

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072018AR\
 Data File : FE028332.D
 Signal(s) : FID1B.CH
 Acq On : 20 Jul 2018 16:50
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 17:28:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 20 17:26:26 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.979	801695	20.019 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
6) S 2-Fluorobiphenyl (SURR)	8.861	589992	20.406 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.81%
11) S ortho-Terphenyl (SURR)	11.923	1017828	19.883 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.738	778835	19.859 ug/ml
2) T Naphthalene (C11.7)	6.304	844528	19.715 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	885663	19.930 ug/ml
5) T Acenaphthylene (C15.06)	8.661	917190	19.989 ug/ml
7) T Acenaphthene (C15.5)	8.959	980551	20.125 ug/ml
8) T Flouorene (C16.55)	9.748	997254	20.234 ug/ml
9) T Phenanthrene (C19.36)	11.163	1044475	20.053 ug/ml
10) T Anthracene (C19.43)	11.238	1023254	19.937 ug/ml
12) T Fluoranthene (C21.85)	12.996	1059990	19.804 ug/ml
13) T Pyrene (C20.8)	13.298	1025623	19.684 ug/ml
14) T Benzo[a]anthracene (C...	15.188	954063	19.761 ug/ml
15) T Chrysene (C27.41)	15.231	994811	19.801 ug/ml
16) T benzo[b]fluoranthene ...	16.758	985805	19.804 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	1018264	19.779 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	1014101	19.879 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.526	1028325	19.703 ug/ml
20) T Dibenz[a,h]anthracene...	18.559	1045320	20.173 ug/ml
21) T Benzo[g,h,i]perylene ...	18.785	1042819	20.037 ug/ml

