

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041519AR\
 Data File : FD028867.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2019 12:14
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : LOD 2.5 PPM
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 03:59:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.099	3621242	38.169 ug/ml
Spiked Amount 50.000		Recovery =	76.34%
6) S 2-Fluorobiphenyl (SURR)	7.966	2537542	38.924 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.85%
11) S ortho-Terphenyl (SURR)	11.005	3831946	34.440 ug/ml
Spiked Amount 50.000		Recovery =	68.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.920	136202	1.392 ug/ml
2) T Naphthalene (C11.7)	5.442	162173	1.522 ug/ml
3) T 2-Methylnaphthalene (...)	6.490	167240	1.563 ug/ml
5) T Acenaphthylene (C15.06)	7.768	166612	1.609 ug/ml
7) T Acenaphthene (C15.5)	8.062	174762	1.611 ug/ml
8) T Flouorene (C16.55)	8.842	213120	1.960 ug/ml
9) T Phenanthrene (C19.36)	10.239	191744	1.771 ug/ml
10) T Anthracene (C19.43)	10.312	198384	1.847 ug/ml
12) T Fluoranthene (C21.85)	12.047	210360	1.946 ug/ml
13) T Pyrene (C20.8)	12.346	225119	2.090 ug/ml
14) T Benzo[a]anthracene (C...	14.253	251531	2.399 ug/ml
15) T Chrysene (C27.41)	14.253	251531	2.402 ug/ml
16) T benzo[b]fluoranthene ...	15.787	217328	2.005 ug/ml
17) T Bnezo[k]fluoranthene ...	15.787f	217328	2.025 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.136	205096	1.896 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.534	270079	2.444 ug/ml
20) T Dibenz[a,h]anthracene...	17.534	270079	2.512 ug/ml
21) T Benzo[g,h,i]perylene ...	17.749	215892	1.992 ug/ml

