

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD092018AR\
 Data File : FD025646.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2018 19:18
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 05:25:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.430	1670907	20.727 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
6) S 2-Fluorobiphenyl (SURR)	8.281	1175576	20.702 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.40%
11) S ortho-Terphenyl (SURR)	11.326	1949359	20.796 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	1705353	21.703 ug/ml
2) T Naphthalene (C11.7)	5.765	1865727	21.332 ug/ml
3) T 2-Methylnaphthalene (...)	6.816	1863948	21.022 ug/ml
5) T Acenaphthylene (C15.06)	8.085	1855074	20.810 ug/ml
7) T Acenaphthene (C15.5)	8.381	1943179	20.774 ug/ml
8) T Fluorene (C16.55)	9.160	1952136	20.400 ug/ml
9) T Phenanthrene (C19.36)	10.550	2005131	20.761 ug/ml
10) T Anthracene (C19.43)	10.624	1958192	20.636 ug/ml
12) T Fluoranthene (C21.85)	12.355	2065362	21.529 ug/ml
13) T Pyrene (C20.8)	12.649	2072205	21.657 ug/ml
14) T Benzo[alanthracene (C...	14.518	2098164	23.444 ug/ml
15) T Chrysene (C27.41)	14.560	2130727	23.750 ug/ml
16) T benzo[b]fluoranthene ...	16.063	2245227	23.495 ug/ml
17) T Benzo[k]fluoranthene ...	16.096	2298006	23.731 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2247269	23.099 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	2194098	21.403 ug/ml
20) T Dibenz[a,h]anthracene...	17.843	2162513	21.467 ug/ml
21) T Benzo[a,h,i]perylene ...	18.055	2241711	21.668 ug/mlm

