

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101320AR\
 Data File : FD035003.D
 Signal(s) : FID2B.CH
 Acq On : 13 Oct 2020 11:37
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 01:05:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 2020
 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...	7.672	2335941	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
6) S 2-Fluorobiphenyl (SURR)	8.538	1601002	19.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.00%
11) S ortho-Terphenyl (SURR)	11.577	2594148	18.918 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.466	2662459	20.505 ug/ml
2) T Naphthalene (C11.7)	6.009	2765737	20.207 ug/ml
3) T 2-Methylnaphthalene (...)	7.062	2755364	20.088 ug/ml
5) T Acenaphthylene (C15.06)	8.339	2602387	19.222 ug/ml
7) T Acenaphthene (C15.5)	8.635	2721986	19.717 ug/ml
8) T Flouorene (C16.55)	9.416	2596976	19.319 ug/ml
9) T Phenanthrene (C19.36)	10.814	2501439	18.728 ug/ml
10) T Anthracene (C19.43)	10.888	2338221	17.314 ug/ml
12) T Fluoranthene (C21.85)	12.627	2361520	17.945 ug/ml
13) T Pyrene (C20.8)	12.924	2248355	17.562 ug/ml
14) T Benzo[a]anthracene (C...	14.796	1984199	17.429 ug/ml
15) T Chrysene (C27.41)	14.838	2140866	17.479 ug/ml
16) T benzo[b]fluoranthene ...	16.346	1983711	18.507 ug/ml
17) T Bnezo[k]fluoranthene ...	16.378	2013382	18.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.725	1831115	18.792 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.091	1892213	20.426 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	2105741	20.851 ug/ml
21) T Benzo[g,h,i]perylene ...	18.345	2019992	20.963 ug/ml

