

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081021AR\
 Data File : FD038467.D
 Signal(s) : FID2B.CH
 Acq On : 10 Aug 2021 16:11
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 01:08:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 2021
 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...	7.470	2502731	19.748 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
6) S 2-Fluorobiphenyl (SURR)	8.329	1696943	19.545 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.09%
11) S ortho-Terphenyl (SURR)	11.364	2746461	19.146 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	2796040	19.937 ug/ml
2) T Naphthalene (C11.7)	5.809	2886288	19.819 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	2843174	19.605 ug/ml
5) T Acenaphthylene (C15.06)	8.130	2775299	19.222 ug/ml
7) T Acenaphthene (C15.5)	8.426	2907381	19.423 ug/ml
8) T Flouorene (C16.55)	9.206	2737484	19.211 ug/ml
9) T Phenanthrene (C19.36)	10.599	2650887	18.781 ug/ml
10) T Anthracene (C19.43)	10.674	2463143	18.018 ug/ml
12) T Fluoranthene (C21.85)	12.409	2533086	18.034 ug/ml
13) T Pyrene (C20.8)	12.704	2491110	17.783 ug/ml
14) T Benzo[a]anthracene (C...	14.578	2147880	16.775 ug/ml
15) T Chrysene (C27.41)	14.619	2309294	16.720 ug/ml
16) T benzo[b]fluoranthene ...	16.130	2064311	16.508 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	2130944	16.164 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	1915255	16.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	1938474	17.594 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	2148190	17.452 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	2026811	17.694 ug/ml