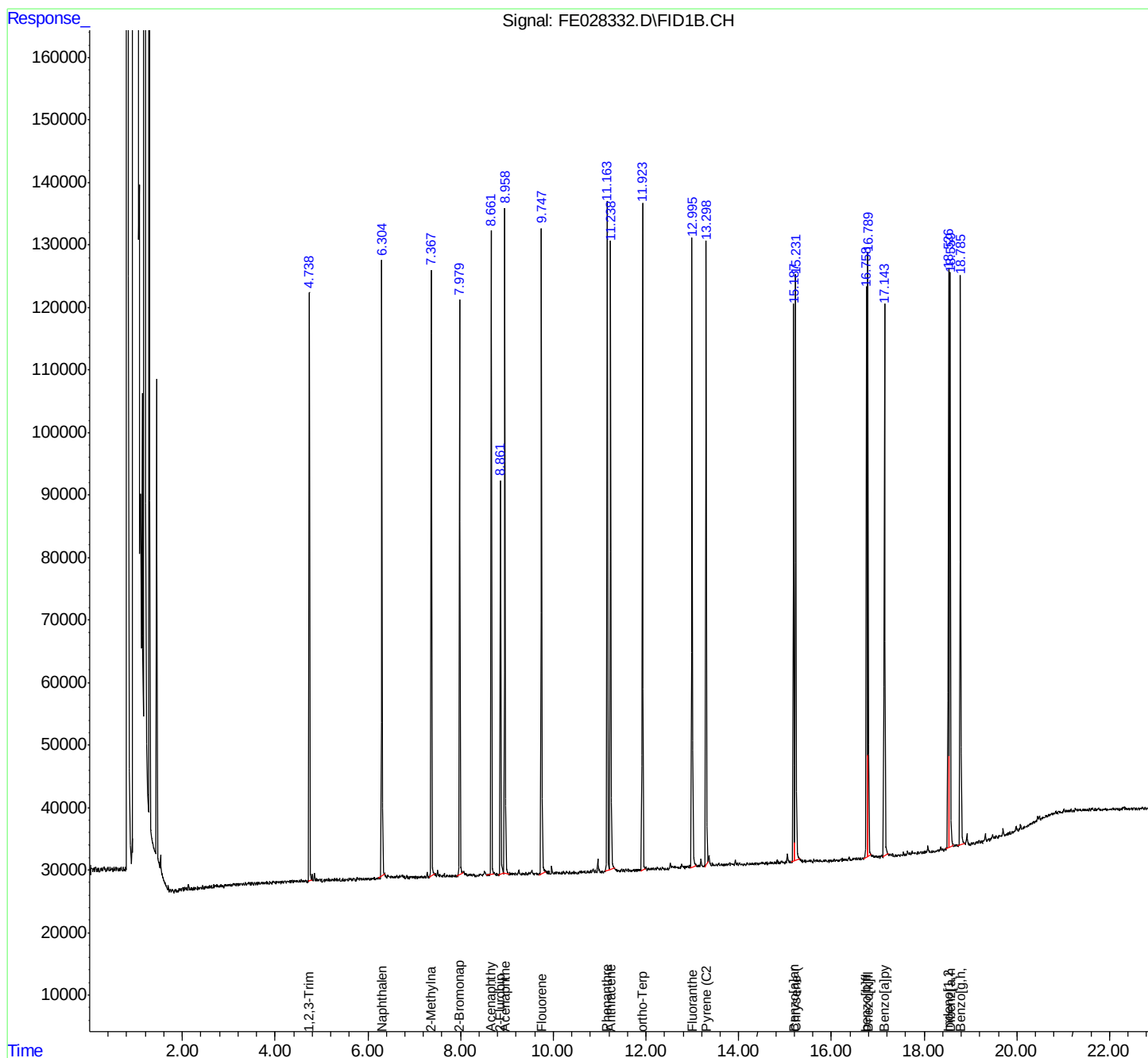
(f)=RT Delta > 1/2 Window

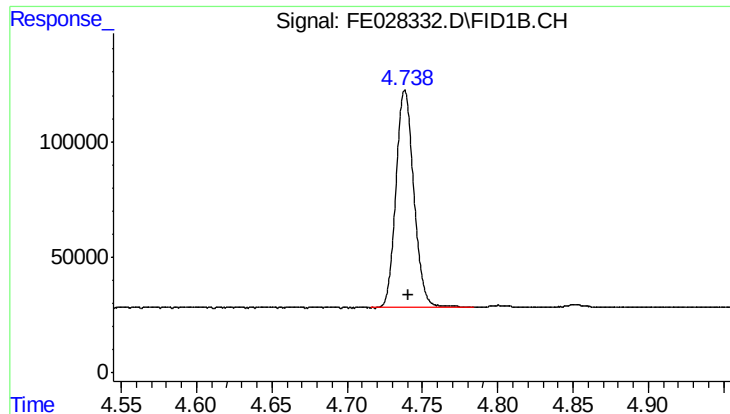
(m)=manual int.

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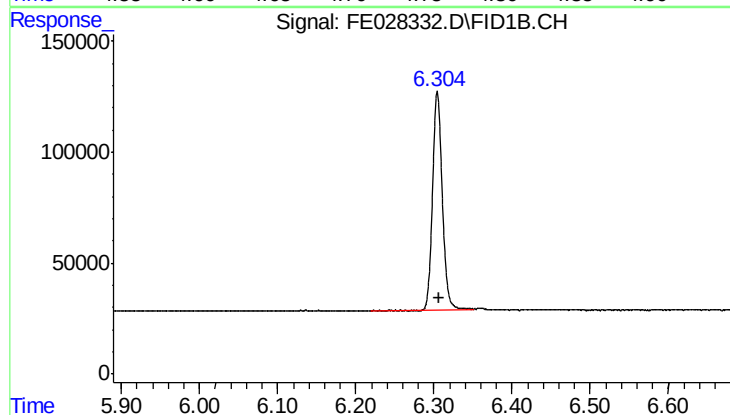
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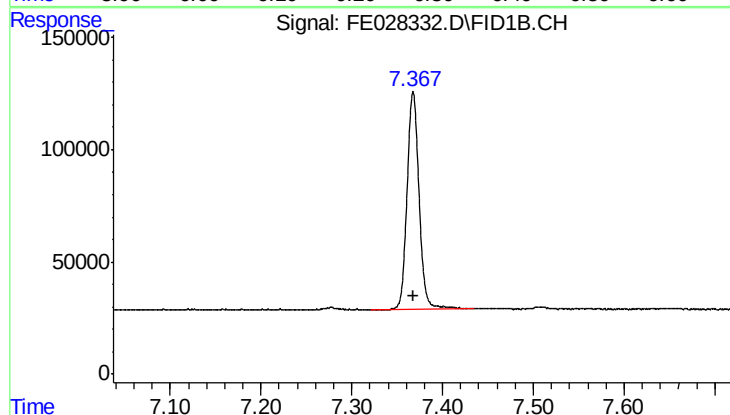
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.738 min
Delta R.T.: -0.002 min
Response: 778835
Conc: 19.86 ug/ml



