M1_6, Date: 24-May-2018, Time: 14:49:25, ID: ST180524M1-5 PFC CS2 18E1406, Description: PFC CS2 18E1406

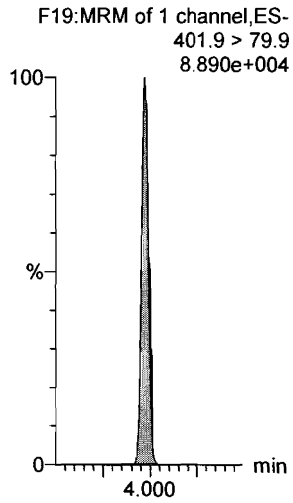
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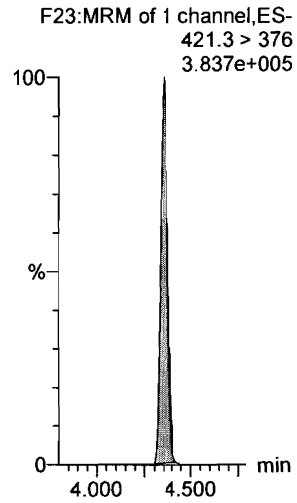
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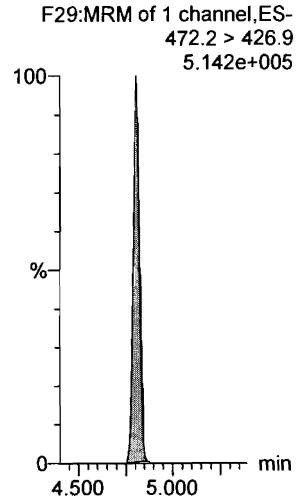
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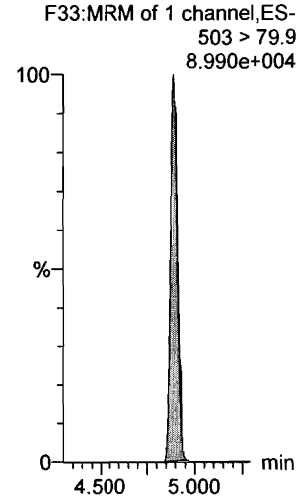
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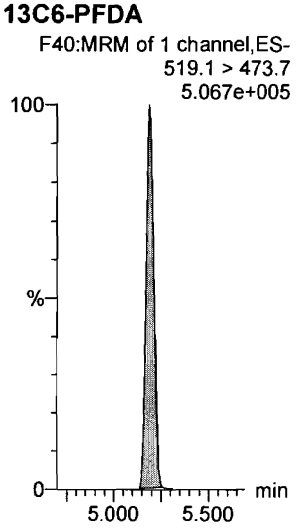
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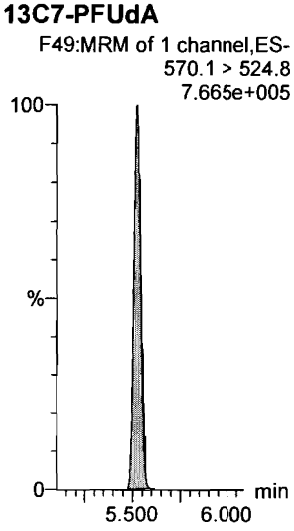
13C4-PFOS



13C6-PFDA



13C7-PFUdA

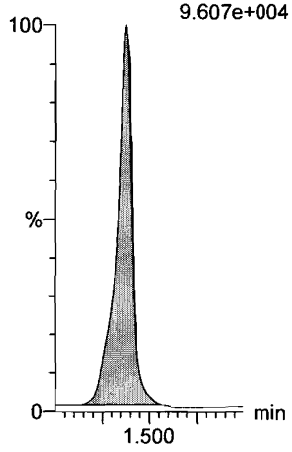


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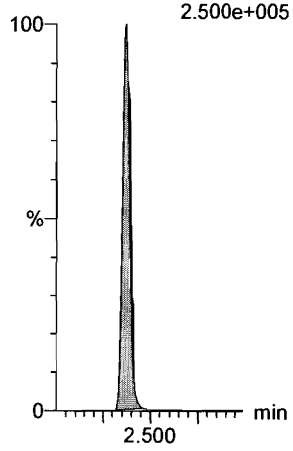
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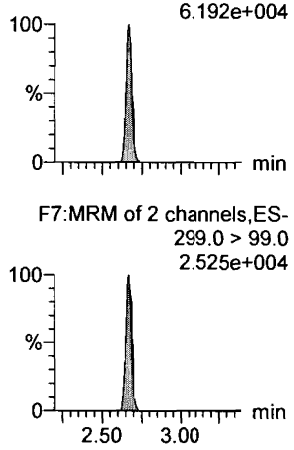
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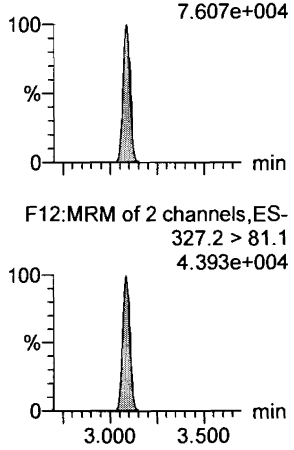
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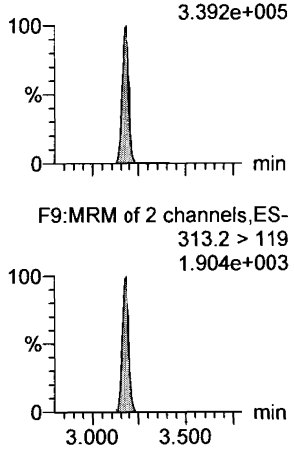
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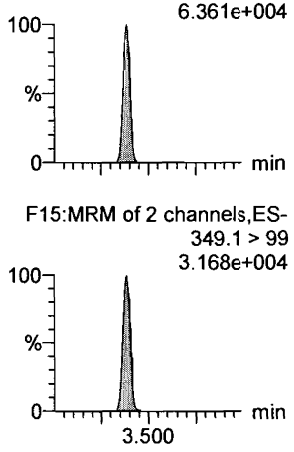
4:2 FTS



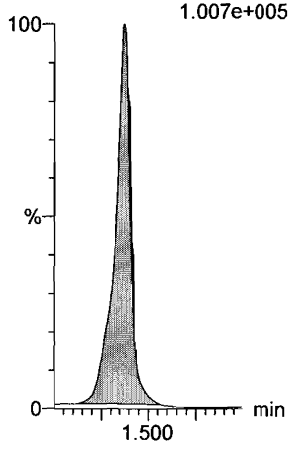
PFHxA



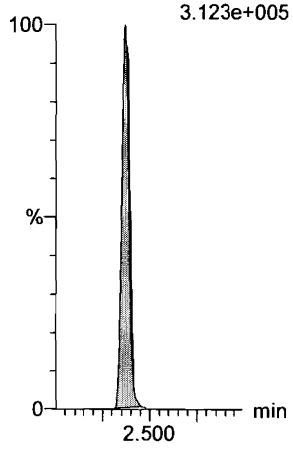
PFPeS



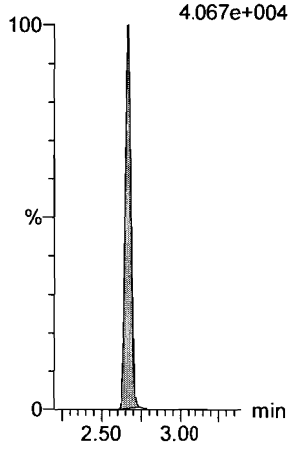
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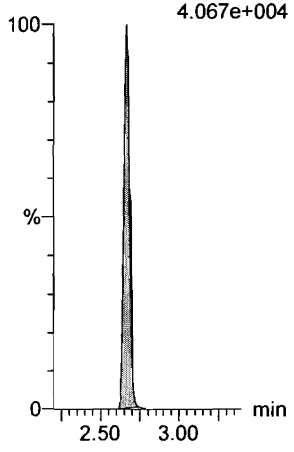
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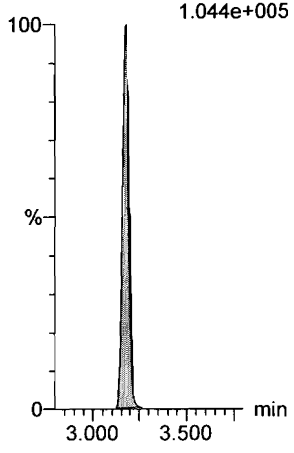
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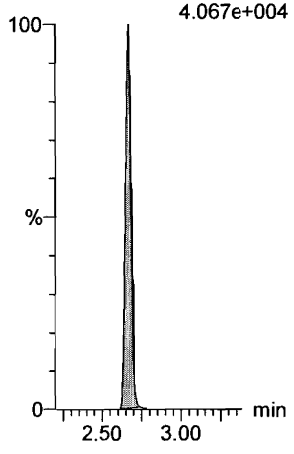
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13C2-PFHxA



13C3-PFBS

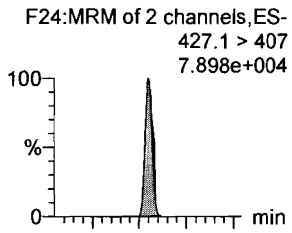


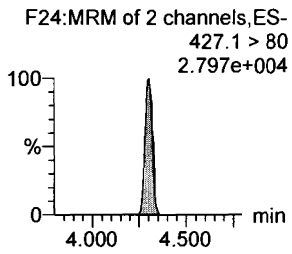
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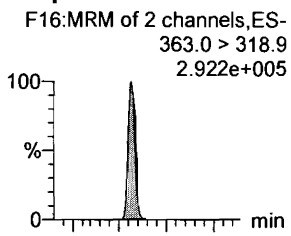
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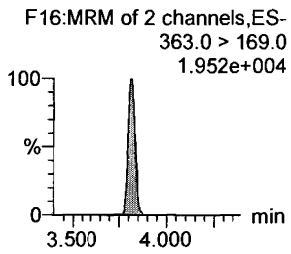
6:2 FTS



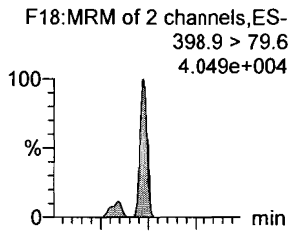


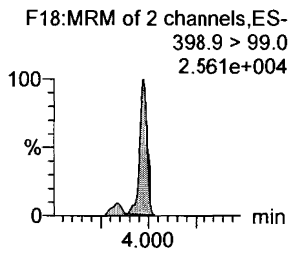
PFHpA



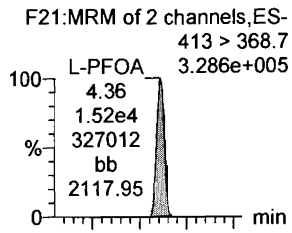


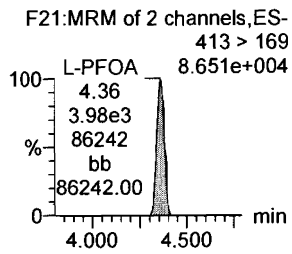
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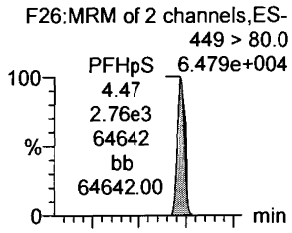


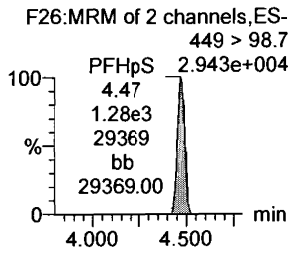
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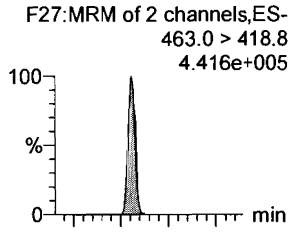


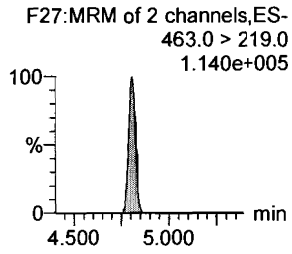
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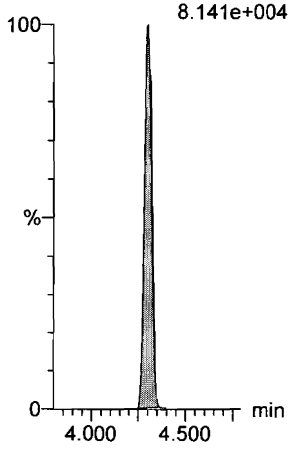


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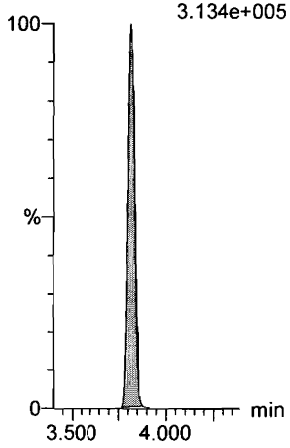




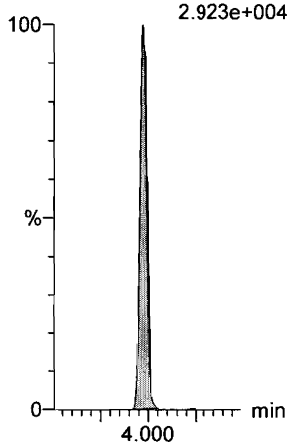
13C2-6:2 FTS



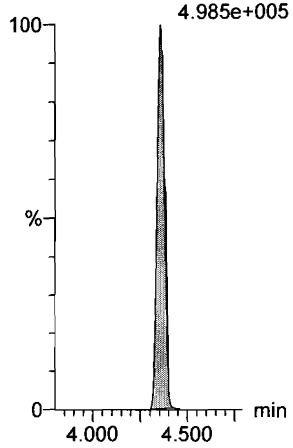
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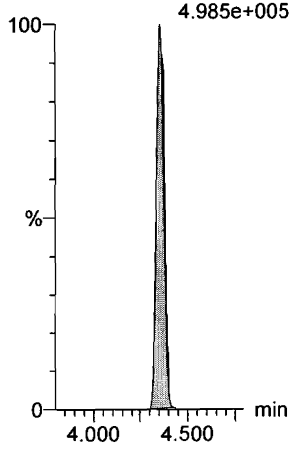
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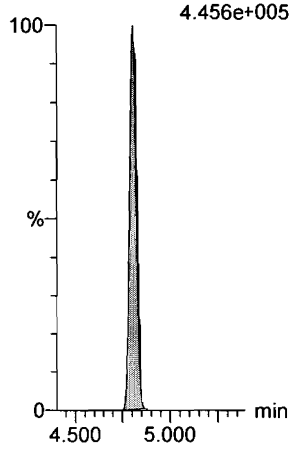
13C2-PFOA



13C2-PFOA



13C5-PFNA

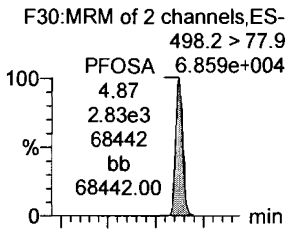


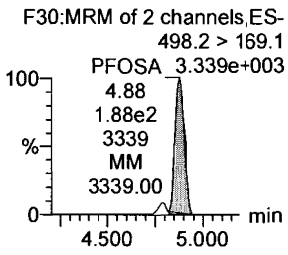
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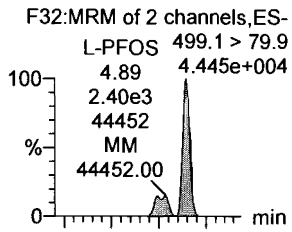
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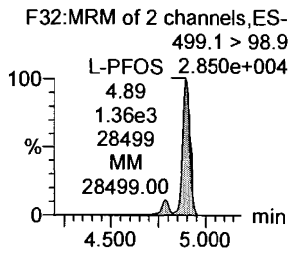
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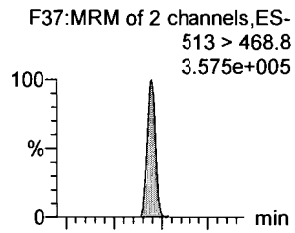


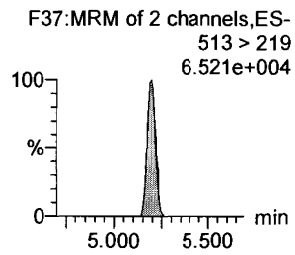
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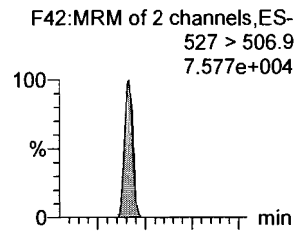


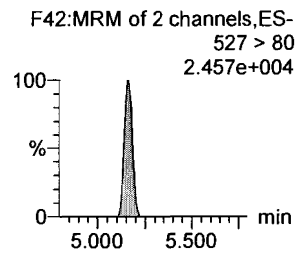
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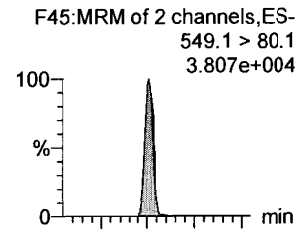


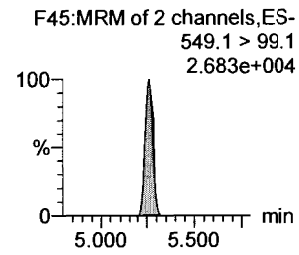
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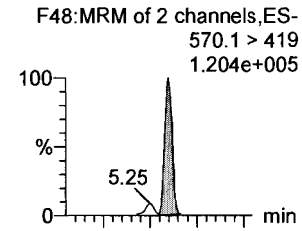


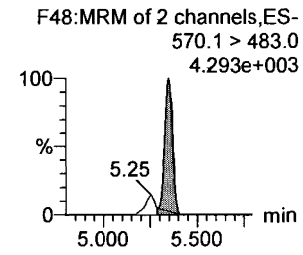
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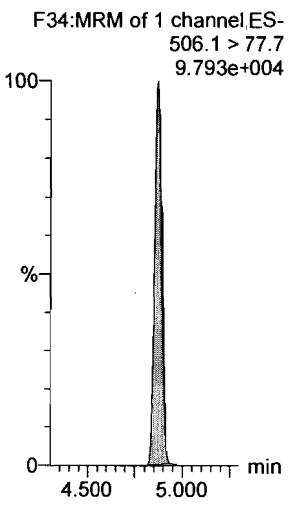


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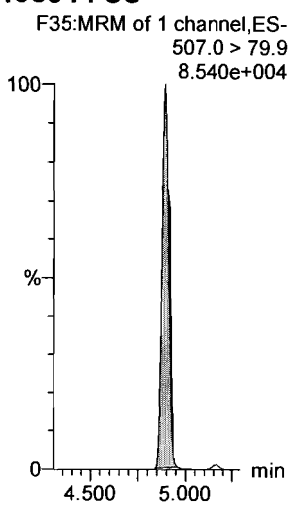




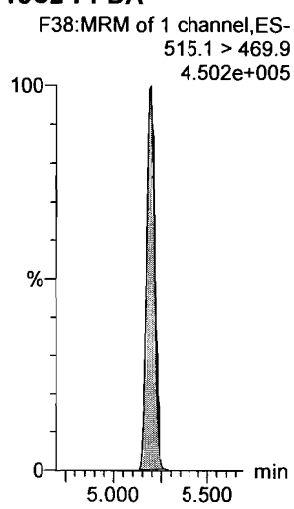
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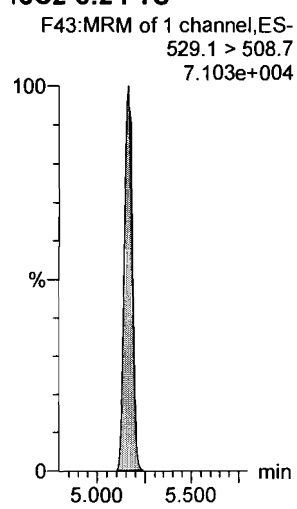
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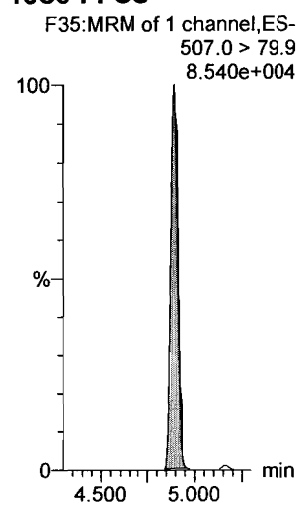
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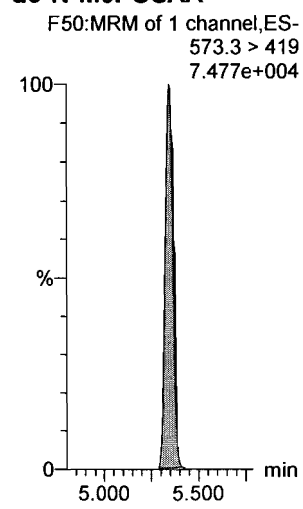
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13C8-PFOS



d3-N-MeFOSAA

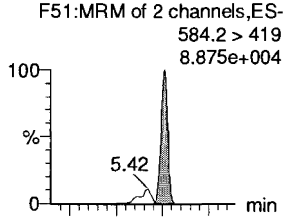


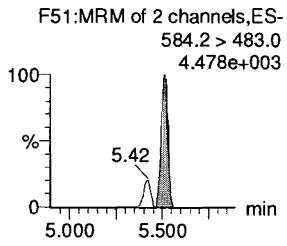
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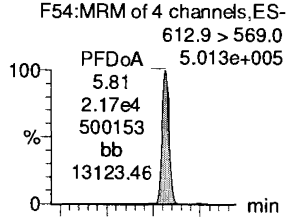
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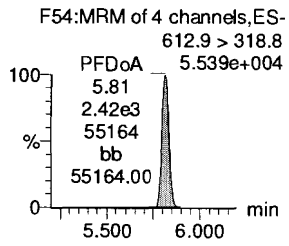
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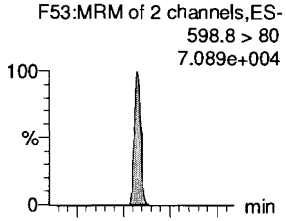


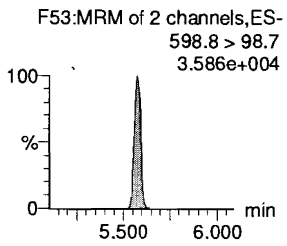
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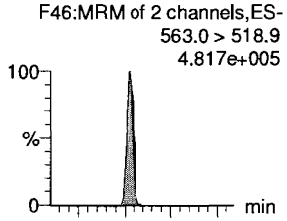


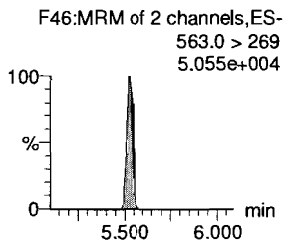
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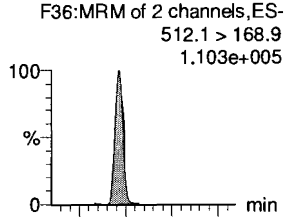


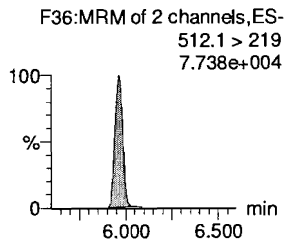
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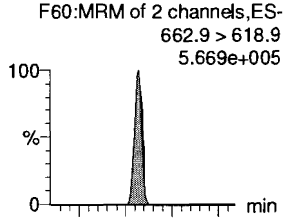


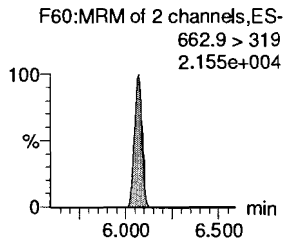
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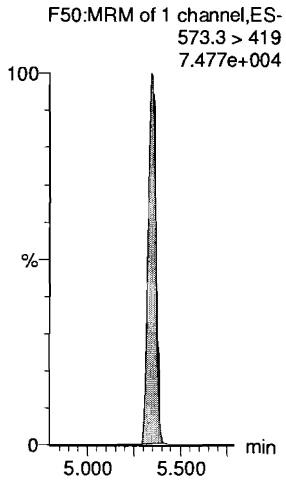


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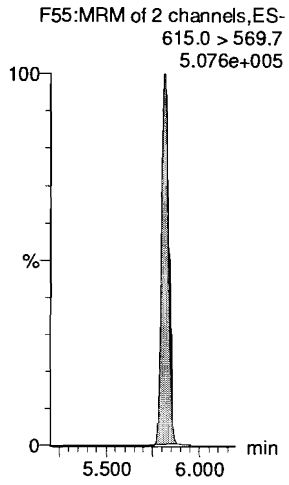




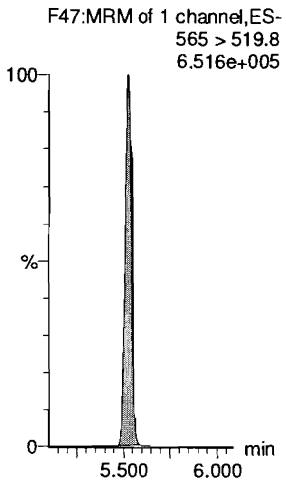
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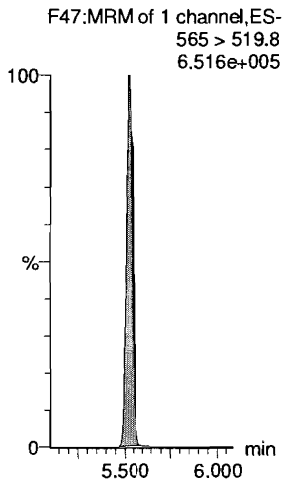
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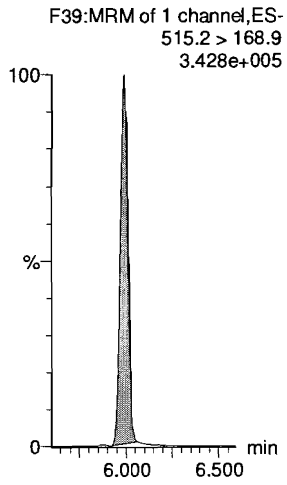
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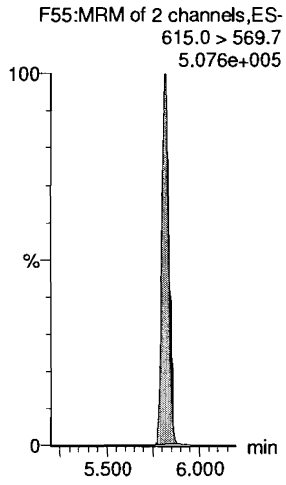
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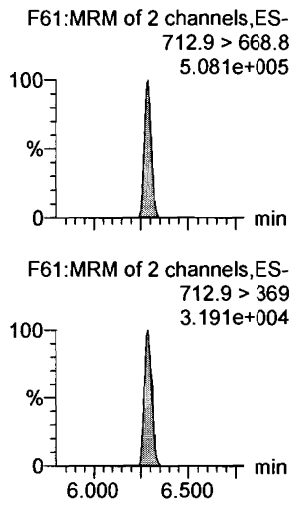


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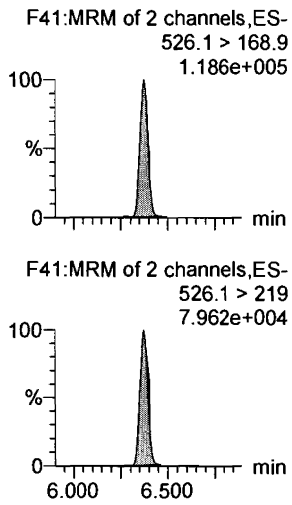
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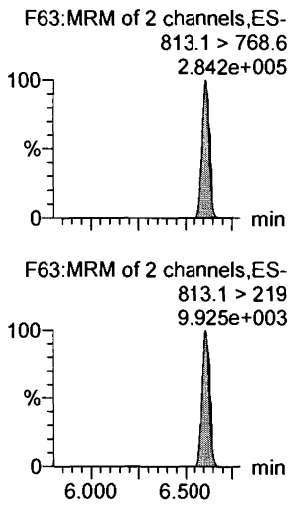
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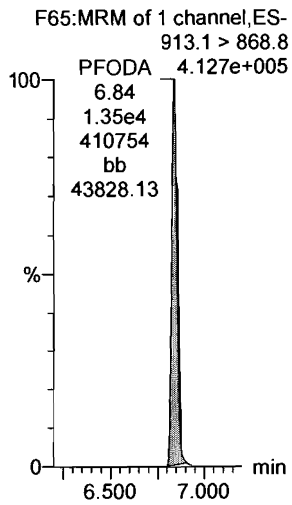
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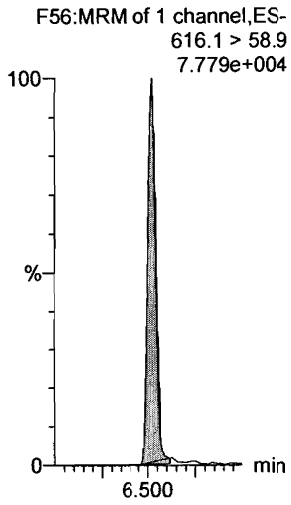
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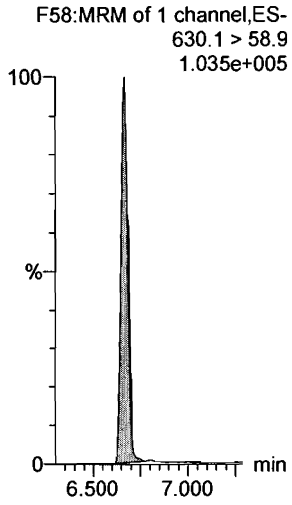
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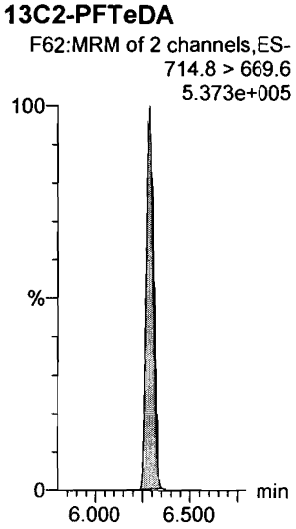
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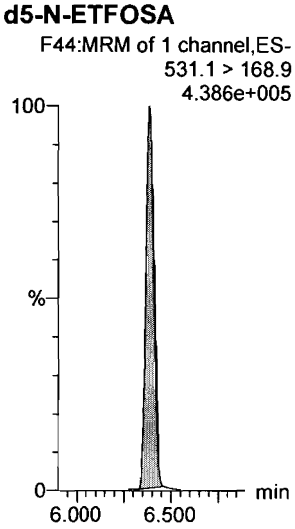
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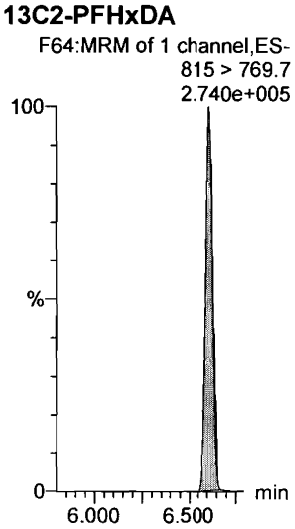
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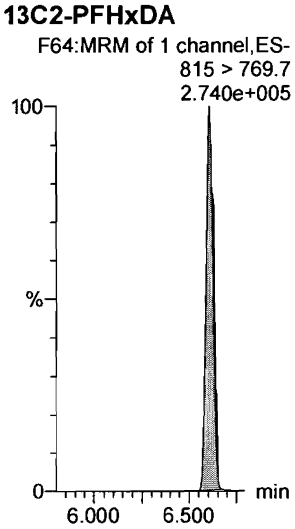
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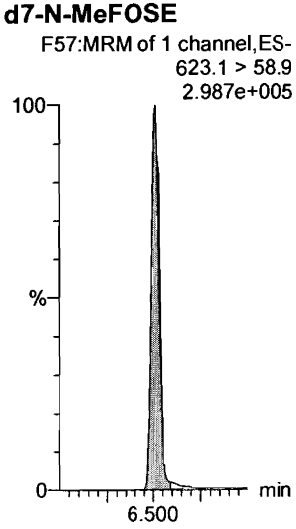
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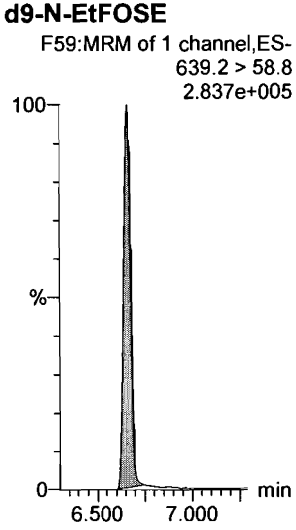
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d9-N-EtFOSE

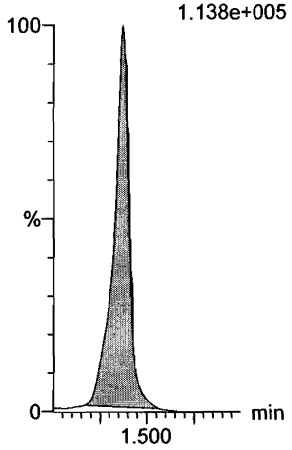


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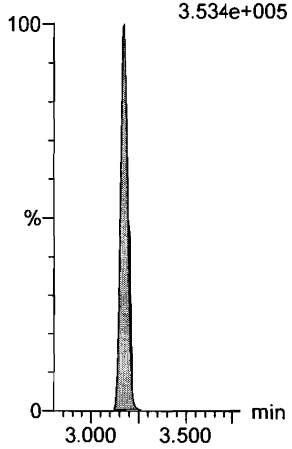
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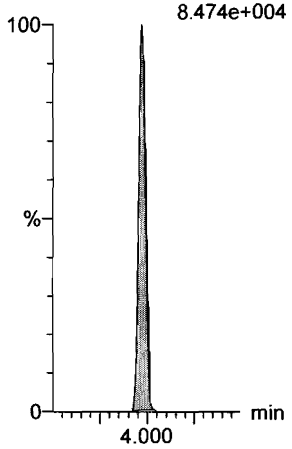
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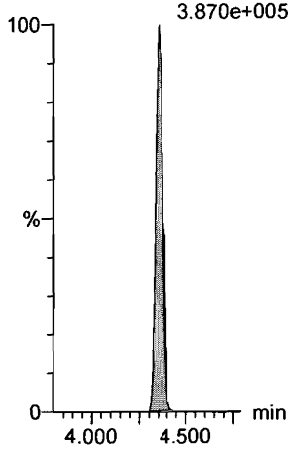
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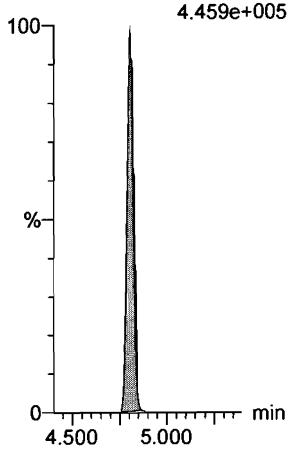
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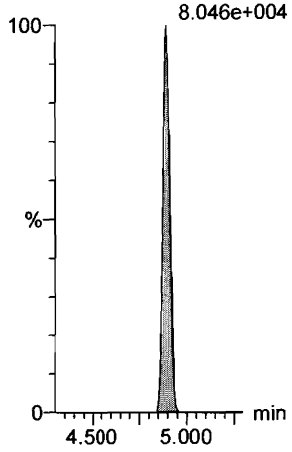
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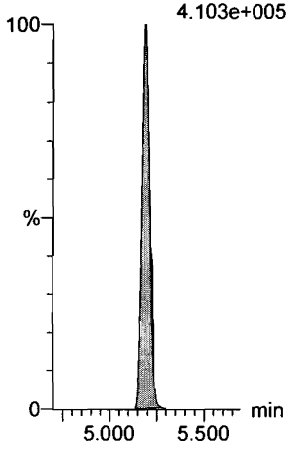
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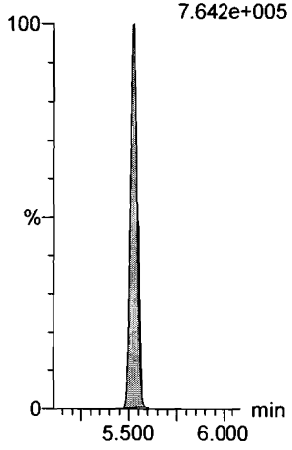
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13C6-PFDA



