

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032222AR\
 Data File : FD041657.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2022 16:53
 Operator : UA/NP
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 17:32:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 16:42:32 2022
 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...	7.353	836824	5.275 ug/ml
Spiked Amount 50.000		Recovery =	10.55%
6) S 2-Fluorobiphenyl (SURR)	8.207	440712	4.343 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.69%
11) S ortho-Terphenyl (SURR)	11.230	1083026	5.735 ug/ml
Spiked Amount 50.000		Recovery =	11.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	948649	5.531 ug/ml
2) T Naphthalene (C11.7)	5.696	877890	4.970 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	820348	5.160 ug/ml
5) T Acenaphthylene (C15.06)	8.003	993746	5.471 ug/ml
7) T Acenaphthene (C15.5)	8.295	1080876	5.814 ug/ml
8) T Fluorene (C16.55)	9.077	910644	5.204 ug/ml
9) T Phenanthrene (C19.36)	10.464	889444	5.125 ug/ml
10) T Anthracene (C19.43)	10.540	982976	5.511 ug/ml
12) T Fluoranthene (C21.85)	12.266	946781	5.462 ug/ml
13) T Pyrene (C20.8)	12.559	871173	5.192 ug/ml
14) T Benzo[a]anthracene (C...	14.431	685793	4.493 ug/ml
15) T Chrysene (C27.41)	14.470	1082263	6.333 ug/ml
16) T benzo[b]fluoranthene ...	15.975	719695	4.818 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	1012998	6.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	710527	5.065 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	491157	4.342 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	813509	5.799 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	693516	5.285 ug/ml