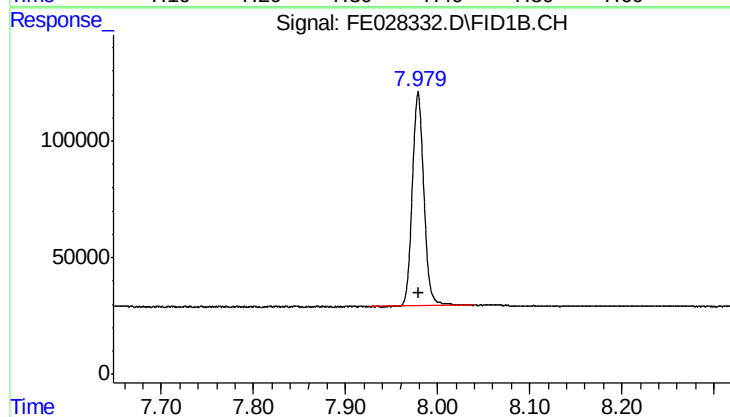
#2 Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.002 min
Response: 844528
Conc: 19.72 ug/ml



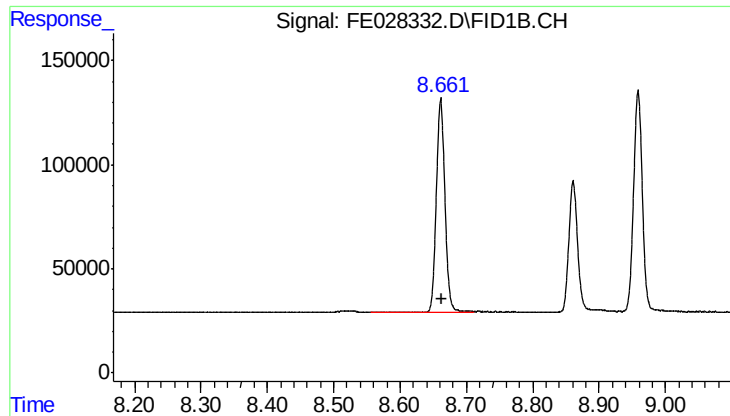
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 885663
Conc: 19.93 ug/ml



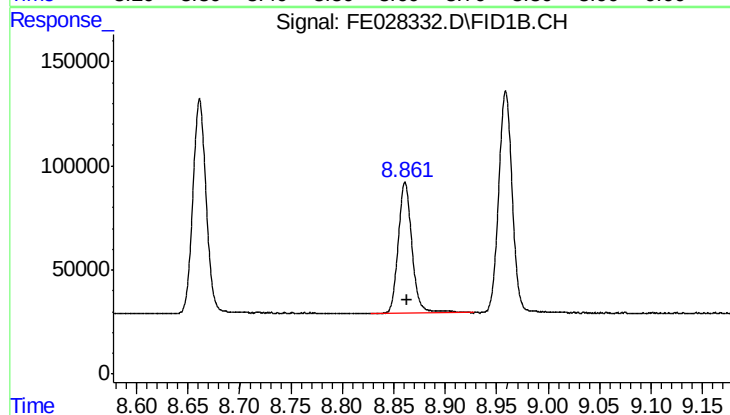
#4 2-Bromonaphthalene (SURR)

R.T.: 7.979 min
Delta R.T.: -0.001 min
Response: 801695
Conc: 20.02 ug/ml



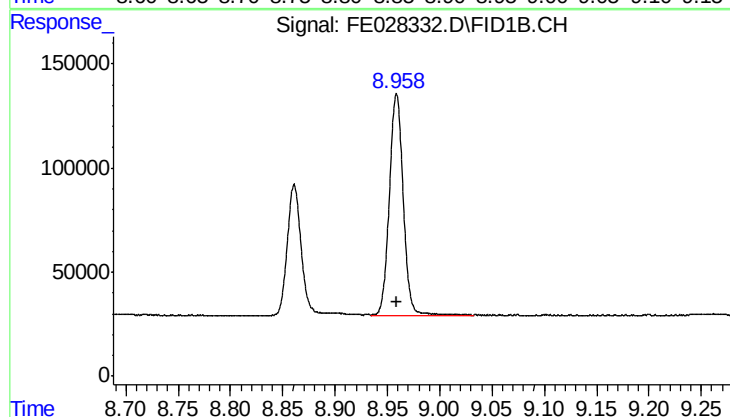
#5 Acenaphthylene (C15.06)