13C7-PFUdA

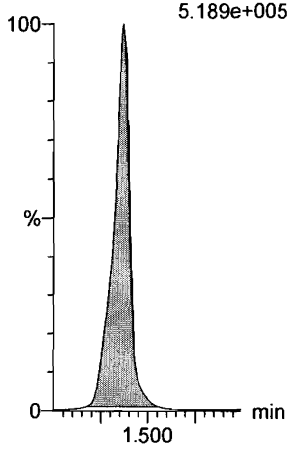


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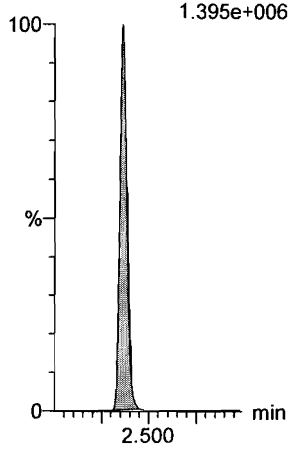
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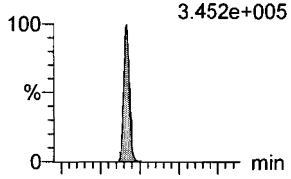
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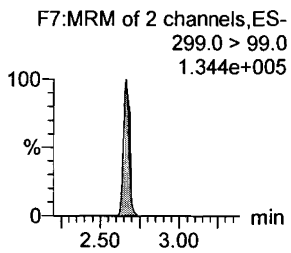


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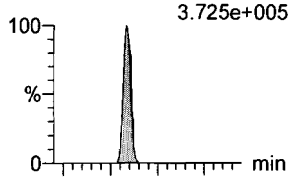


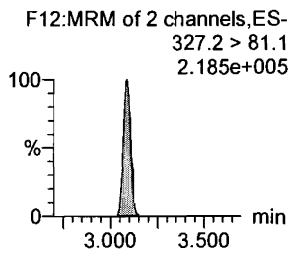
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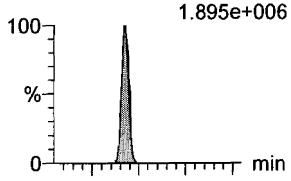


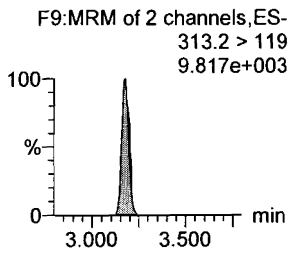
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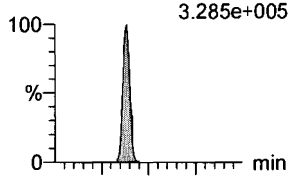


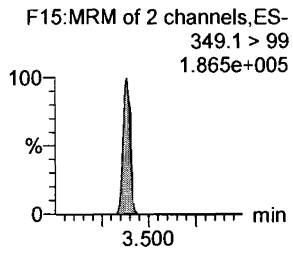
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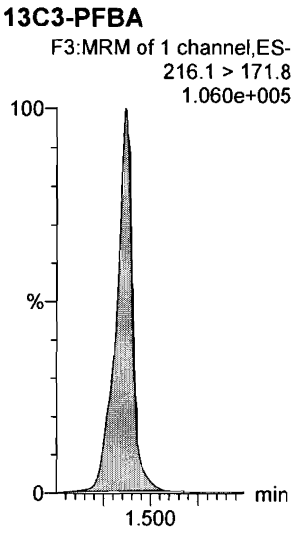


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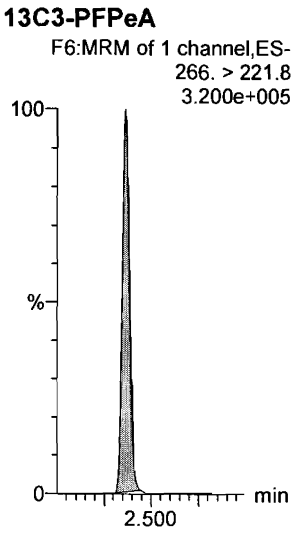




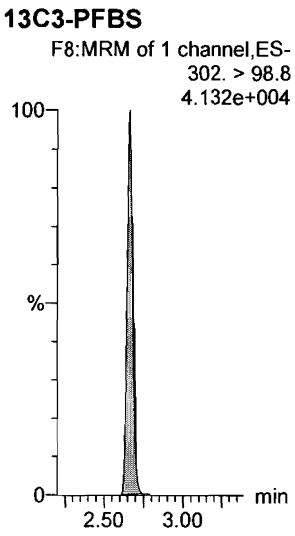
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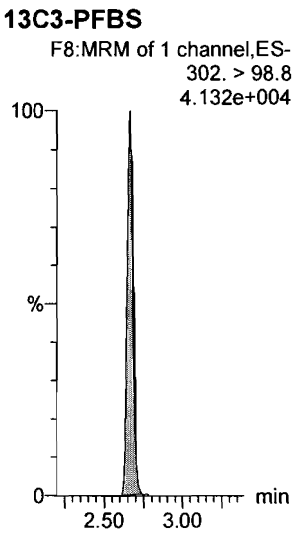
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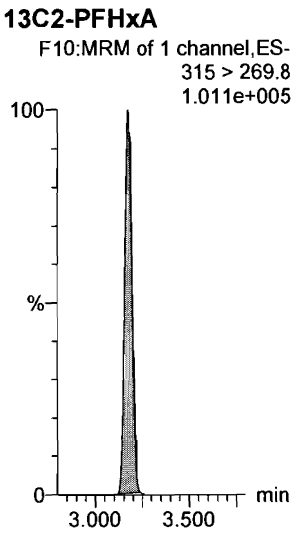
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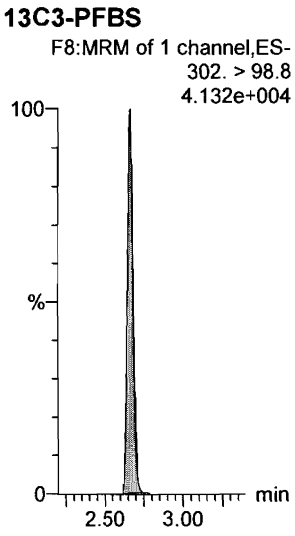
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13C2-PFHxA



13C3-PFBS

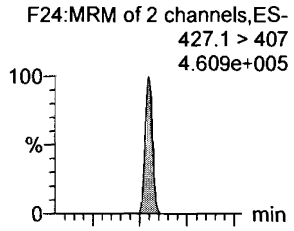


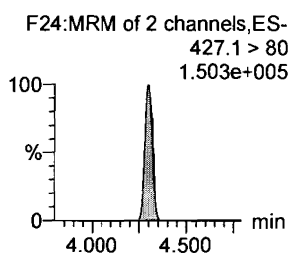
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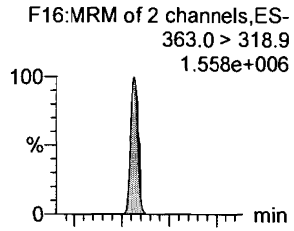
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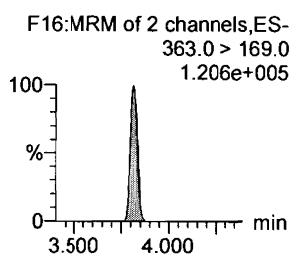
6:2 FTS



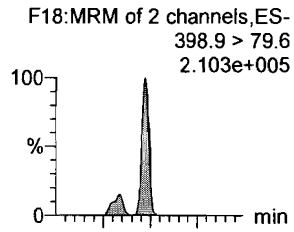


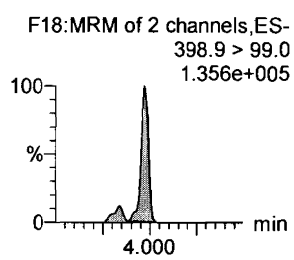
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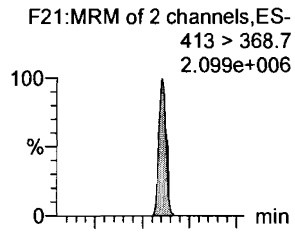


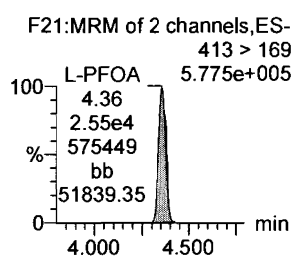
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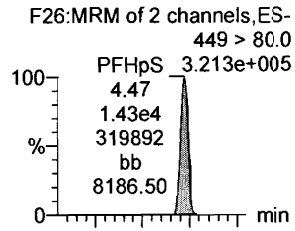


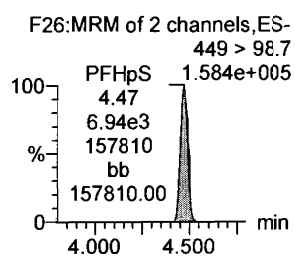
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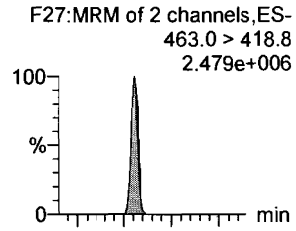


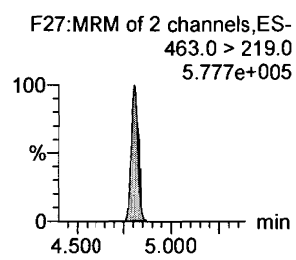
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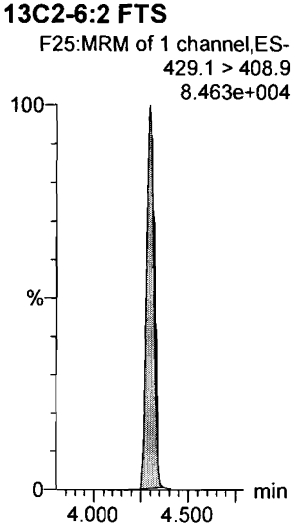


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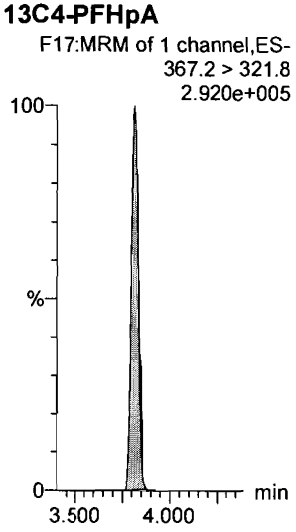




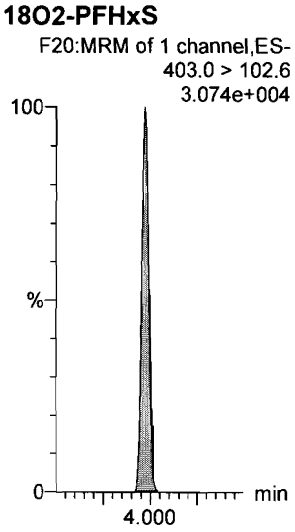
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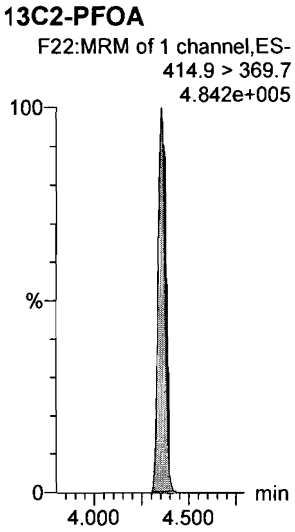
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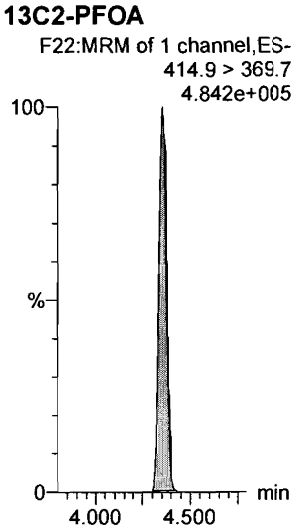
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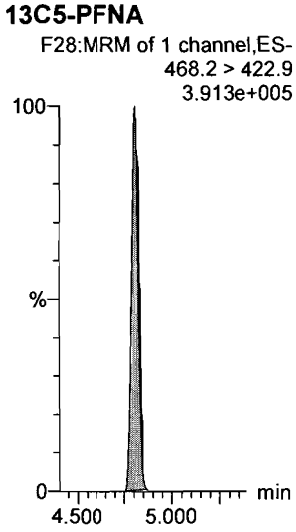
13C2-PFOA



13C2-PFOA



13C5-PFNA

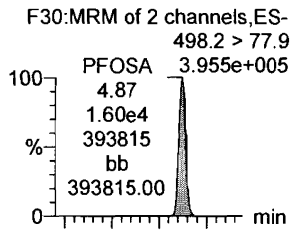


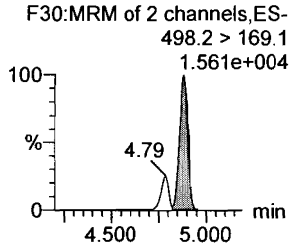
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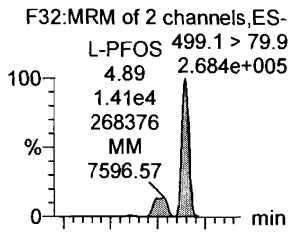
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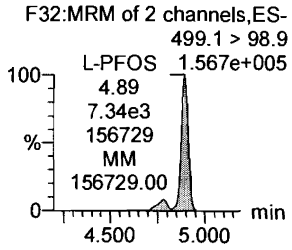
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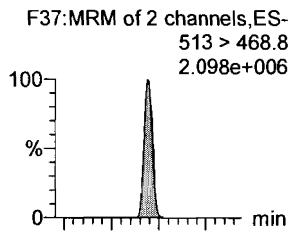


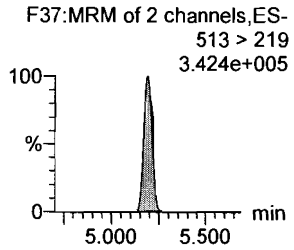
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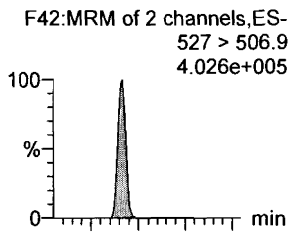


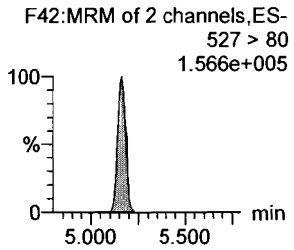
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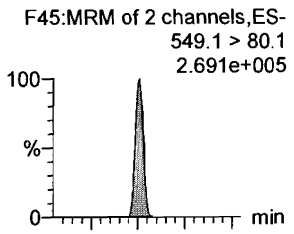


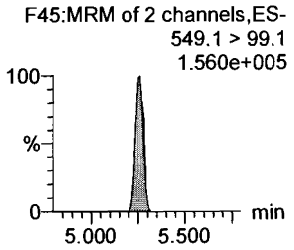
8:2 FTS



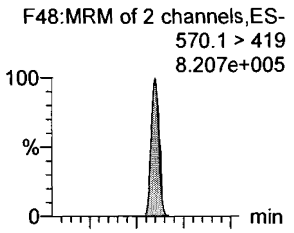


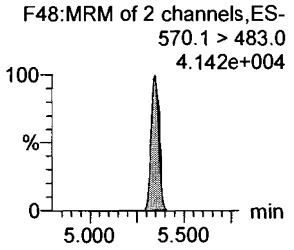
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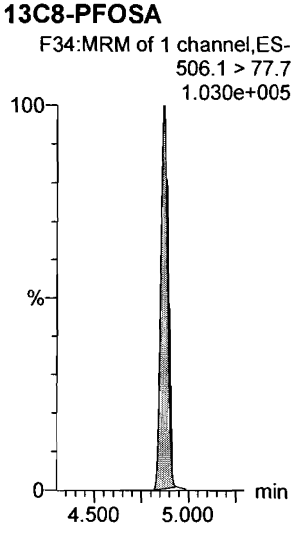


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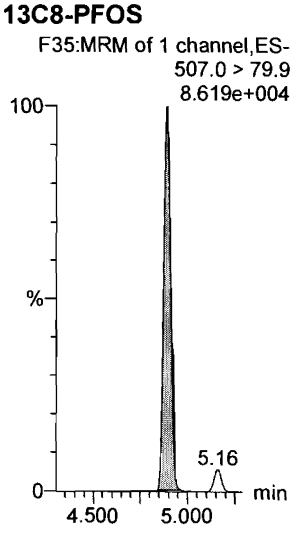




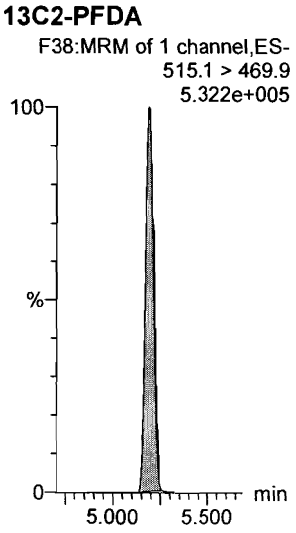
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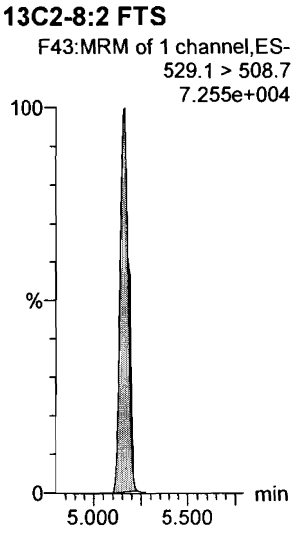
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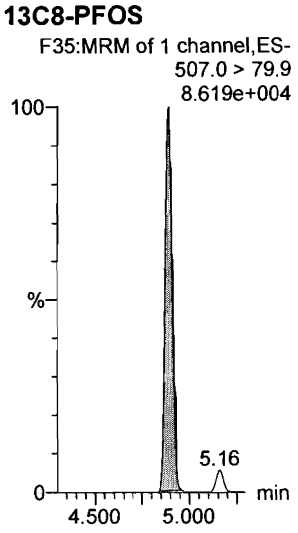
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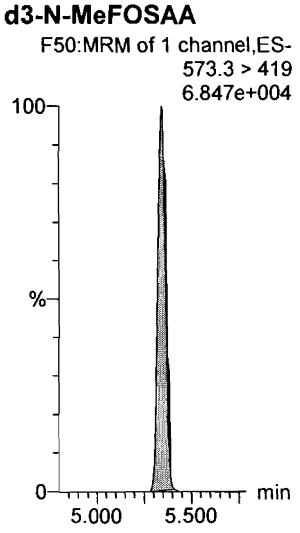
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

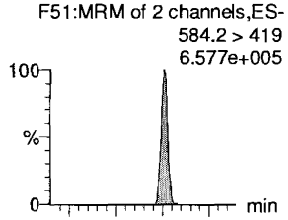


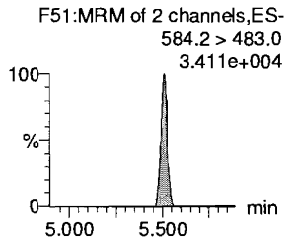
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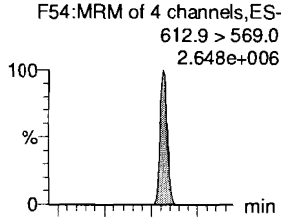
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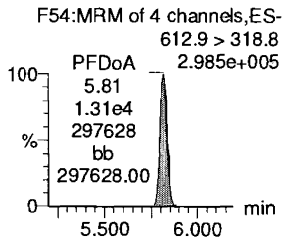
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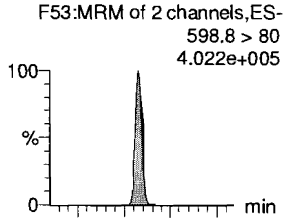


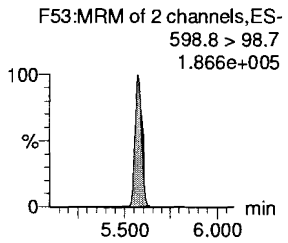
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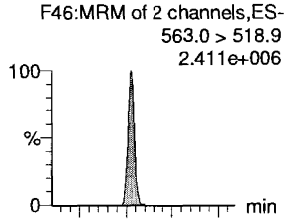


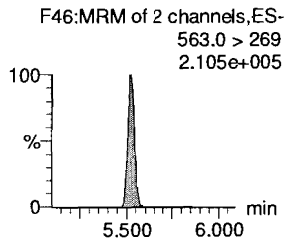
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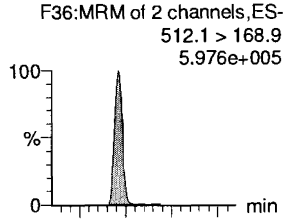


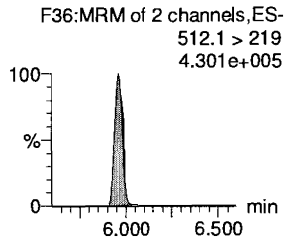
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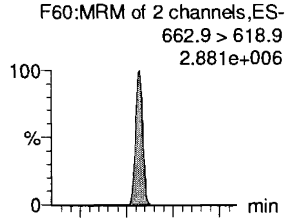


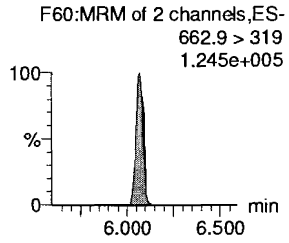
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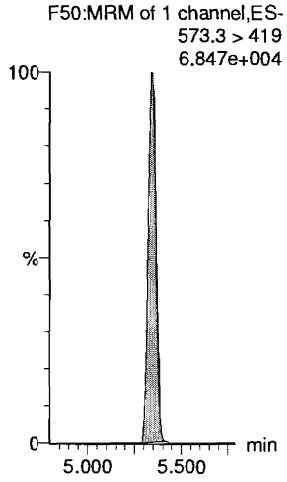


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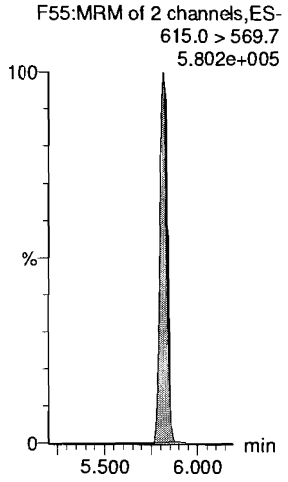




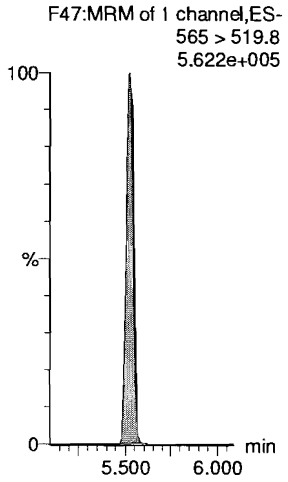
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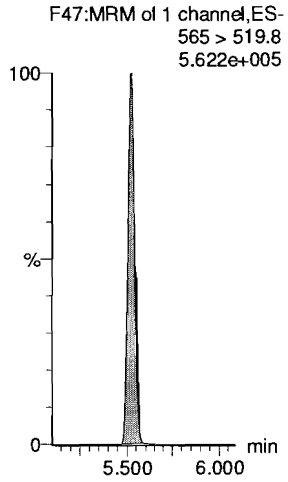
13C2-PFDoA



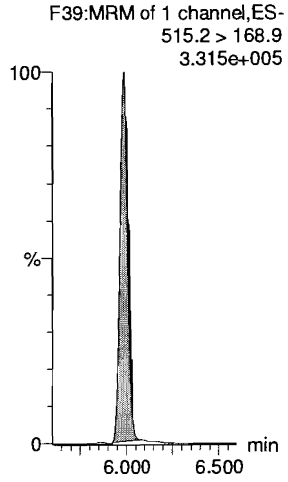
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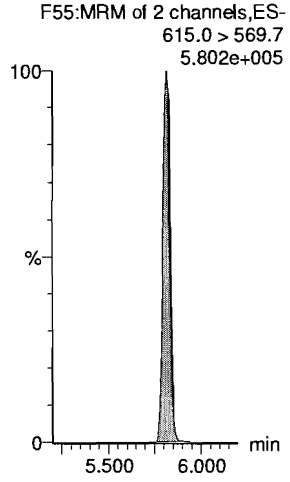
13C2-PFUdA



d3-N-MeFOSA



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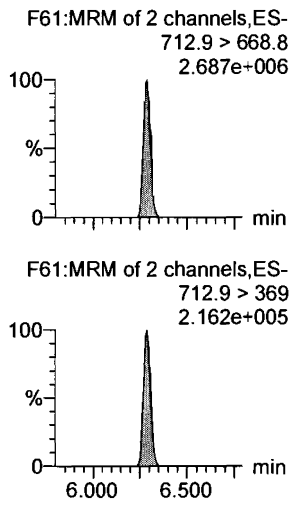


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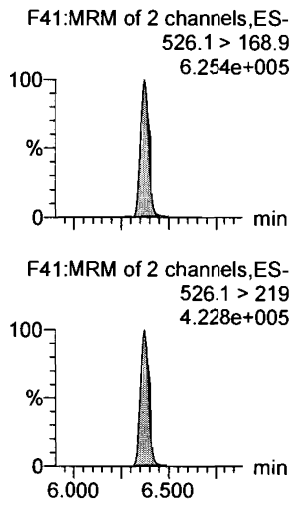
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Name: 180524M1_8, Date: 24-May-2018, Time: 15:10:21, ID: ST180524M1-7 PFC CS4 18E1408, Description: PFC CS4 18E1408

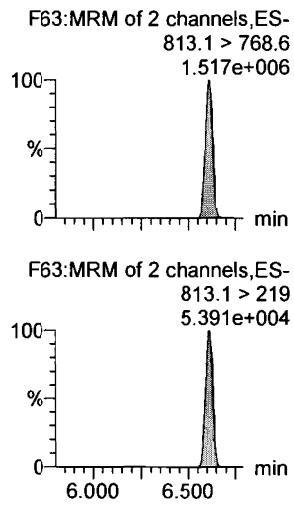
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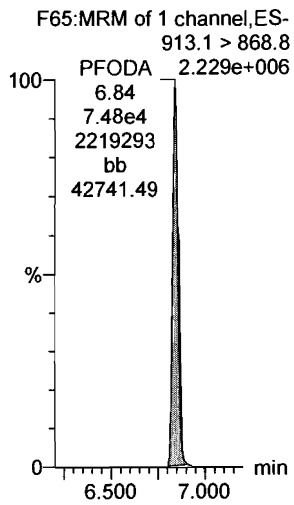
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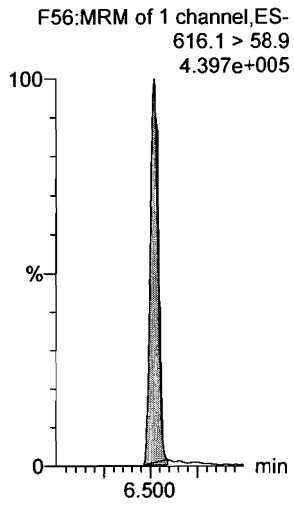
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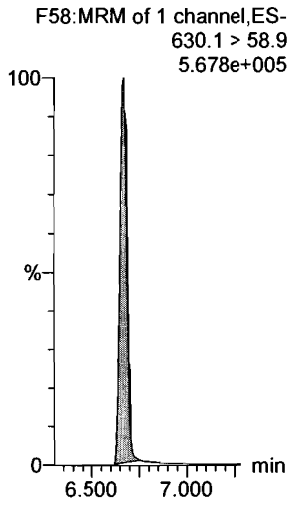
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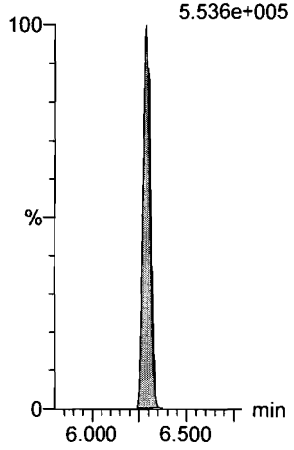
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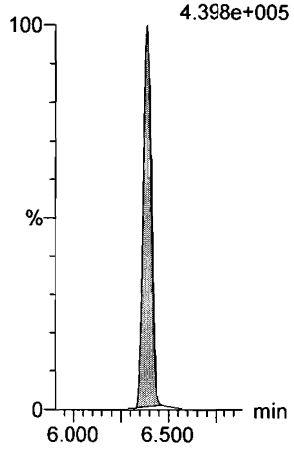
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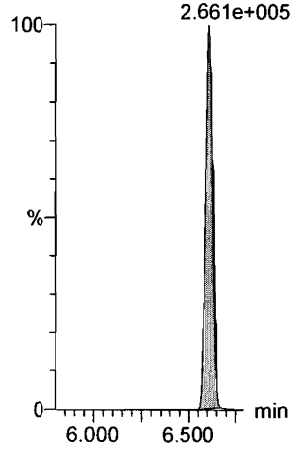
13C2-PFTeDA



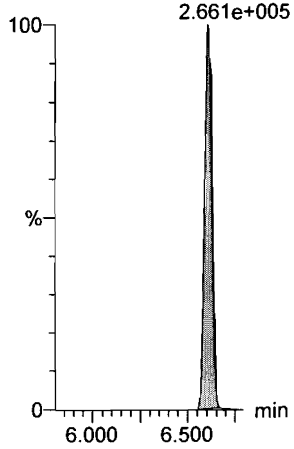
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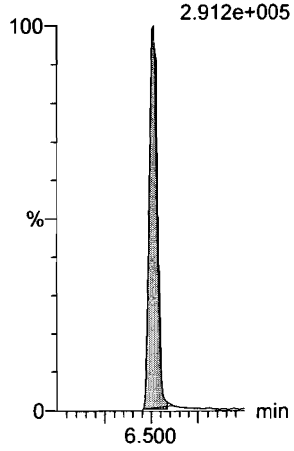
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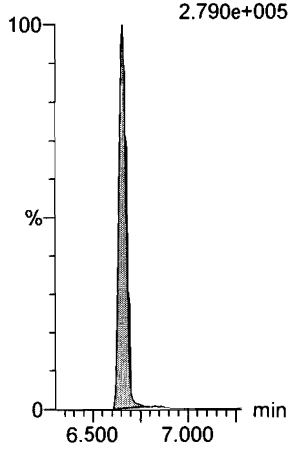
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d7-N-MeFOSE



d9-N-EtFOSE

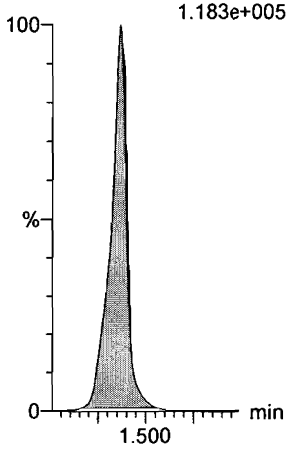


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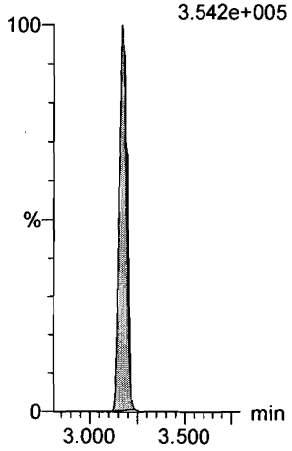
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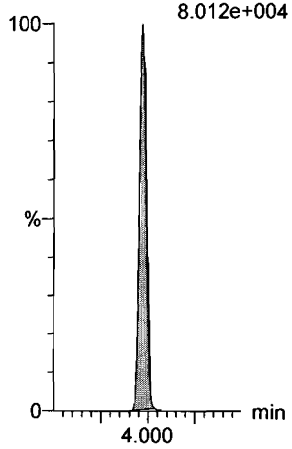
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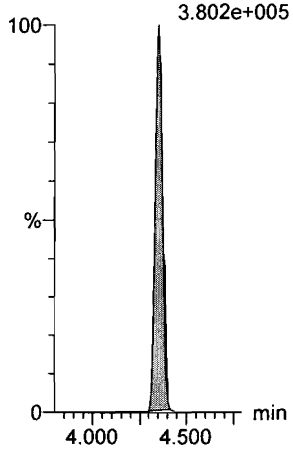
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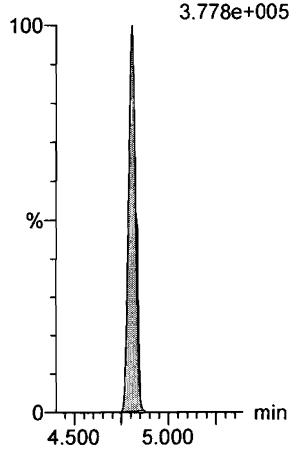
13C3-PFHxS



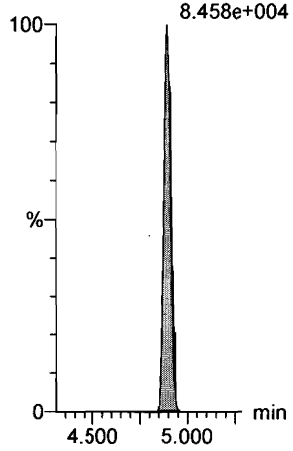
13C8-PFOA



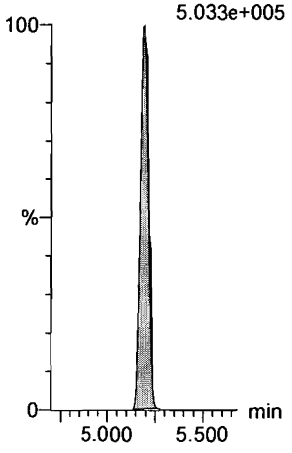
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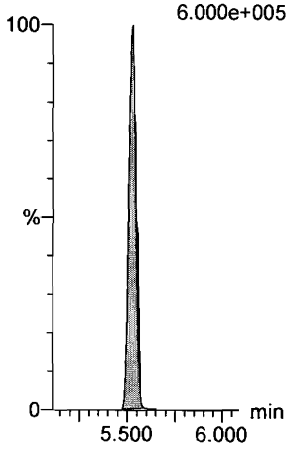
13C4-PFOS



13C6-PFDA



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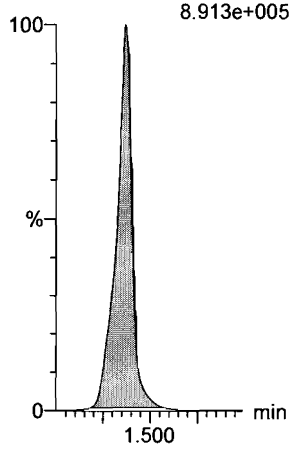


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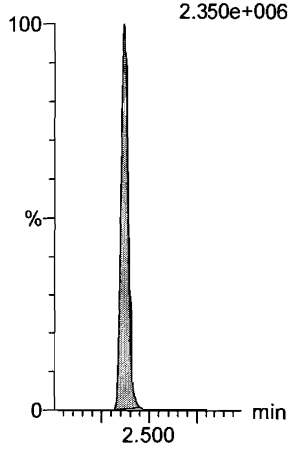
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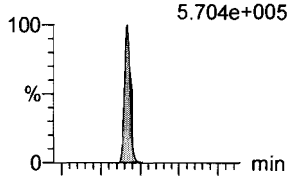
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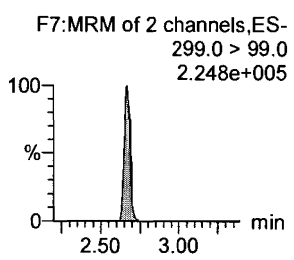


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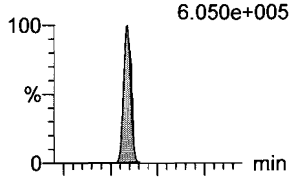


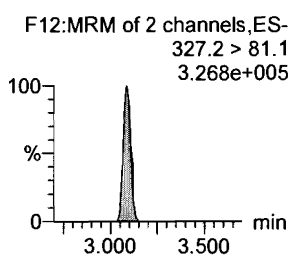
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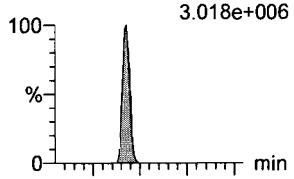


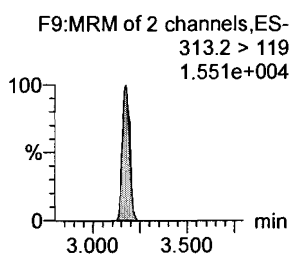
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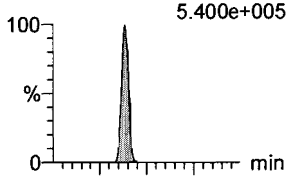