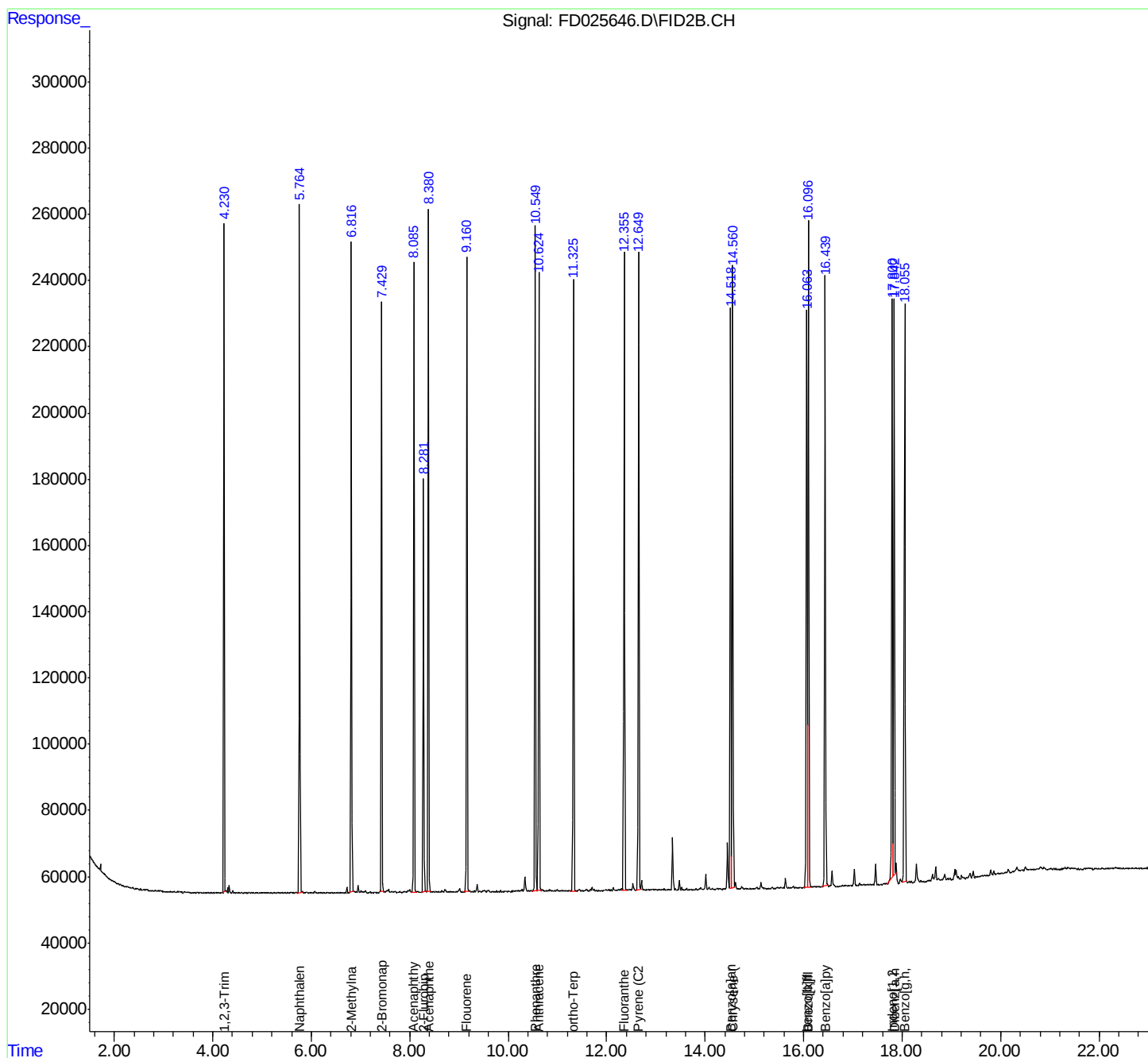
(f)=RT Delta > 1/2 Window

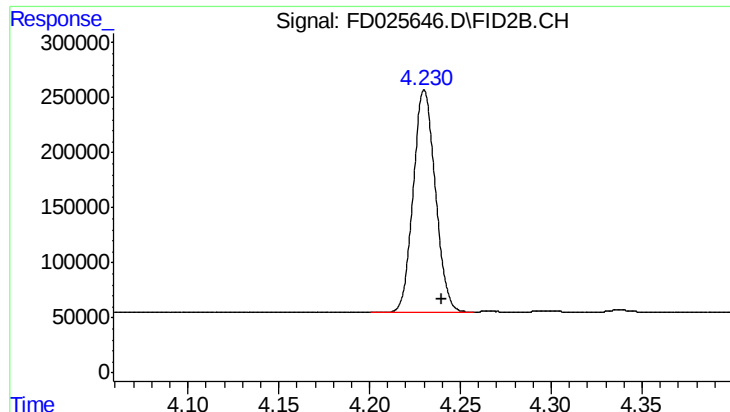
(m)=manual int.

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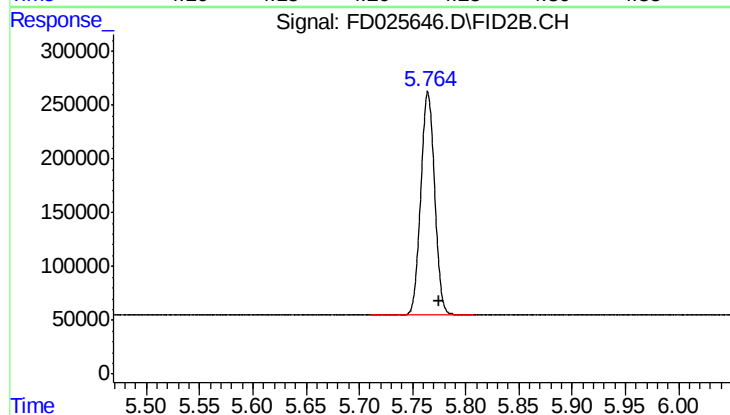
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Signal Info : 20M x 0.18mm x 0.18µm





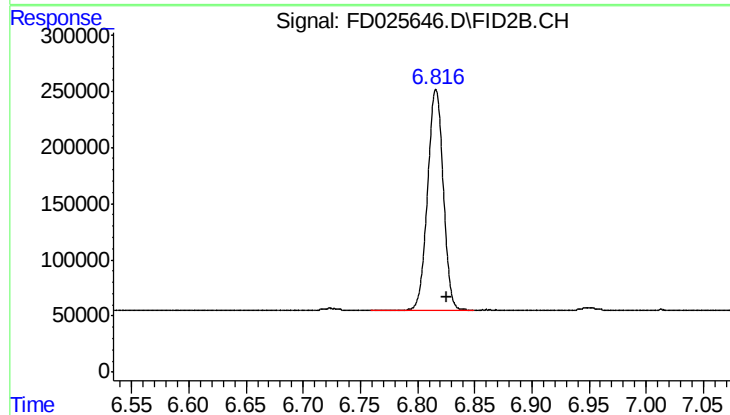
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.230 min
Delta R.T.: -0.010 min
Response: 1705353
Conc: 21.70 ug/ml