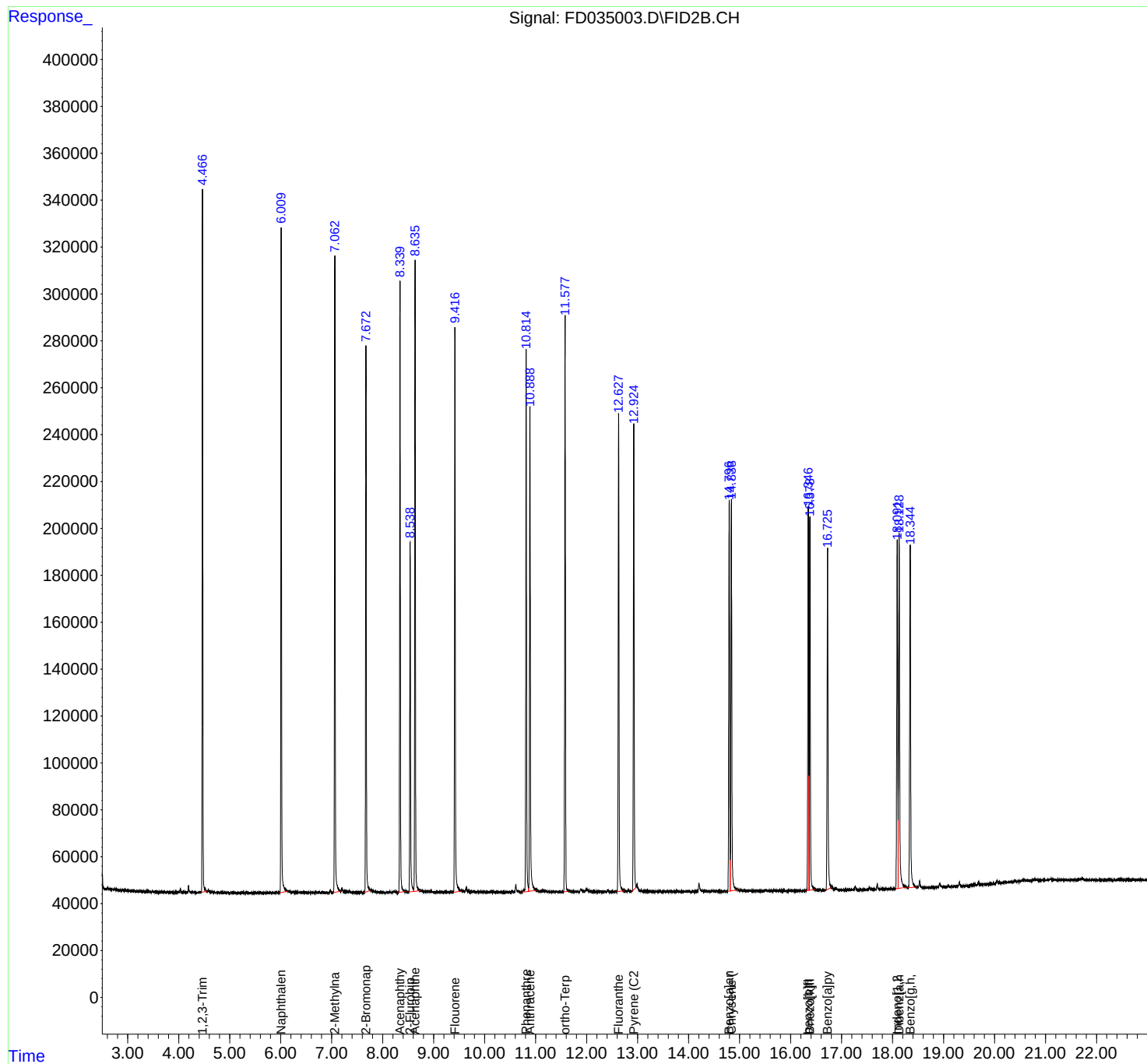
(f)=RT Delta > 1/2 Window

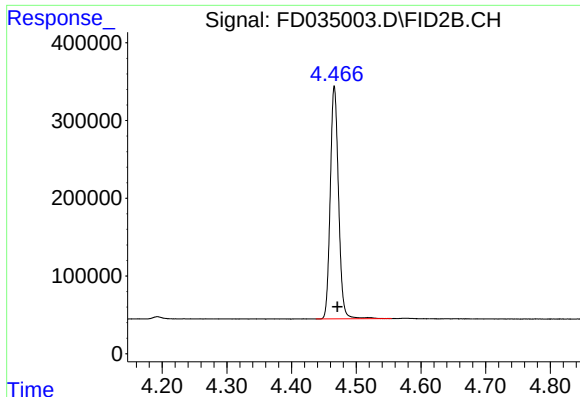
(m)=manual int.

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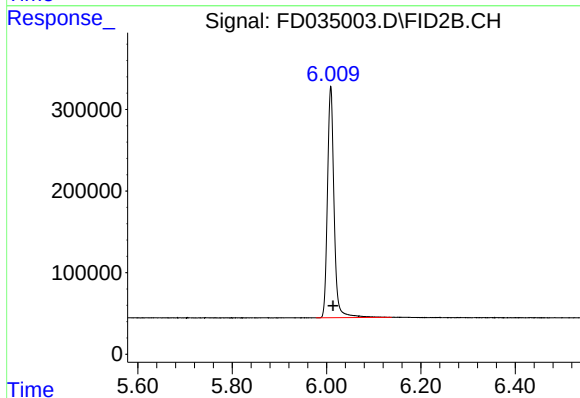
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Signal Info : 20M x 0.18mm x 0.18µm





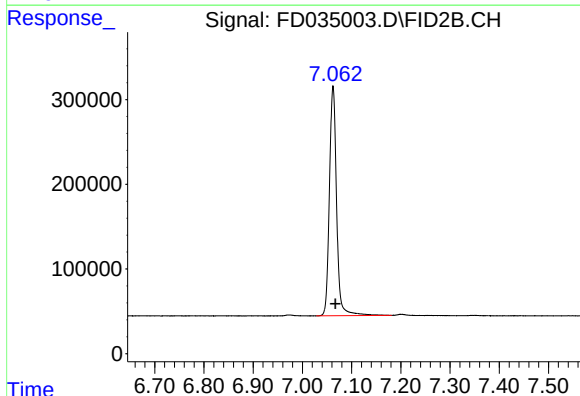
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2662459
Conc: 20.51 ug/ml