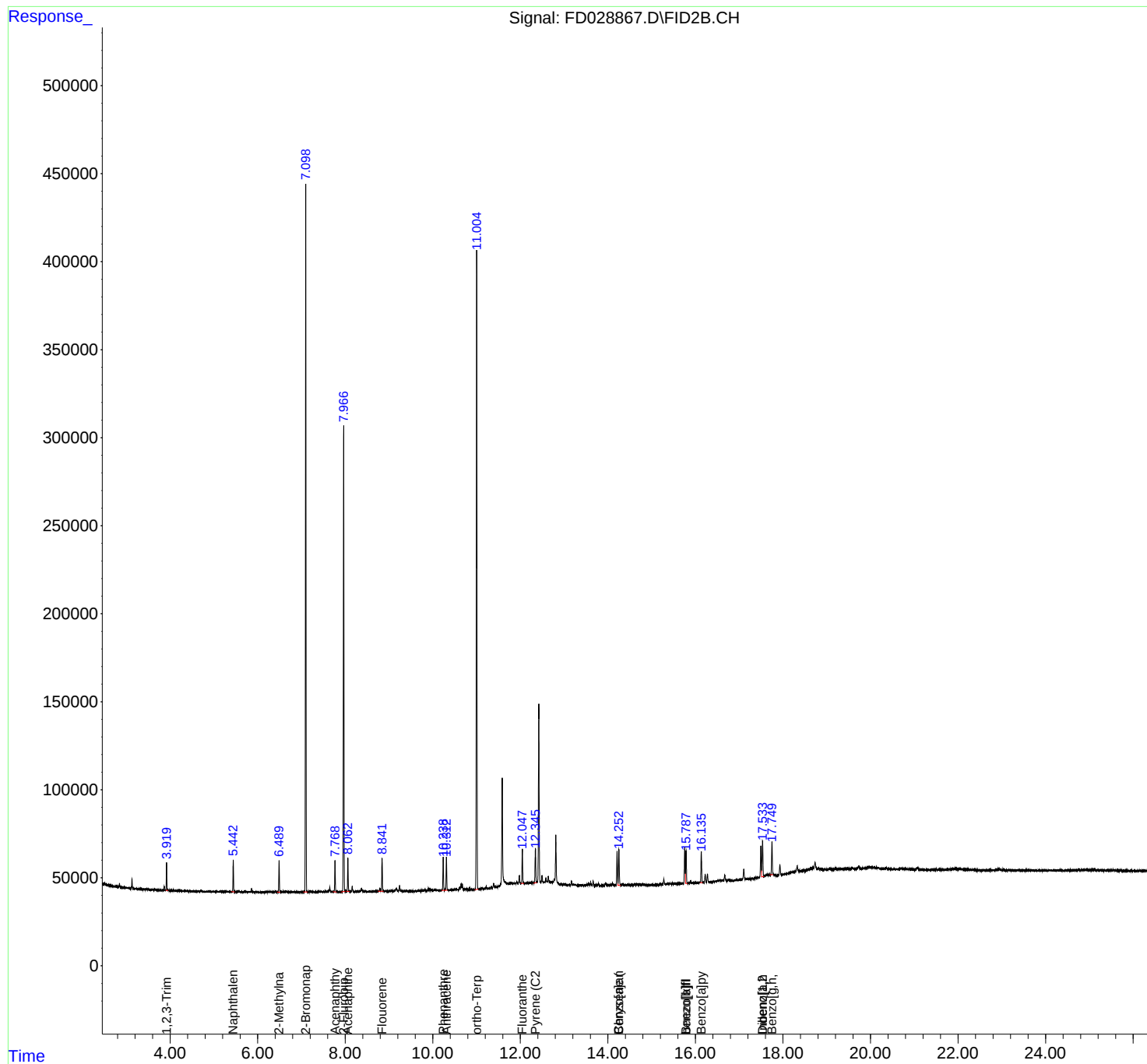
(f)=RT Delta > 1/2 Window

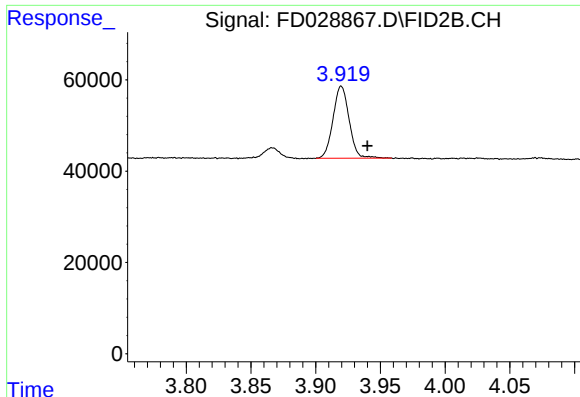
(m)=manual int.

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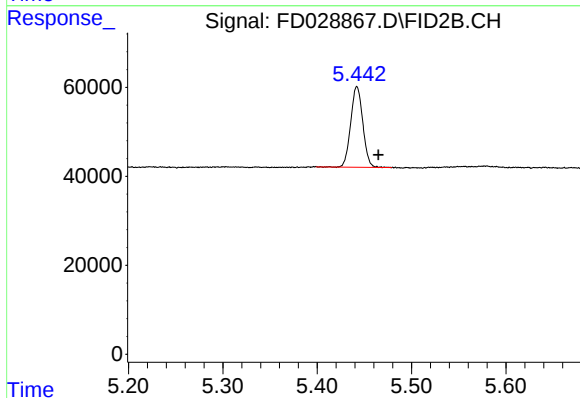
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





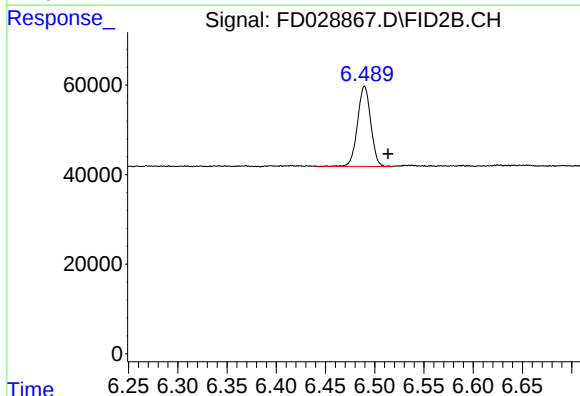
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.920 min
Delta R.T.: -0.020 min
Response: 136202
Conc: 1.39 ug/ml