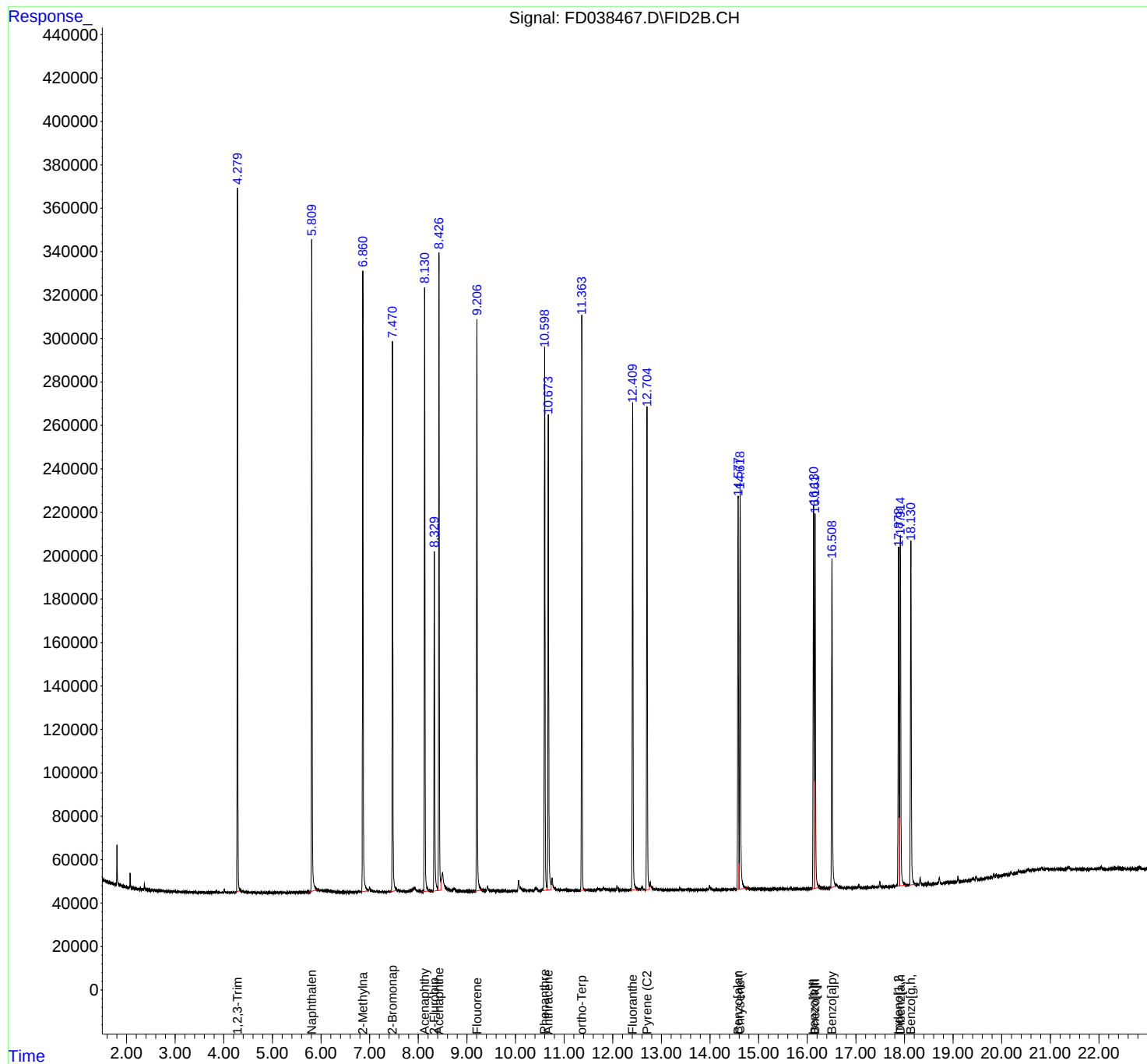
(f)=RT Delta > 1/2 Window

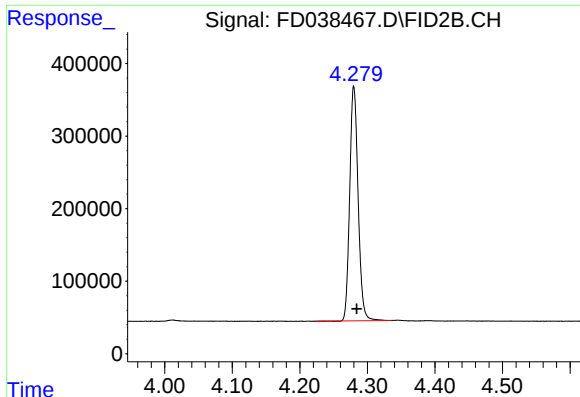
(m)=manual int.

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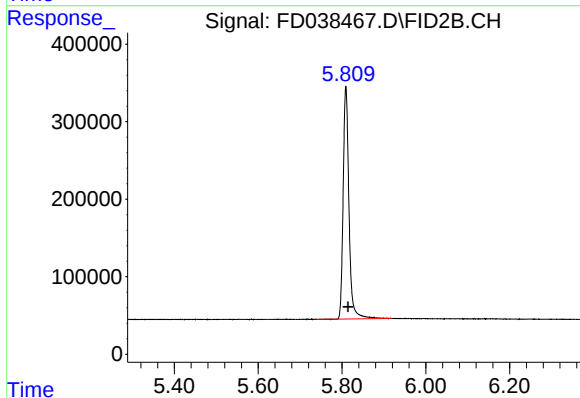
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Signal Info : 20M x 0.18mm x 0.18µm





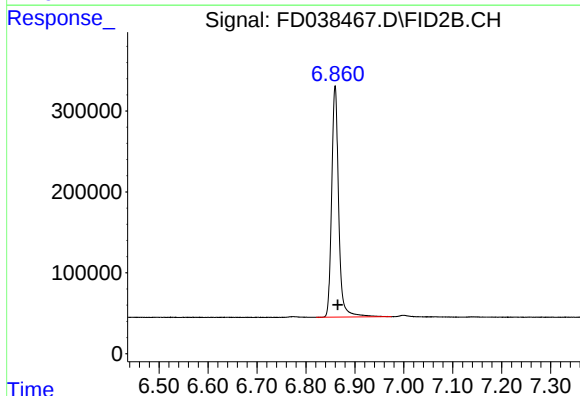
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.280 min
Delta R.T.: -0.004 min
Response: 2796040
Conc: 19.94 ug/ml