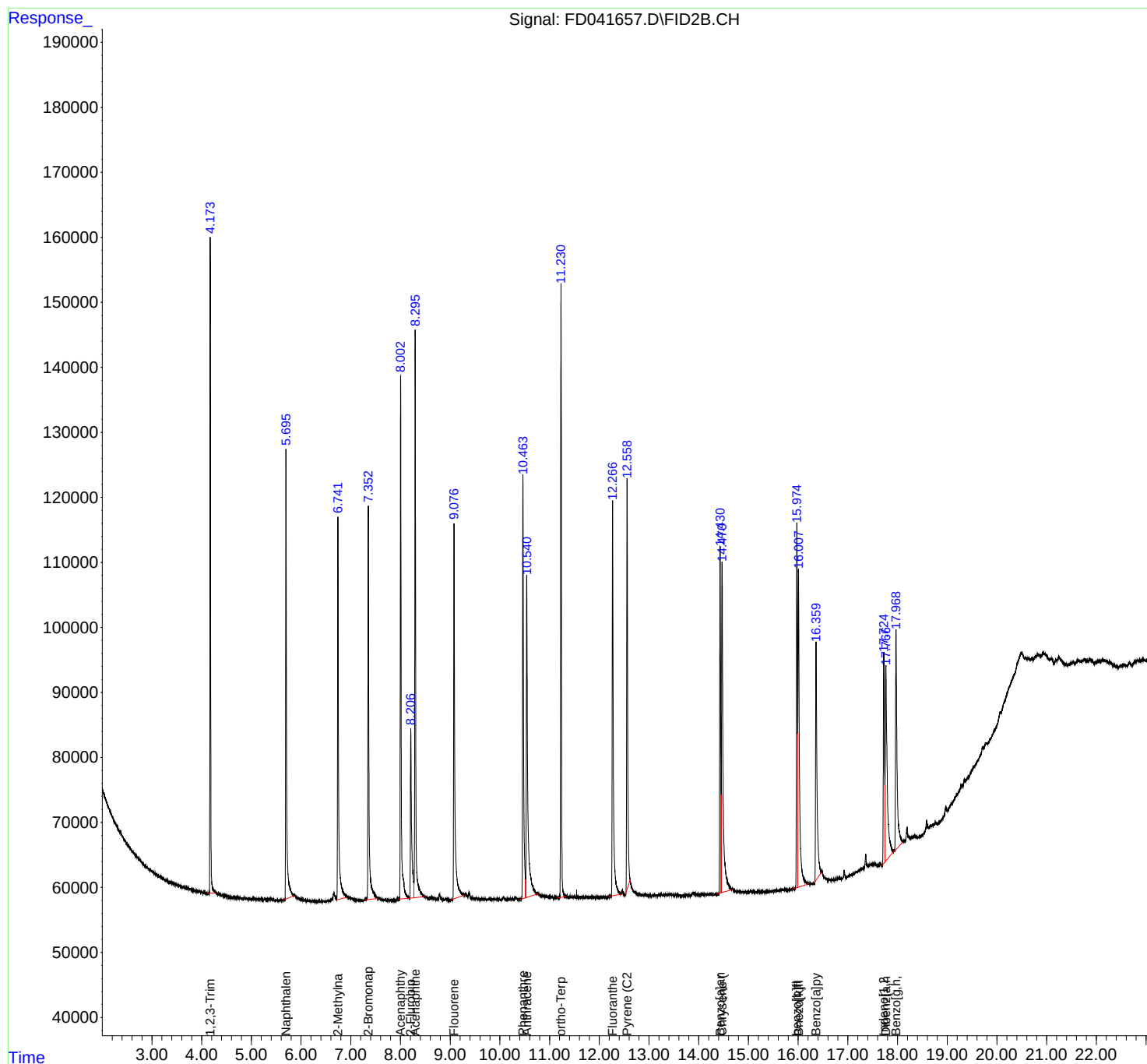
(f)=RT Delta > 1/2 Window

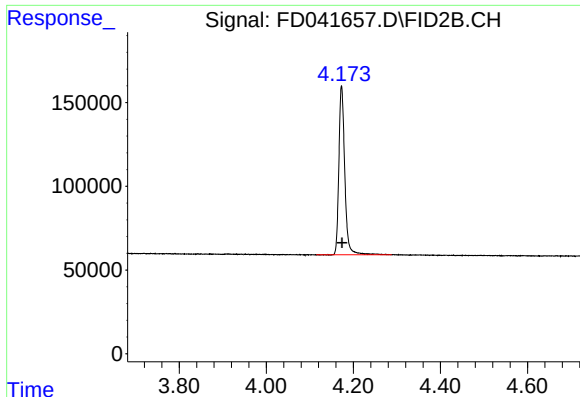
(m)=manual int.

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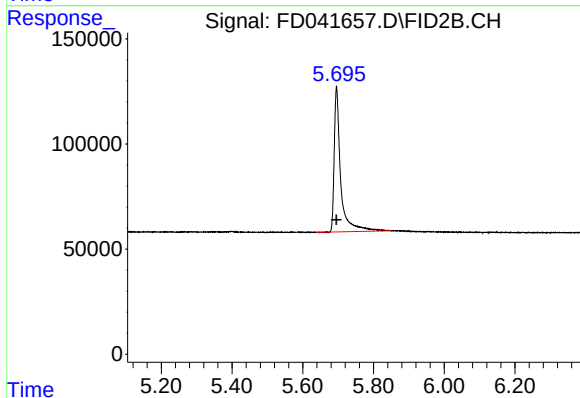
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Signal Info : 20M x 0.18mm x 0.18µm





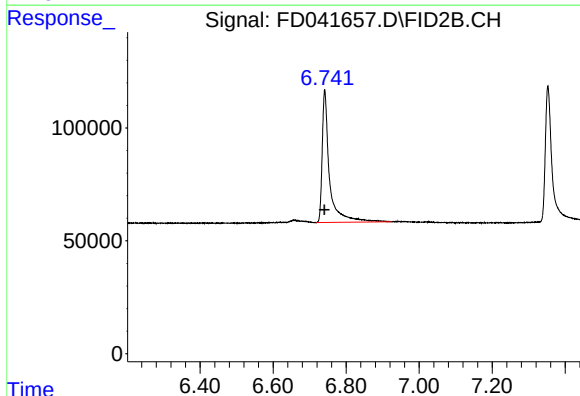
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 948649
Conc: 5.53 ug/ml