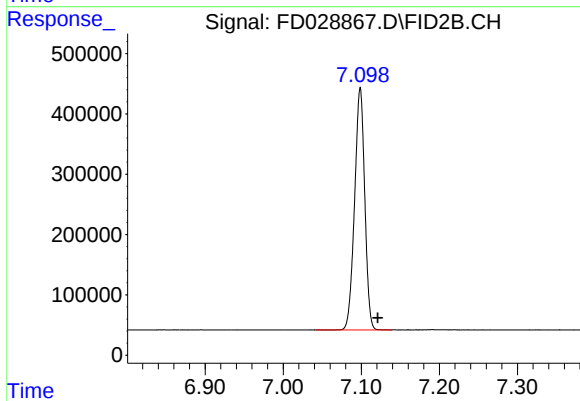
#2 Naphthalene (C11.7)

R.T.: 5.442 min
Delta R.T.: -0.023 min
Response: 162173
Conc: 1.52 ug/ml



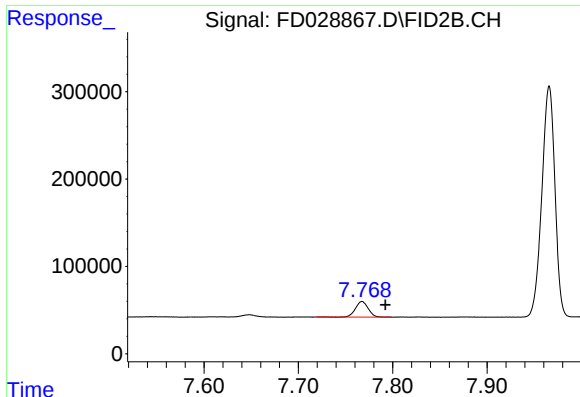
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.490 min
Delta R.T.: -0.024 min
Response: 167240
Conc: 1.56 ug/ml



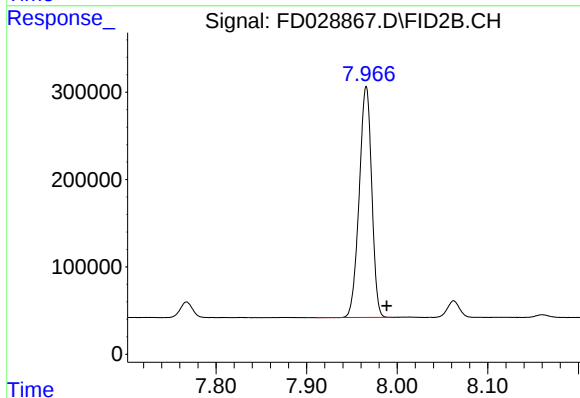
#4 2-Bromonaphthalene (SURR)

R.T.: 7.099 min
Delta R.T.: -0.022 min
Response: 3621242
Conc: 38.17 ug/ml



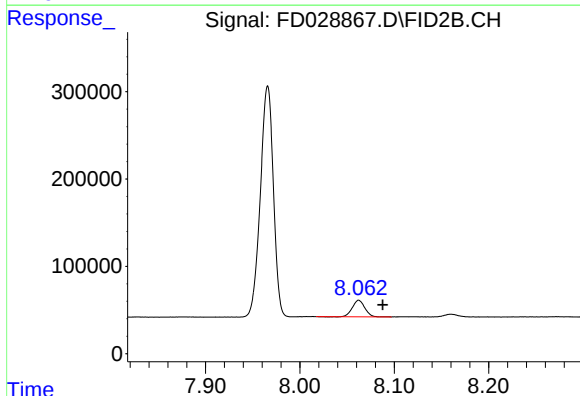
#5 Acenaphthylene (C15.06)

R.T.: 7.768 min
Delta R.T.: -0.025 min
Response: 166612
Conc: 1.61 ug/ml



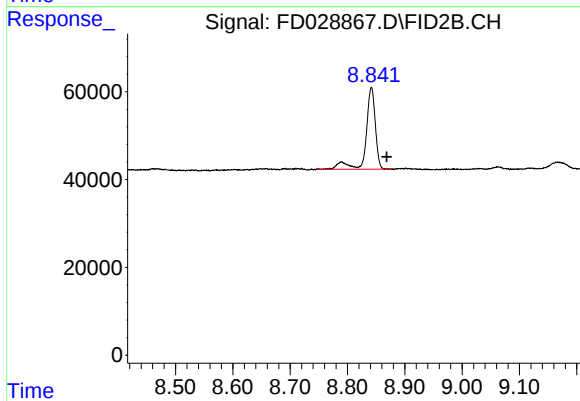
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.966 min
Delta R.T.: -0.023 min
Response: 2537542
Conc: 38.92 ug/ml