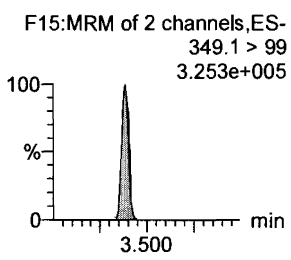
PFHxA



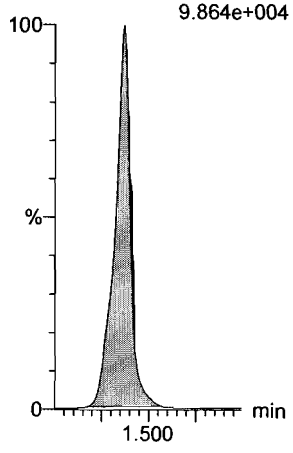


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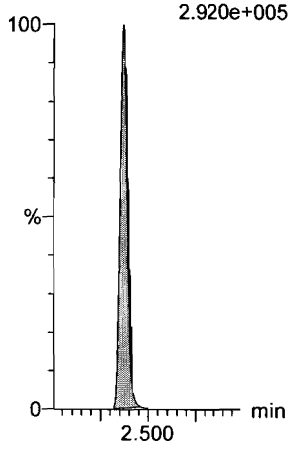




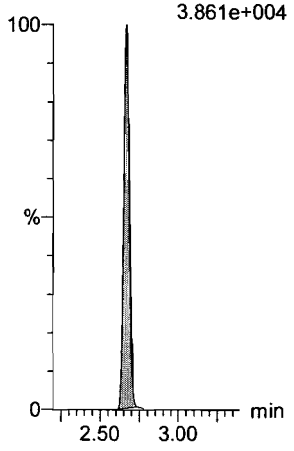
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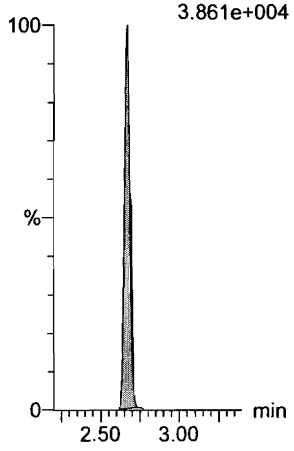
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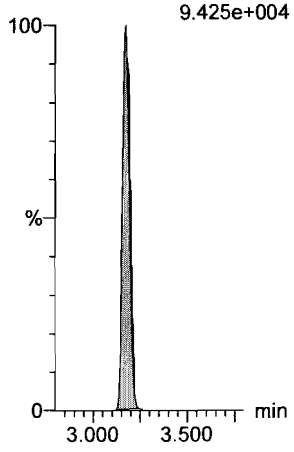
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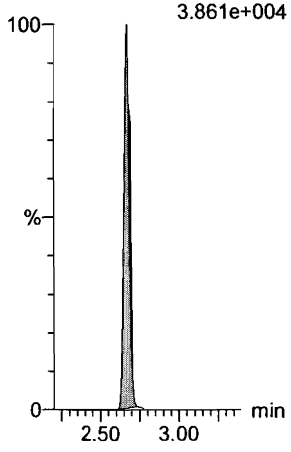
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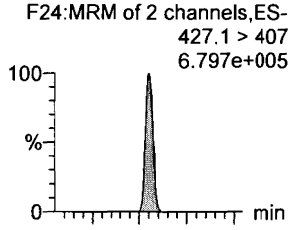


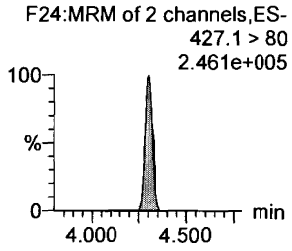
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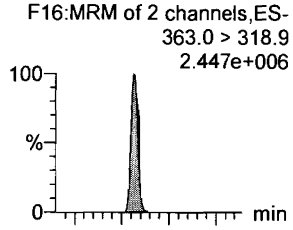
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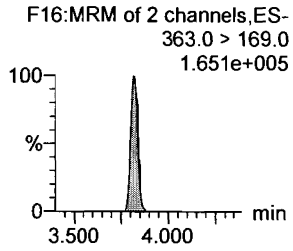
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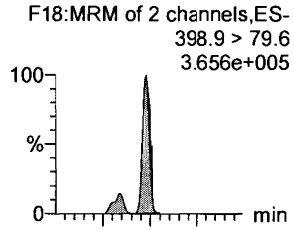


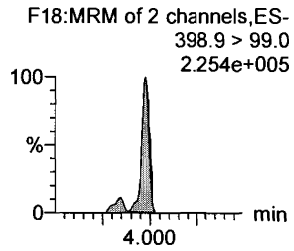
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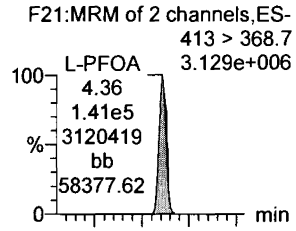


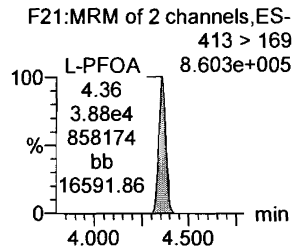
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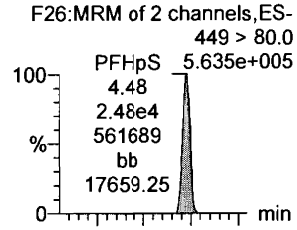


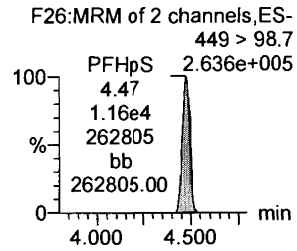
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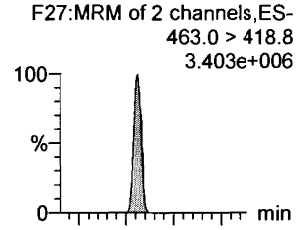


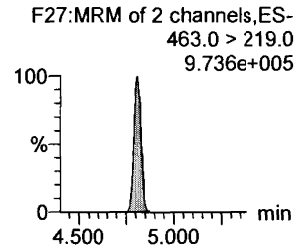
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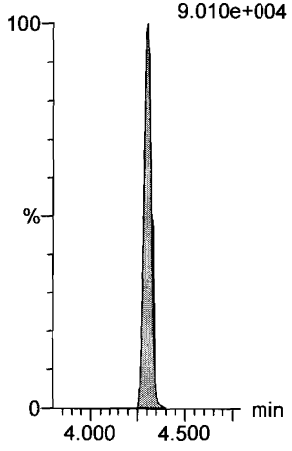


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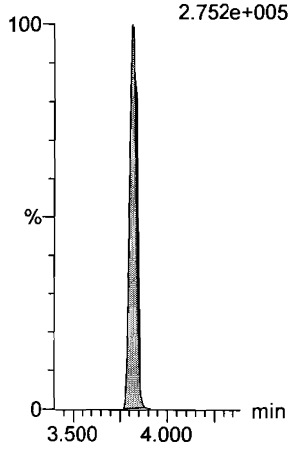




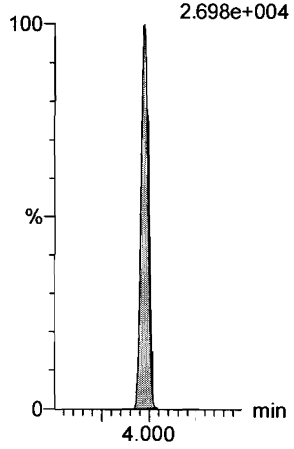
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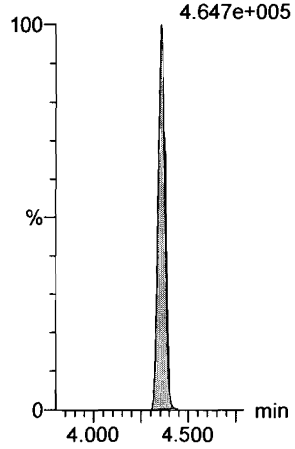
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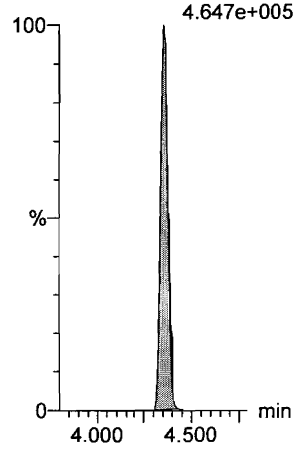
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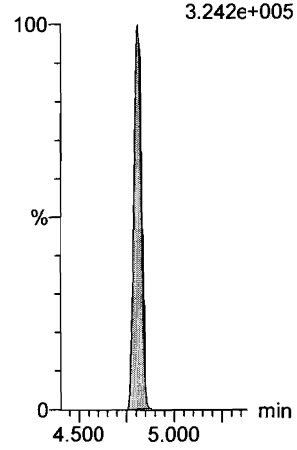
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13C2-PFOA



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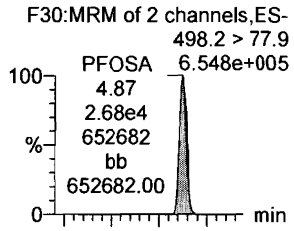


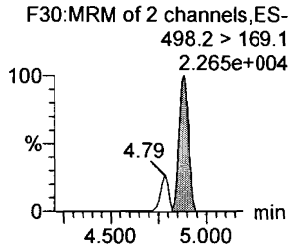
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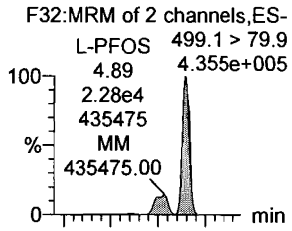
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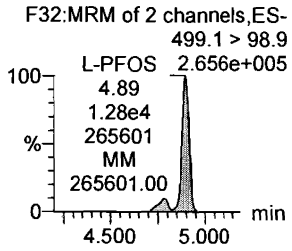
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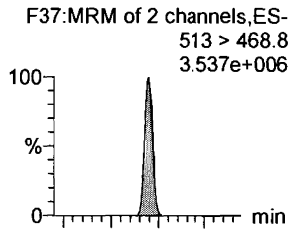


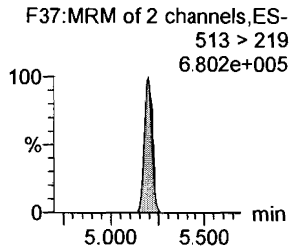
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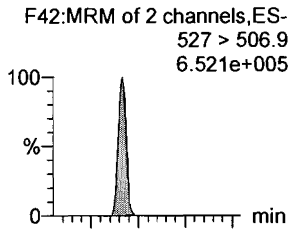


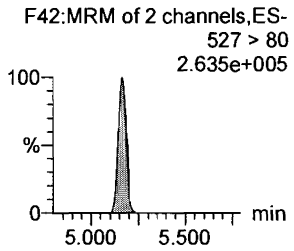
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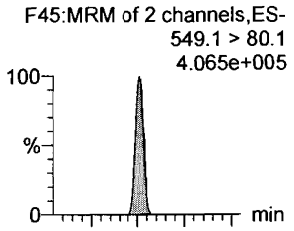


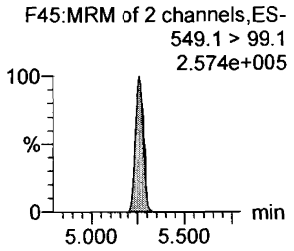
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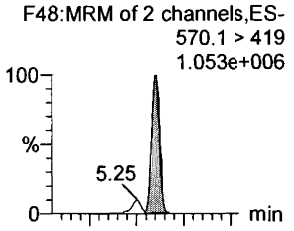


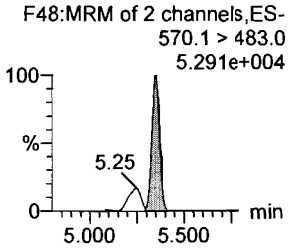
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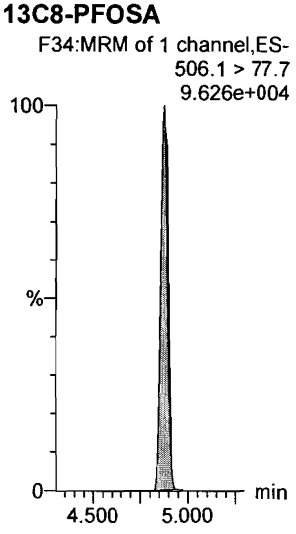


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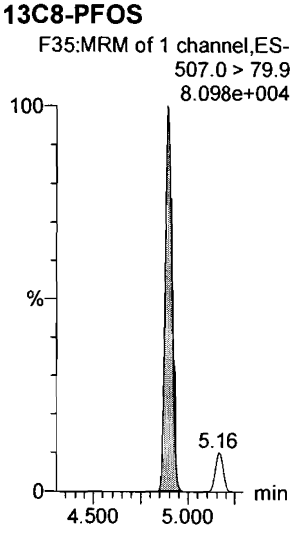




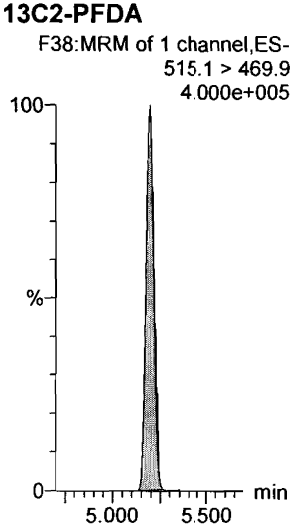
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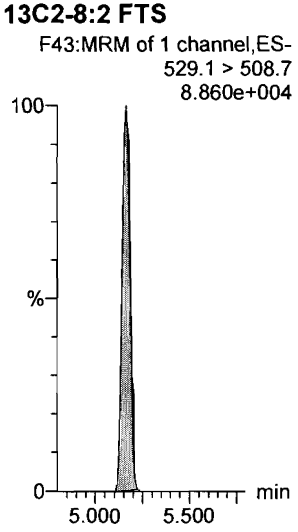
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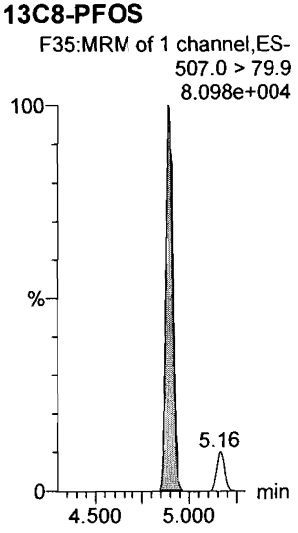
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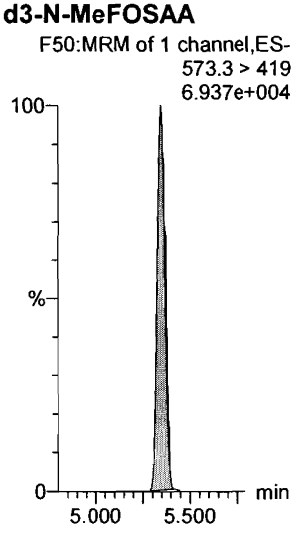
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13C8-PFOS



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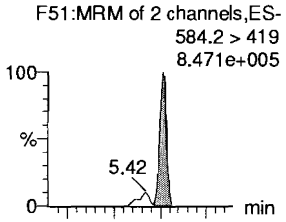


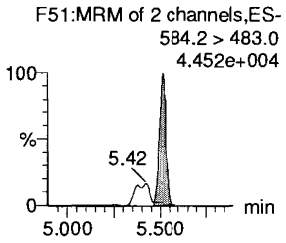
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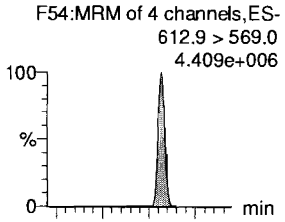
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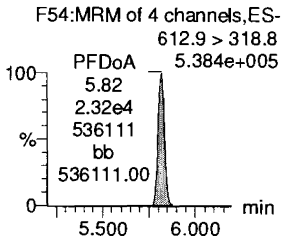
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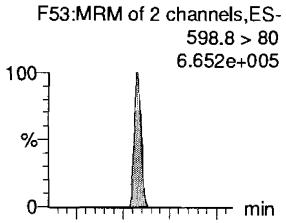


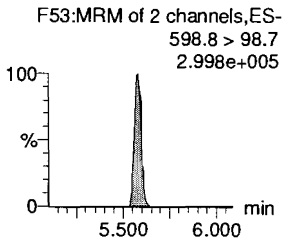
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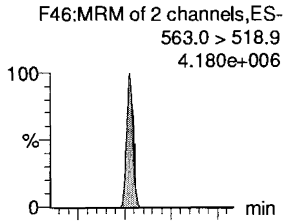


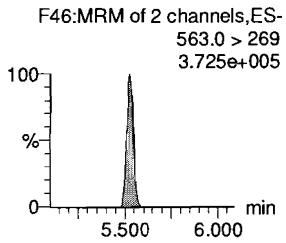
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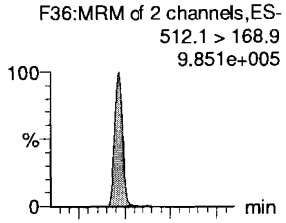


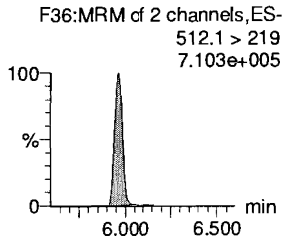
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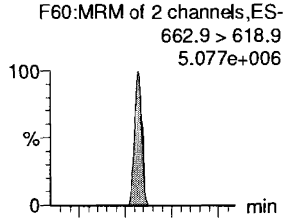


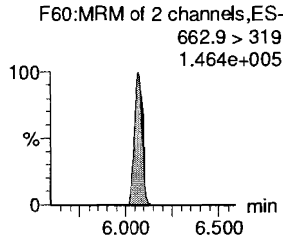
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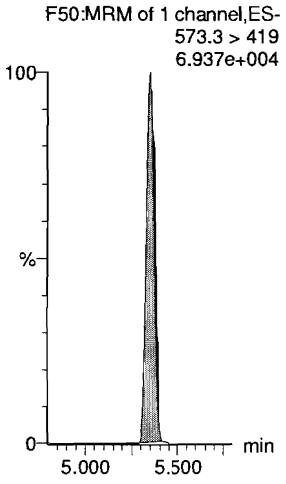


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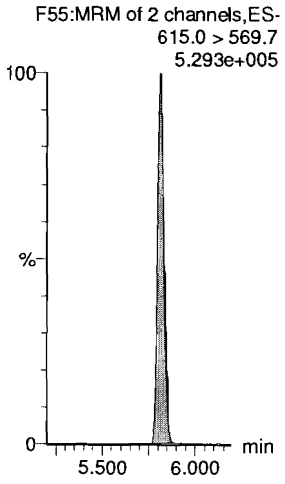




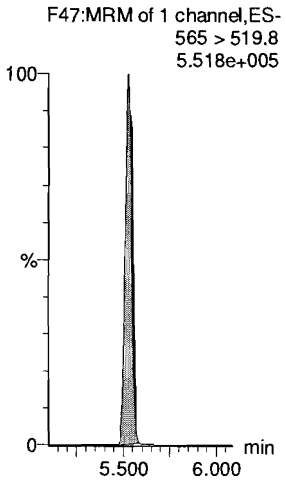
d3-N-MeFOSAA



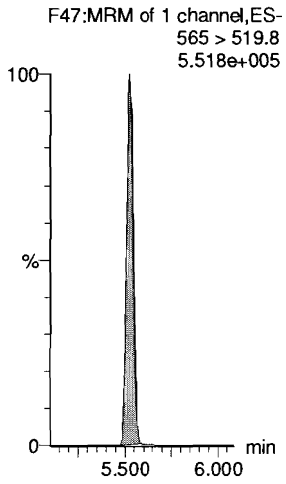
13C2-PFDoA



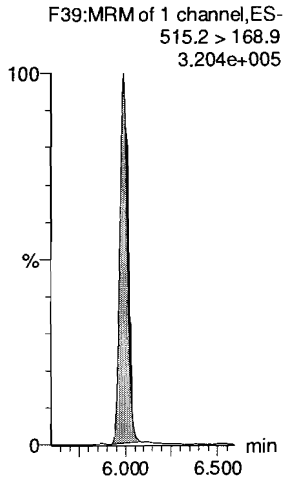
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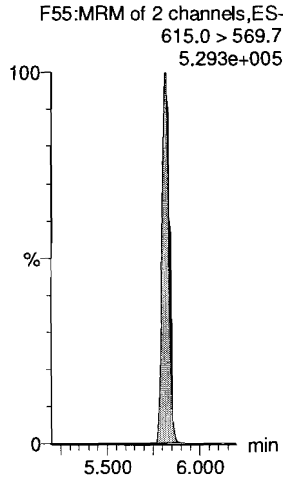
13C2-PFUdA



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13C2-PFDoA

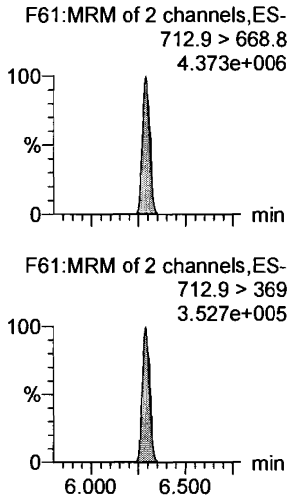


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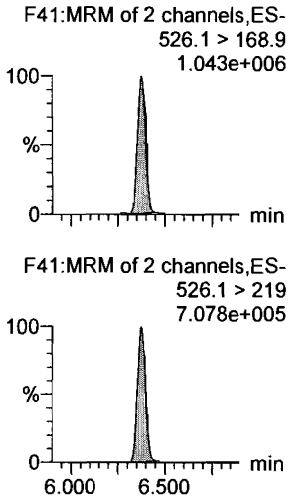
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Name: 180524M1_9, Date: 24-May-2018, Time: 15:20:51, ID: ST180524M1-8 PFC CS5 18E2107, Description: PFC CS5 18E2107

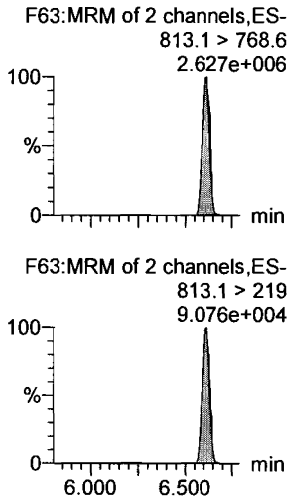
PFTeDA



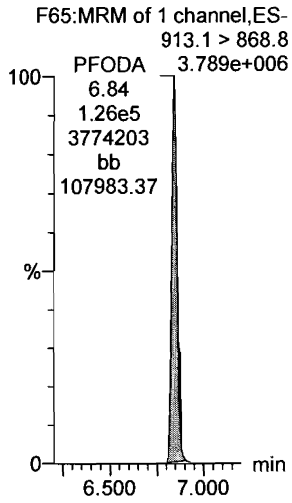
N-EtFOSA



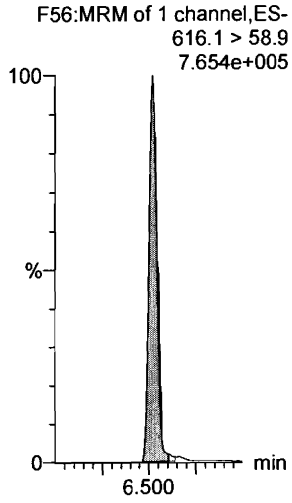
PFHxDA



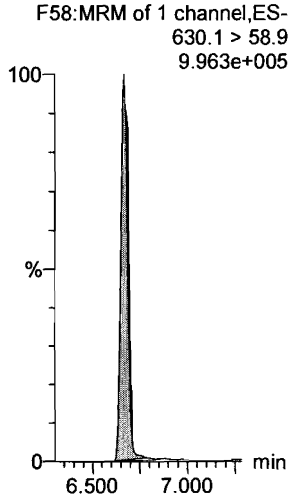
PFODA



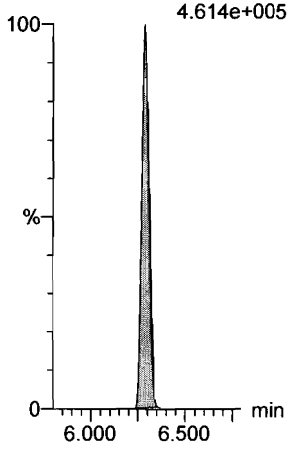
N-MeFOSE



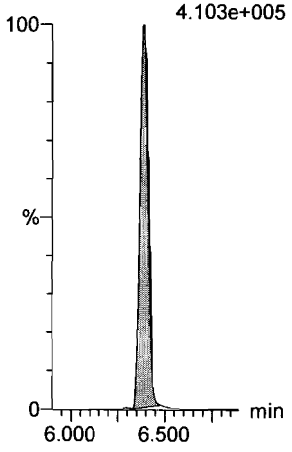
N-EtFOSE



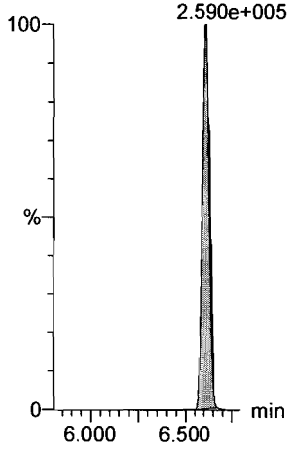
13C2-PFTeDA



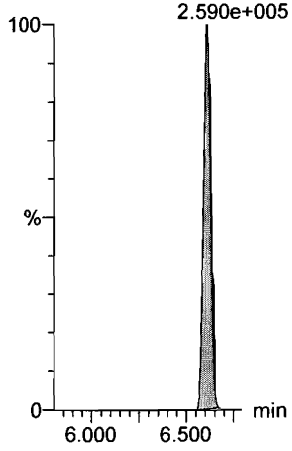
d5-N-ETFOSA



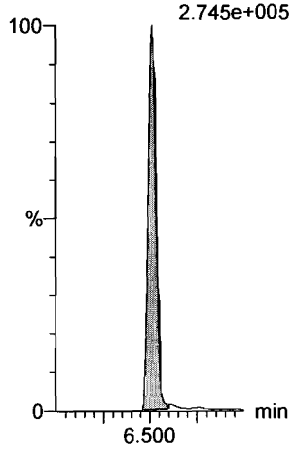
13C2-PFHxDA



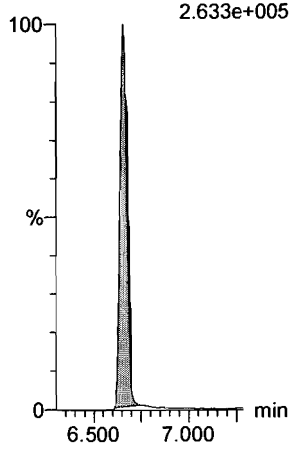
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE

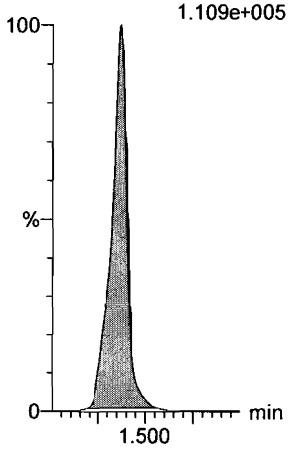


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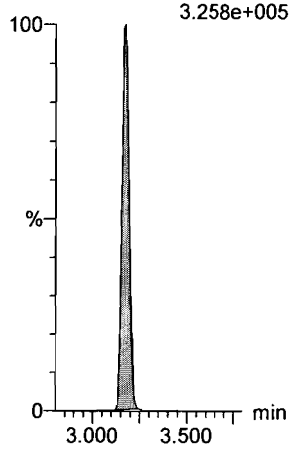
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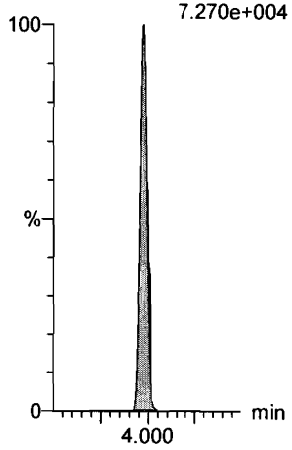
13C4-PFBA



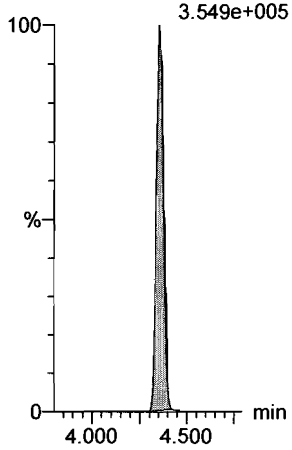
13C5-PFHxA



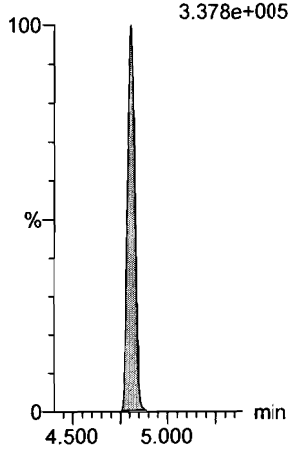
13C3-PFHxS



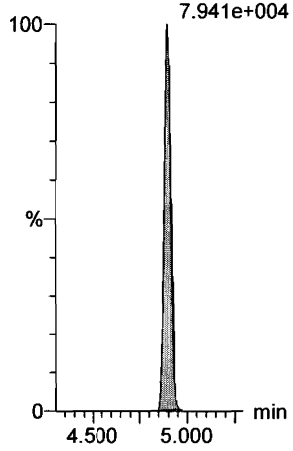
13C8-PFOA



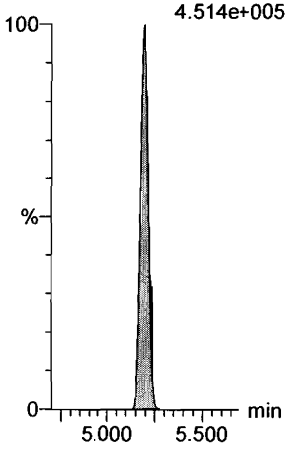
13C9-PFNA



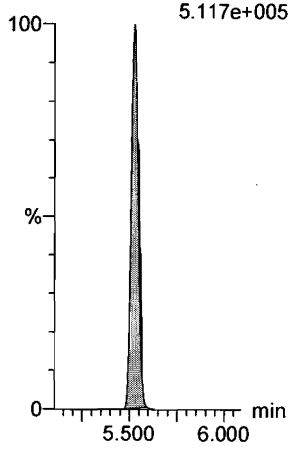
13C4-PFOS



13C6-PFDA



13C7-PFUdA

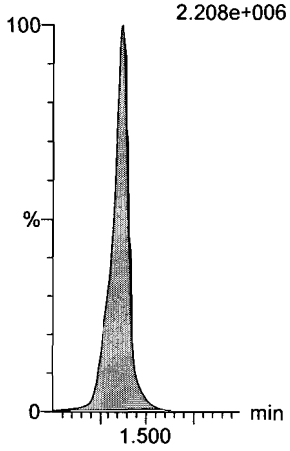


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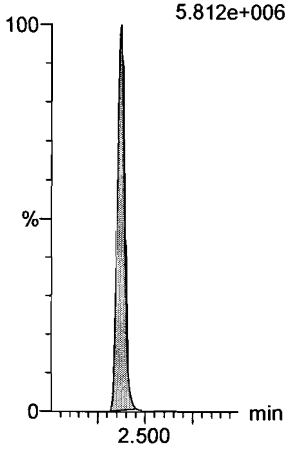
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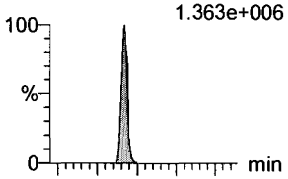
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
2.208e+006



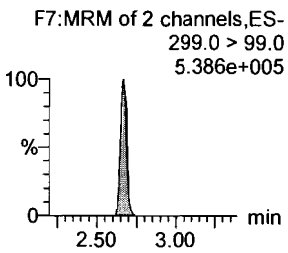
PFPeA
F5:MRM of 1 channel,ES-
263.1 > 218.9
5.812e+006



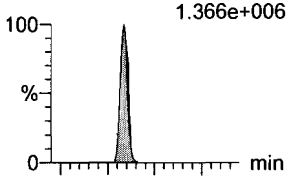
PFBS
F7:MRM of 2 channels,ES-
299.0 > 79.7
1.363e+006



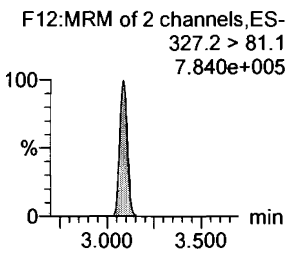
F7:MRM of 2 channels,ES-
299.0 > 99.0
5.386e+005



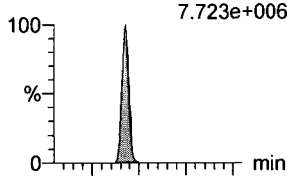
4:2 FTS
F12:MRM of 2 channels,ES-
327.2 > 307.2
1.366e+006



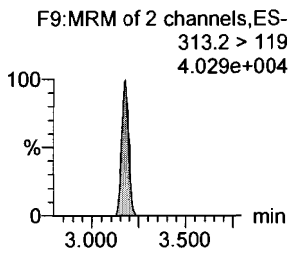
F12:MRM of 2 channels,ES-
327.2 > 81.1
7.840e+005



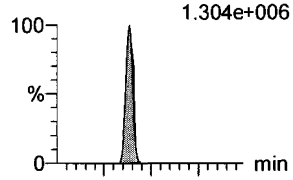
PFHxA
F9:MRM of 2 channels,ES-
313.2 > 268.9
7.723e+006



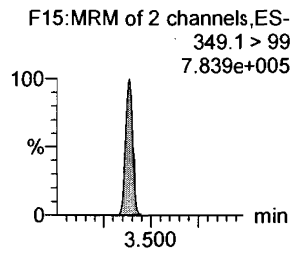
F9:MRM of 2 channels,ES-
313.2 > 119
4.029e+004



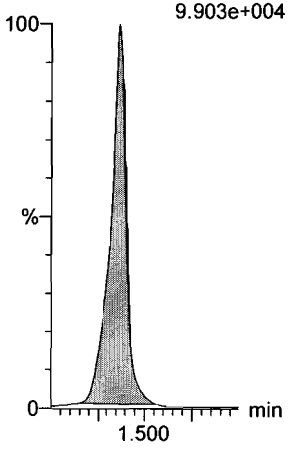
PFPeS
F15:MRM of 2 channels,ES-
349.1 > 80.1
1.304e+006



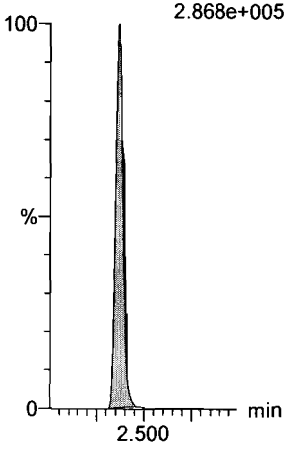
F15:MRM of 2 channels,ES-
349.1 > 99
7.839e+005



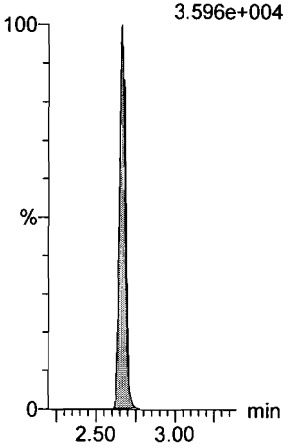
13C3-PFBA
F3:MRM of 1 channel,ES-
216.1 > 171.8
9.903e+004



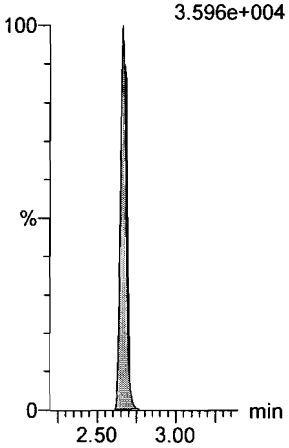
13C3-PFPeA
F6:MRM of 1 channel,ES-
266. > 221.8
2.868e+005



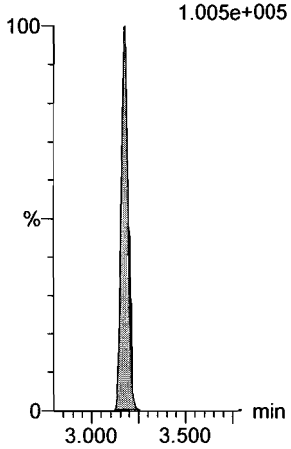
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
3.596e+004