R.T.: 8.661 min
Delta R.T.: -0.001 min
Response: 917190
Conc: 19.99 ug/ml



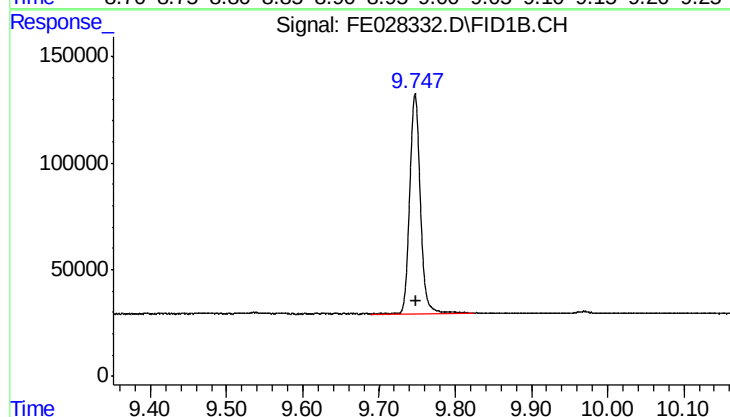
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.861 min
Delta R.T.: -0.002 min
Response: 589992
Conc: 20.41 ug/ml



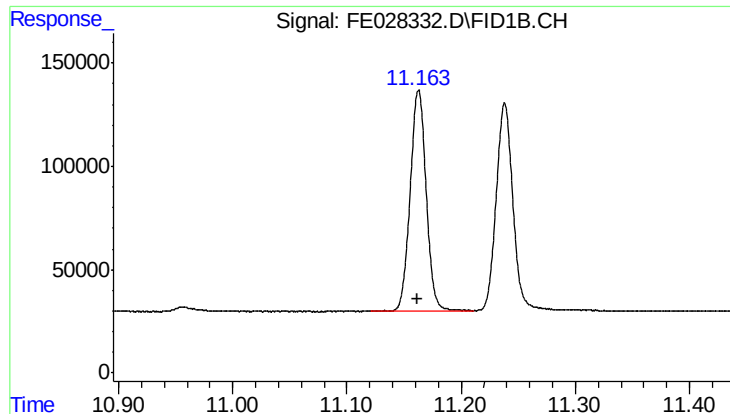
#7 Acenaphthene (C15.5)

R.T.: 8.959 min
Delta R.T.: 0.000 min
Response: 980551
Conc: 20.12 ug/ml



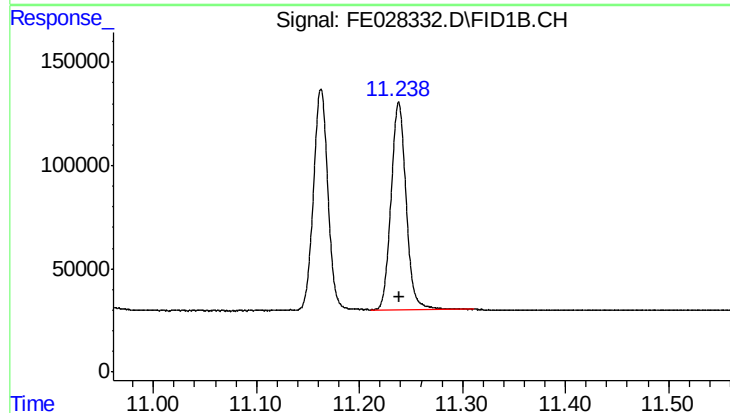
#8 Fluorene (C16.55)