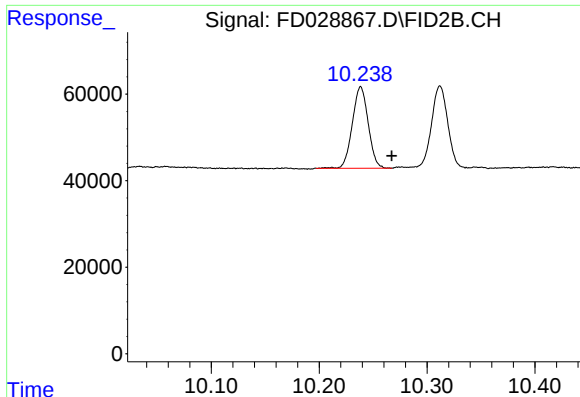
#7 Acenaphthene (C15.5)

R.T.: 8.062 min
Delta R.T.: -0.025 min
Response: 174762
Conc: 1.61 ug/ml



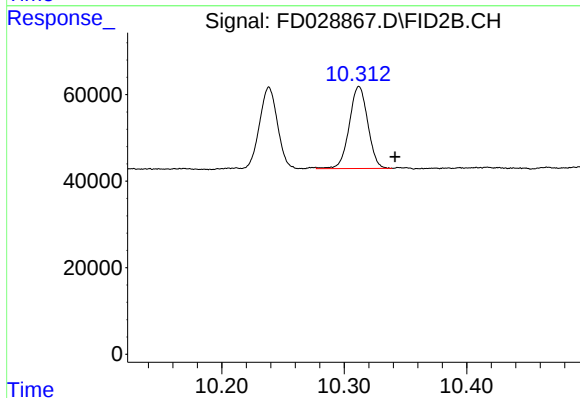
#8 Flouorene (C16.55)

R.T.: 8.842 min
Delta R.T.: -0.027 min
Response: 213120
Conc: 1.96 ug/ml



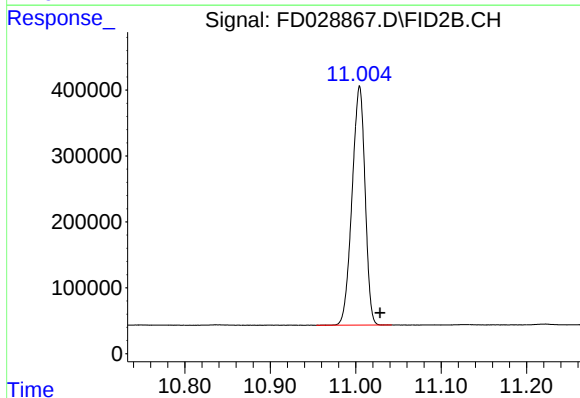
#9 Phenanthrene (C19.36)

R.T.: 10.239 min
Delta R.T.: -0.029 min
Response: 191744
Conc: 1.77 ug/ml



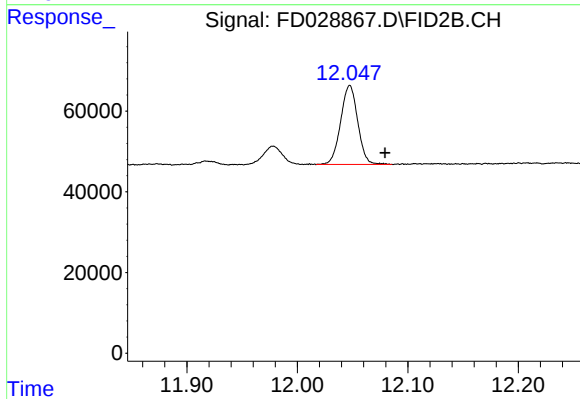
#10 Anthracene (C19.43)