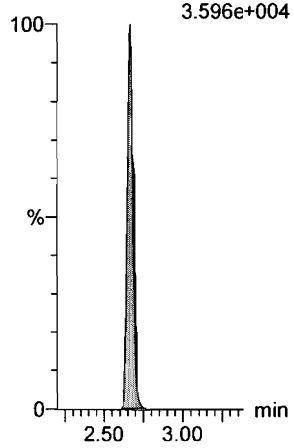
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
3.596e+004



13C2-PFHxA
F10:MRM of 1 channel,ES-
315 > 269.8
1.005e+005



13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
3.596e+004

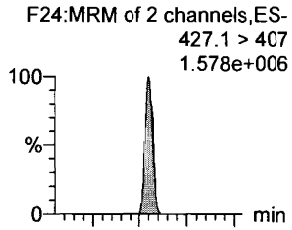


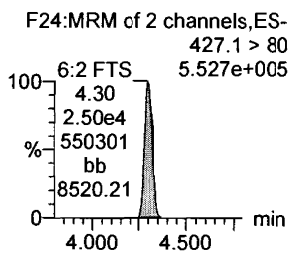
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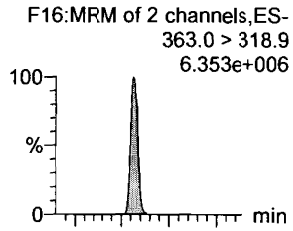
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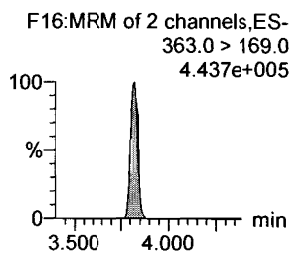
6:2 FTS



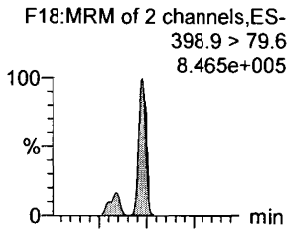


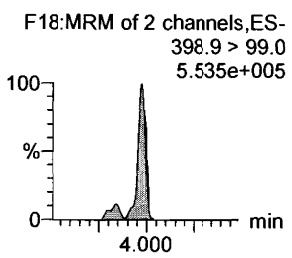
PFHpA



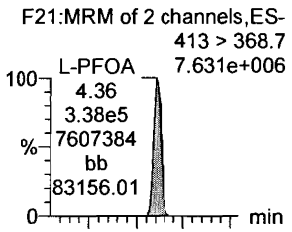


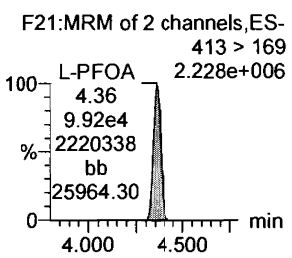
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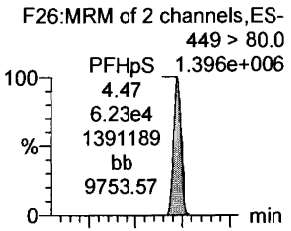


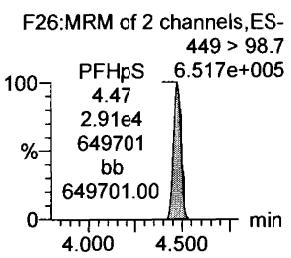
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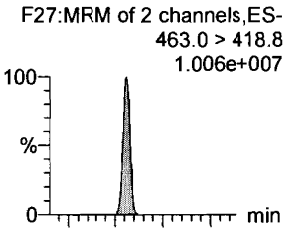


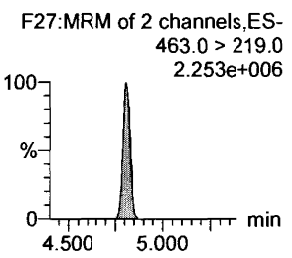
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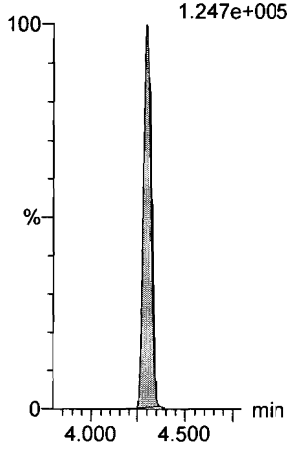


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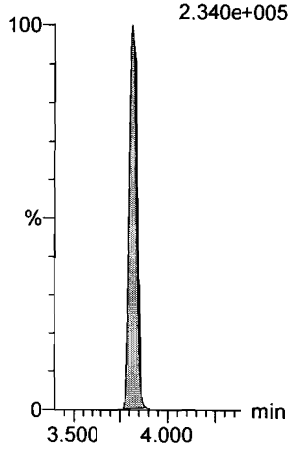




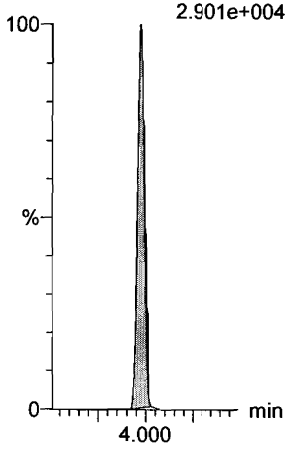
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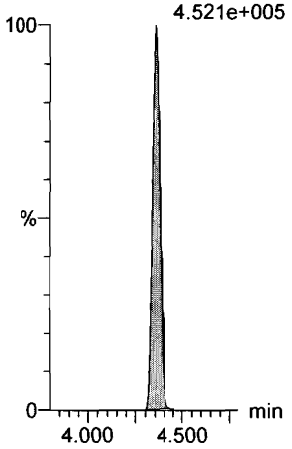
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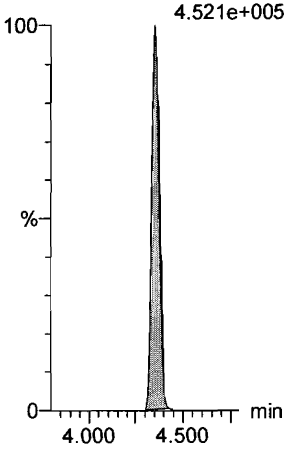
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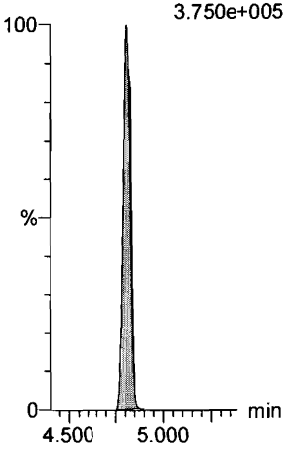
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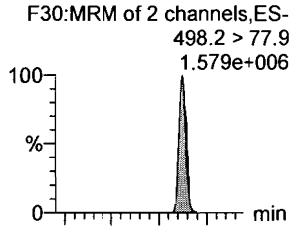


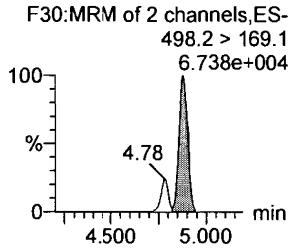
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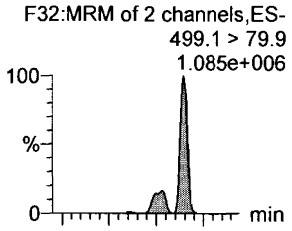
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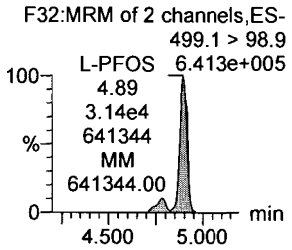
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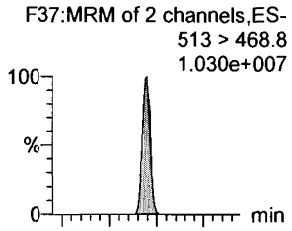


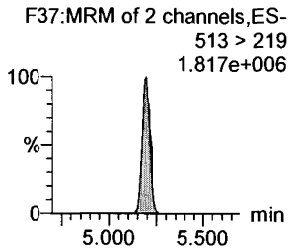
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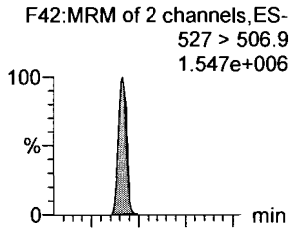


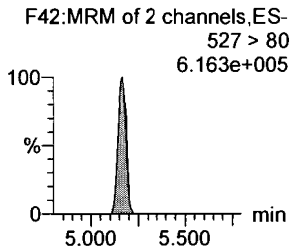
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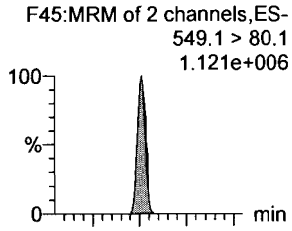


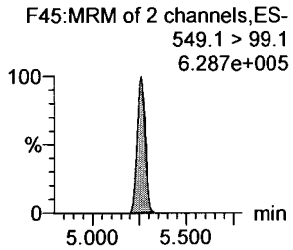
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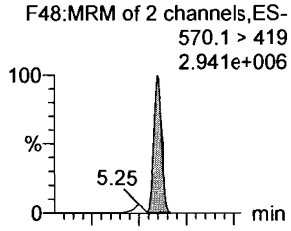


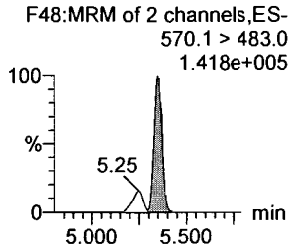
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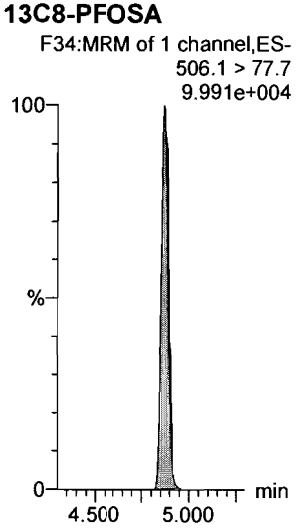


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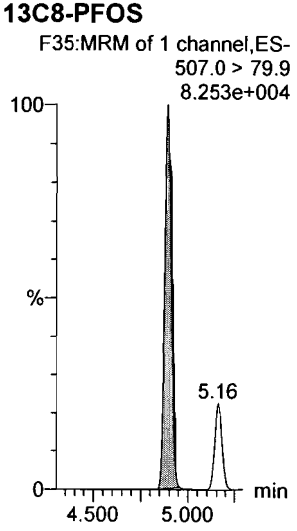




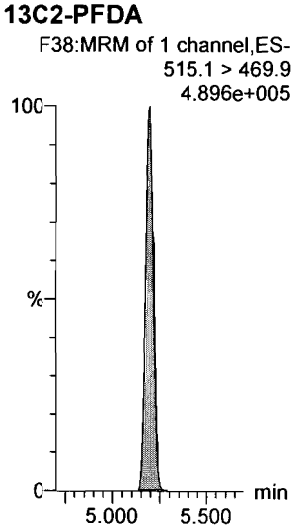
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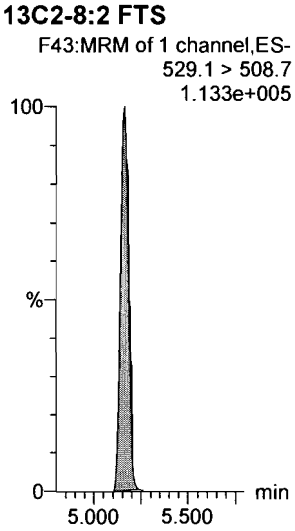
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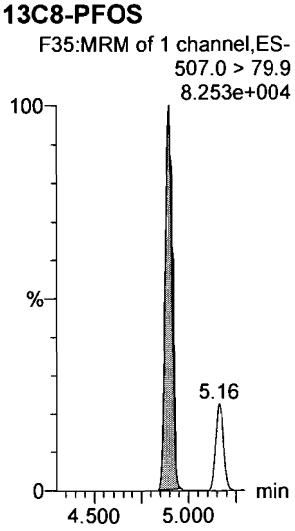
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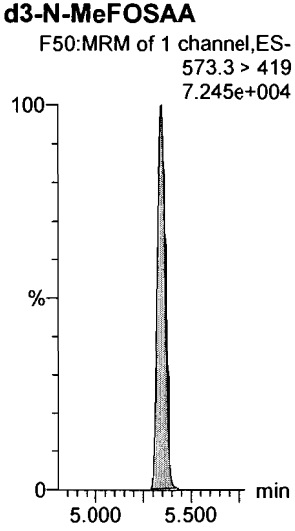
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13C8-PFOS



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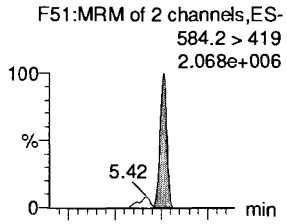


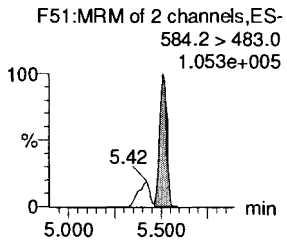
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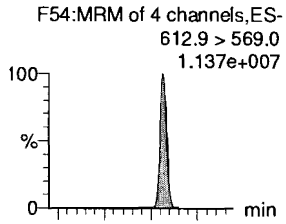
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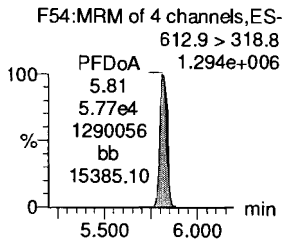
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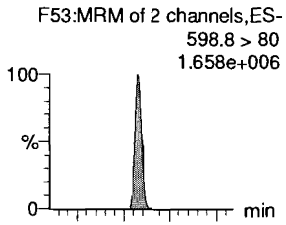


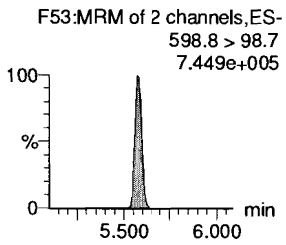
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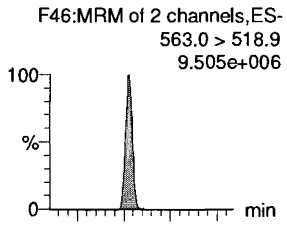


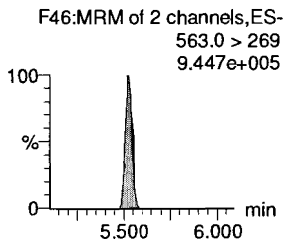
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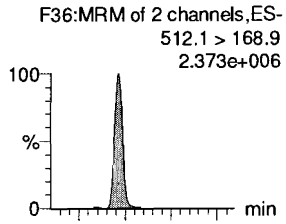


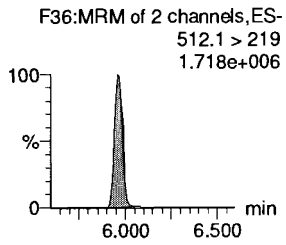
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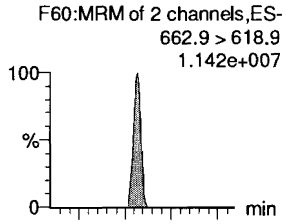


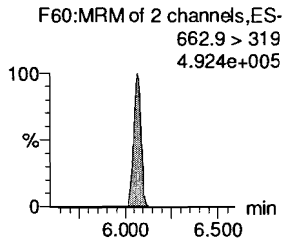
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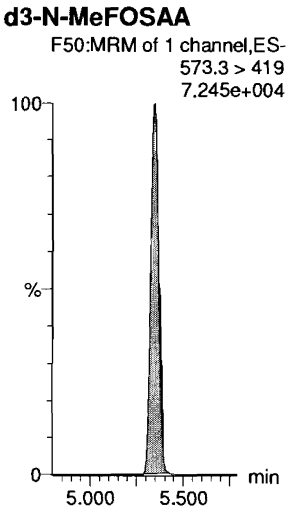


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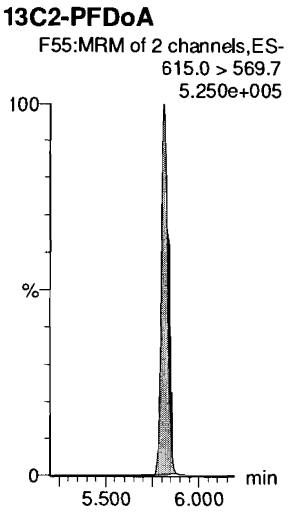




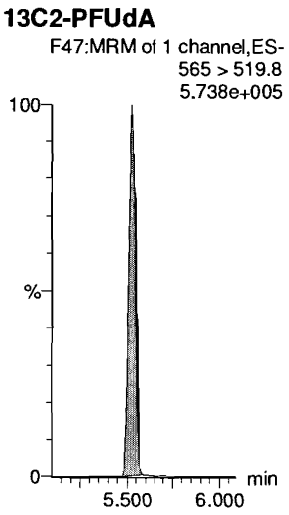
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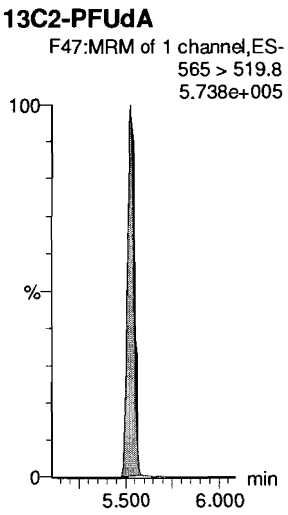
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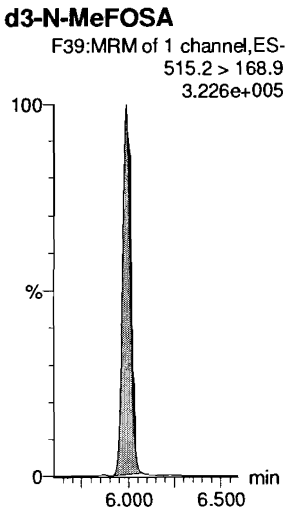
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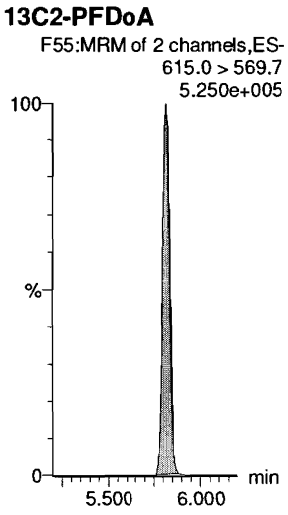
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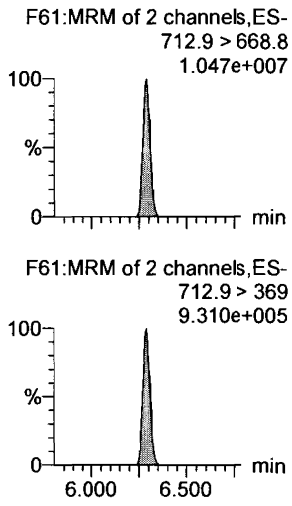


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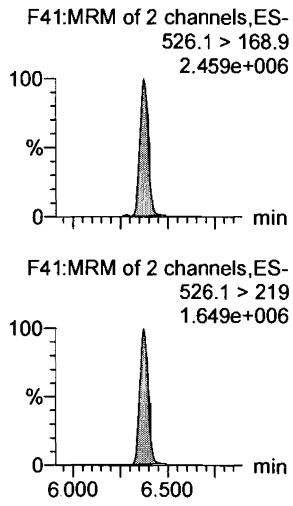
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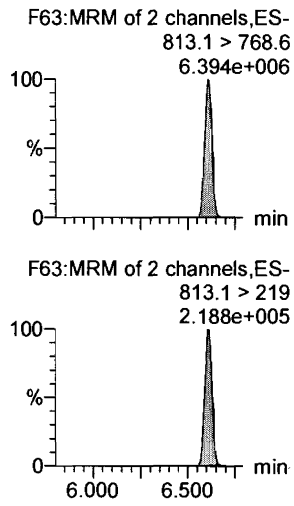
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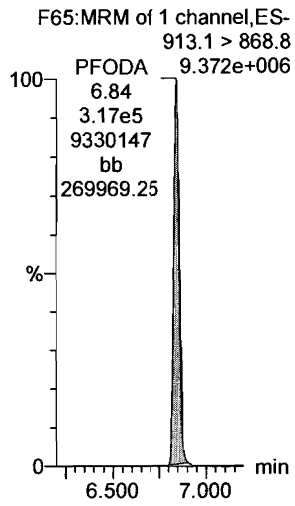
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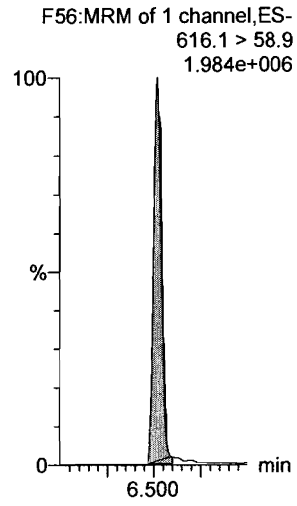
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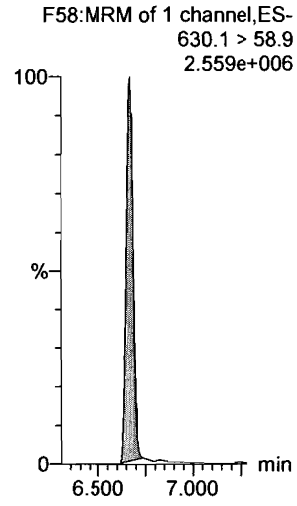
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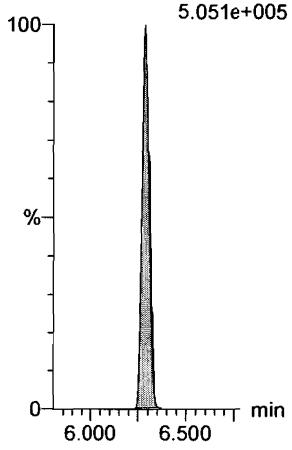
N-MeFOSE



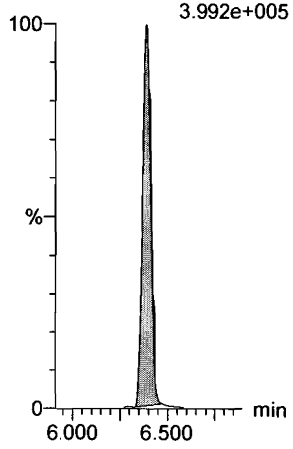
N-EtFOSE



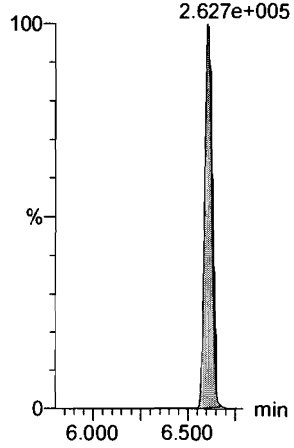
13C2-PFTeDA



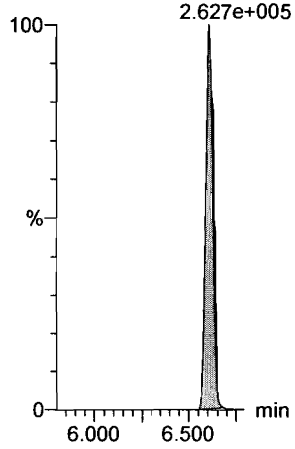
d5-N-ETFOSA



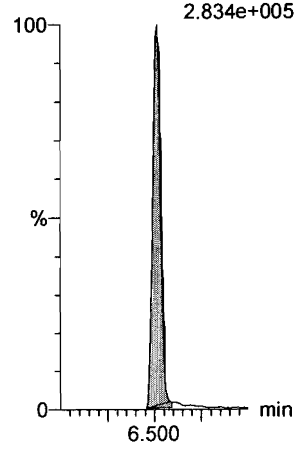
13C2-PFHxDA



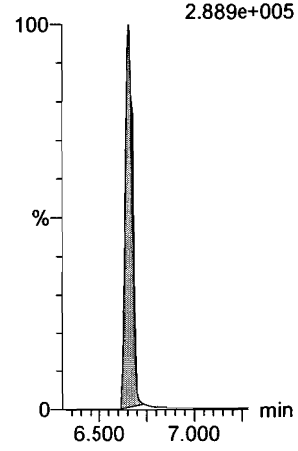
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE

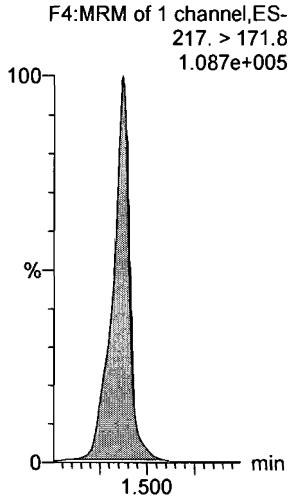


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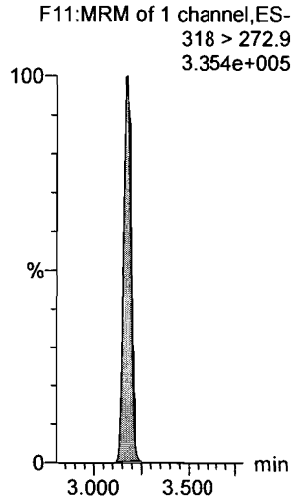
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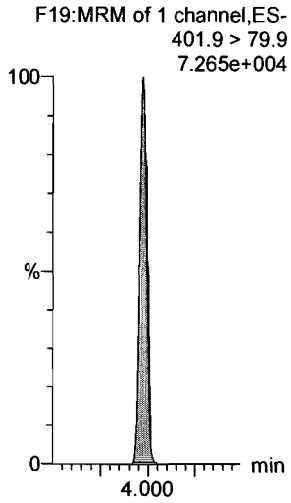
13C4-PFBA



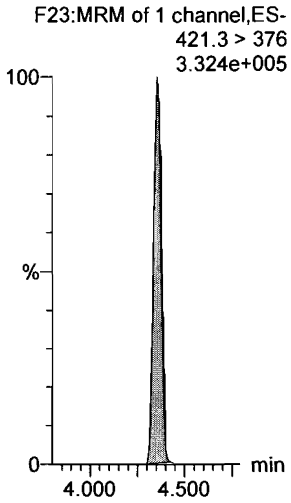
13C5-PFHxA



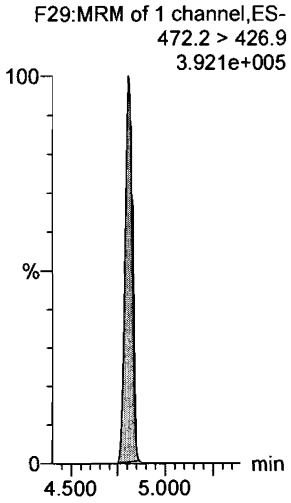
13C3-PFHxS



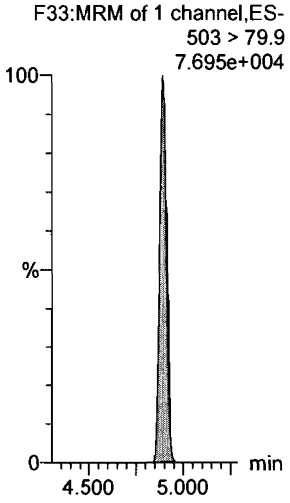
13C8-PFOA



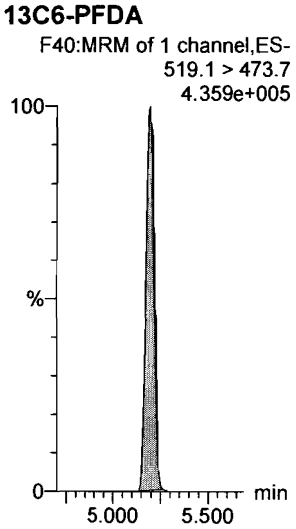
13C9-PFNA



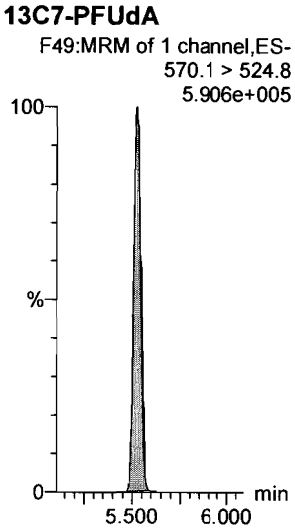
13C4-PFOS



13C6-PFDA



13C7-PFUdA

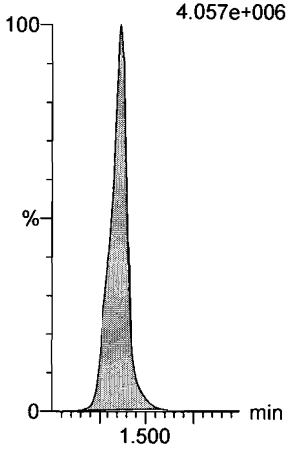


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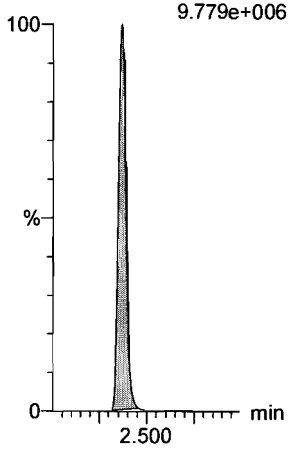
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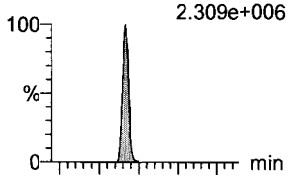
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
4.057e+006



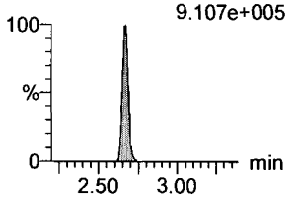
PFPeA
F5:MRM of 1 channel,ES-
263.1 > 218.9
9.779e+006



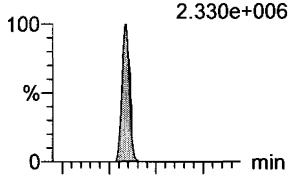
PFBS
F7:MRM of 2 channels,ES-
299.0 > 79.7
2.309e+006



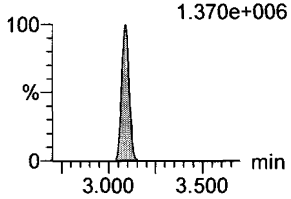
F7:MRM of 2 channels,ES-
299.0 > 99.0
9.107e+005



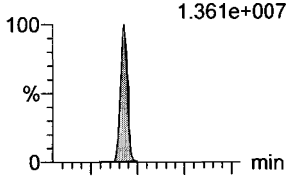
4:2 FTS
F12:MRM of 2 channels,ES-
327.2 > 307.2
2.330e+006



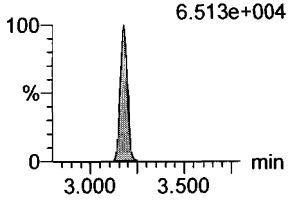
F12:MRM of 2 channels,ES-
327.2 > 81.1
1.370e+006



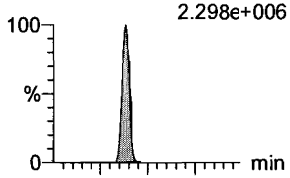
PFHxA
F9:MRM of 2 channels,ES-
313.2 > 268.9
1.361e+007



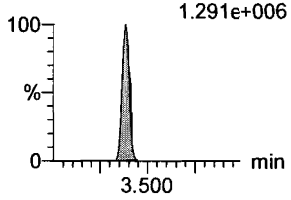
F9:MRM of 2 channels,ES-
313.2 > 119
6.513e+004



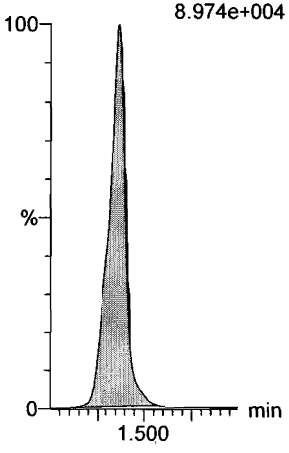
PFPeS
F15:MRM of 2 channels,ES-
349.1 > 80.1
2.298e+006



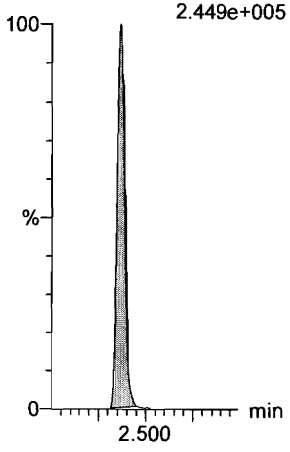
F15:MRM of 2 channels,ES-
349.1 > 99
1.291e+006



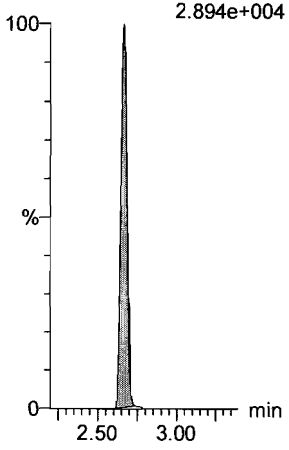
13C3-PFBA
F3:MRM of 1 channel,ES-
216.1 > 171.8
8.974e+004



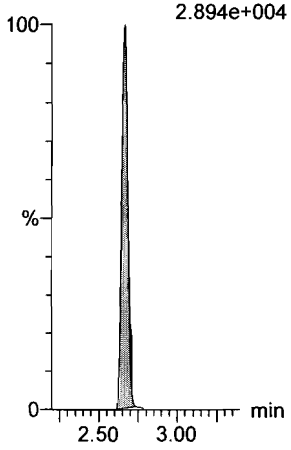
13C3-PFPeA
F6:MRM of 1 channel,ES-
266. > 221.8
2.449e+005



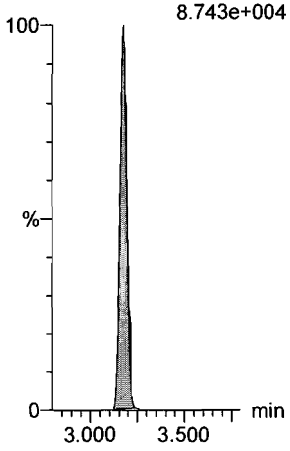
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
2.894e+004



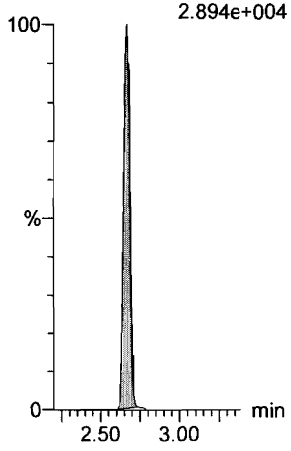
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
2.894e+004



13C2-PFHxA
F10:MRM of 1 channel,ES-
315 > 269.8
8.743e+004



13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
2.894e+004

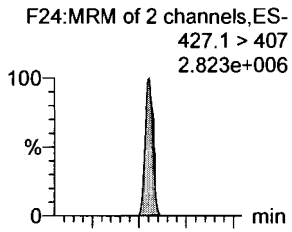


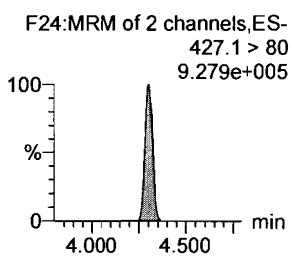
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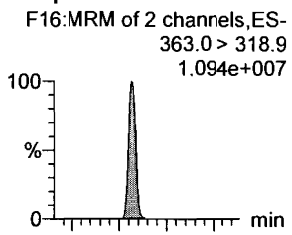
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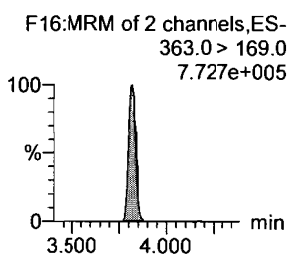
6:2 FTS