R.T.: 9.748 min
Delta R.T.: 0.000 min
Response: 997254
Conc: 20.23 ug/ml



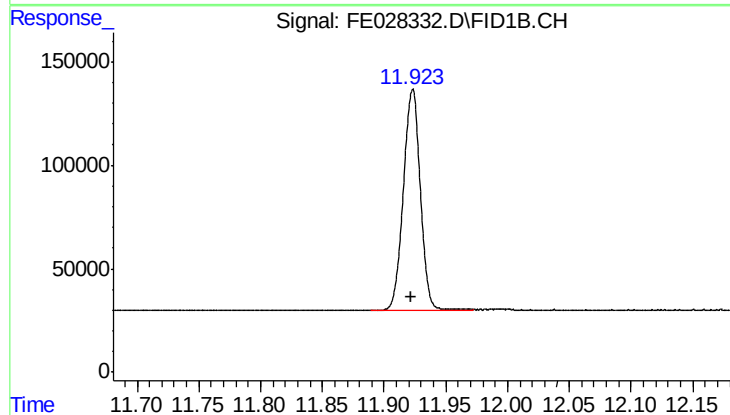
#9 Phenanthrene (C19.36)

R.T.: 11.163 min
Delta R.T.: 0.000 min
Response: 1044475
Conc: 20.05 ug/ml



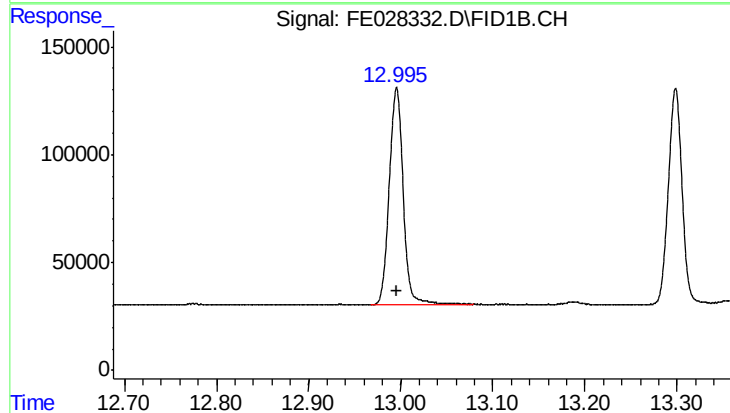
#10 Anthracene (C19.43)

R.T.: 11.238 min
Delta R.T.: 0.000 min
Response: 1023254
Conc: 19.94 ug/ml



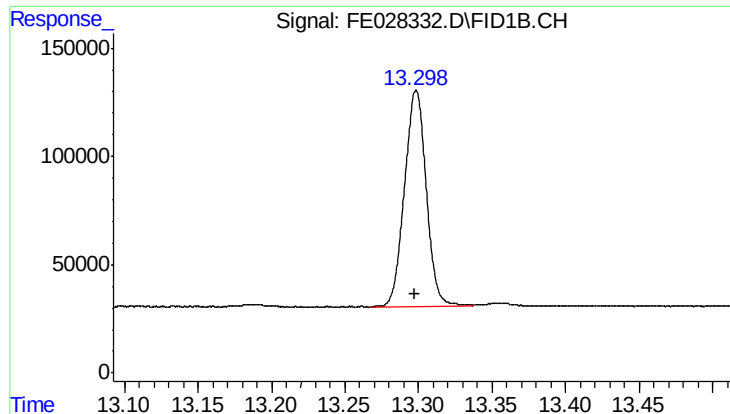
#11 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: 0.001 min
Response: 1017828
Conc: 19.88 ug/ml



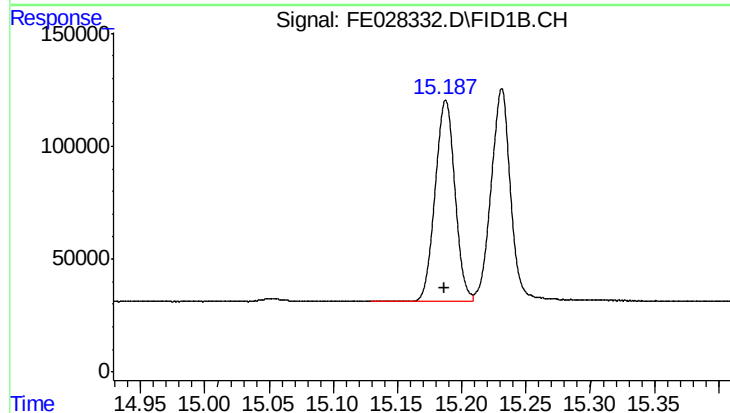
#12 Fluoranthene (C21.85)