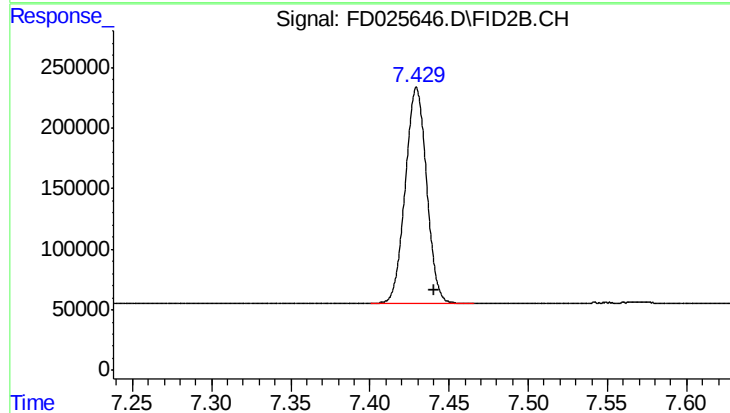
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.010 min
Response: 1865727
Conc: 21.33 ug/ml



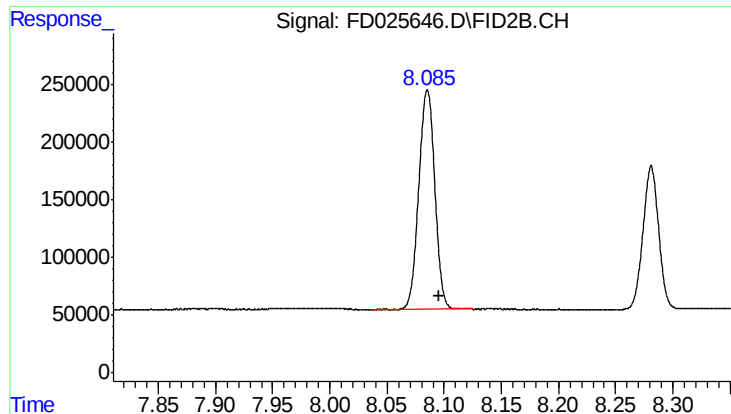
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.816 min
Delta R.T.: -0.010 min
Response: 1863948
Conc: 21.02 ug/ml



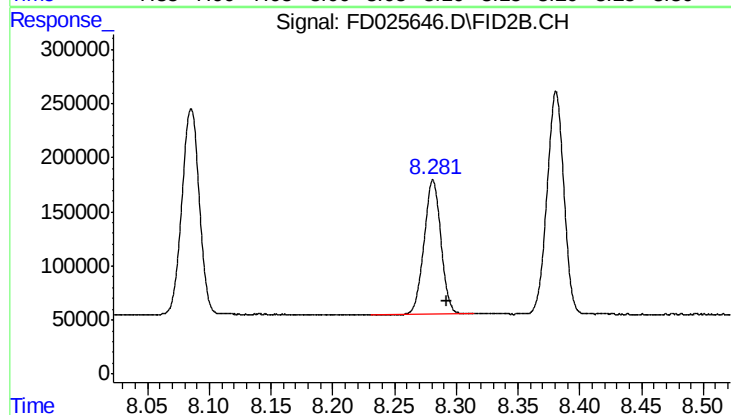
#4 2-Bromonaphthalene (SURR)