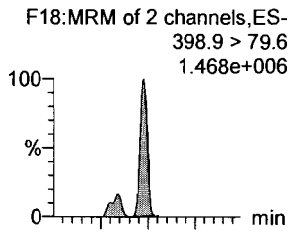


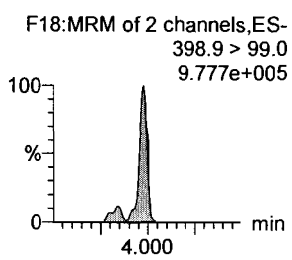
PFHpA



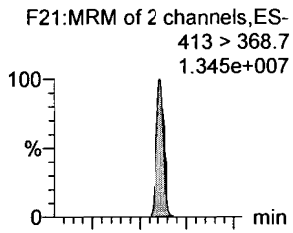


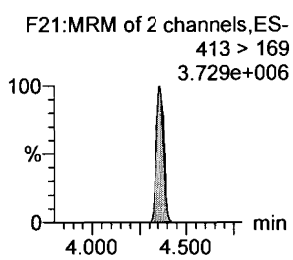
L-PFHxS



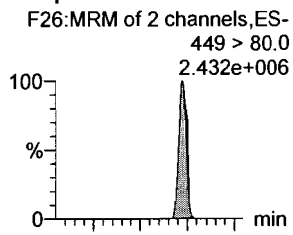


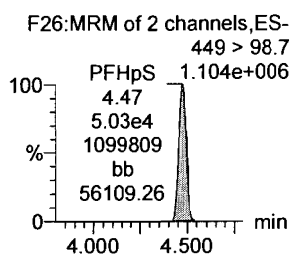
L-PFOA



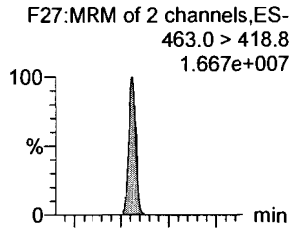


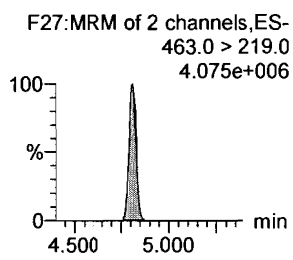
PFHpS



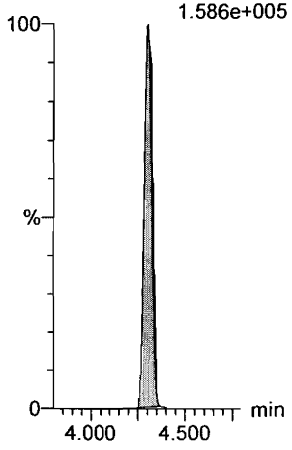


PFNA

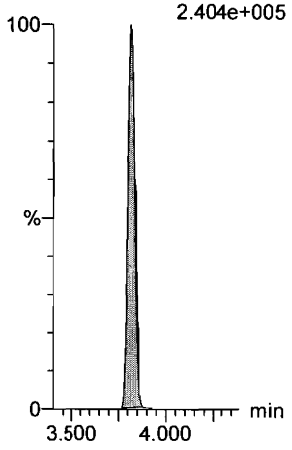




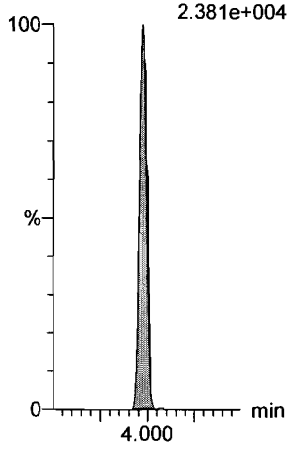
13C2-6:2 FTS



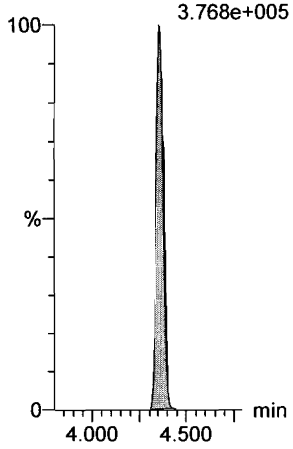
13C4-PFHpA



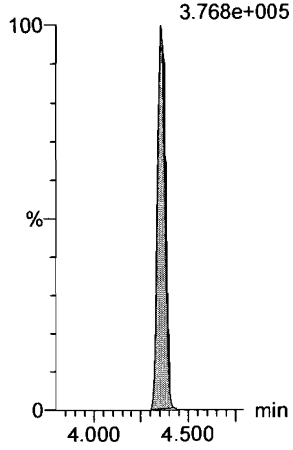
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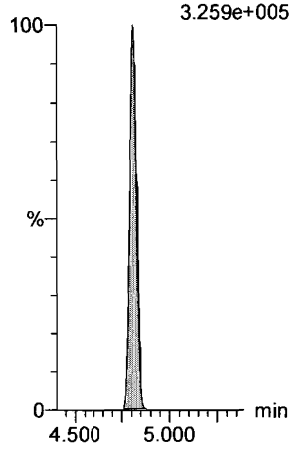
13C2-PFOA



13C2-PFOA



13C5-PFNA

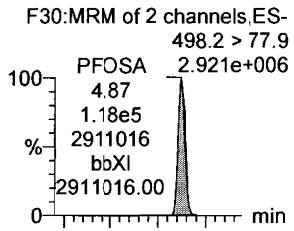


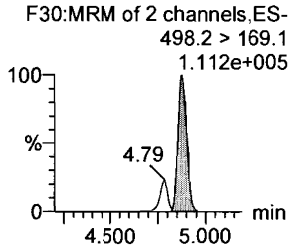
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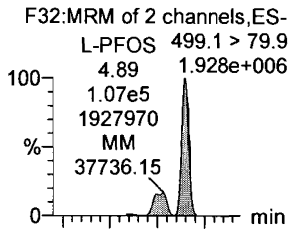
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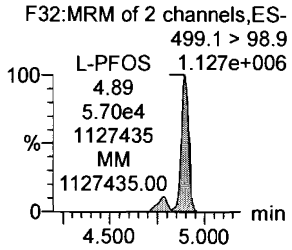
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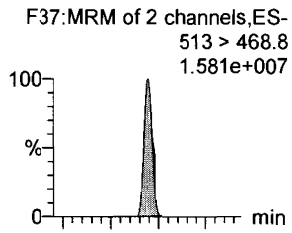


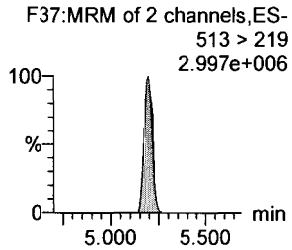
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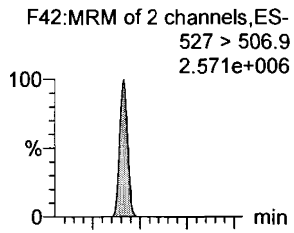


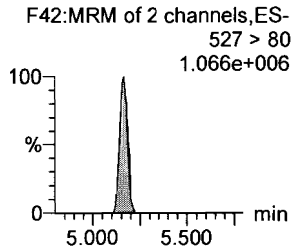
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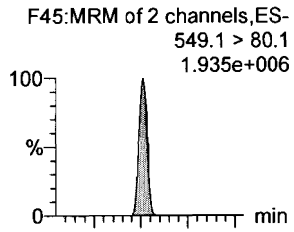


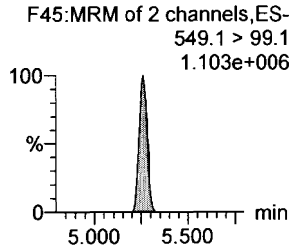
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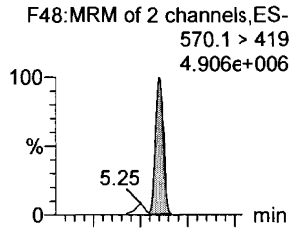


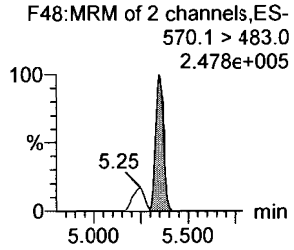
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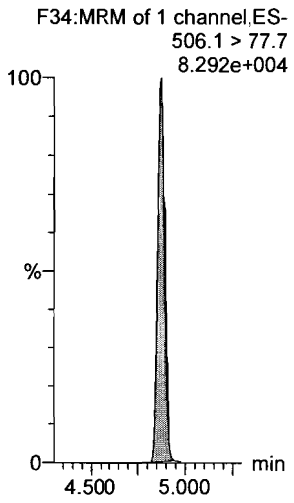


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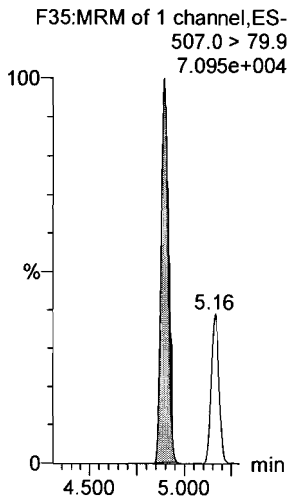




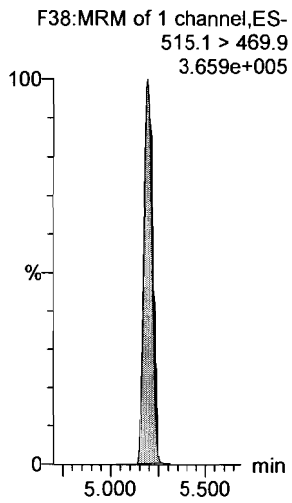
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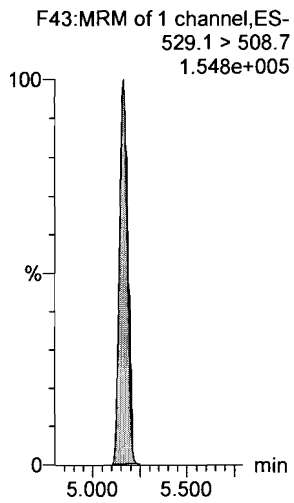
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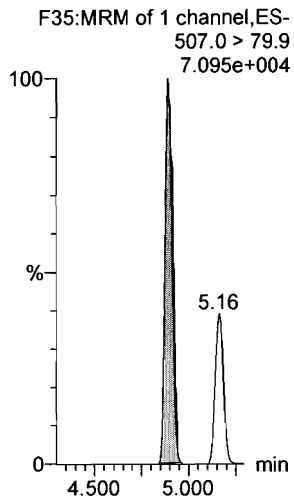
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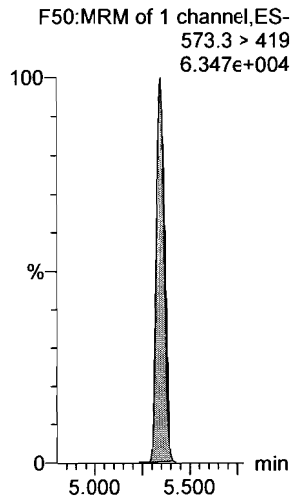
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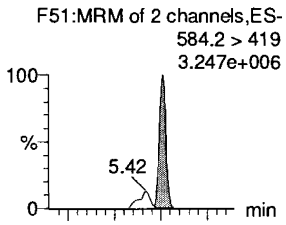


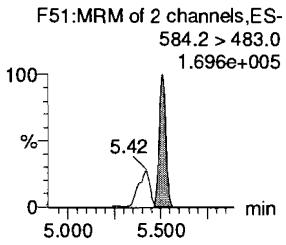
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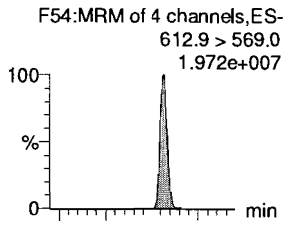
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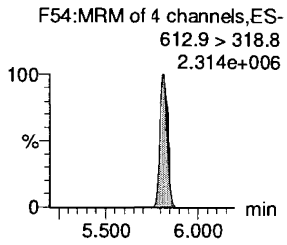
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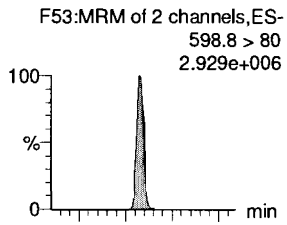


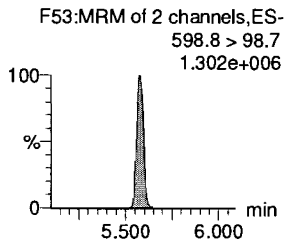
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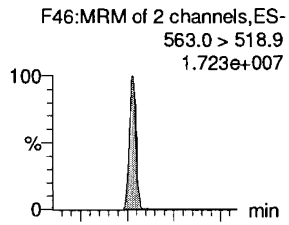


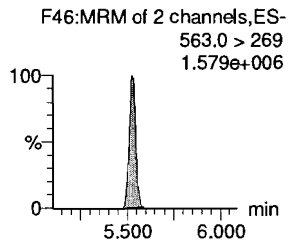
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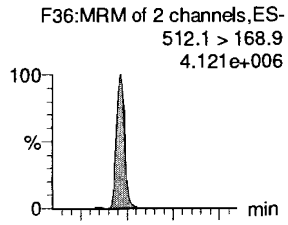


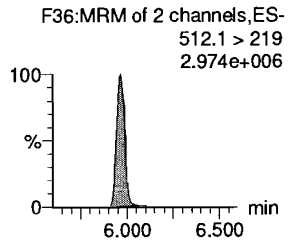
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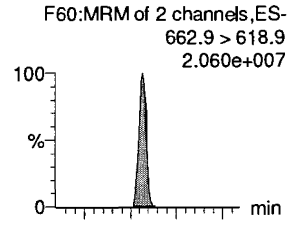


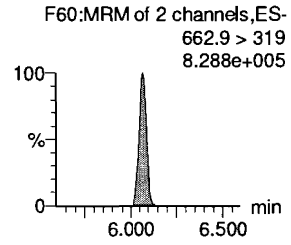
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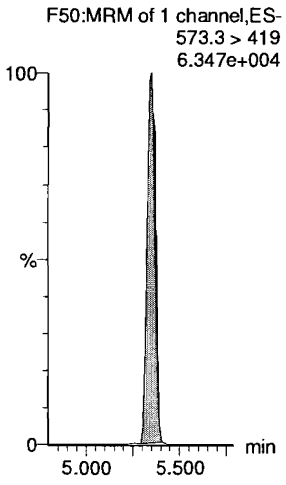


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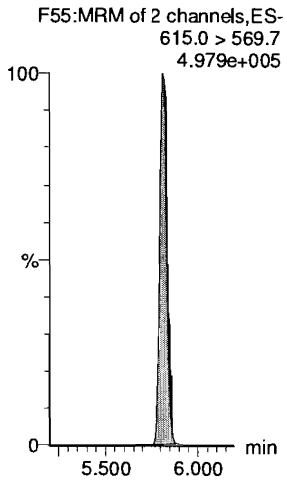




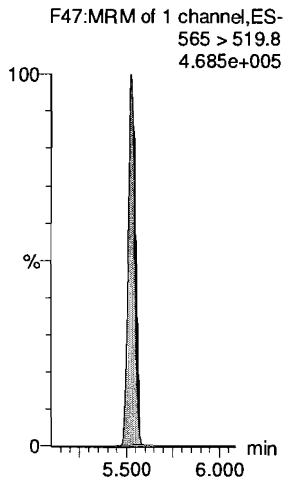
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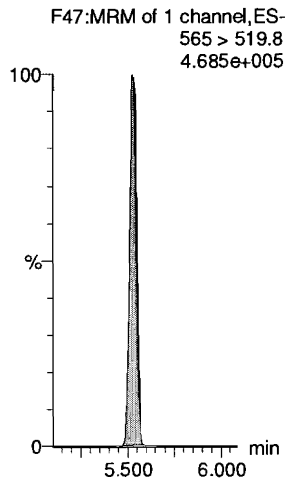
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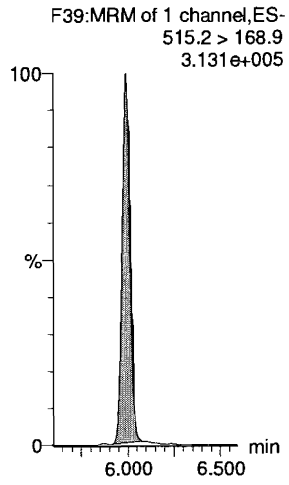
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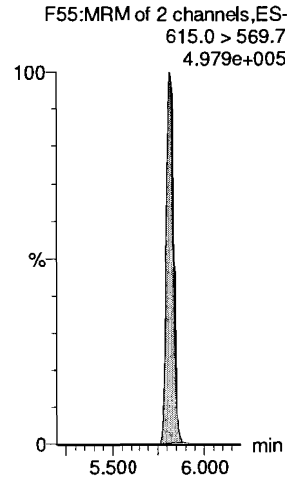
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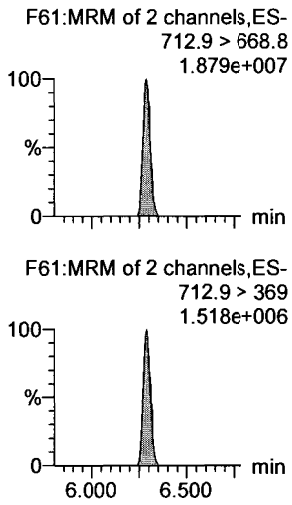


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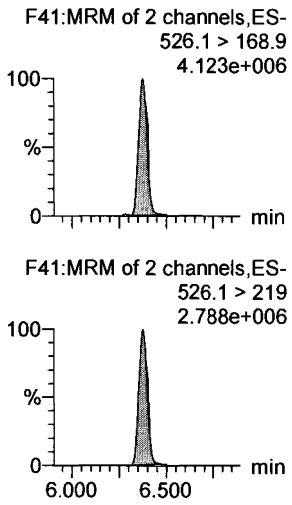
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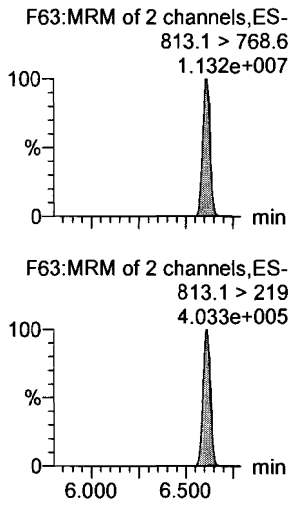
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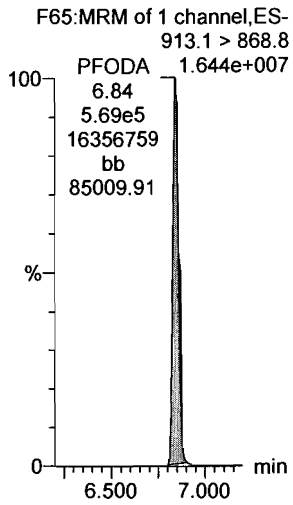
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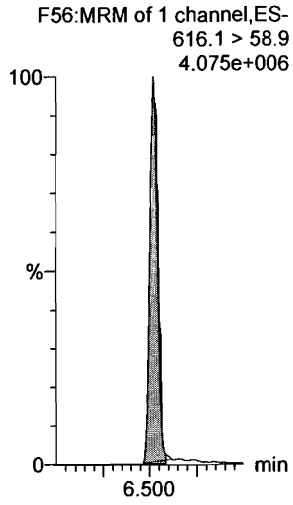
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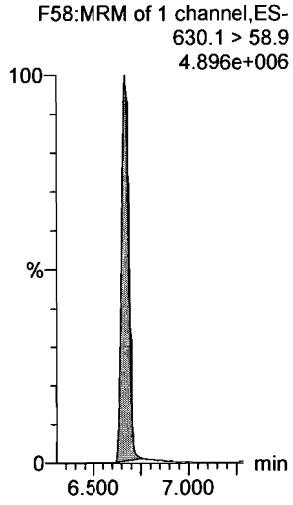
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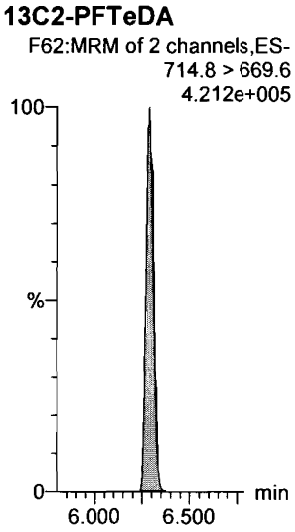
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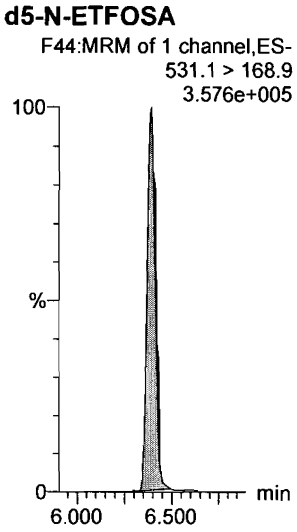
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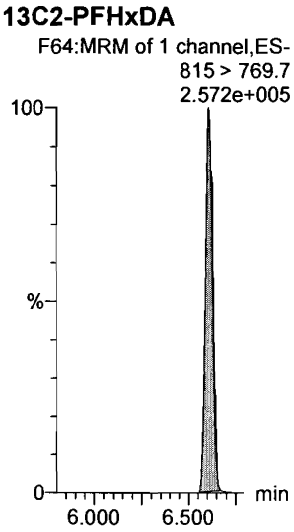
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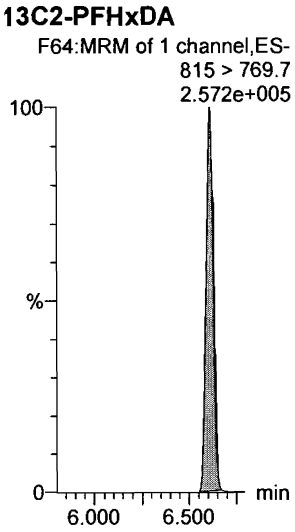
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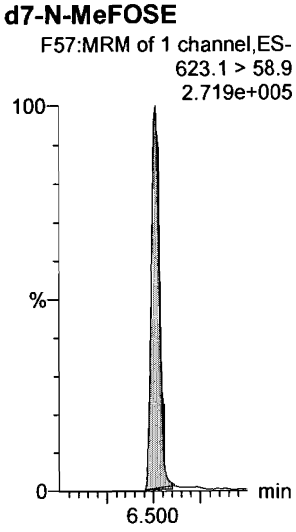
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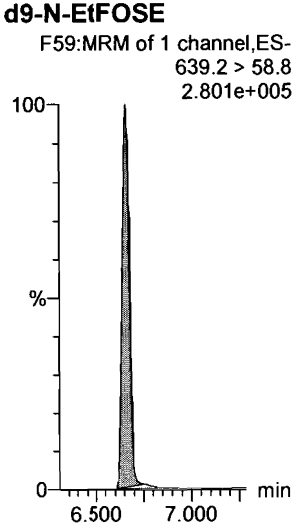
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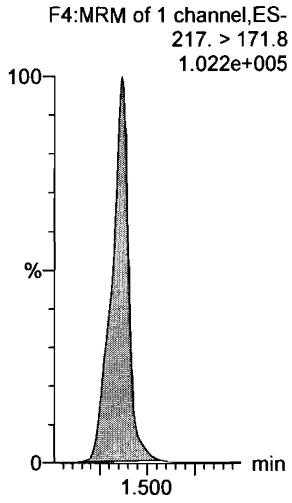


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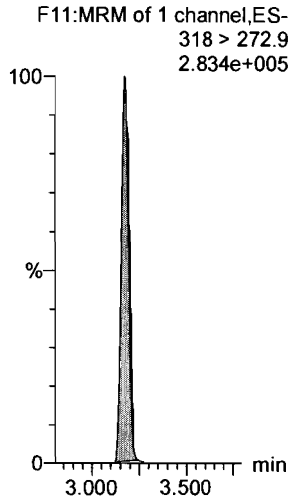
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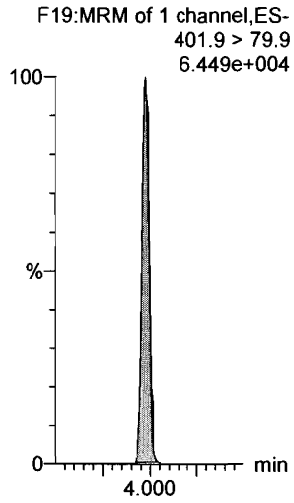
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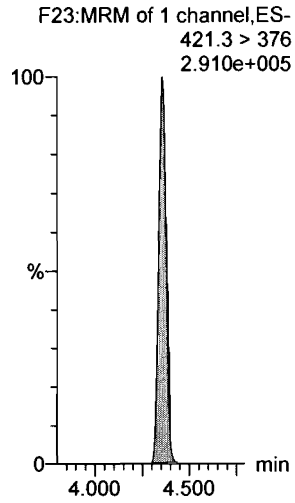
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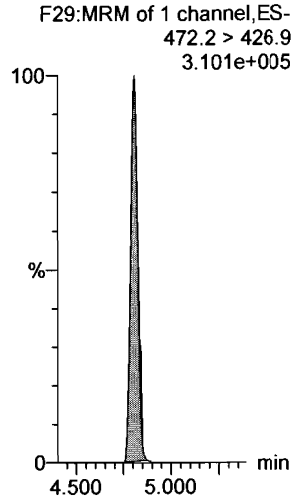
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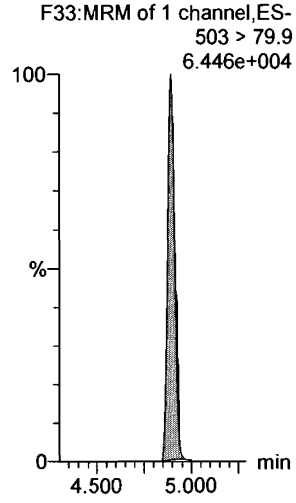
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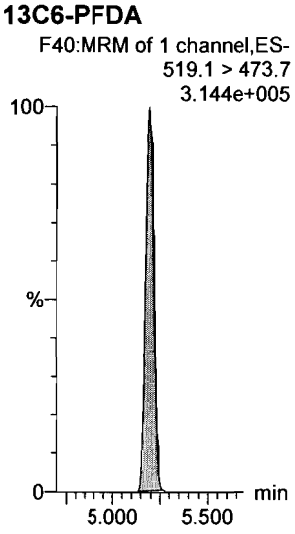
13C9-PFNA



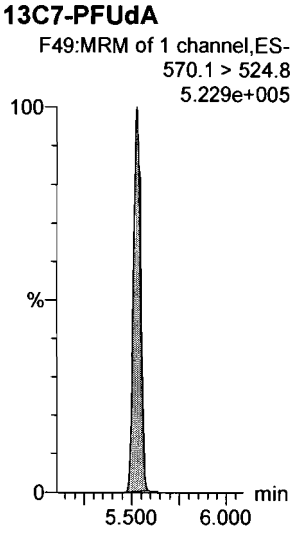
13C4-PFOS



13C6-PFDA



13C7-PFUdA



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Dataset: F:\Projects\PFAS.PRO\Results\180524M1\180524M1-13.qld

Last Altered: Thursday, May 24, 2018 18:44:13 Pacific Daylight Time
Printed: Thursday, May 24, 2018 18:44:29 Pacific Daylight Time

(A) Compounds not present in ICV

√KBF 5/25/18

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052418.mdb 24 May 2018 18:42:02
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-24-18.cdb 24 May 2018 18:06:26

Name: 180524M1_13, Date: 24-May-2018, Time: 16:02:42, ID: ICV180524M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

	#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
1	1	PFBA	213.0 > 16...	9.13e3	9.78e3		1.37	1.38	11.7	10.2	101.9	NO		
2	2	PFPeA	263.1 > 21...	1.09e4	1.35e4		2.37	2.37	10.1	9.94	99.4	NO		
3	3	PFBS	299.0 > 79.7	2.41e3	1.60e3		2.67	2.67	18.8	9.63	96.3	NO	2.665	NO
4	4	4:2 FTS	327.2>307.2	3.02e3	1.60e3		3.08	3.09	23.5	9.23	92.3	NO	1.732	NO
5	5	PFHxA	313.2 > 26...	1.52e4	4.66e3		3.18	3.18	16.3	9.93	99.3	NO	217.947	NO
6	6	PFPeS	349.1>80.1	2.54e3	1.60e3		3.37	3.38	19.8	10.1	100.9	NO	1.709	NO
7	7	PFHpA	363.0 > 31...	1.22e4	1.22e4		3.82	3.82	12.5	10.3	102.6	NO	15.432	NO
8	8	L-PFHxS	398.9 > 79.6	1.90e3	1.35e3		3.98	3.98	17.6	8.84	88.4	NO	1.576	NO
9	10	6:2 FTS	427.1 > 407	3.80e3	3.38e3		4.34	4.30	14.1	9.51	95.1	NO	2.988	NO
10	11	L-PFOA	413 > 368.7	1.40e4	1.88e4		4.40	4.36	9.27	10.2	101.6	NO	3.328	NO
11	13	PFHpS	449 > 80.0	2.74e3	1.88e4		4.51	4.48	1.82	11.3	113.0	NO	2.158	NO
12	14	PFNA	463.0 > 41...	1.84e4	1.56e4		4.84	4.81	14.8	10.4	103.6	NO	4.547	NO
13	15	PFOSA	498.2 > 77.9	3.16e3	4.11e3		4.90	4.88	9.61	10.3	102.6	NO	27.090	YES
14	16	L-PFOS	499.1 > 79.9	2.21e3	3.43e3		4.92	4.90	8.05	9.11	91.1	NO	1.639	NO
15	18	PFDA	513 > 468.8	2.20e4	2.32e4		5.22	5.20	11.9	11.0	110.4	NO	5.739	NO
16	19	8:2 FTS	527 > 506.9	3.47e3	3.20e3		5.19	5.16	13.6	8.55	85.5	NO	2.331	NO
17	20	PFNS	549.1>80.1	2.33e3	3.43e3		5.28	5.26	8.49	10.5	105.3	NO	1.528	NO
18	21	N-MeFOSAA	570.1 > 419	7.51e3	3.57e3		5.37	5.35	26.3	11.0	110.2	NO	21.305	NO
19	22	N-EtFOSAA	584.2 > 419	5.56e3	3.57e3		5.53	5.51	19.5	11.3	112.7	NO	23.063	NO
20	23	PFUdA	563.0 > 51...	1.99e4	2.51e4		5.55	5.53	9.91	9.91	99.1	NO	10.186	NO
21	24	PFDS	598.8 > 80	3.01e3	2.51e4		5.59	5.57	1.50	9.34	93.4	NO	2.246	NO
22	25	PFDoA	612.9 > 56...	2.23e4	2.64e4		5.83	5.81	10.5	9.15	91.5	NO	8.161	NO
23	26	N-MeFOSA	512.1 > 16...		1.60e4		5.98					NO	(A)	
24	27	PFTrDA	662.9 > 61...	2.75e4	2.64e4		6.08	6.07	13.0	9.77	97.7	NO	27.851	NO
25	28	PFTeDA	712.9 > 66...	2.15e4	2.22e4		6.30	6.29	12.1	9.69	96.9	NO	12.405	NO
26	29	N-EtFOSA	526.1 > 16...		2.14e4		6.38					NO	(A)	
27	30	PFHxDA	813.1 > 76...		1.17e4		6.61					NO		
28	31	PFODA	913.1 > 86...		1.17e4		6.85					NO		
29	32	N-MeFOSE	616.1 > 58.9		1.34e4		6.51					NO		
30	33	N-EtFOSE	630.1 > 58.9		1.13e4		6.65					NO		
31	34	13C3-PFBA	216.1 > 17...	9.78e3	1.10e4	0.891	1.44	1.37	11.1	12.5	100.1	NO		

OM 5/24/18

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Dataset: F:\Projects\PFAS.PRO\Results\180524M1\180524M1-13.qld

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Name: 180524M1_13, Date: 24-May-2018, Time: 16:02:42, ID: ICV180524M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

	#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
32	35	13C3-PFPeA	266. > 221.8	1.35e4	1.60e4	0.885	2.42	2.37	10.5	11.9	95.2	NO		
33	36	13C3-PFBS	302. > 98.8	1.60e3	1.60e4	0.108	2.72	2.67	1.25	11.6	92.7	NO		
34	37	13C2-PFHxA	315 > 269.8	4.66e3	1.60e4	0.743	3.22	3.18	3.64	4.90	98.0	NO		
35	38	13C4-PFHpA	367.2 > 32...	1.22e4	1.60e4	0.794	3.86	3.82	9.54	12.0	96.1	NO		
36	39	18O2-PFHxS	403.0 > 10...	1.35e3	3.23e3	0.373	4.01	3.98	5.23	14.0	112.2	NO		
37	40	13C2-6:2 FTS	429.1 > 40...	3.38e3	1.46e4	0.232	4.33	4.30	2.90	12.5	99.7	NO		
38	41	13C2-PFOA	414.9 > 36...	1.88e4	1.46e4	1.360	4.39	4.36	16.1	11.9	95.0	NO		
39	42	13C5-PFNA	468.2 > 42...	1.56e4	1.79e4	0.943	4.84	4.81	10.9	11.5	92.2	NO		
40	43	13C8-PFOSA	506.1 > 77.7	4.11e3	2.81e4	0.150	4.90	4.87	1.83	12.2	97.3	NO		
41	44	13C8-PFOS	507.0 > 79.9	3.43e3	3.31e3	1.042	4.92	4.89	12.9	12.4	99.4	NO		
42	45	13C2-PFDA	515.1 > 46...	2.32e4	2.17e4	1.055	5.22	5.20	13.4	12.7	101.4	NO		
43	46	13C2-8:2 FTS	529.1 > 50...	3.20e3	1.60e4	0.228	5.19	5.16	2.50	11.0	87.6	NO		
44	47	d3-N-MeFOSAA	573.3 > 419	3.57e3	2.81e4	0.135	5.37	5.35	1.59	11.8	94.2	NO		
45	48	d5-N-EtFOSAA	589.3 > 419	3.95e3	2.81e4	0.173	5.53	5.51	1.76	10.2	81.2	NO		
46	49	13C2-PFUdA	565 > 519.8	2.51e4	2.81e4	0.924	5.55	5.53	11.2	12.1	96.7	NO		
47	50	13C2-PFDoA	615.0 > 56...	2.64e4	2.17e4	1.111	5.83	5.81	15.2	13.7	109.5	NO		
48	51	d3-N-MeFOSA	515.2 > 16...	1.60e4	2.81e4	0.051	6.01	5.99	7.10	140	93.6	NO		
49	52	13C2-PFTeDA	714.8 > 66...	2.22e4	2.81e4	0.847	6.30	6.29	9.85	11.6	93.1	NO		
50	53	d5-N-ETFOSA	531.1 > 16...	2.14e4	2.81e4	0.067	6.39	6.39	9.52	142	94.8	NO		
51	54	13C2-PFHxDA	815 > 769.7	1.17e4	2.81e4	1.104	6.62	6.61	5.19	4.70	94.0	NO		
52	55	d7-N-MeFOSE	623.1 > 58.9	1.34e4	2.81e4	0.043	6.50	6.51	5.95	140	93.4	NO		
53	56	d9-N-EtFOSE	639.2 > 58.8	1.13e4	2.81e4	0.037	6.64	6.66	5.03	137	91.3	NO		
54	57	13C4-PFBA	217. > 171.8	1.10e4	1.10e4	1.000	1.43	1.37	12.5	12.5	100.0	NO		
55	58	13C5-PFHxA	318 > 272.9	1.60e4	1.60e4	1.000	3.22	3.18	12.5	12.5	100.0	NO		
56	59	13C3-PFHxS	401.9 > 79.9	3.23e3	3.23e3	1.000	4.01	3.98	12.5	12.5	100.0	NO		
57	60	13C8-PFOA	421.3 > 376	1.46e4	1.46e4	1.000	4.39	4.36	12.5	12.5	100.0	NO		
58	61	13C9-PFNA	472.2 > 42...	1.79e4	1.79e4	1.000	4.84	4.81	12.5	12.5	100.0	NO		
59	62	13C4-PFOS	503 > 79.9	3.31e3	3.31e3	1.000	4.92	4.89	12.5	12.5	100.0	NO		
60	63	13C6-PFDA	519.1 > 47...	2.17e4	2.17e4	1.000	5.22	5.20	12.5	12.5	100.0	NO		
61	64	13C7-PFUdA	570.1 > 52...	2.81e4	2.81e4	1.000	5.55	5.53	12.5	12.5	100.0	NO		

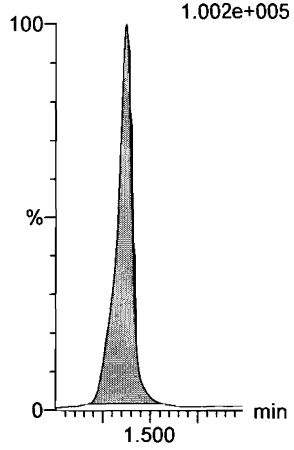
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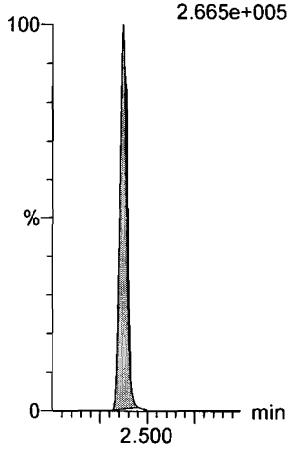
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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-24-18.cdb 24 May 2018 18:06:26