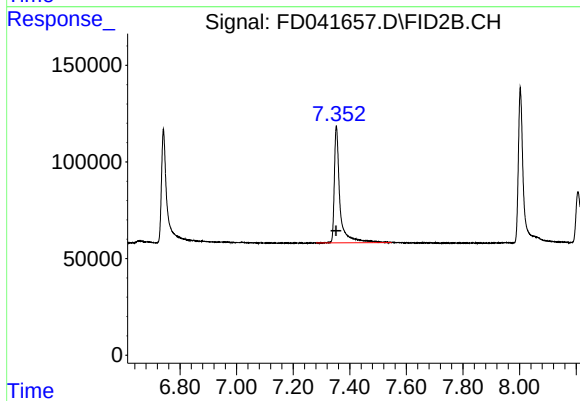
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 877890
Conc: 4.97 ug/ml



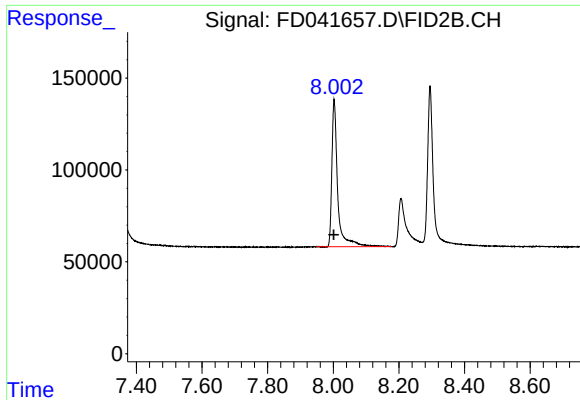
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 820348
Conc: 5.16 ug/ml



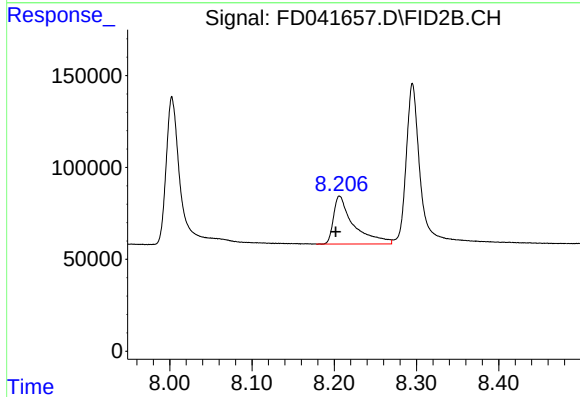
#4 2-Bromonaphthalene (SURR)

R.T.: 7.353 min
Delta R.T.: 0.001 min
Response: 836824
Conc: 5.27 ug/ml



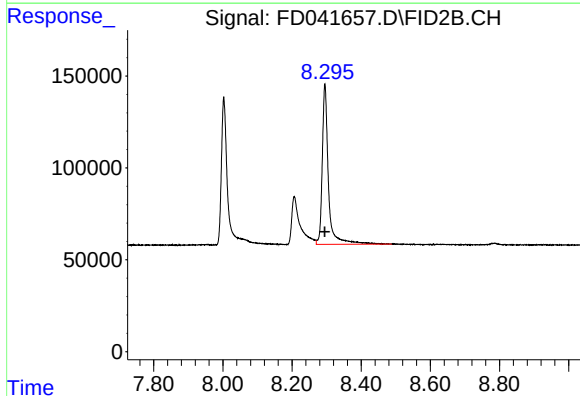
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: 0.001 min
Response: 993746
Conc: 5.47 ug/ml



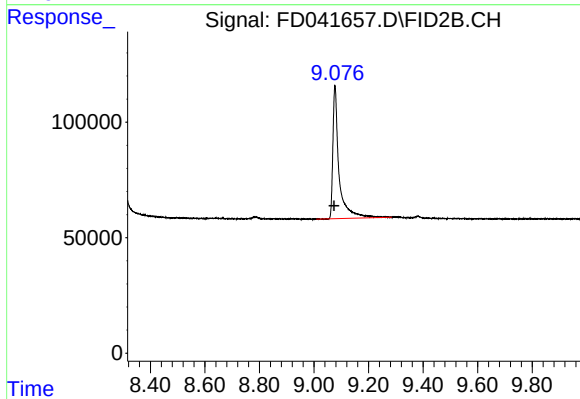
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: 0.005 min
Response: 440712
Conc: 4.34 ug/ml