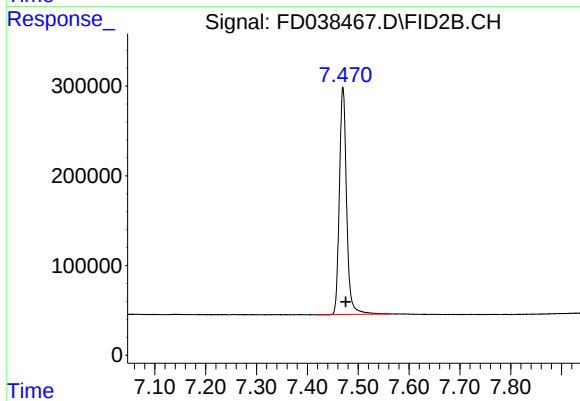
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.005 min
Response: 2886288
Conc: 19.82 ug/ml



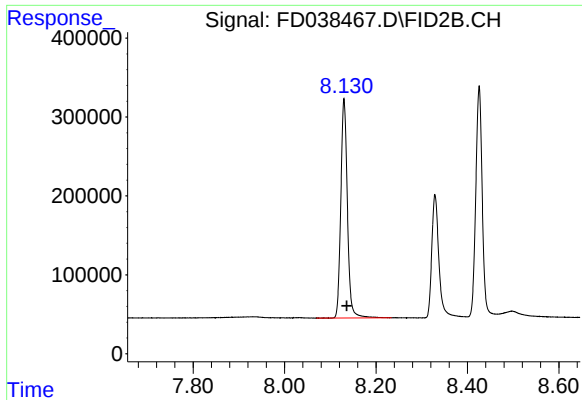
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.005 min
Response: 2843174
Conc: 19.61 ug/ml



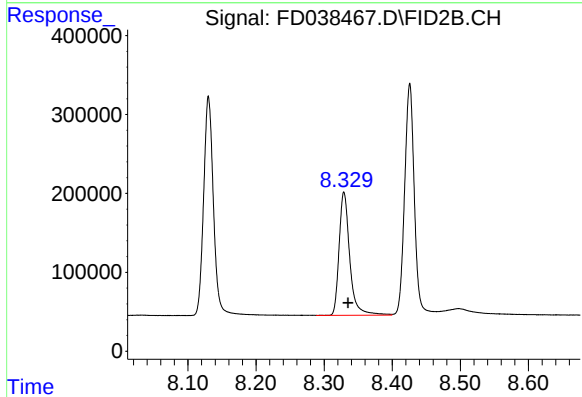
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 2502731
Conc: 19.75 ug/ml



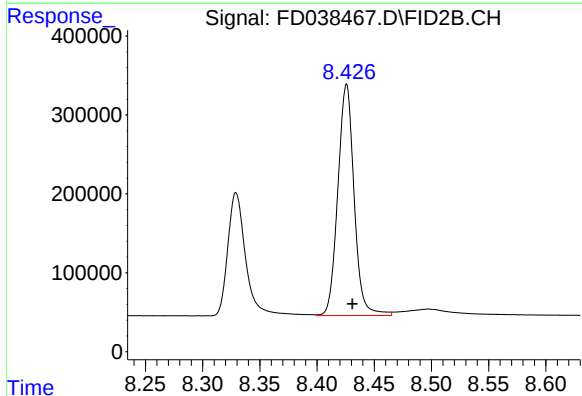
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: -0.006 min
Response: 2775299
Conc: 19.22 ug/ml



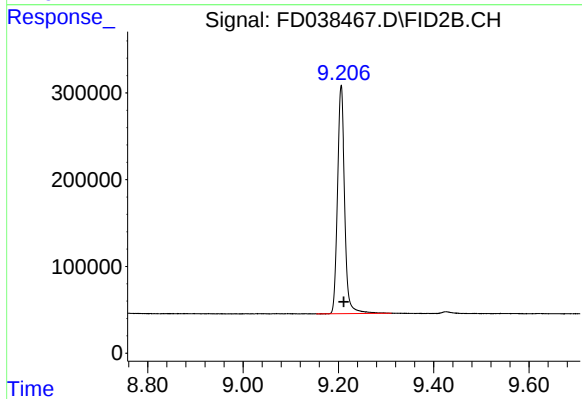
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.006 min
Response: 1696943
Conc: 19.54 ug/ml