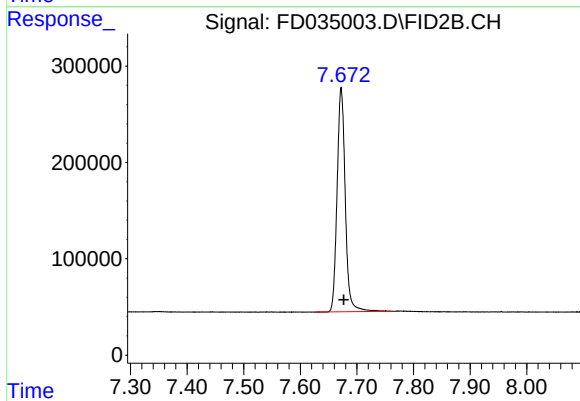
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.005 min
Response: 2765737
Conc: 20.21 ug/ml



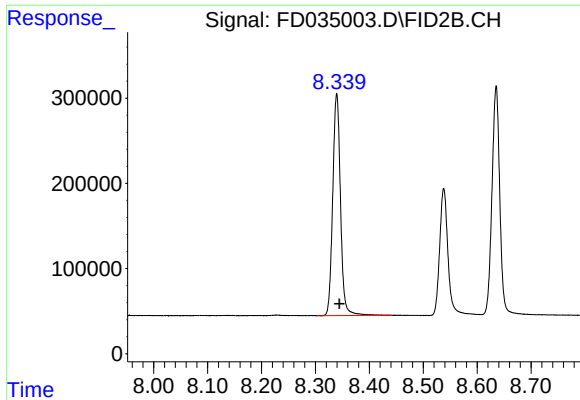
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 2755364
Conc: 20.09 ug/ml



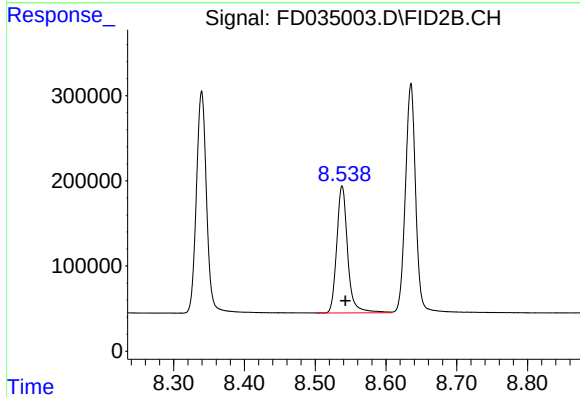
#4 2-Bromonaphthalene (SURR)

R.T.: 7.672 min
Delta R.T.: -0.005 min
Response: 2335941
Conc: 20.04 ug/ml



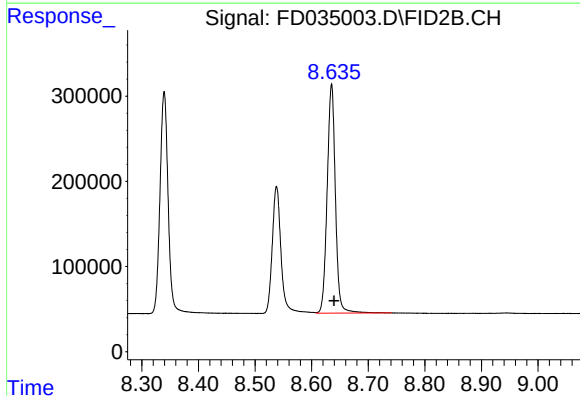
#5 Acenaphthylene (C15.06)

R.T.: 8.339 min
Delta R.T.: -0.005 min
Response: 2602387
Conc: 19.22 ug/ml



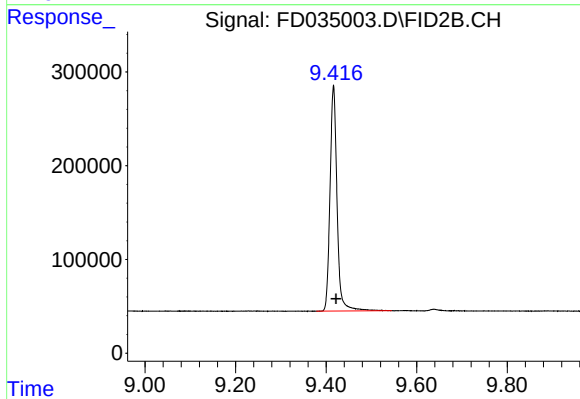
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.004 min
Response: 1601002
Conc: 19.50 ug/ml