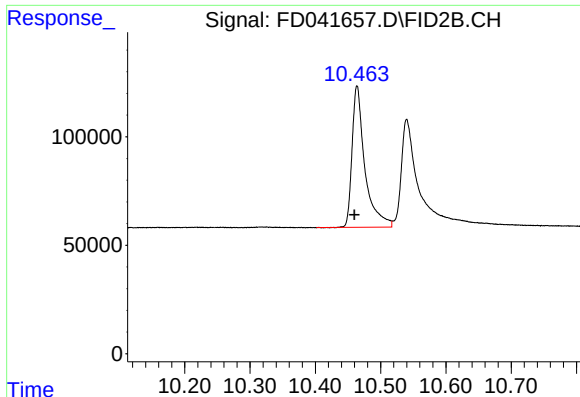
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 1080876
Conc: 5.81 ug/ml



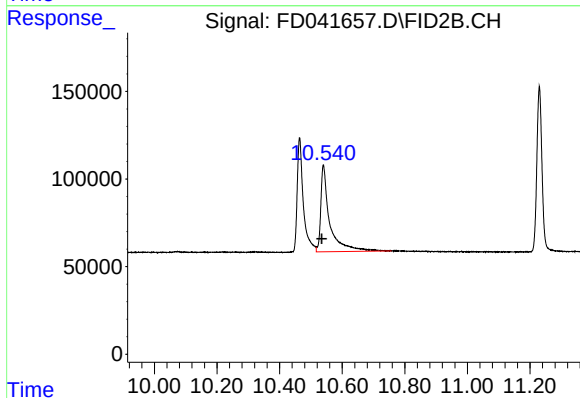
#8 Flouorene (C16.55)

R.T.: 9.077 min
Delta R.T.: 0.004 min
Response: 910644
Conc: 5.20 ug/ml



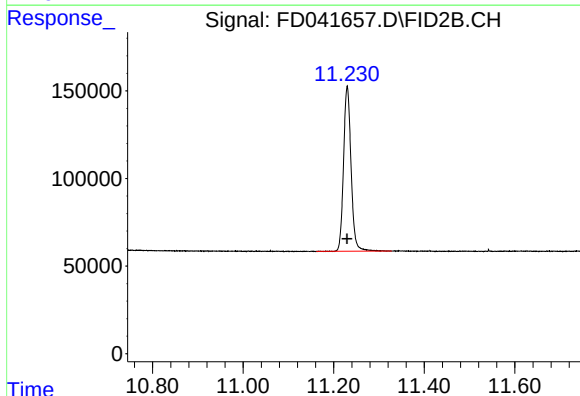
#9 Phenanthrene (C19.36)

R.T.: 10.464 min
Delta R.T.: 0.004 min
Response: 889444
Conc: 5.12 ug/ml



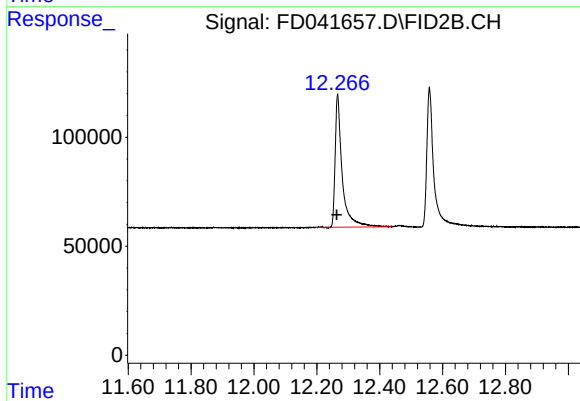
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: 0.005 min
Response: 982976
Conc: 5.51 ug/ml