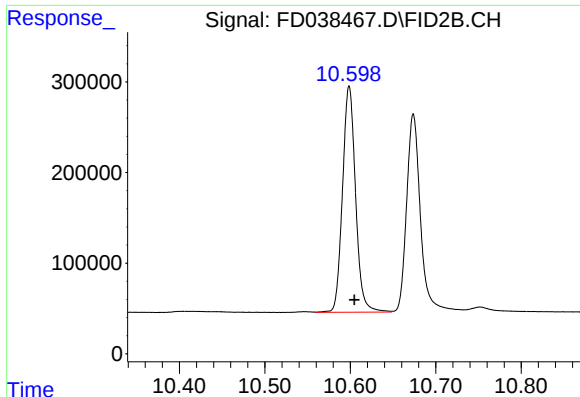
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.005 min
Response: 2907381
Conc: 19.42 ug/ml



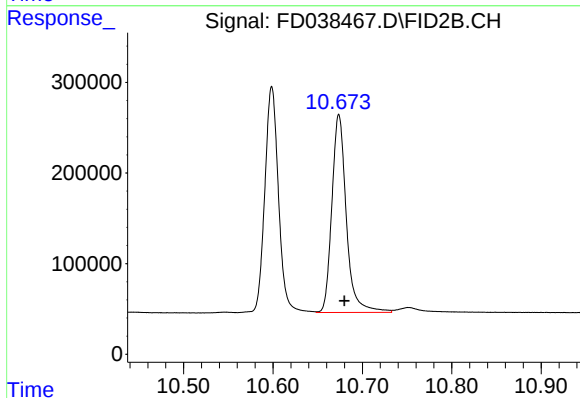
#8 Fluorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.005 min
Response: 2737484
Conc: 19.21 ug/ml



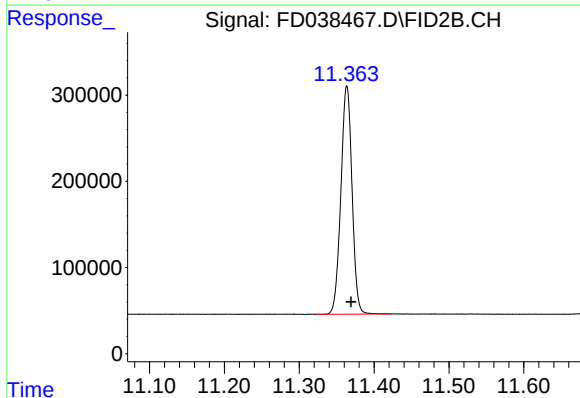
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.006 min
Response: 2650887
Conc: 18.78 ug/ml



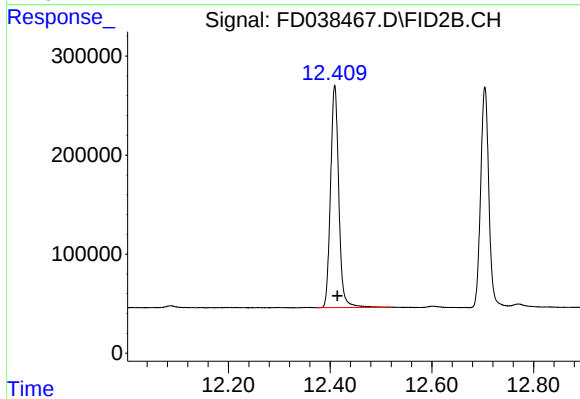
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: -0.006 min
Response: 2463143
Conc: 18.02 ug/ml