R.T.: 7.430 min
Delta R.T.: -0.011 min
Response: 1670907
Conc: 20.73 ug/ml



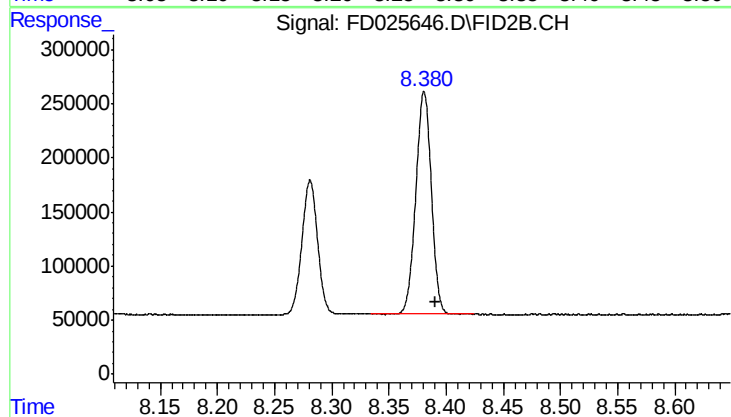
#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.011 min
Response: 1855074
Conc: 20.81 ug/ml



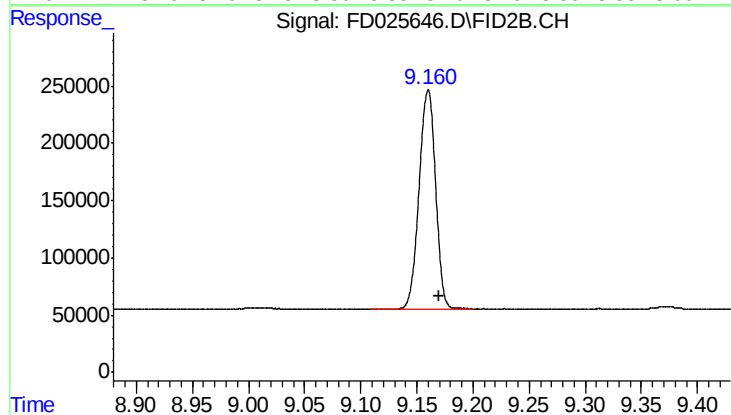
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.011 min
Response: 1175576
Conc: 20.70 ug/ml



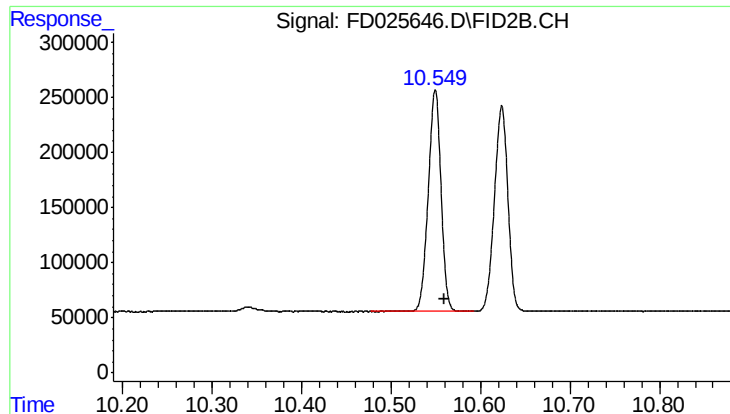
#7 Acenaphthene (C15.5)

R.T.: 8.381 min
Delta R.T.: -0.010 min
Response: 1943179
Conc: 20.77 ug/ml



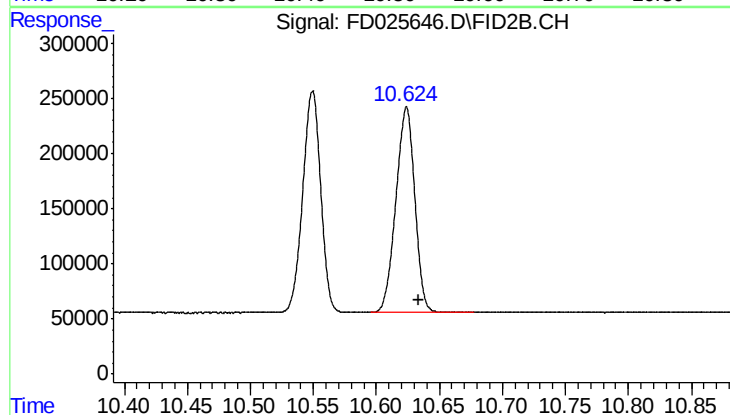
#8 Fluorene (C16.55)