R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 1059990
Conc: 19.80 ug/ml



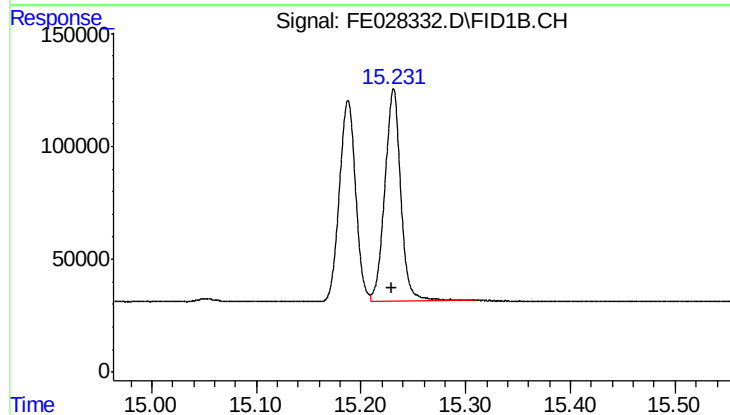
#13 Pyrene (C20.8)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 1025623
Conc: 19.68 ug/ml



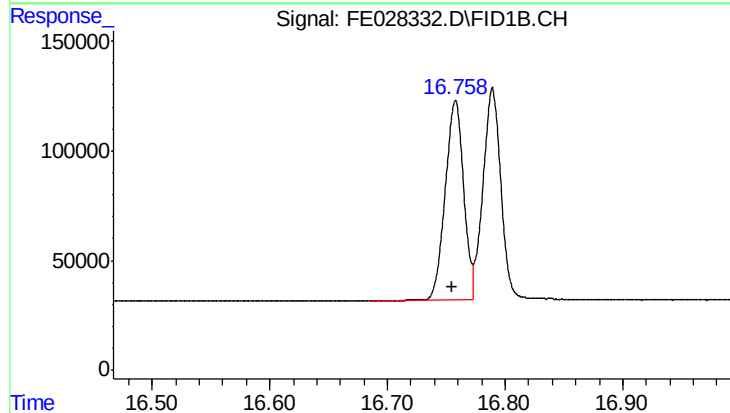
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.188 min
Delta R.T.: 0.000 min
Response: 954063
Conc: 19.76 ug/ml



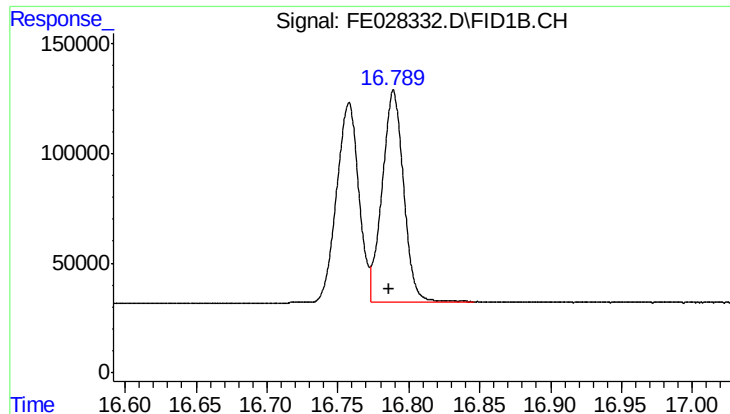
#15 Chrysene (C27.41)