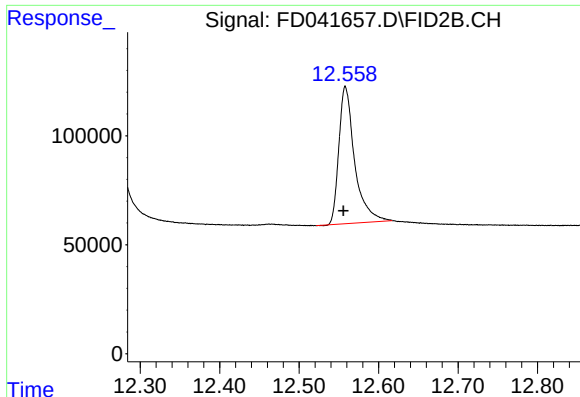
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1083026
Conc: 5.74 ug/ml



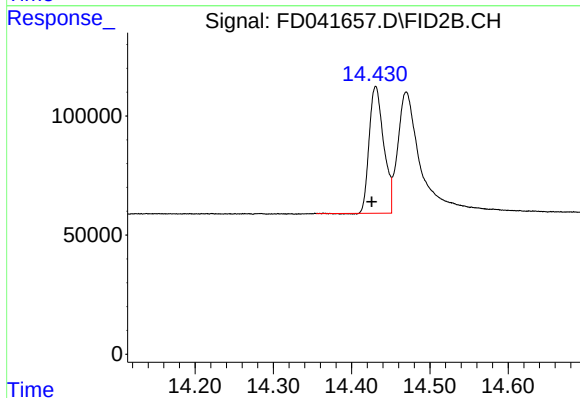
#12 Fluoranthene (C21.85)

R.T.: 12.266 min
Delta R.T.: 0.004 min
Response: 946781
Conc: 5.46 ug/ml



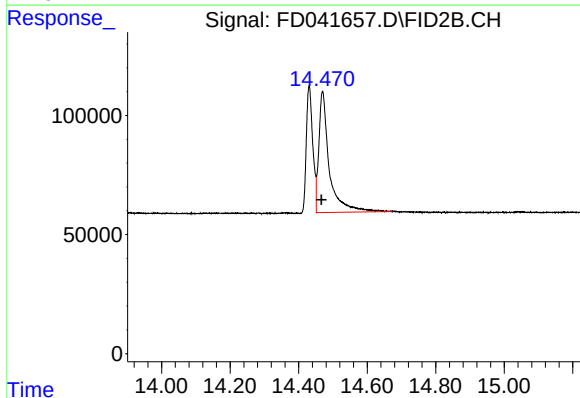
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: 0.003 min
Response: 871173
Conc: 5.19 ug/ml



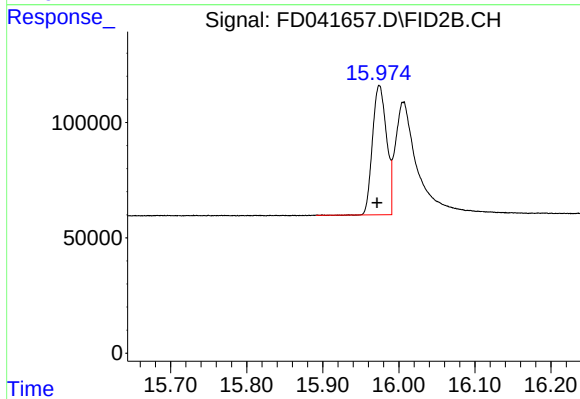
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.005 min
Response: 685793
Conc: 4.49 ug/ml



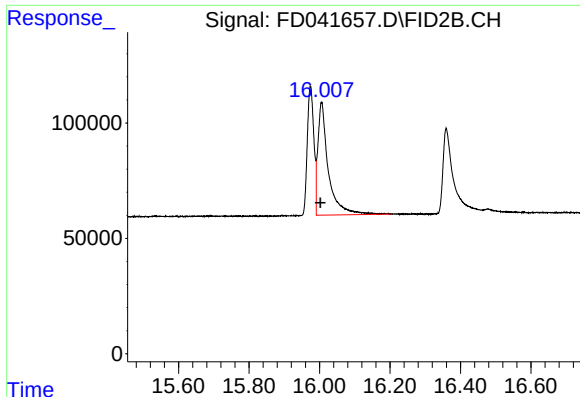
#15 Chrysene (C27.41)