Name: 180524M1_13, Date: 24-May-2018, Time: 16:02:42, ID: ICV180524M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

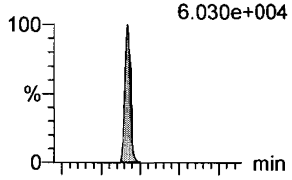
PFBA
F2:MRM of 1 channel,ES-
213.0 > 168.8
1.002e+005



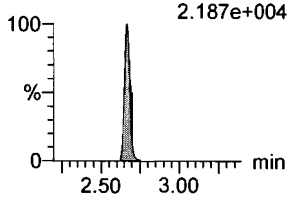
PFPeA
F5:MRM of 1 channel,ES-
263.1 > 218.9
2.665e+005



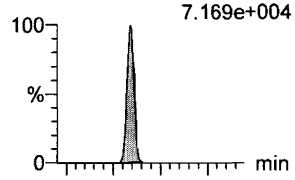
PFBS
F7:MRM of 2 channels,ES-
299.0 > 79.7
6.030e+004



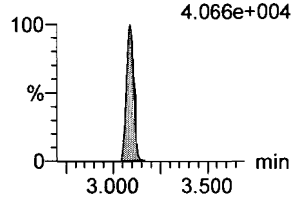
F7:MRM of 2 channels,ES-
299.0 > 99.0
2.187e+004



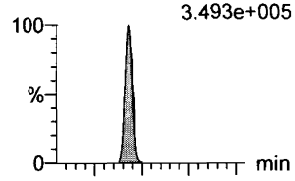
4:2 FTS
F12:MRM of 2 channels,ES-
327.2 > 307.2
7.169e+004



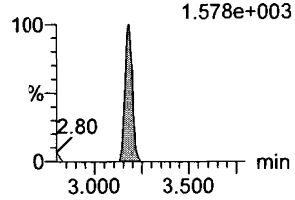
F12:MRM of 2 channels,ES-
327.2 > 81.1
4.066e+004



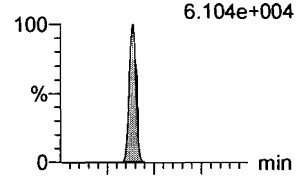
PFHxA
F9:MRM of 2 channels,ES-
313.2 > 268.9
3.493e+005



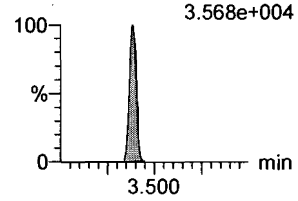
F9:MRM of 2 channels,ES-
313.2 > 119
1.578e+003



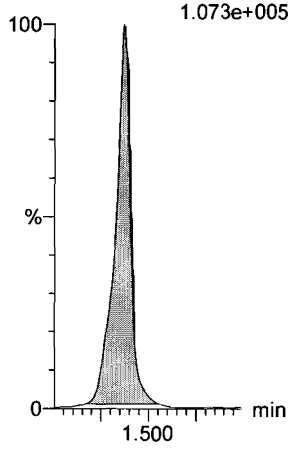
PFPeS
F15:MRM of 2 channels,ES-
349.1 > 80.1
6.104e+004



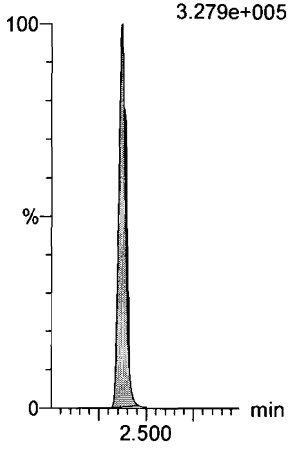
F15:MRM of 2 channels,ES-
349.1 > 99
3.568e+004



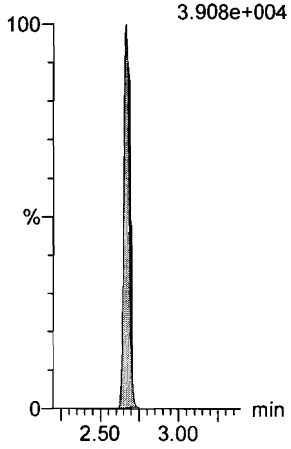
13C3-PFBA
F3:MRM of 1 channel,ES-
216.1 > 171.8
1.073e+005



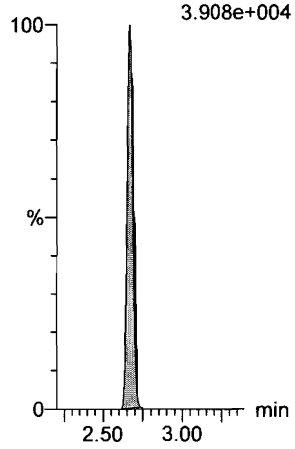
13C3-PFPeA
F6:MRM of 1 channel,ES-
266. > 221.8
3.279e+005



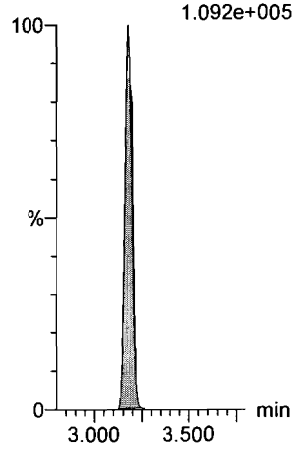
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
3.908e+004



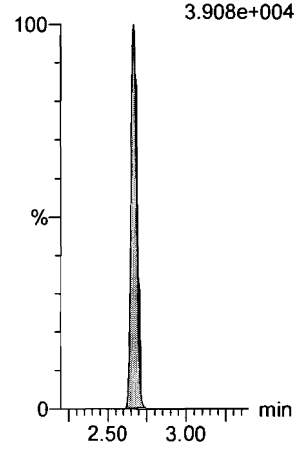
13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
3.908e+004



13C2-PFHxA
F10:MRM of 1 channel,ES-
315 > 269.8
1.092e+005



13C3-PFBS
F8:MRM of 1 channel,ES-
302. > 98.8
3.908e+004

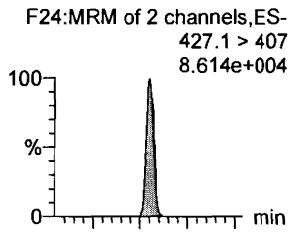


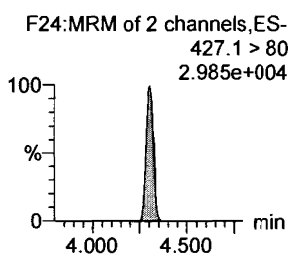
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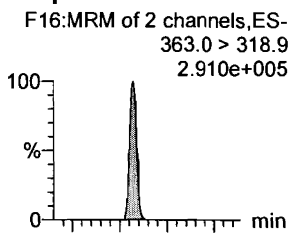
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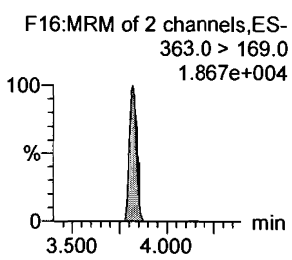
6:2 FTS



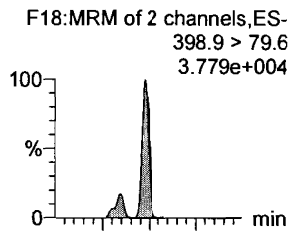


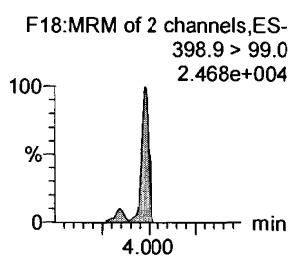
PFHpA



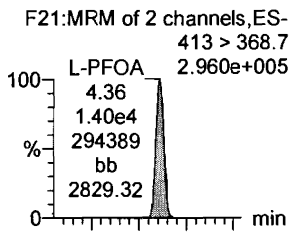


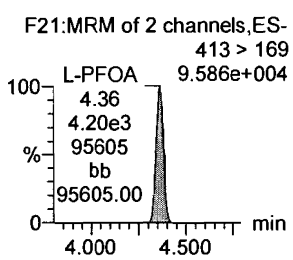
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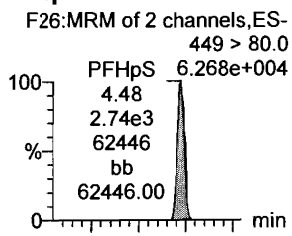


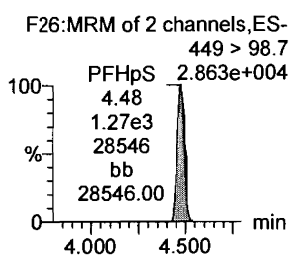
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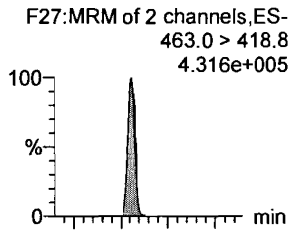


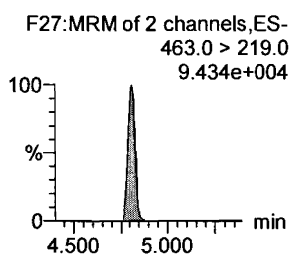
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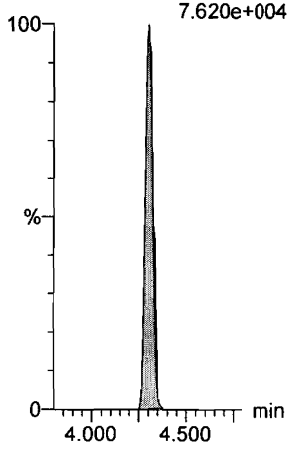


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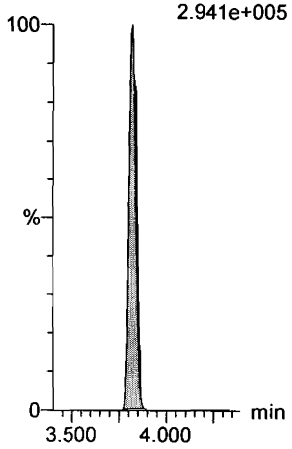




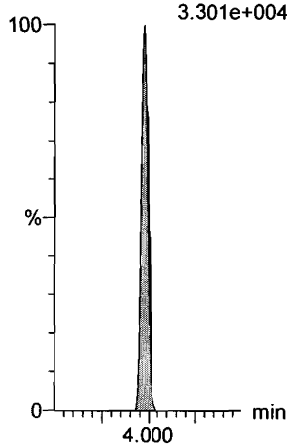
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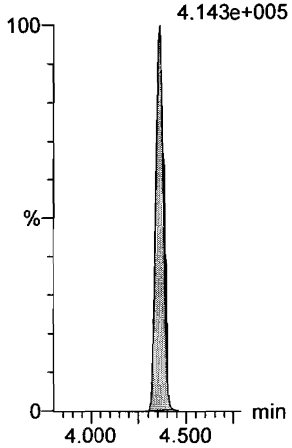
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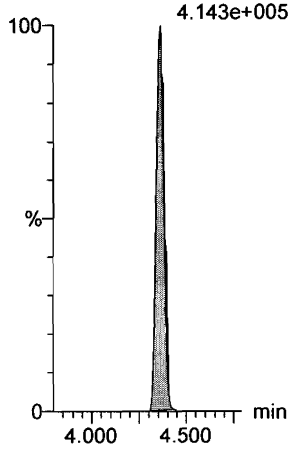
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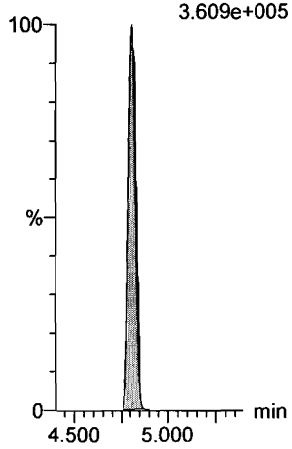
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13C2-PFOA



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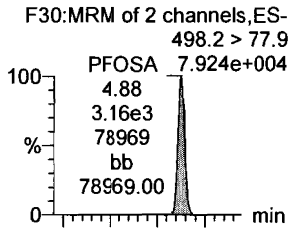


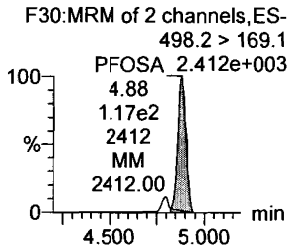
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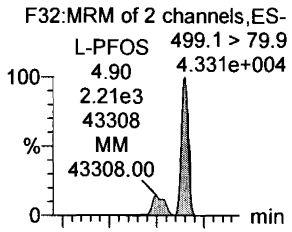
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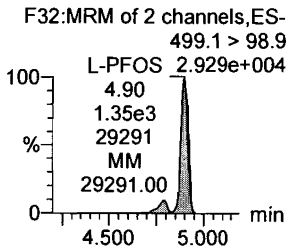
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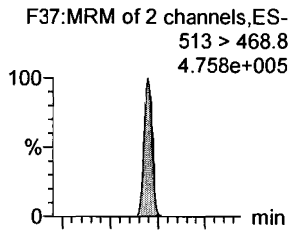


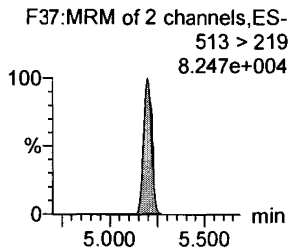
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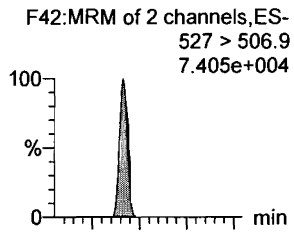


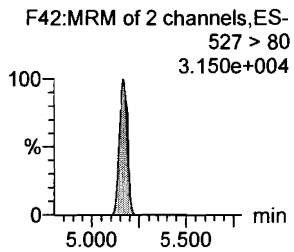
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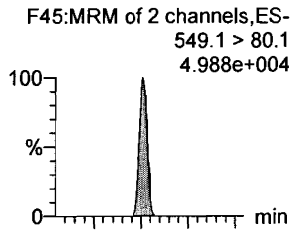


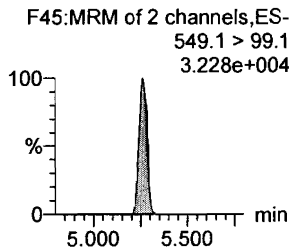
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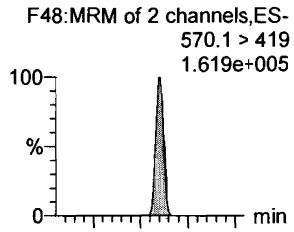


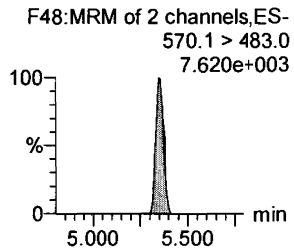
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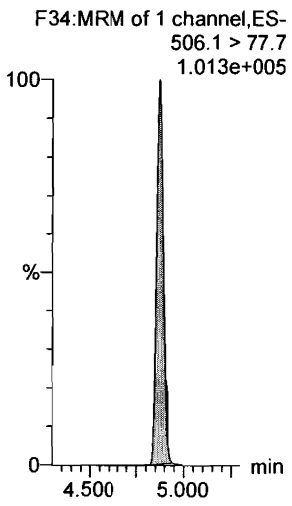


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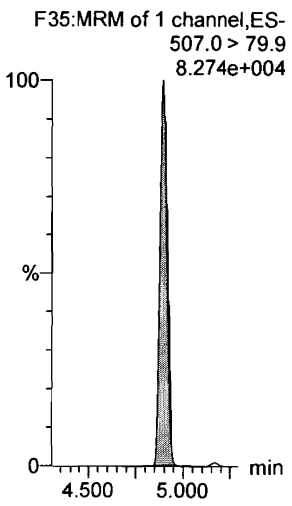




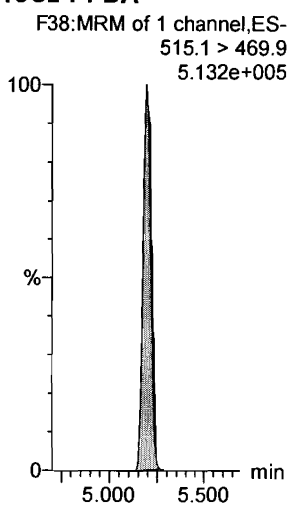
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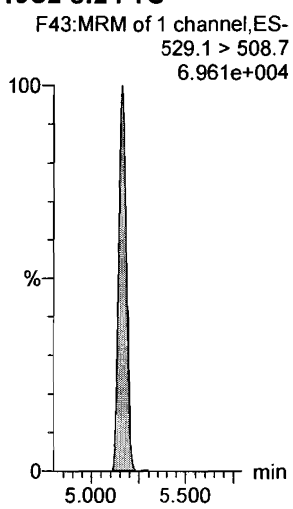
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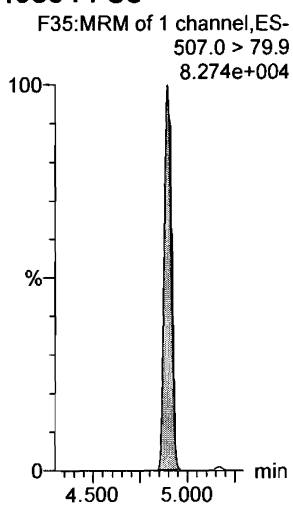
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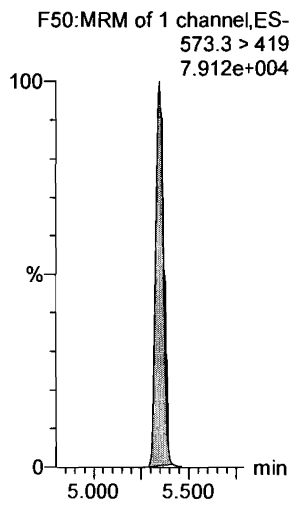
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13C8-PFOS



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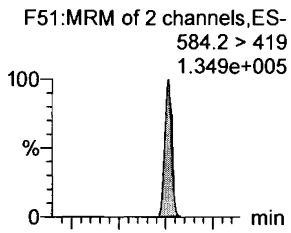


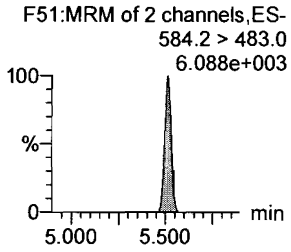
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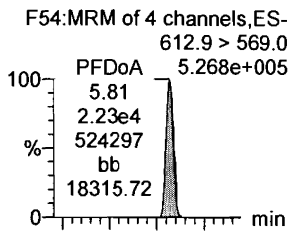
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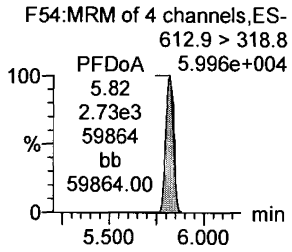
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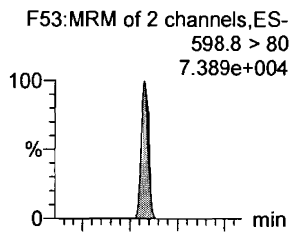


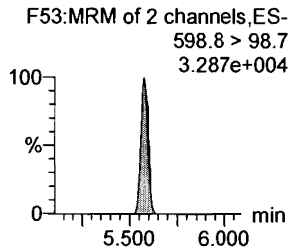
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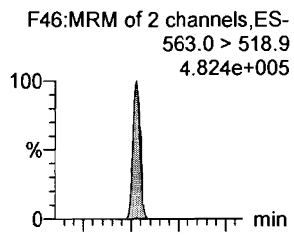


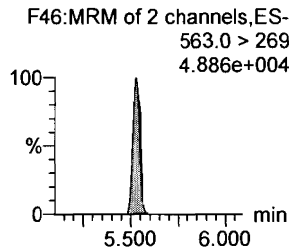
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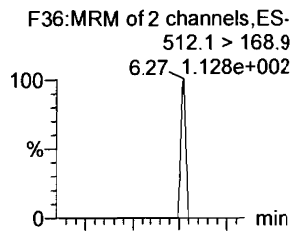


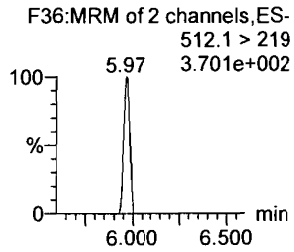
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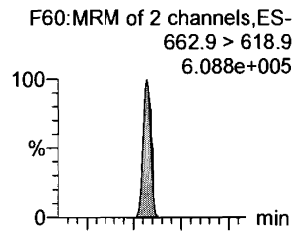


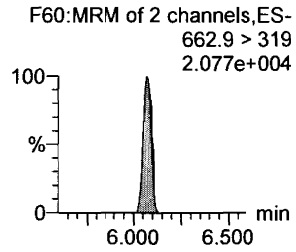
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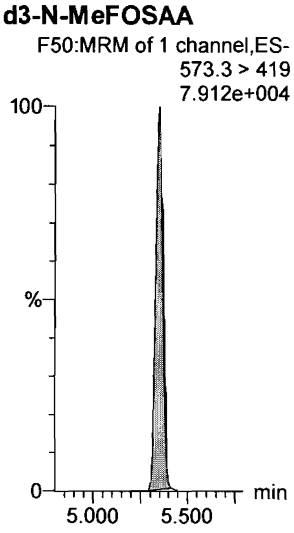


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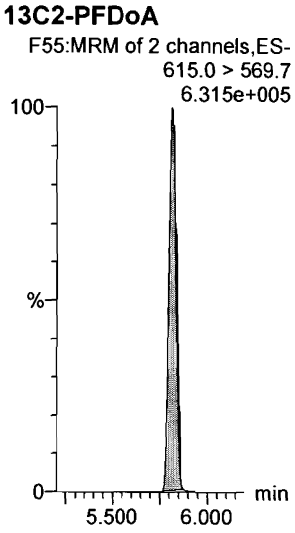




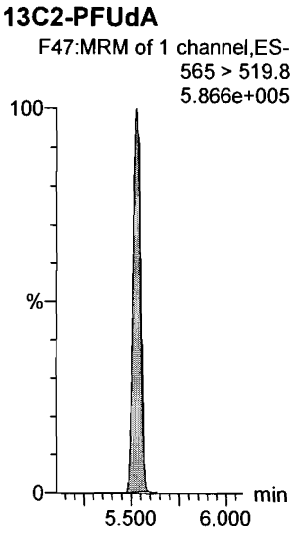
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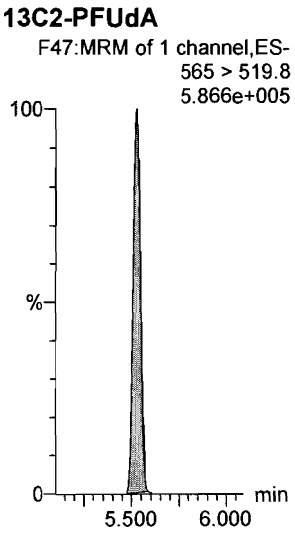
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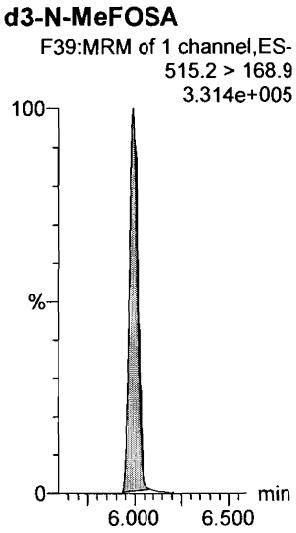
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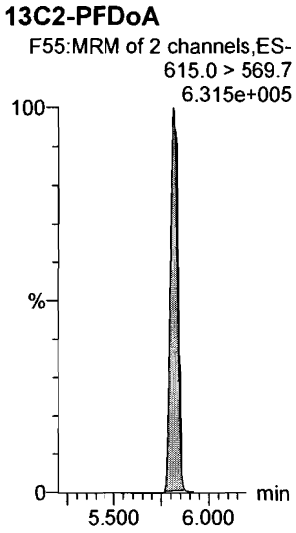
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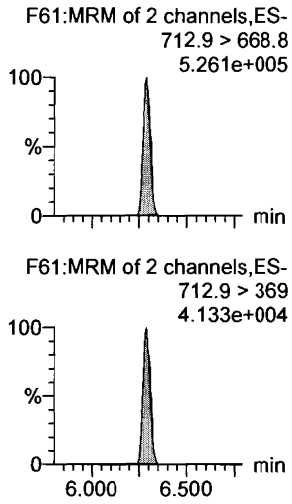


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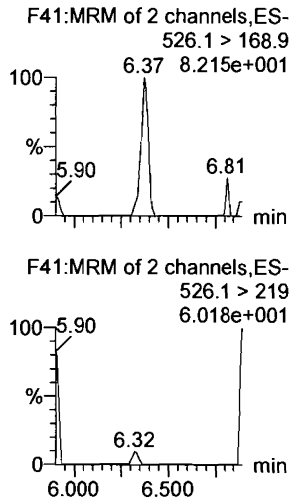
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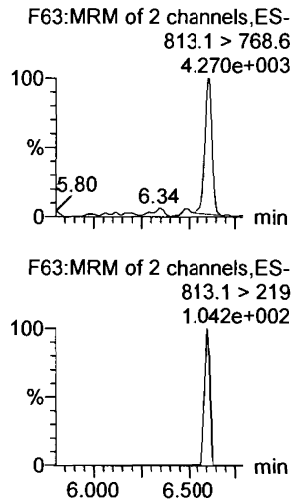
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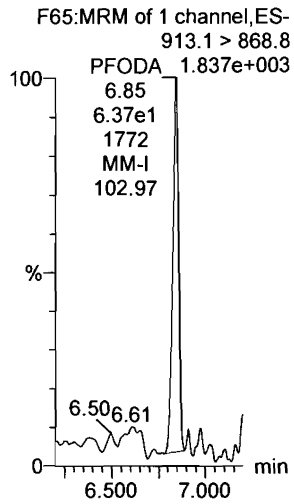
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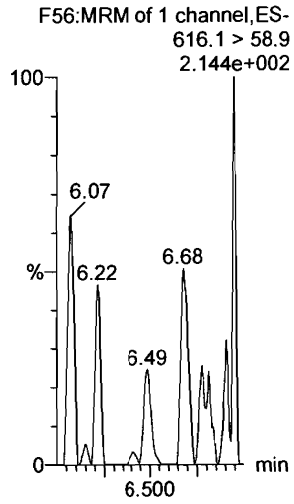
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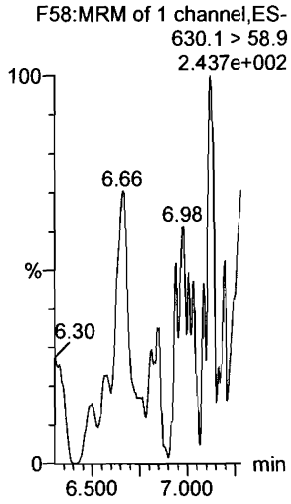
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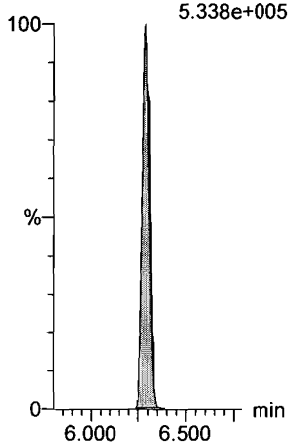
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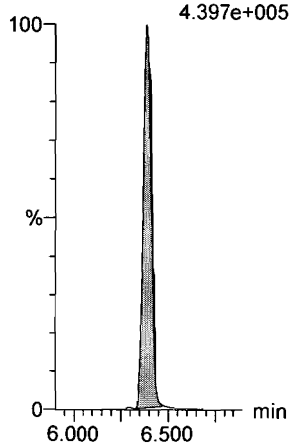
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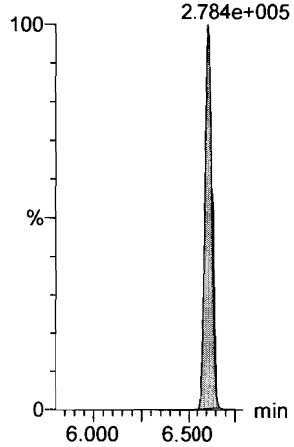
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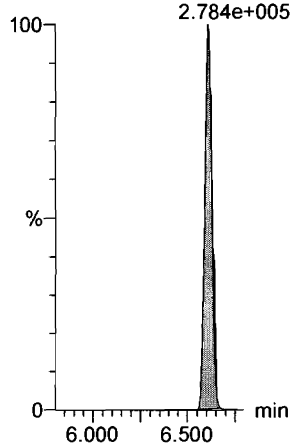
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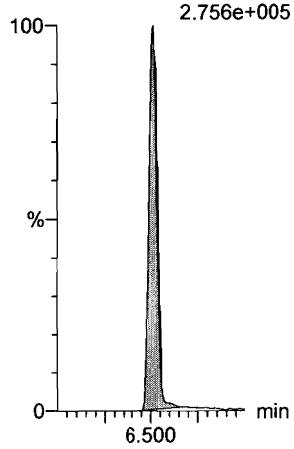
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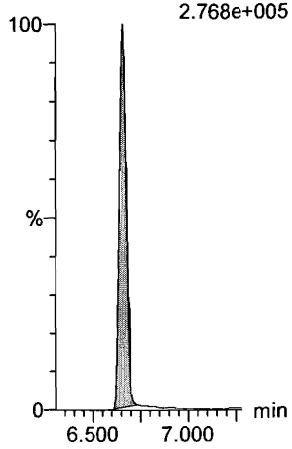
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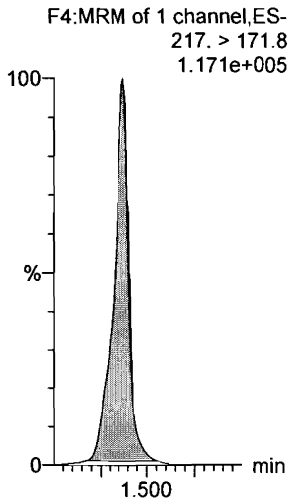


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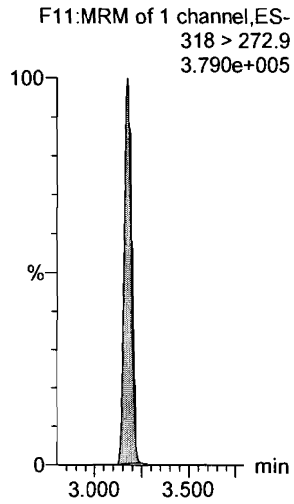
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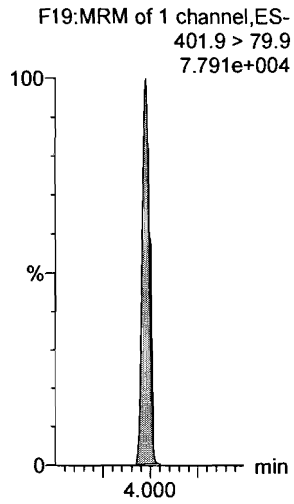
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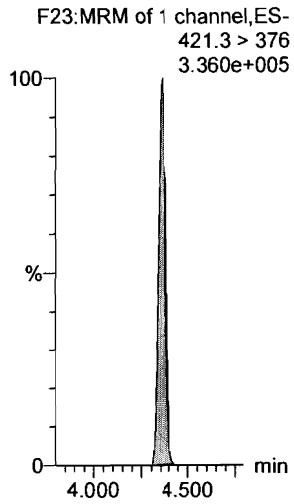
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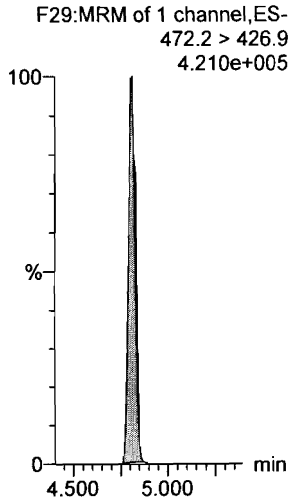
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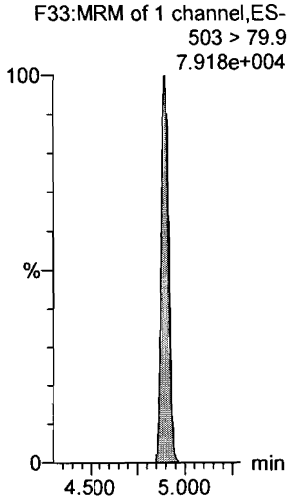
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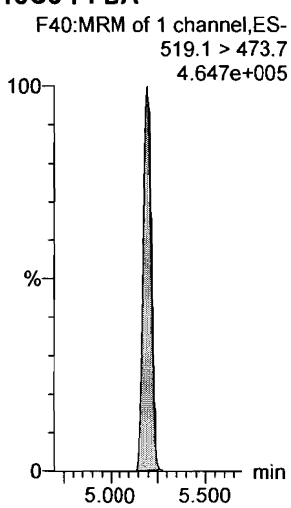
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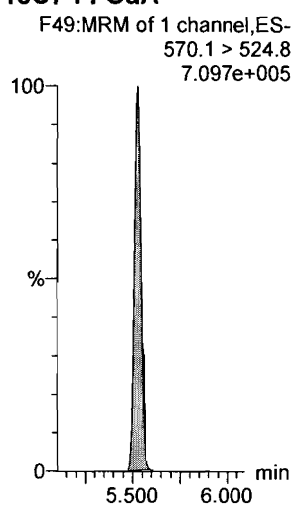
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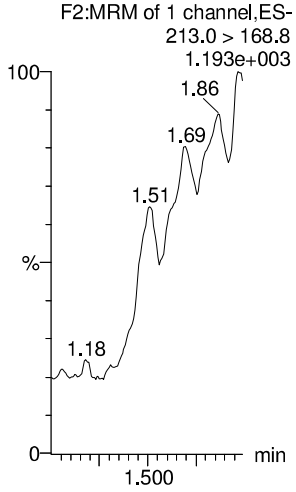