R.T.: 9.160 min
Delta R.T.: -0.009 min
Response: 1952136
Conc: 20.40 ug/ml



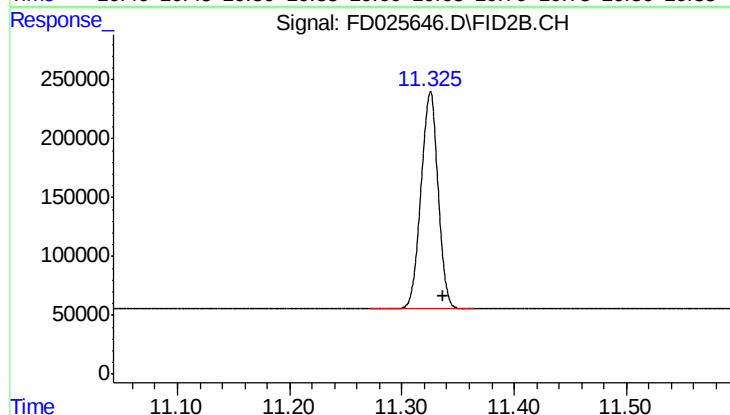
#9 Phenanthrene (C19.36)

R.T.: 10.550 min
Delta R.T.: -0.011 min
Response: 2005131
Conc: 20.76 ug/ml



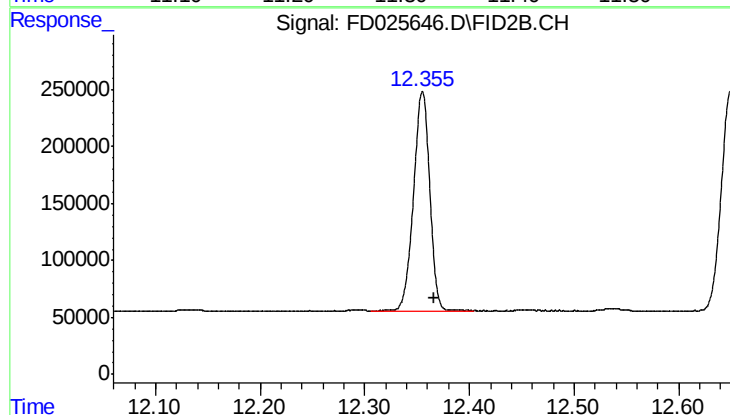
#10 Anthracene (C19.43)

R.T.: 10.624 min
Delta R.T.: -0.010 min
Response: 1958192
Conc: 20.64 ug/ml



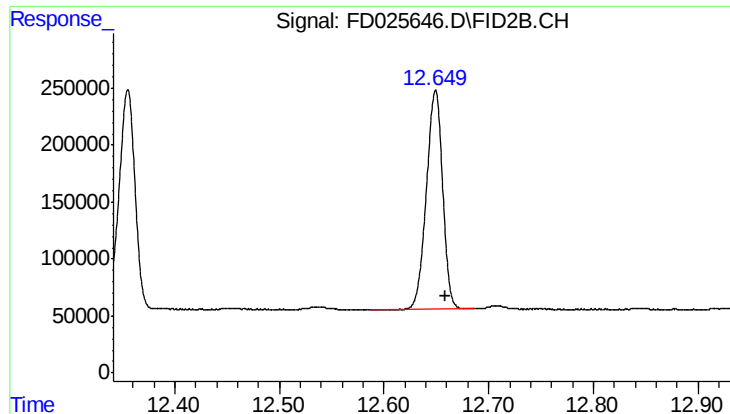
#11 ortho-Terphenyl (SURR)

R.T.: 11.326 min
Delta R.T.: -0.011 min
Response: 1949359
Conc: 20.80 ug/ml



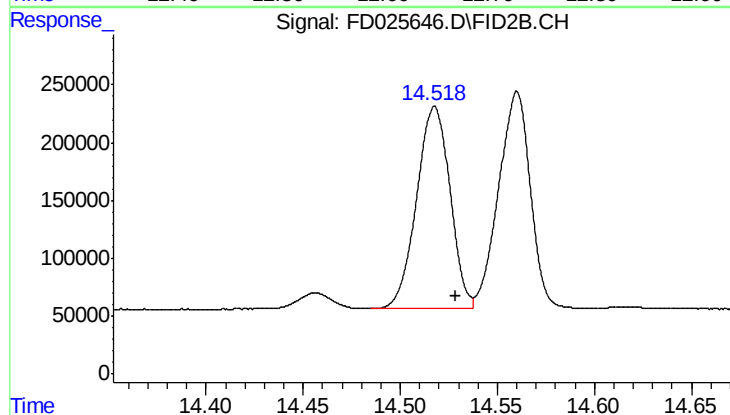
#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 2065362
Conc: 21.53 ug/ml