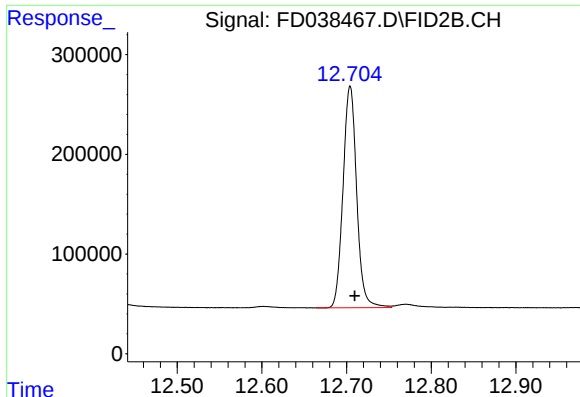
#11 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: -0.005 min
Response: 2746461
Conc: 19.15 ug/ml



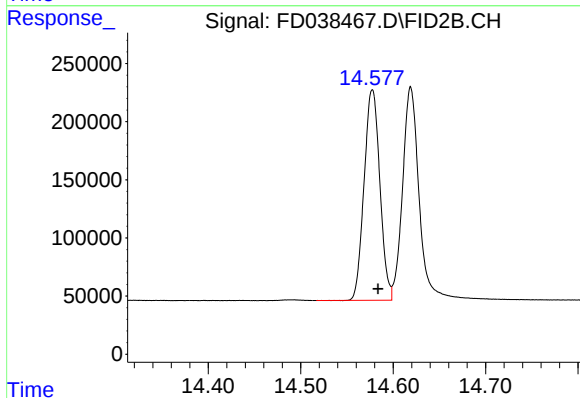
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.005 min
Response: 2533086
Conc: 18.03 ug/ml



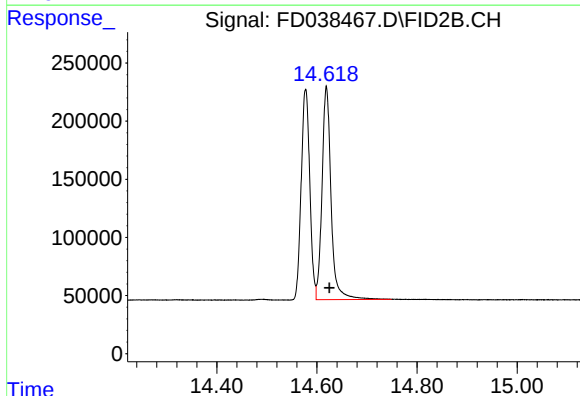
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.006 min
Response: 2491110
Conc: 17.78 ug/ml



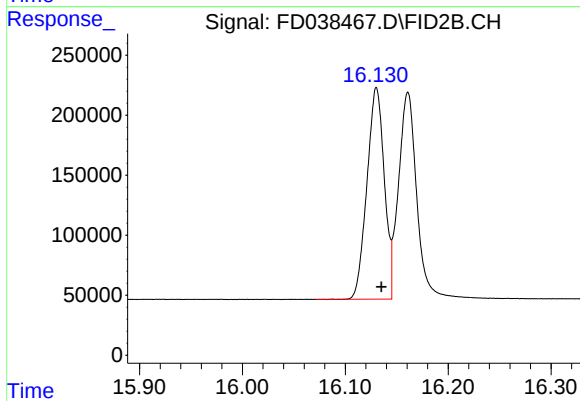
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.006 min
Response: 2147880
Conc: 16.77 ug/ml



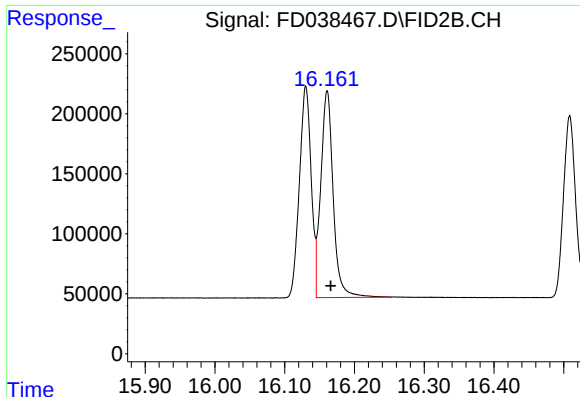
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.006 min
Response: 2309294
Conc: 16.72 ug/ml