R.T.: 10.312 min
Delta R.T.: -0.029 min
Response: 198384
Conc: 1.85 ug/ml



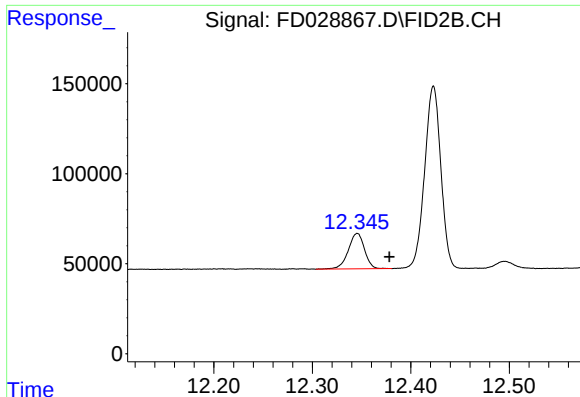
#11 ortho-Terphenyl (SURR)

R.T.: 11.005 min
Delta R.T.: -0.024 min
Response: 3831946
Conc: 34.44 ug/ml



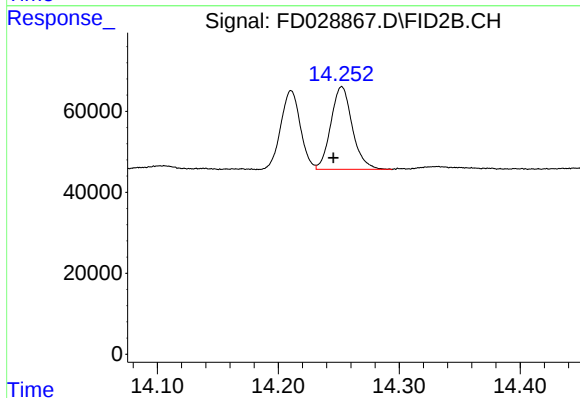
#12 Fluoranthene (C21.85)

R.T.: 12.047 min
Delta R.T.: -0.032 min
Response: 210360
Conc: 1.95 ug/ml



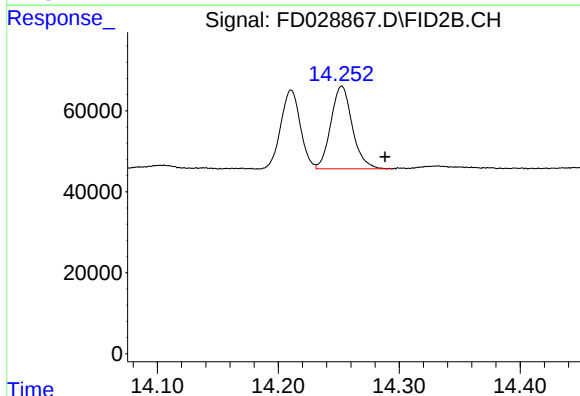
#13 Pyrene (C20.8)

R.T.: 12.346 min
Delta R.T.: -0.033 min
Response: 225119
Conc: 2.09 ug/ml



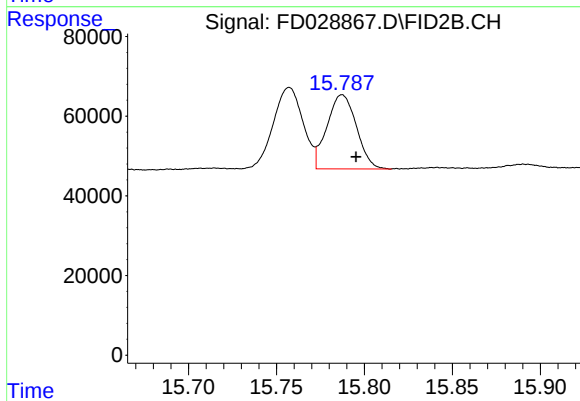
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.253 min
Delta R.T.: 0.007 min
Response: 251531
Conc: 2.40 ug/ml



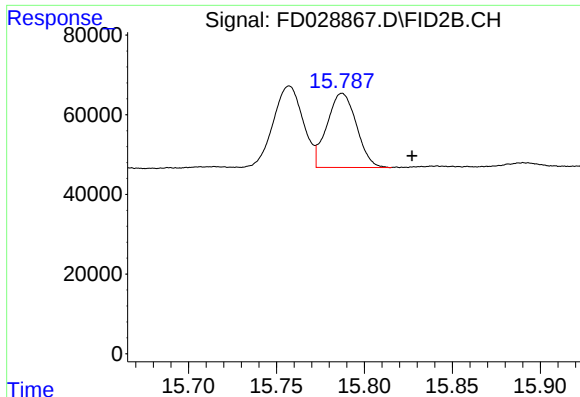
#15 Chrysene (C27.41)