R.T.: 14.470 min
Delta R.T.: 0.004 min
Response: 1082263
Conc: 6.33 ug/ml



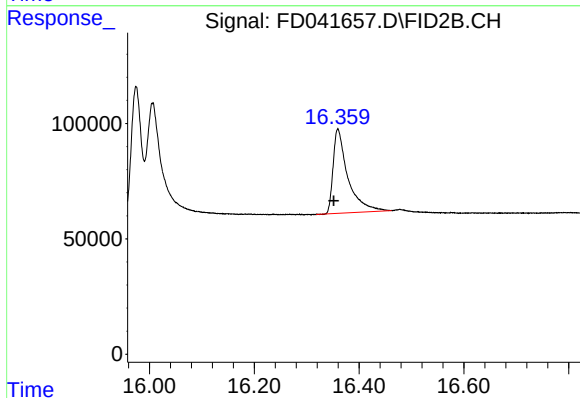
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.975 min
Delta R.T.: 0.003 min
Response: 719695
Conc: 4.82 ug/ml



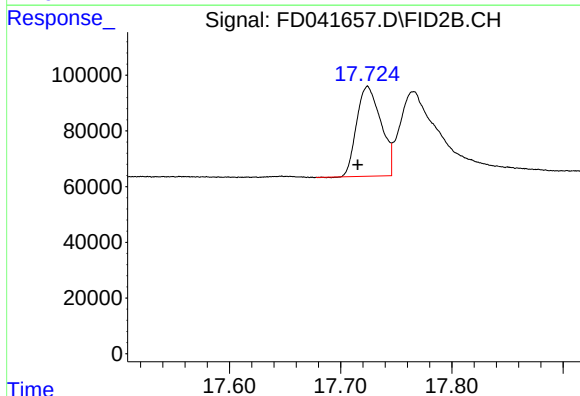
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: 0.004 min
Response: 1012998
Conc: 6.50 ug/ml



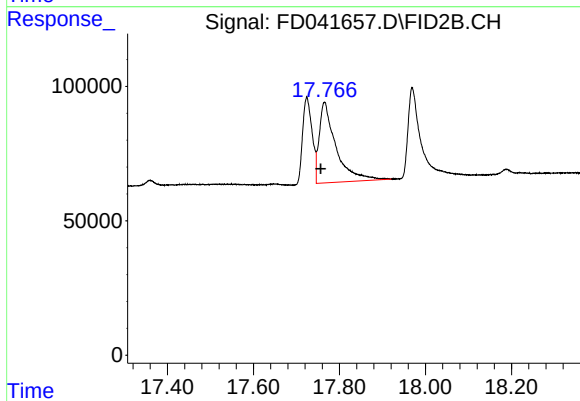
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: 0.008 min
Response: 710527
Conc: 5.06 ug/ml



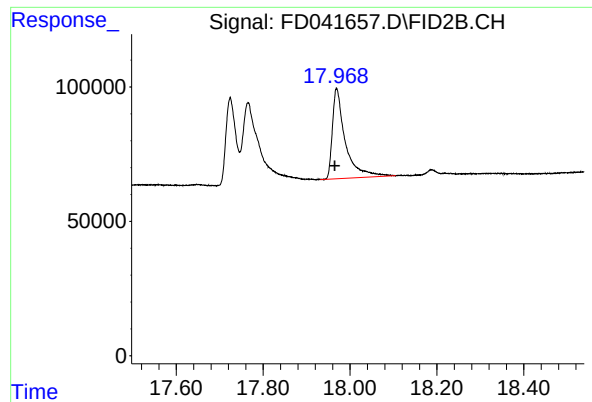
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min
Delta R.T.: 0.009 min
Response: 491157
Conc: 4.34 ug/ml



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

R.T.: 17.765 min
Delta R.T.: 0.009 min
Response: 813509
Conc: 5.80 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.005 min
Response: 693516
Conc: 5.29 ug/ml