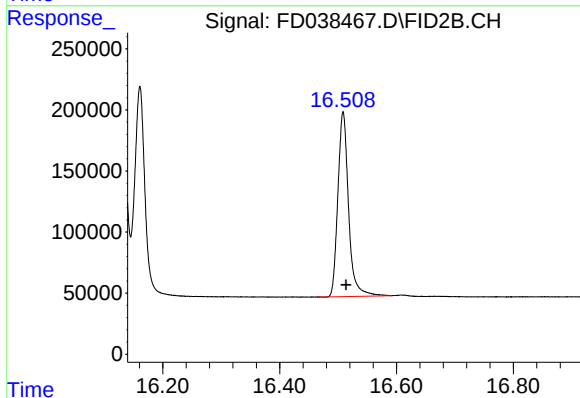
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: -0.005 min
Response: 2064311
Conc: 16.51 ug/ml



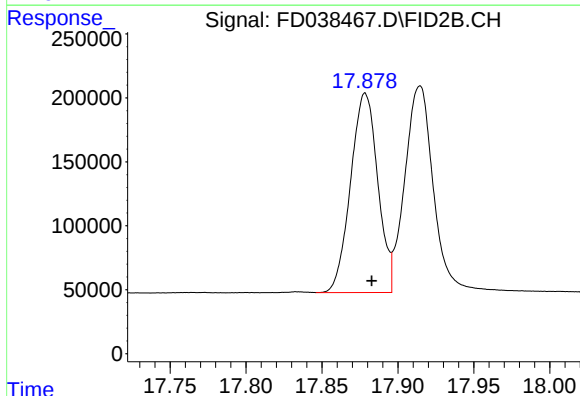
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: -0.005 min
Response: 2130944
Conc: 16.16 ug/ml



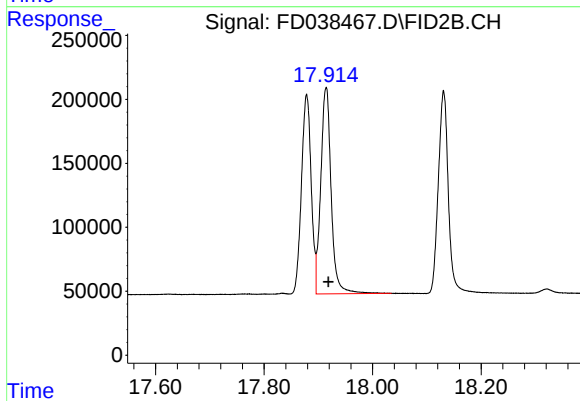
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: -0.005 min
Response: 1915255
Conc: 16.03 ug/ml



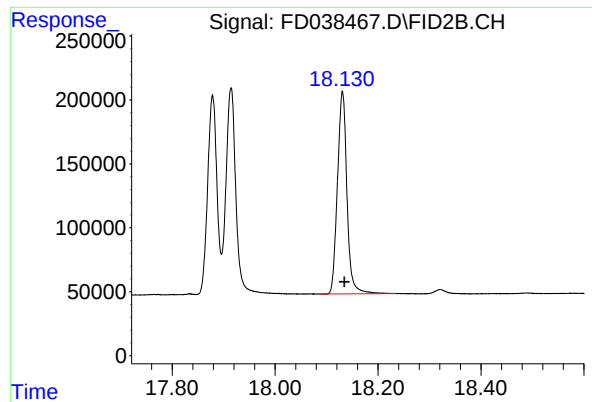
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: -0.004 min
Response: 1938474
Conc: 17.59 ug/ml



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

R.T.: 17.915 min
Delta R.T.: -0.004 min
Response: 2148190
Conc: 17.45 ug/ml



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

R.T.: 18.131 min
Delta R.T.: -0.004 min
Response: 2026811
Conc: 17.69 ug/ml