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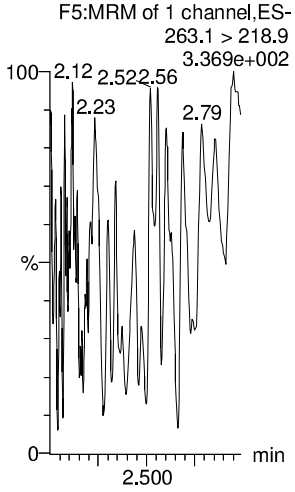
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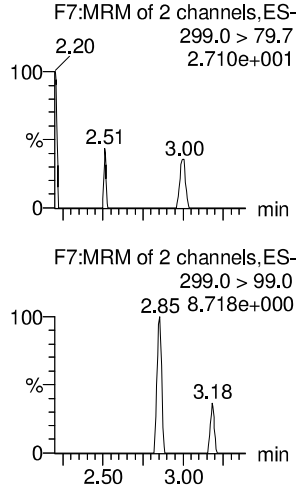
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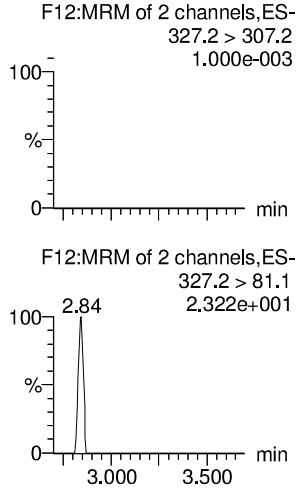
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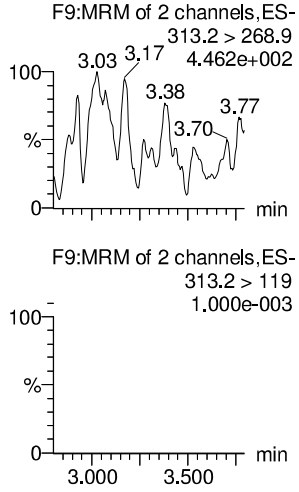
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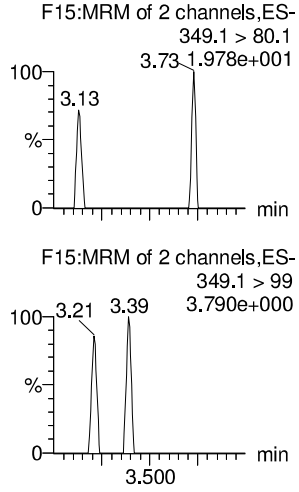
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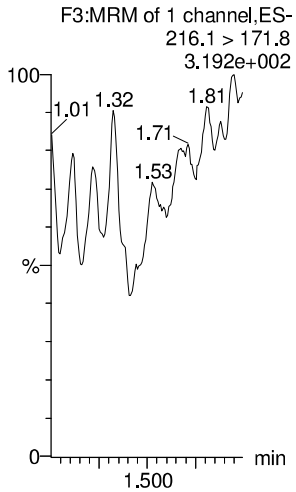
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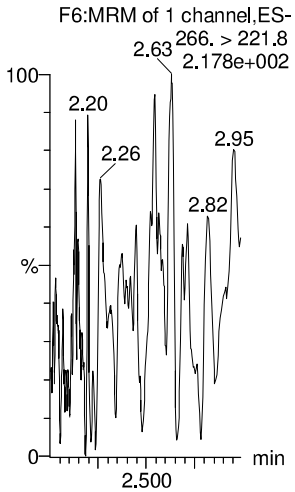
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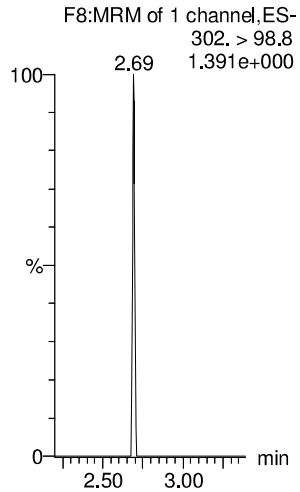
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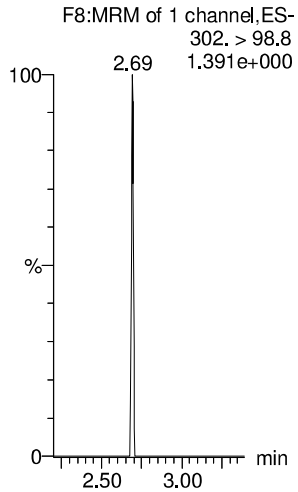
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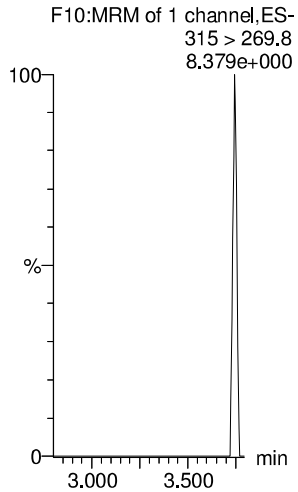
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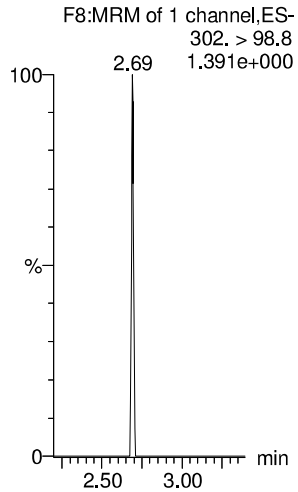
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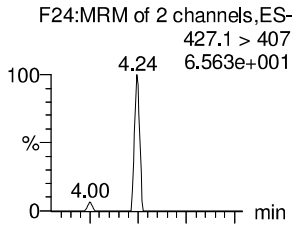


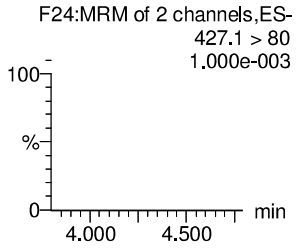
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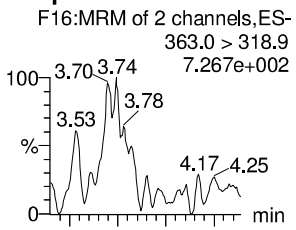
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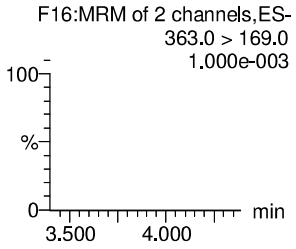
6:2 FTS



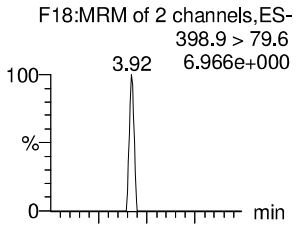


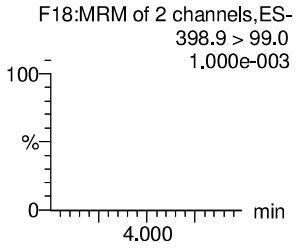
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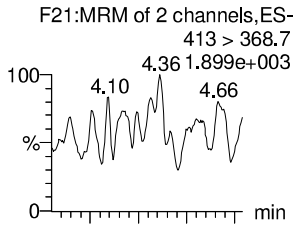


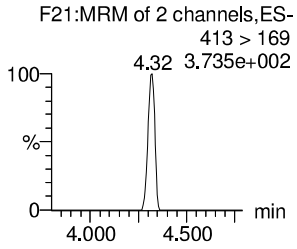
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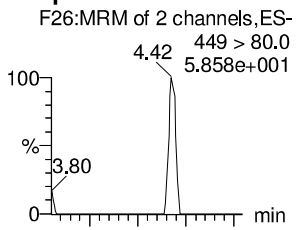


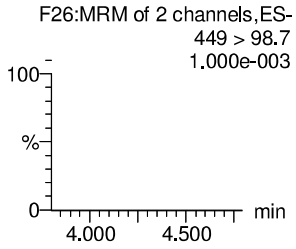
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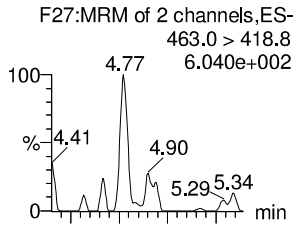


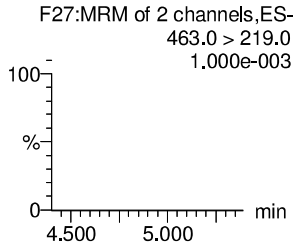
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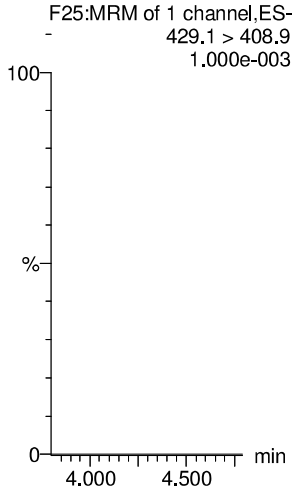


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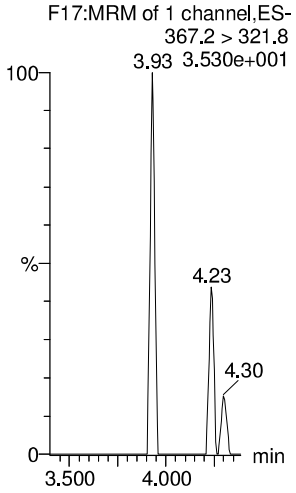




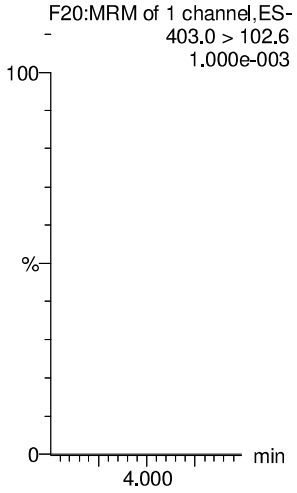
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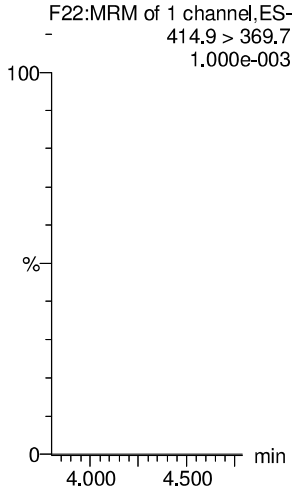
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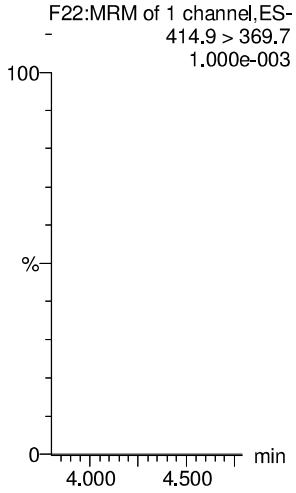
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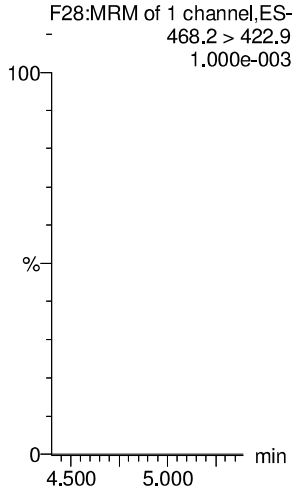
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13C2-PFOA



13C5-PFNA

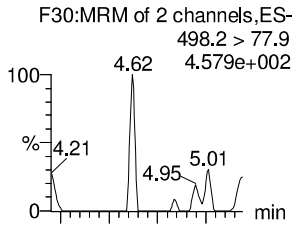


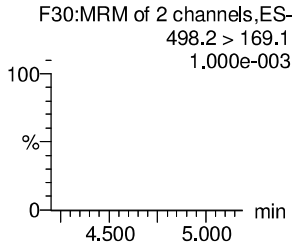
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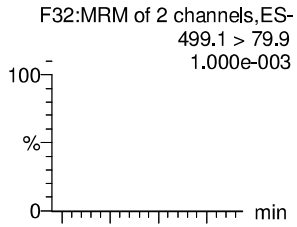
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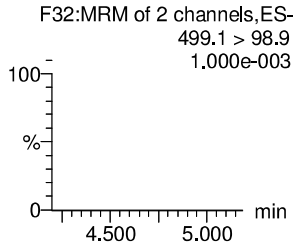
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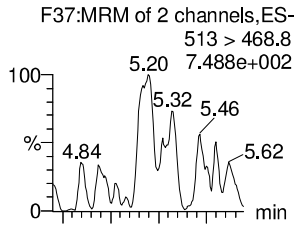


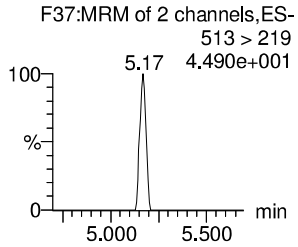
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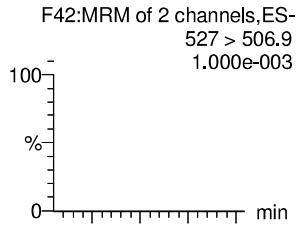


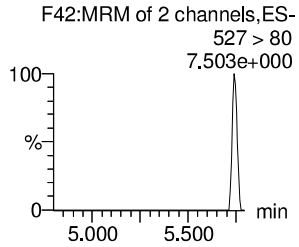
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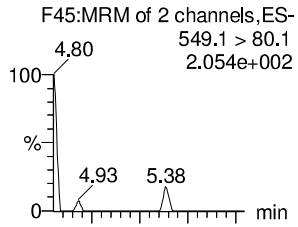


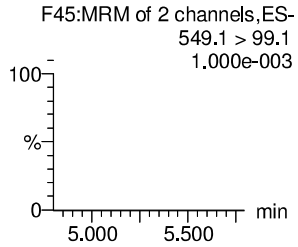
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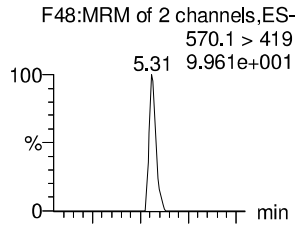


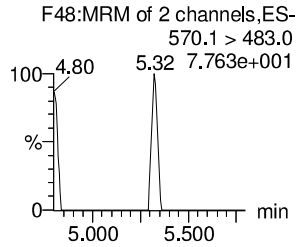
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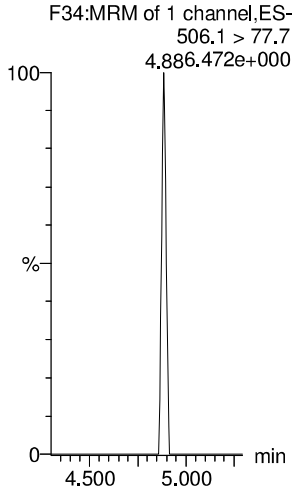


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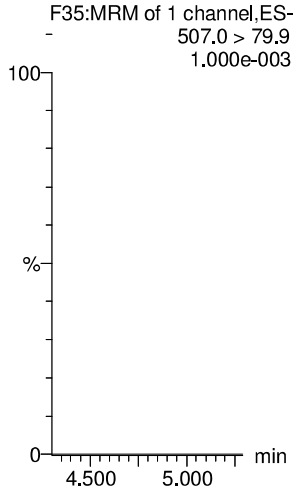




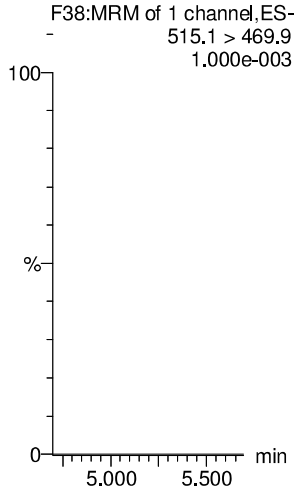
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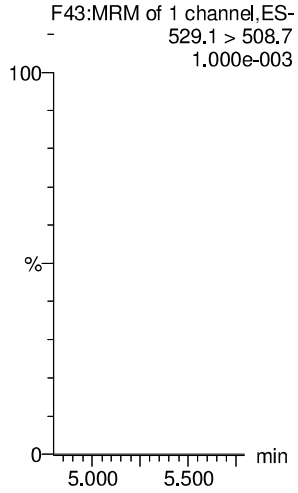
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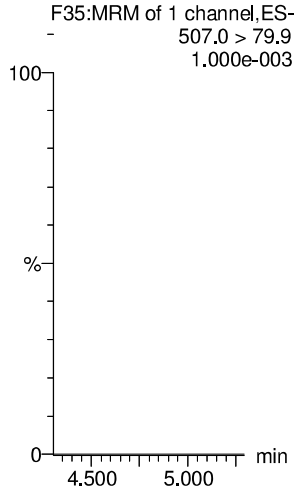
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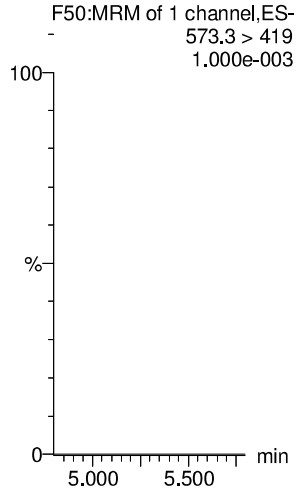
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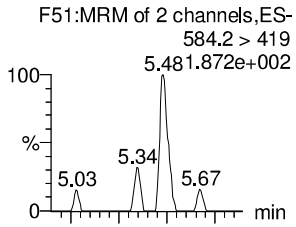


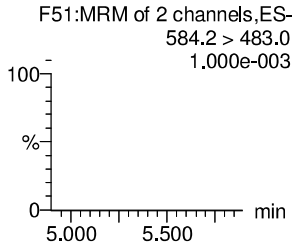
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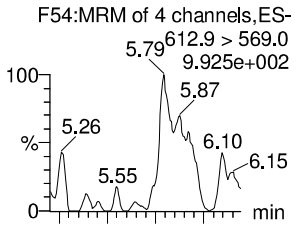
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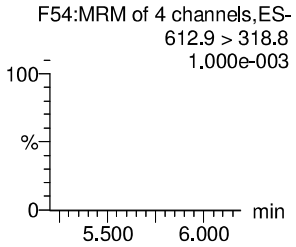
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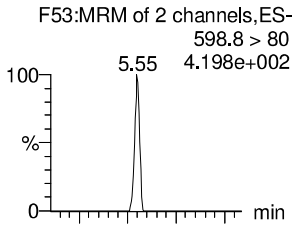


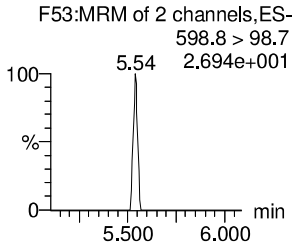
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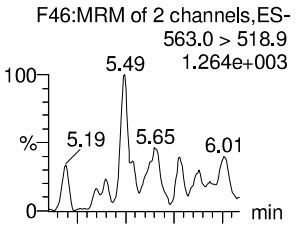


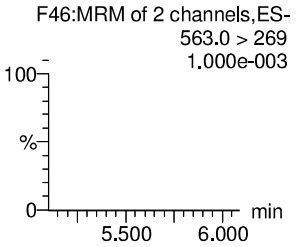
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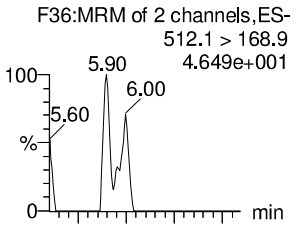


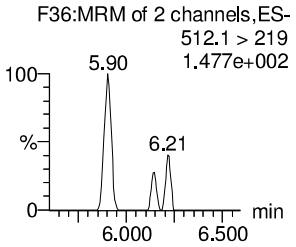
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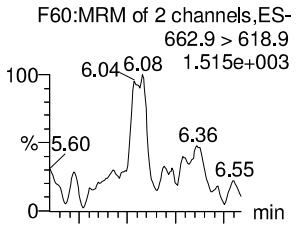


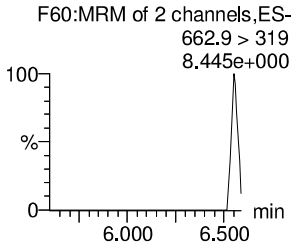
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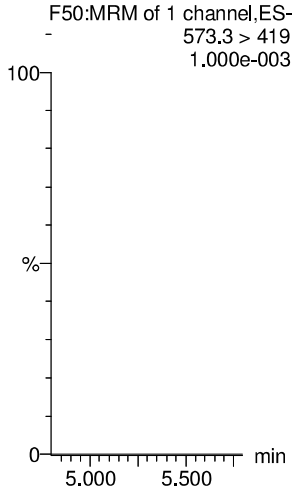


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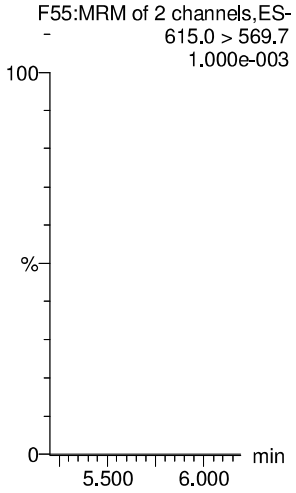




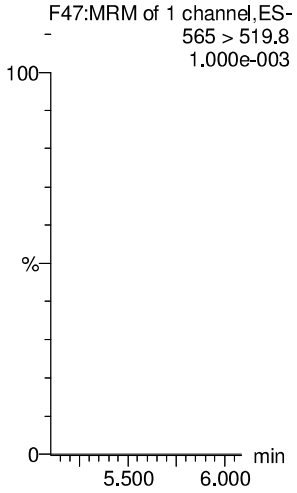
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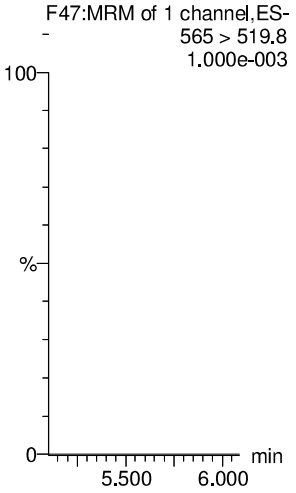
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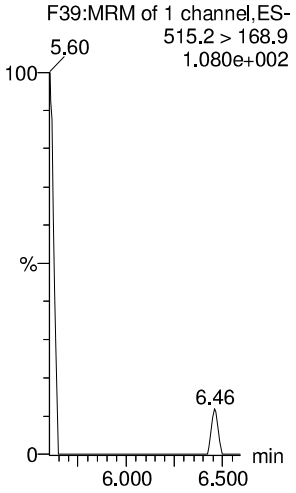
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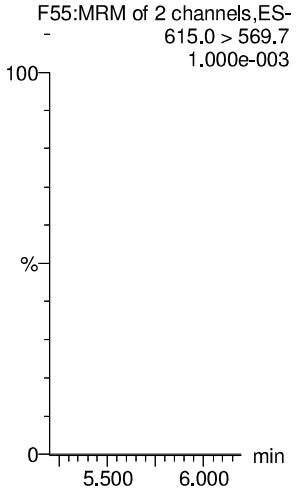
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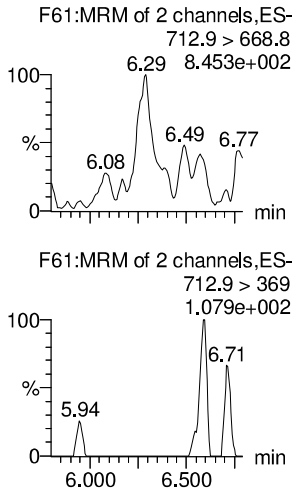


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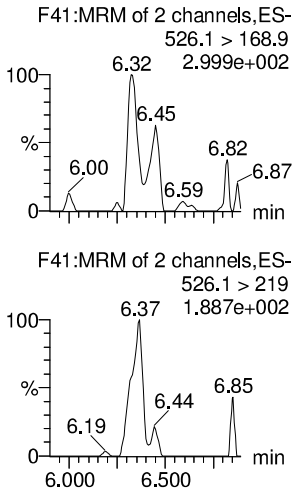
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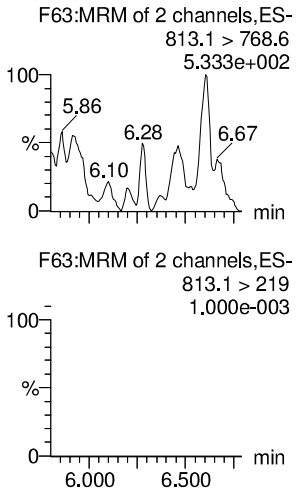
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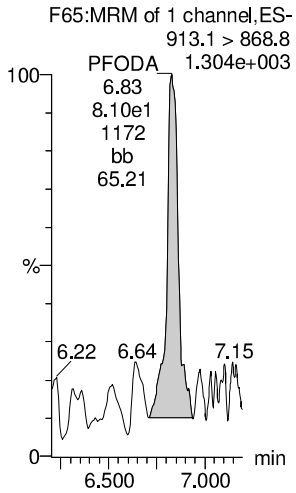
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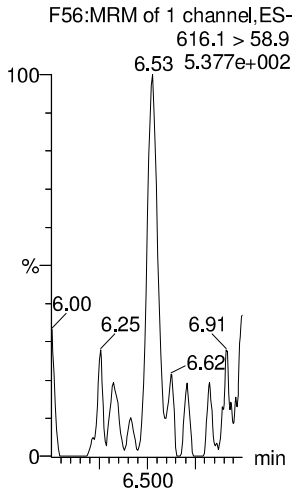
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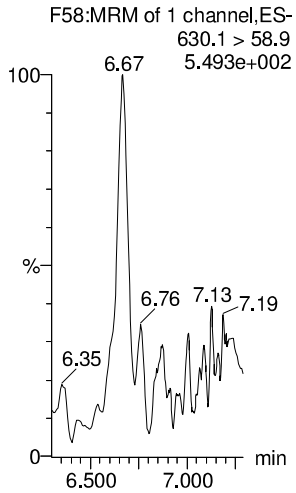
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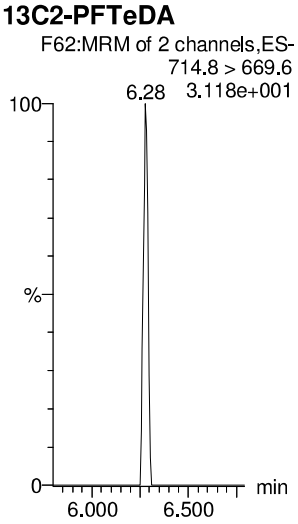
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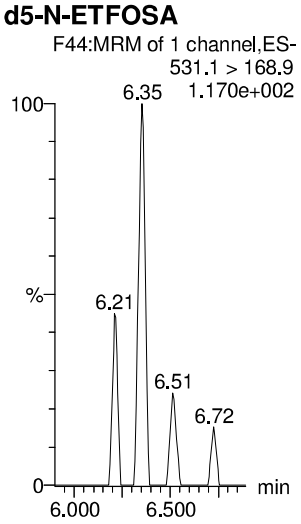
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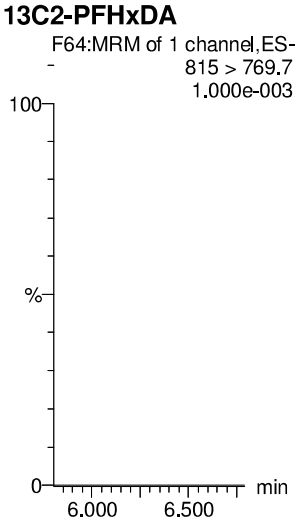
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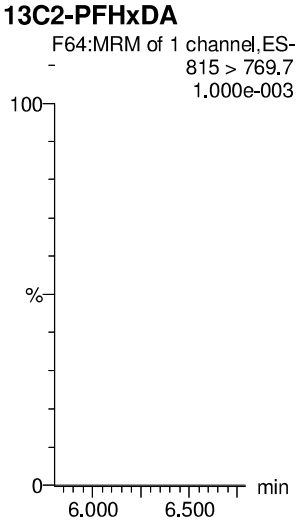
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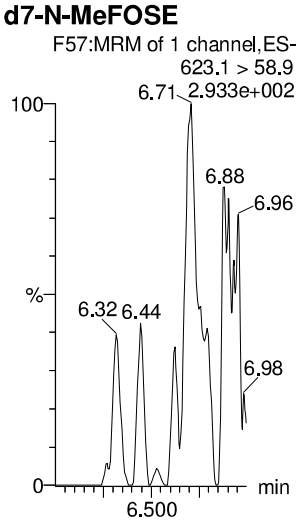
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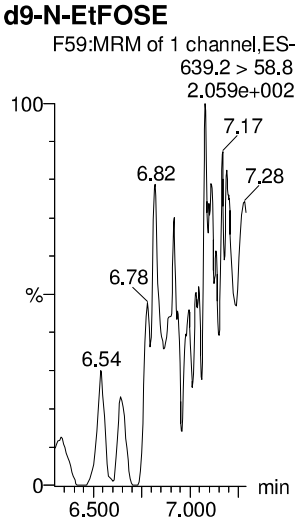
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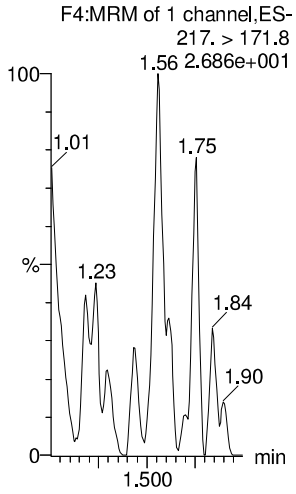


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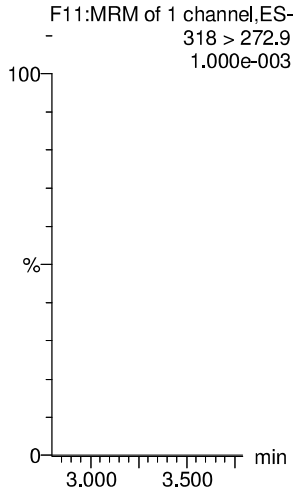
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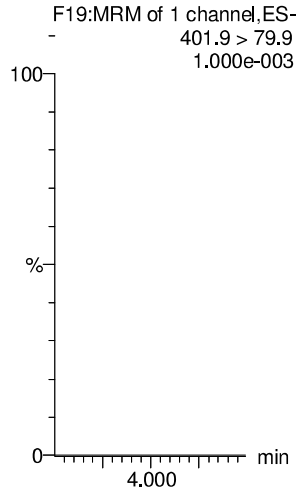
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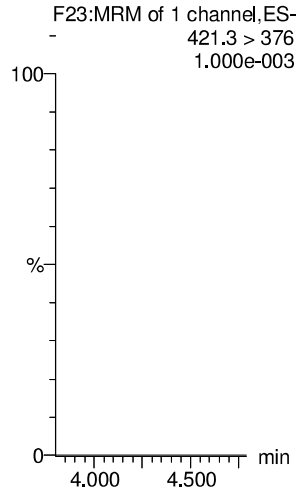
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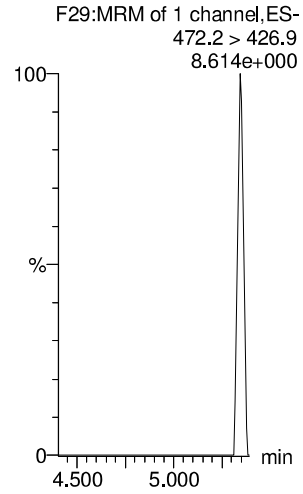
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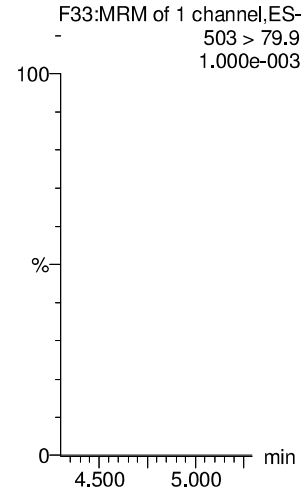
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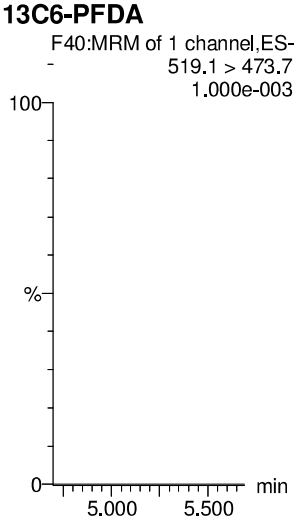
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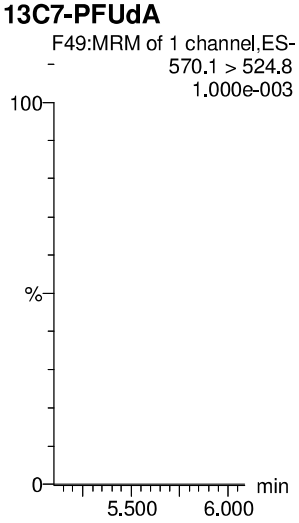
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13C6-PFDA



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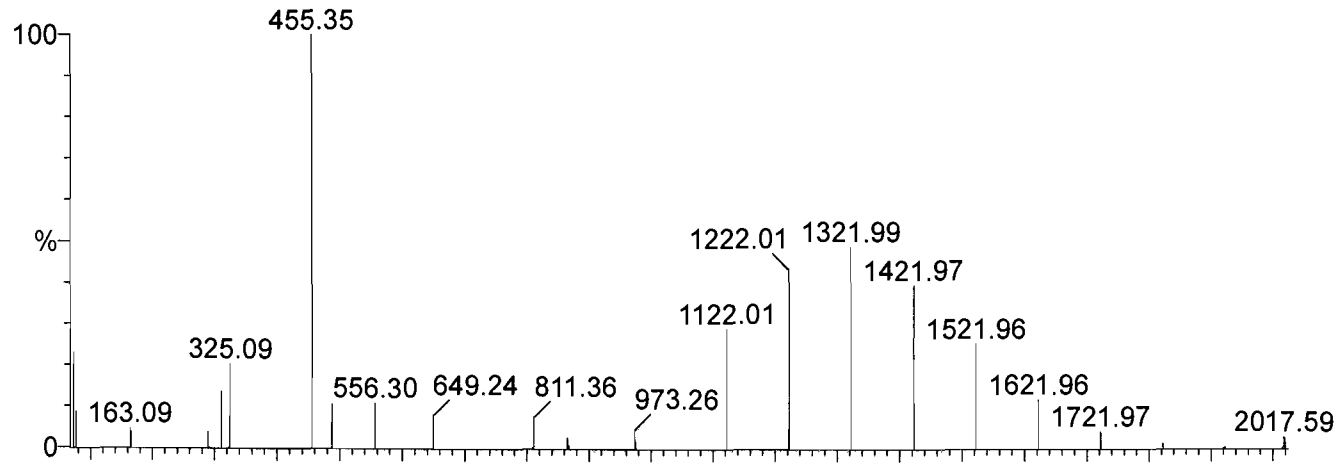


Mass calibration

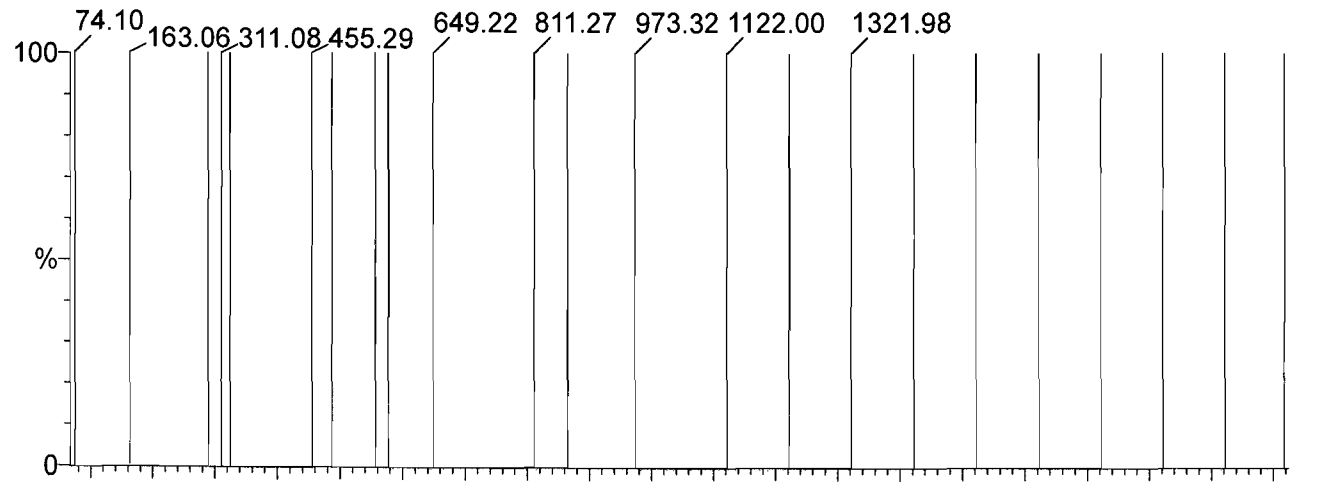
Calibration Report - MS1 Static 20180524 **Page 1 of 6**

Printed: **Thu May 24 13:42:33 2018**

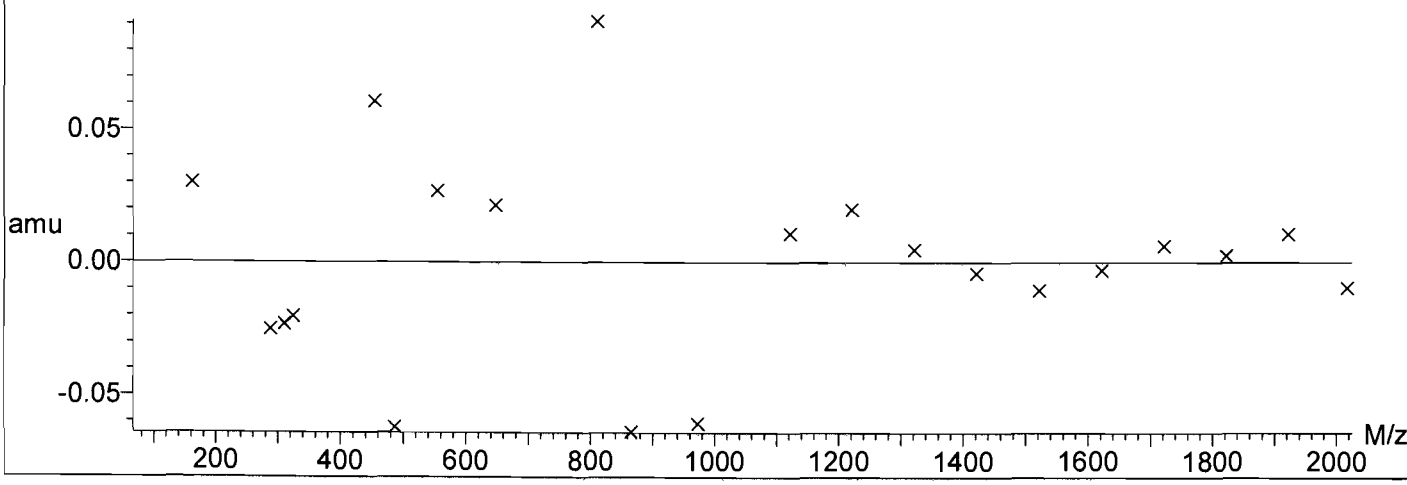
Data file: STATMS1 - Calibrated 21 matches of 23 tested references