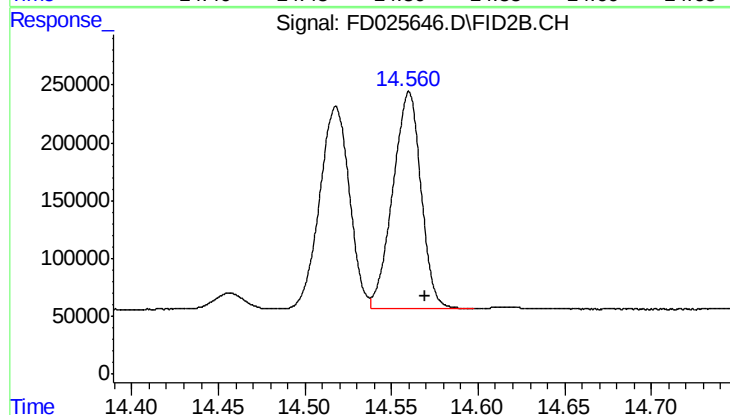
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: -0.010 min
Response: 2072205
Conc: 21.66 ug/ml



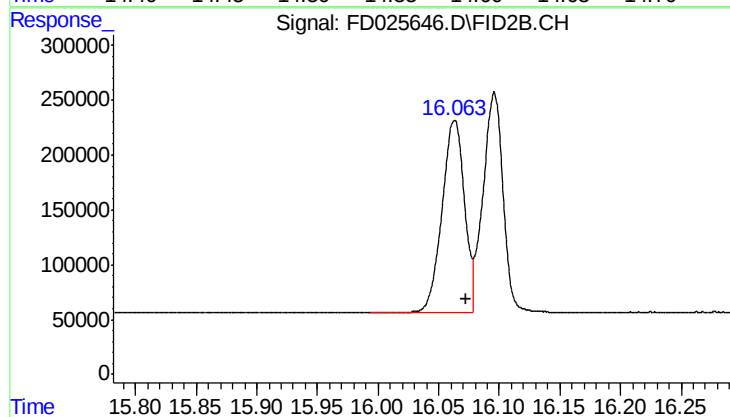
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: -0.011 min
Response: 2098164
Conc: 23.44 ug/ml



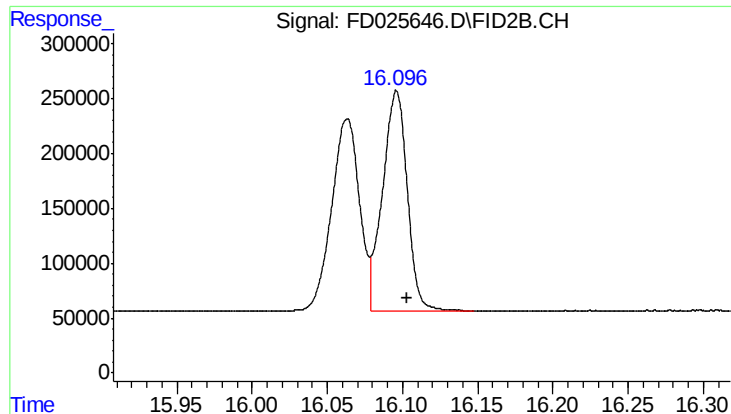
#15 Chrysene (C27.41)

R.T.: 14.560 min
Delta R.T.: -0.009 min
Response: 2130727
Conc: 23.75 ug/ml



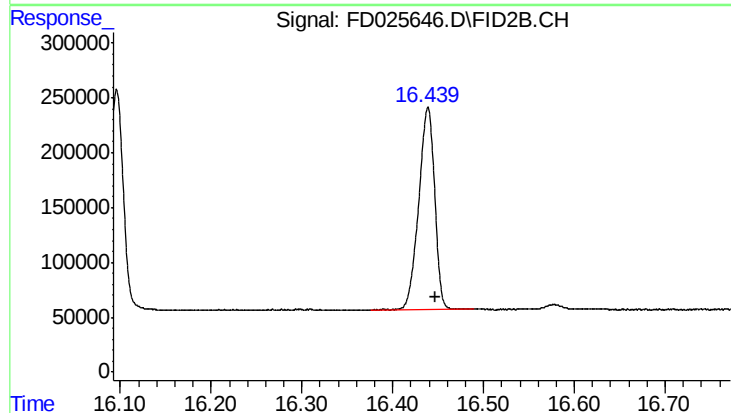
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.063 min
Delta R.T.: -0.009 min
Response: 2245227
Conc: 23.50 ug/ml