R.T.: 14.253 min
Delta R.T.: -0.036 min
Response: 251531
Conc: 2.40 ug/ml



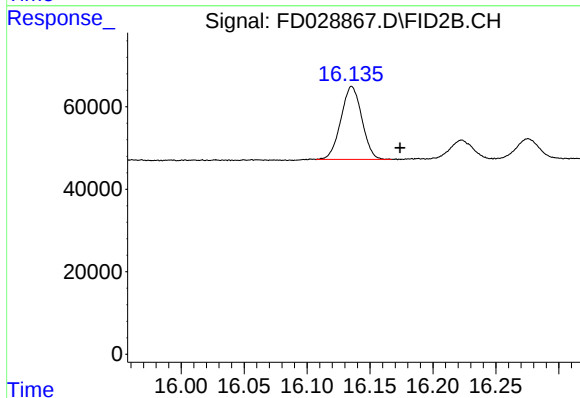
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.787 min
Delta R.T.: -0.008 min
Response: 217328
Conc: 2.01 ug/ml



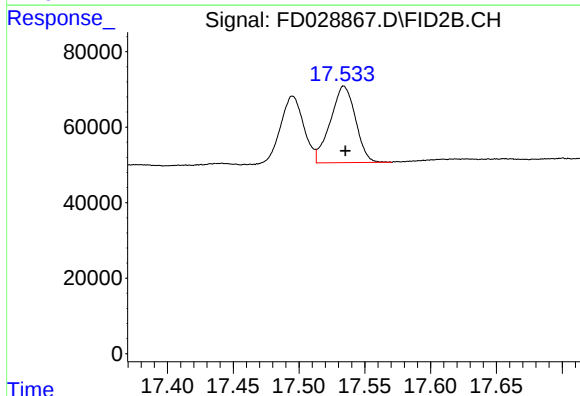
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.787 min
Delta R.T.: -0.040 min
Response: 217328
Conc: 2.03 ug/ml



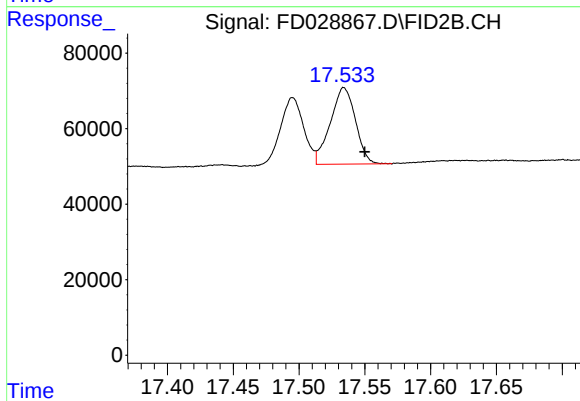
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.136 min
Delta R.T.: -0.038 min
Response: 205096
Conc: 1.90 ug/ml



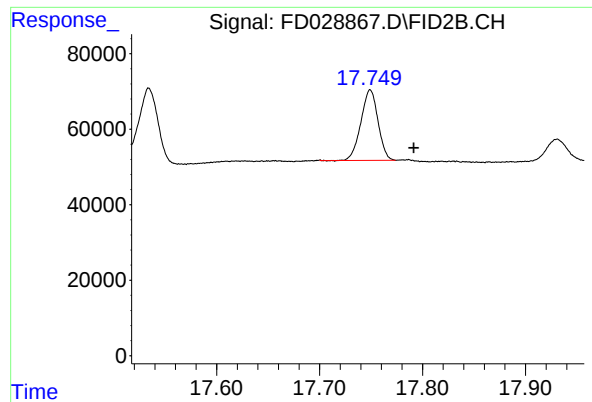
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.534 min
Delta R.T.: -0.001 min
Response: 270079
Conc: 2.44 ug/ml



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

R.T.: 17.534 min
Delta R.T.: -0.016 min
Response: 270079
Conc: 2.51 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.042 min
Response: 215892
Conc: 1.99 ug/ml