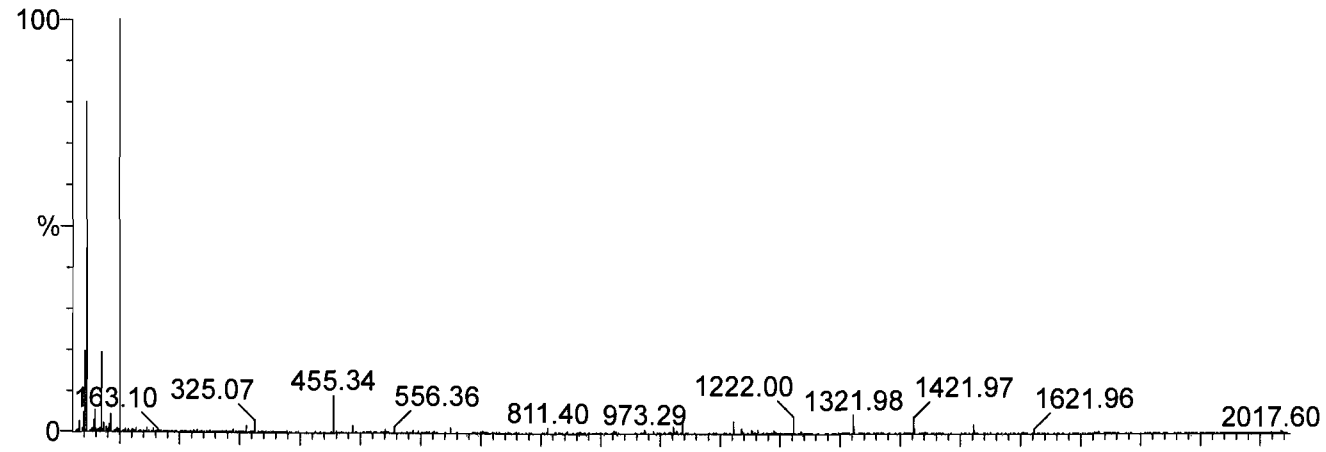
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.027 amu



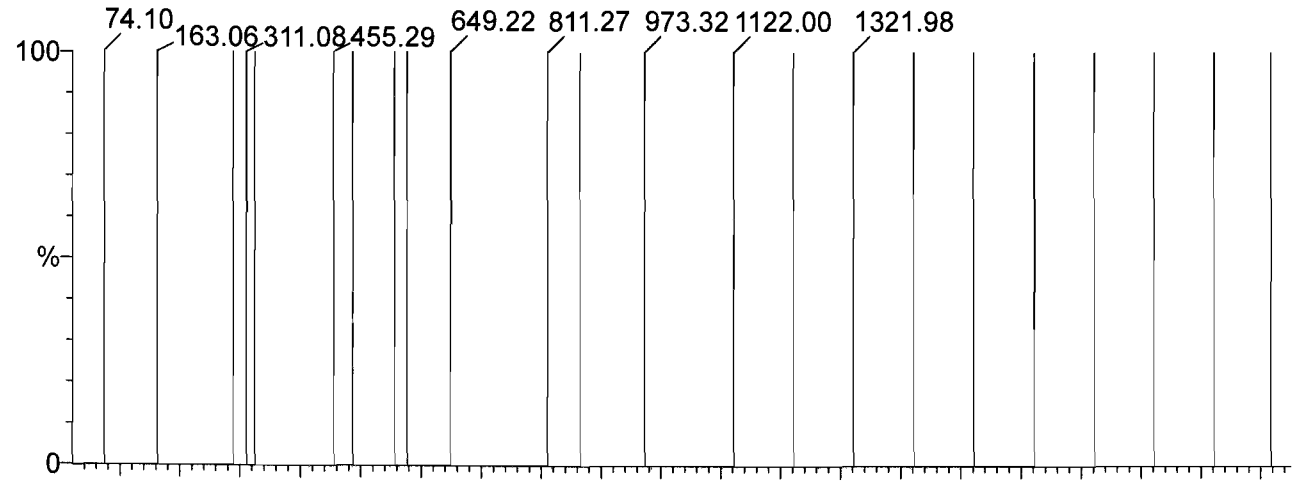
Residual Polynomial order = 4 RMS residual = 0.0367 amu



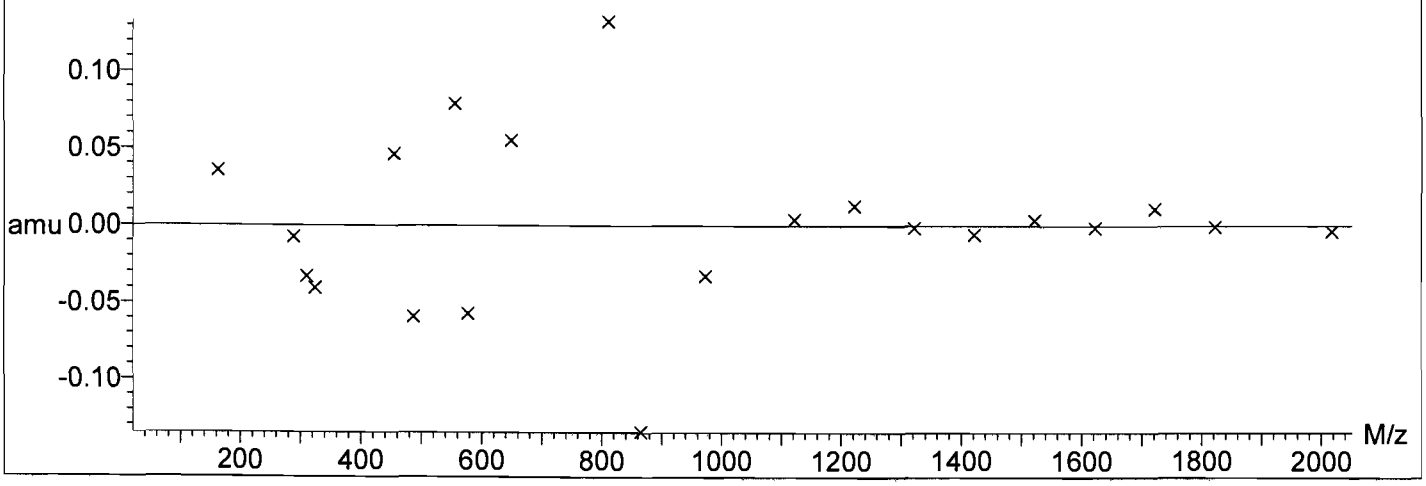
Data file: SCNMS1 - Calibrated 21 matches of 23 tested references



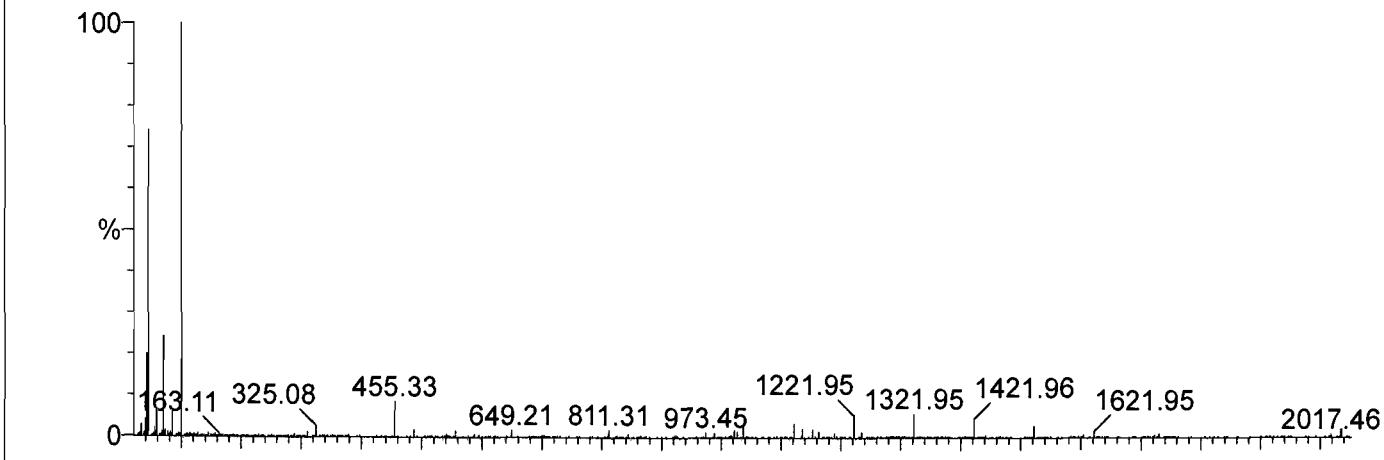
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0361 amu



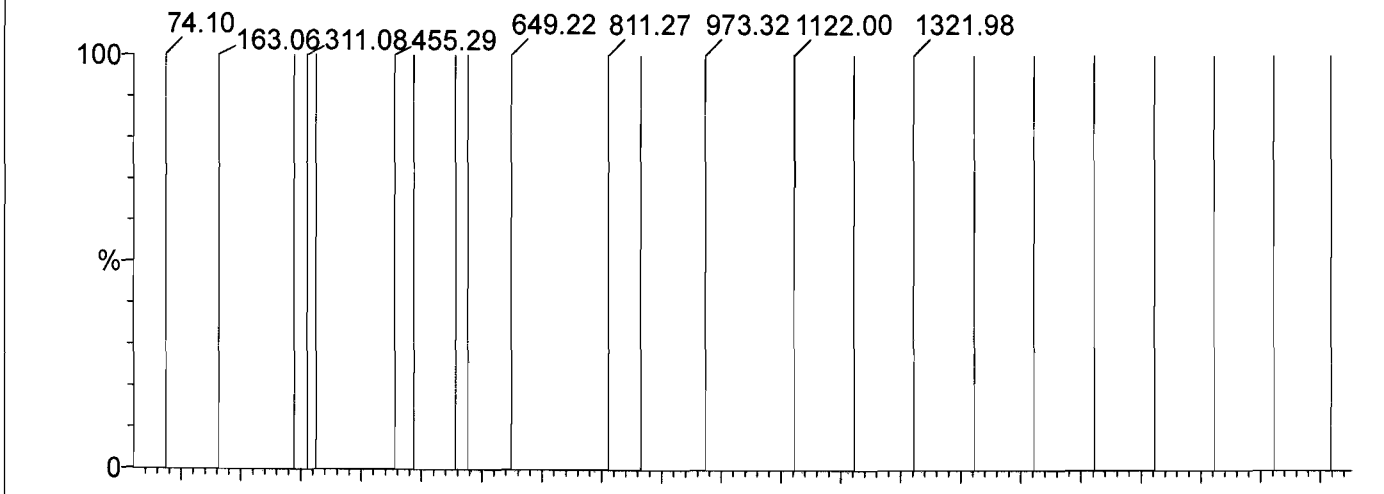
Residual Polynomial order = 4 RMS residual = 0.0532 amu



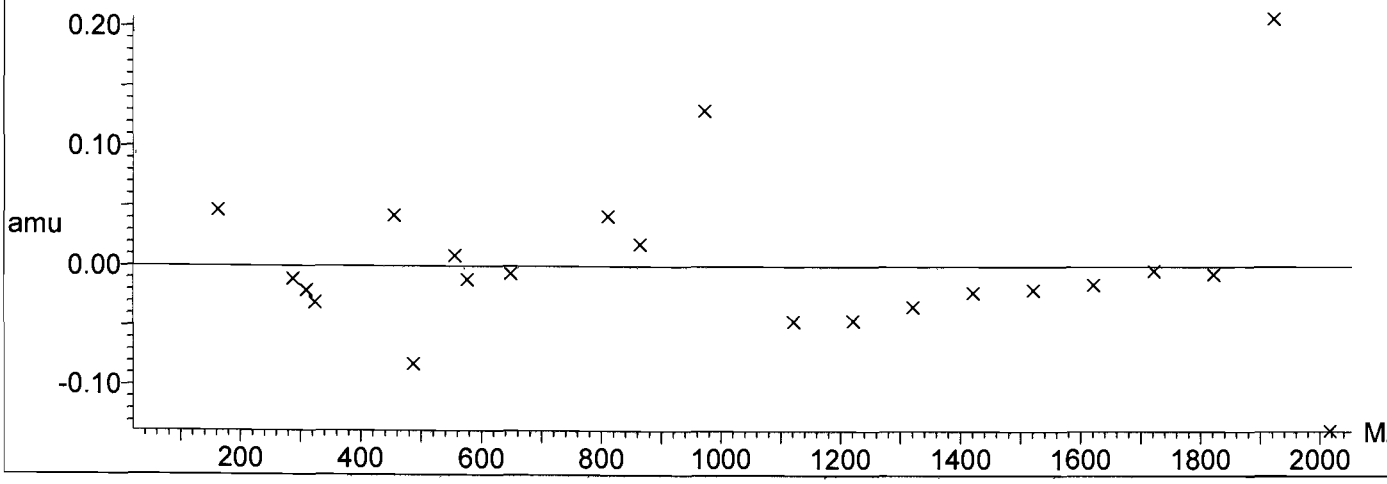
Data file: FASTMS1 - Calibrated 22 matches of 23 tested references



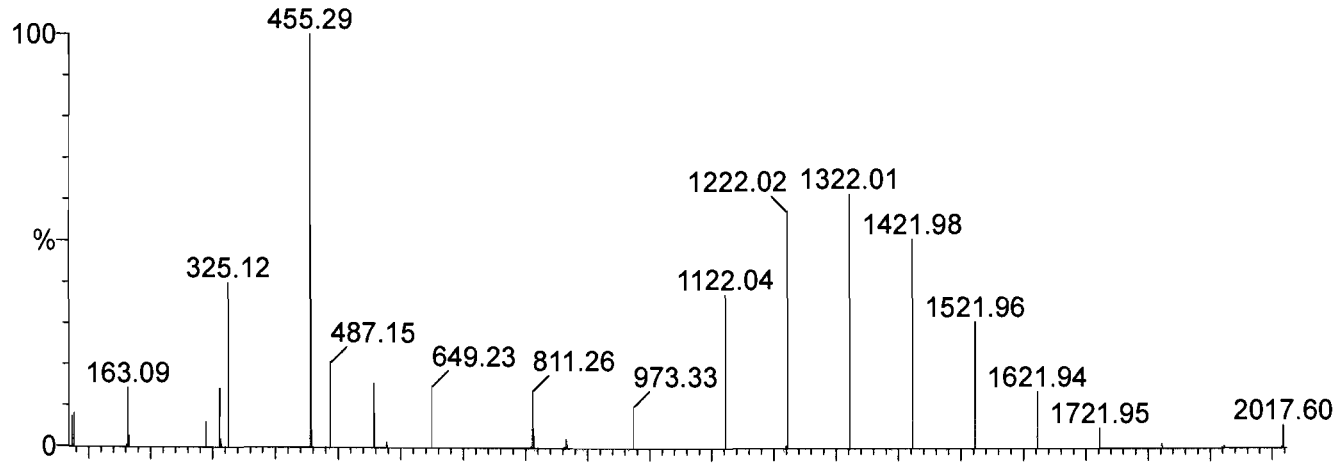
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0449 amu



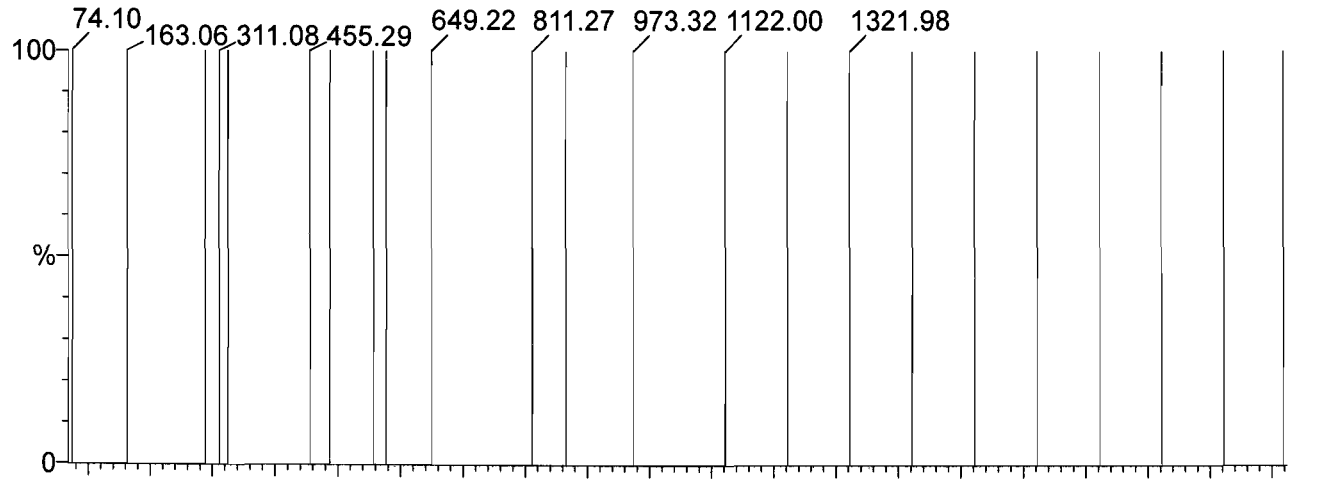
Residual Polynomial order = 4 RMS residual = 0.0673 amu



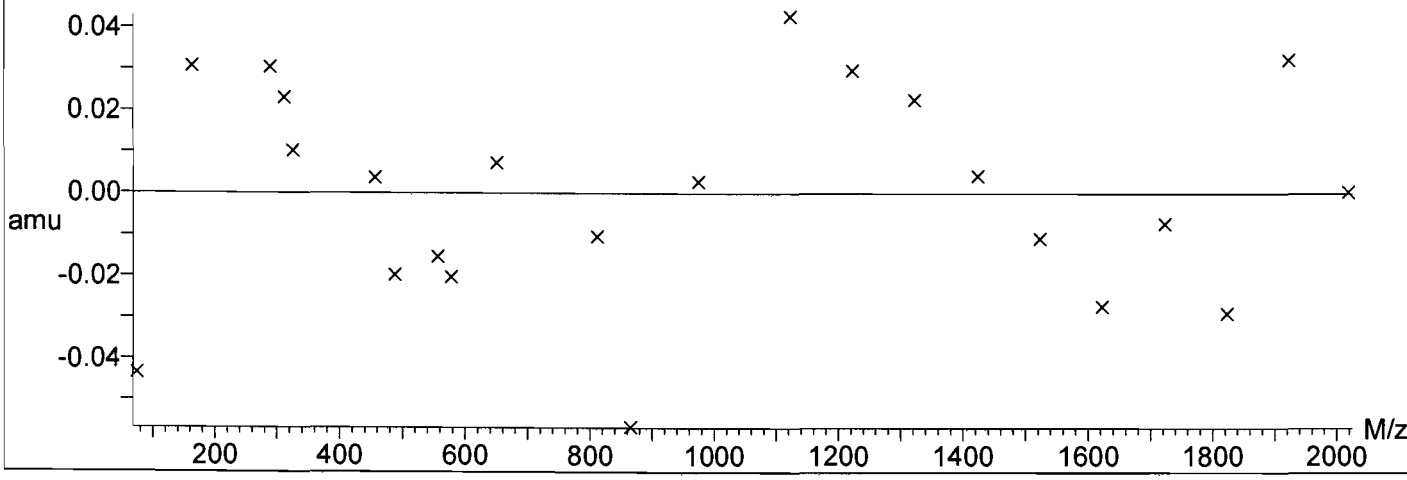
Data file: STATMS2 - Calibrated 23 matches of 23 tested references



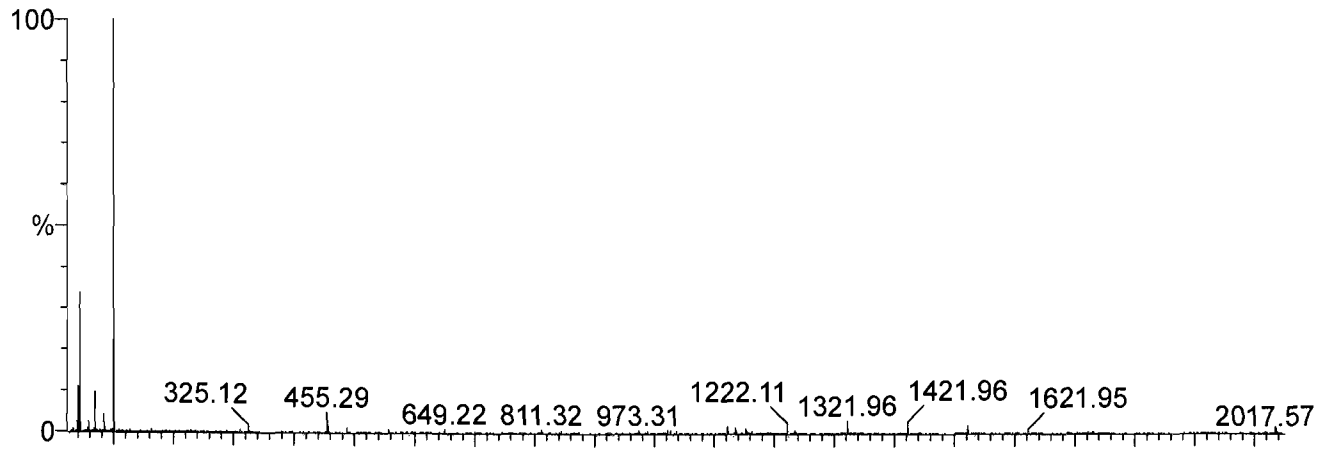
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0209 amu



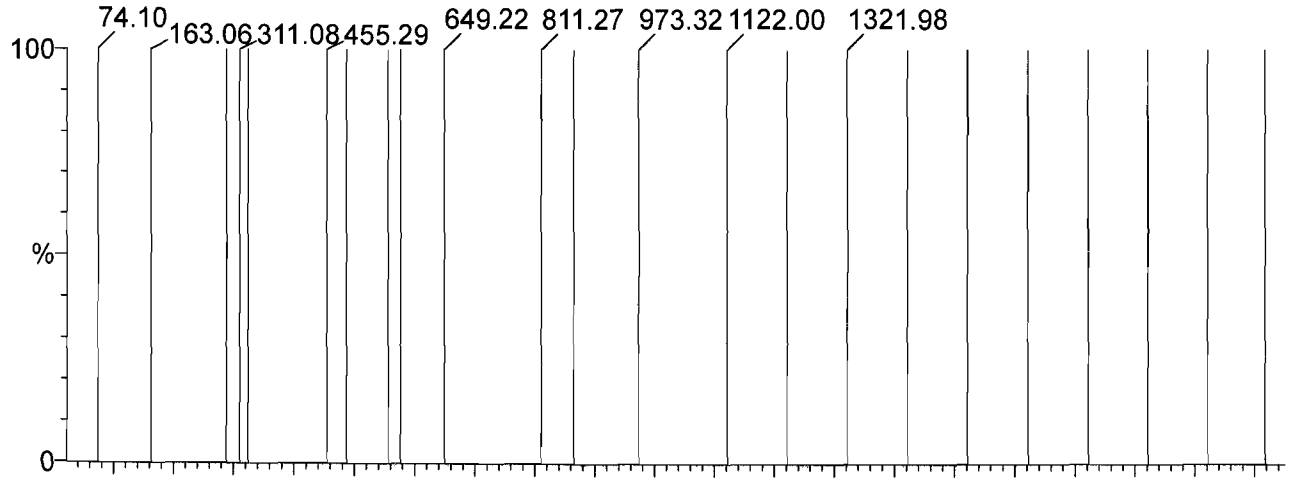
Residual Polynomial order = 4 RMS residual = 0.0254 amu



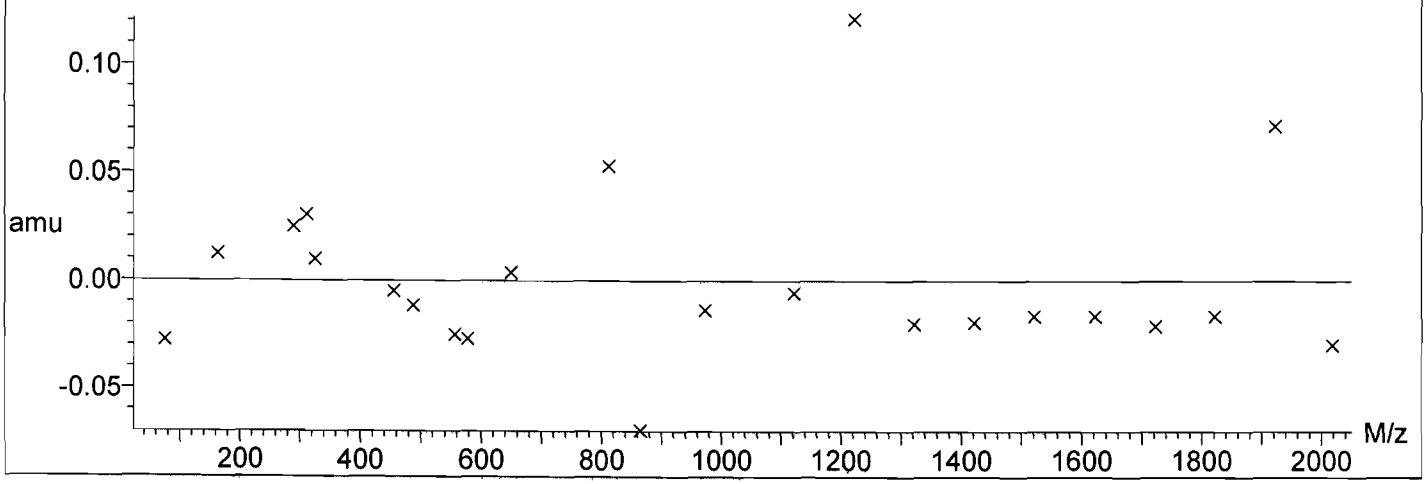
Data file: SCNMS2 - Calibrated 23 matches of 23 tested references



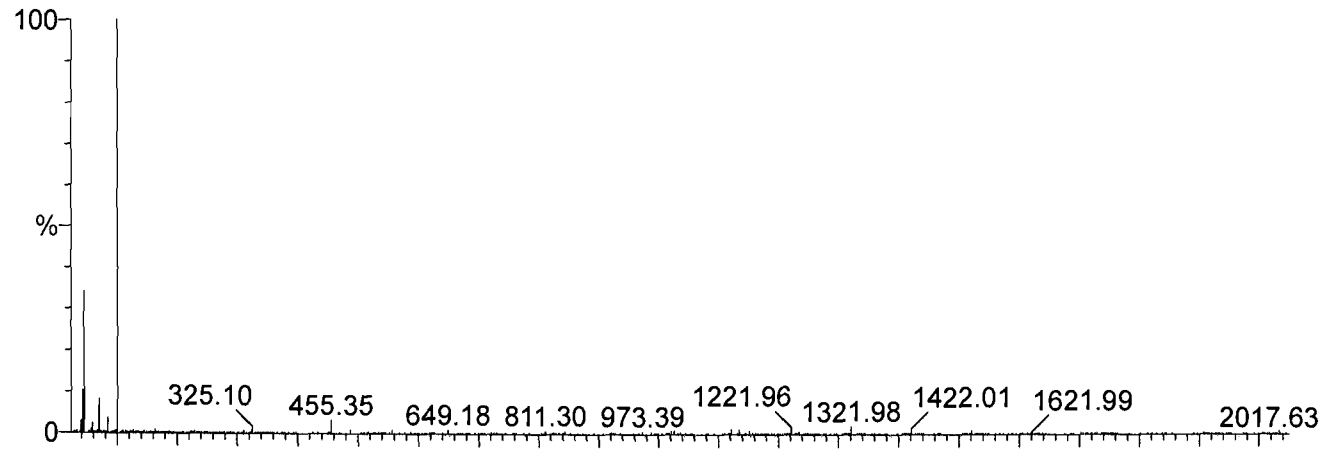
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0284 amu



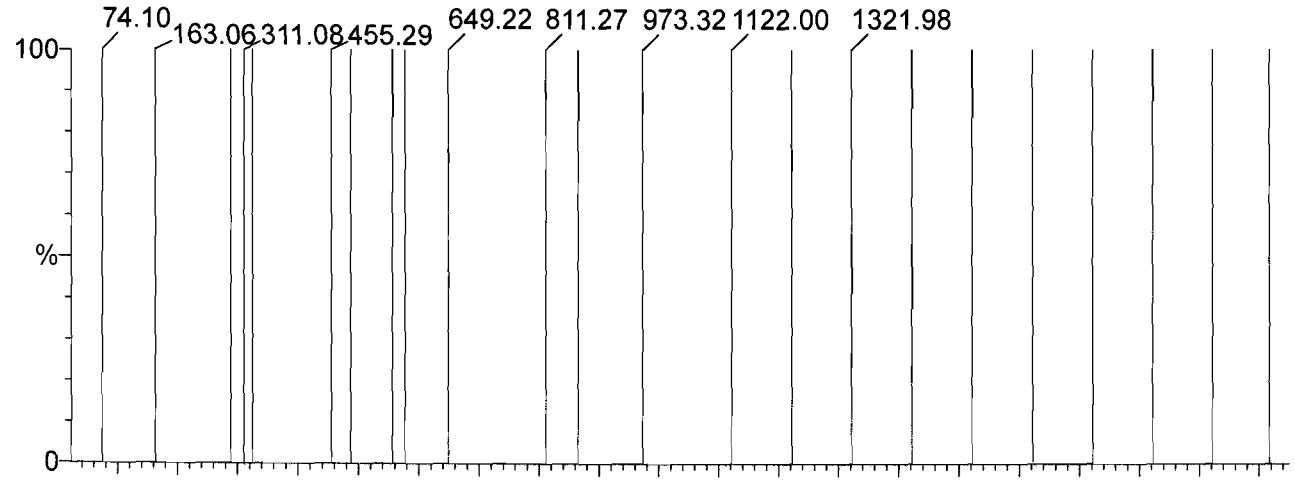
Residual Polynomial order = 4 RMS residual = 0.0389 amu



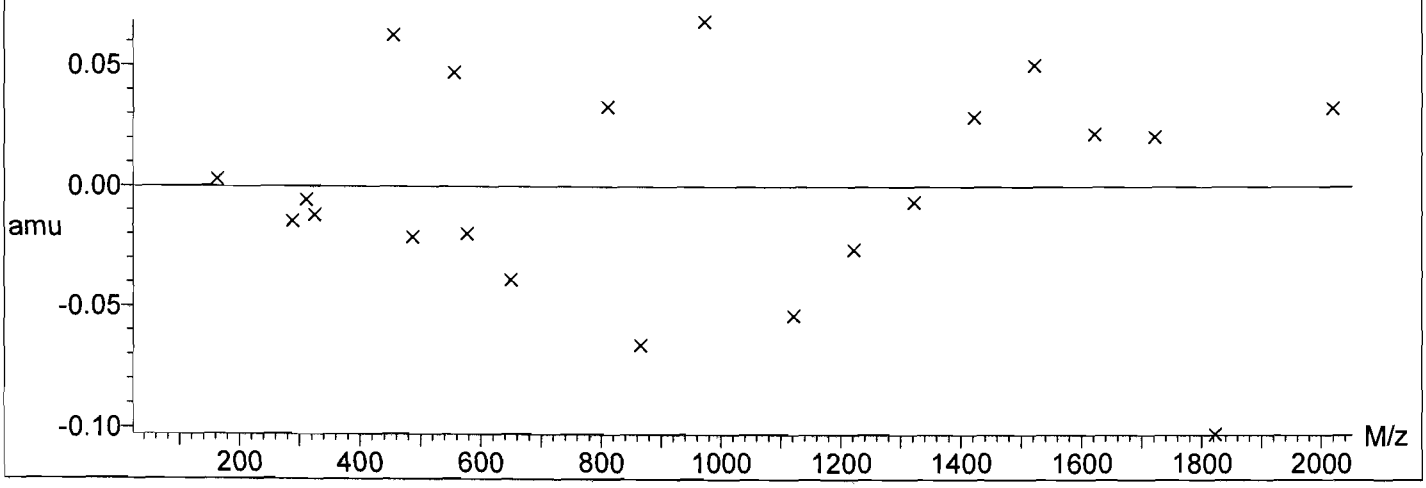
Data file: FASTMS2 - Calibrated 21 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.035 amu



Residual Polynomial order = 4 RMS residual = 0.0428 amu



Analytical Standard Record

Vista Analytical Laboratory

18D2004

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	(mls)
18A2908	13C2-PFHxA	29-Jan-18	** Vendor **	27-Sep-22	0.4
18B1503	13C2-6:2 FTS	15-Feb-18	** Vendor **	17-Feb-22	1.05
18B1504	13C2-8:2 FTS	15-Feb-18	** Vendor **	24-Jan-23	1.044
18B1505	13C3-PFBA	15-Feb-18	** Vendor **	27-May-21	1
18B1506	13C2-PFDA	15-Feb-18	** Vendor **	13-Jul-22	1
18B1507	13C2-PFUdA	15-Feb-18	** Vendor **	11-Nov-21	1
18B1508	13C2-PFTeDA	15-Feb-18	** Vendor **	30-Nov-22	1
18B1509	13C5-PFNA	15-Feb-18	** Vendor **	14-Dec-22	1
18B1510	13C2-PFDoA	15-Feb-18	** Vendor **	23-May-22	1
18B1511	13C4-PFHpA	15-Feb-18	** Vendor **	03-May-22	1
18B1512	13C2-PFOA	15-Feb-18	** Vendor **	26-Oct-22	1
18B1513	13C3-PFPeA	15-Feb-18	** Vendor **	20-Apr-22	1
18B1514	13C2-PFHxDA	15-Feb-18	** Vendor **	13-Jul-22	0.4
18B1515	d3-N-Me-FOSAA	15-Feb-18	** Vendor **	08-Nov-19	1
18B1516	d5-N-EtFOSAA	15-Feb-18	** Vendor **	08-Nov-22	1
18B1517	13C3-PFBS	15-Feb-18	** Vendor **	24-May-22	1.076
18B1518	18O2-PFHxS	15-Feb-18	** Vendor **	17-Feb-22	1.058
18B1520	13C8-PFOS	15-Feb-18	** Vendor **	08-Nov-22	1.05
18B1525	13C8-FOSA-I	15-Feb-18	** Vendor **	11-Oct-22	1
18C0910	13C2-4:2 FTS	09-Mar-18	** Vendor **	01-Sep-22	1.07

Description:	PFC - IS	Expires:	08-Nov-19
Standard Type:	Reagent	Prepared:	20-Apr-18
Solvent:	MeOH	Prepared By:	Giana R. Bilotta
Final Volume (mls):	40	Department:	LCMS
Vials:	1	Last Edit:	20-Apr-18 10:40 by GRB

Analyte	CAS Number	Concentration	Units
13C3-PFBA		1.25	ug/mL
13C2-6:2 FTS		1.25	ug/mL
13C2-8:2 FTS		1.25	ug/mL
13C2-PFDA		1.25	ug/mL
13C2-PFDoA		1.25	ug/mL
13C2-PFHxA		0.5	ug/mL
13C2-PFHxDA		0.5	ug/mL
13C2-PFOA		1.25	ug/mL
13C2-4:2 FTS		1.25	ug/mL
13C2-PFUnA		1.25	ug/mL
d5-EtFOSAA		1.25	ug/mL
13C3-PFBS		1.25	ug/mL
13C3-PFPeA		1.25	ug/mL

Analytical Standard Record

Vista Analytical Laboratory

18D2004

Description:	PFC - IS	Expires:	08-Nov-19
Standard Type:	Reagent	Prepared:	20-Apr-18
Solvent:	MeOH	Prepared By:	Giana R. Bilotta
Final Volume (mls):	40	Department:	LCMS
Vials:	1	Last Edit:	20-Apr-18 10:40 by GRB

Analyte	CAS Number	Concentration	Units
13C4-PFHpA		1.25	ug/mL
13C5-PFNA		1.25	ug/mL
13C8-PFOS		1.25	ug/mL
13C8-PFOSA		1.25	ug/mL
18O2-PFHxS		1.25	ug/mL
d3-MeFOSAA		1.25	ug/mL
13C2-PFTeDA		1.25	ug/mL