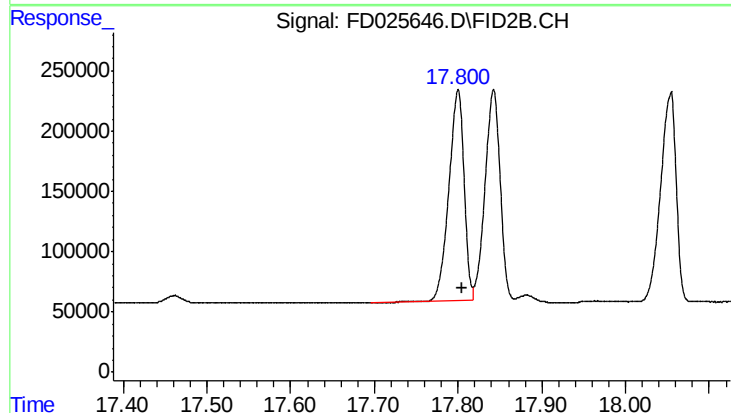
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.096 min
Delta R.T.: -0.007 min
Response: 2298006
Conc: 23.73 ug/ml



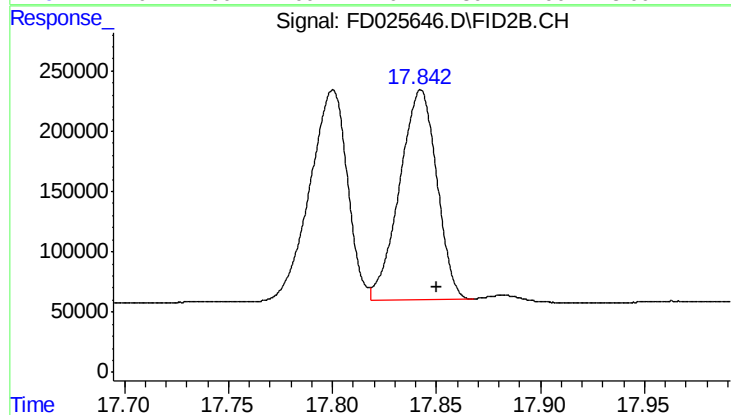
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min
Delta R.T.: -0.008 min
Response: 2247269
Conc: 23.10 ug/ml



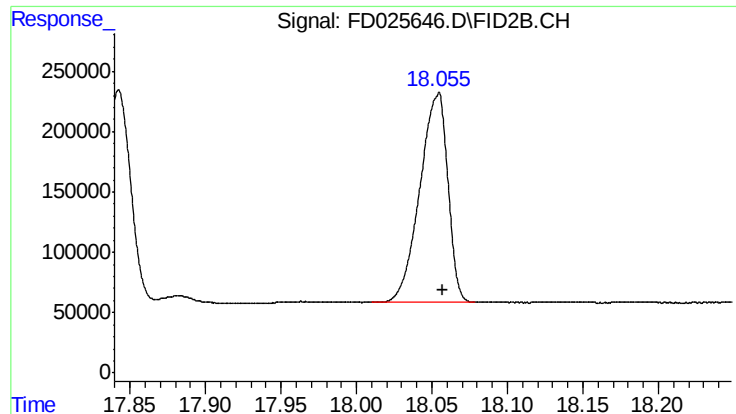
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.800 min
Delta R.T.: -0.005 min
Response: 2194098
Conc: 21.40 ug/ml



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

R.T.: 17.843 min
Delta R.T.: -0.008 min
Response: 2162513
Conc: 21.47 ug/ml



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

R.T.: 18.055 min
Delta R.T.: -0.003 min
Response: 2241711
Conc: 21.67 ug/ml m