R.T.: 15.231 min
Delta R.T.: 0.002 min
Response: 994811
Conc: 19.80 ug/ml



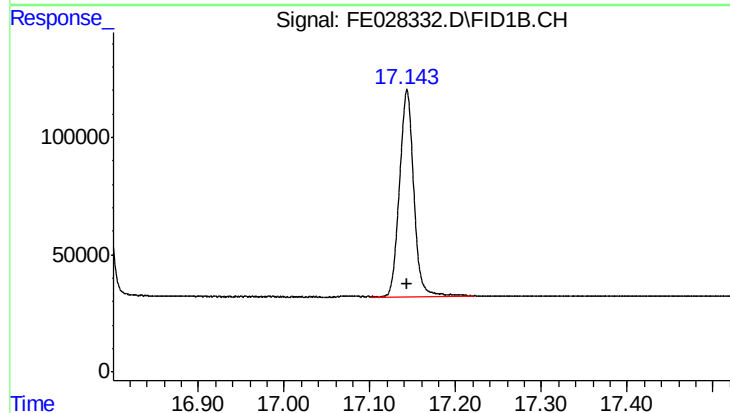
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.758 min
Delta R.T.: 0.003 min
Response: 985805
Conc: 19.80 ug/ml



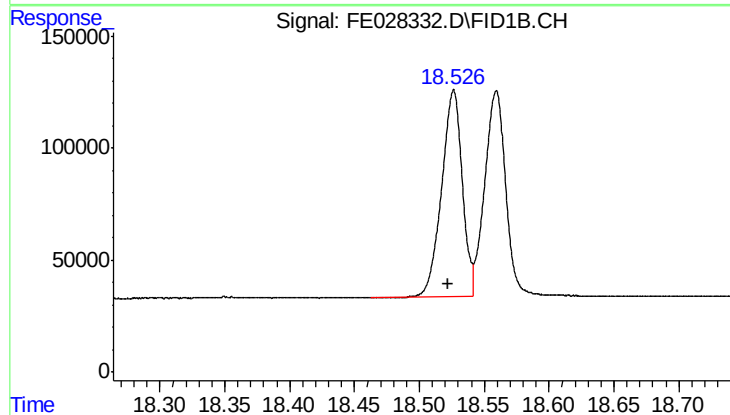
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.789 min
Delta R.T.: 0.003 min
Response: 1018264
Conc: 19.78 ug/ml



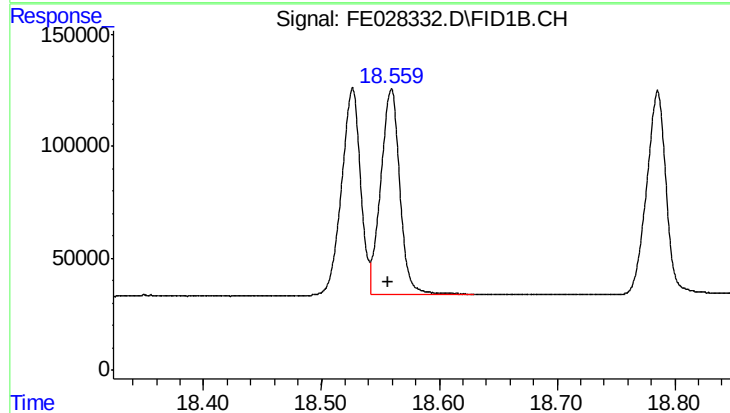
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.143 min
Delta R.T.: 0.000 min
Response: 1014101
Conc: 19.88 ug/ml



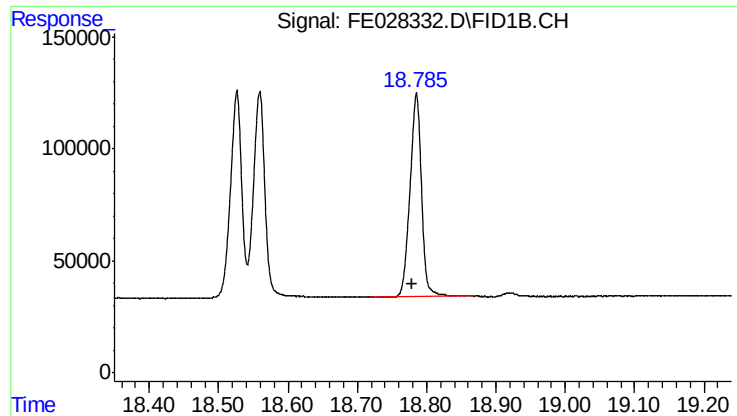
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.526 min
Delta R.T.: 0.004 min
Response: 1028325
Conc: 19.70 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.559 min
Delta R.T.: 0.003 min
Response: 1045320
Conc: 20.17 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.785 min
Delta R.T.: 0.006 min
Response: 1042819
Conc: 20.04 ug/ml