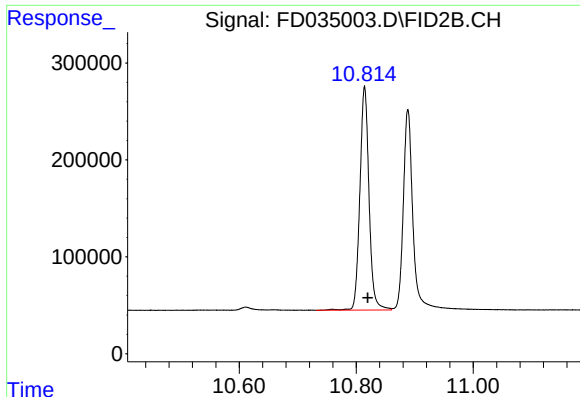
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.005 min
Response: 2721986
Conc: 19.72 ug/ml



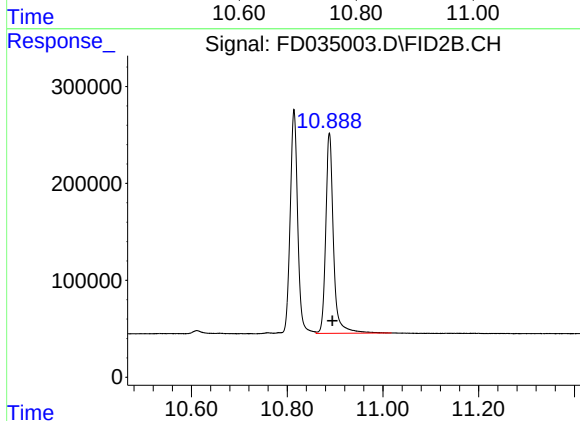
#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: -0.005 min
Response: 2596976
Conc: 19.32 ug/ml



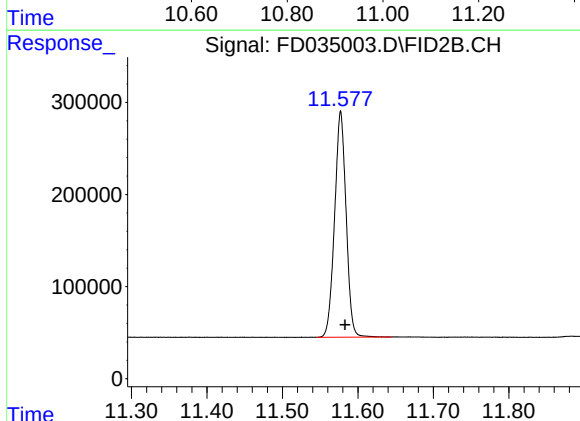
#9 Phenanthrene (C19.36)

R.T.: 10.814 min
Delta R.T.: -0.005 min
Response: 2501439
Conc: 18.73 ug/ml



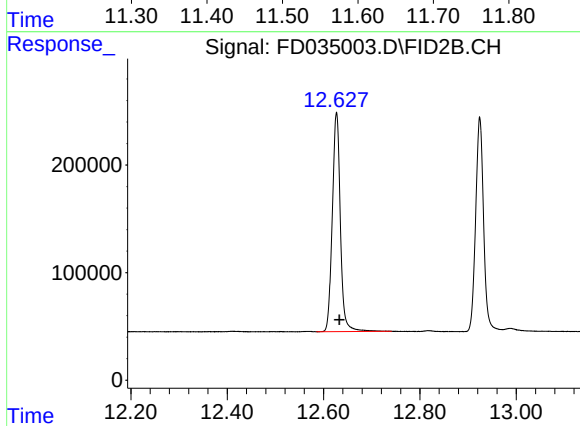
#10 Anthracene (C19.43)

R.T.: 10.888 min
Delta R.T.: -0.006 min
Response: 2338221
Conc: 17.31 ug/ml



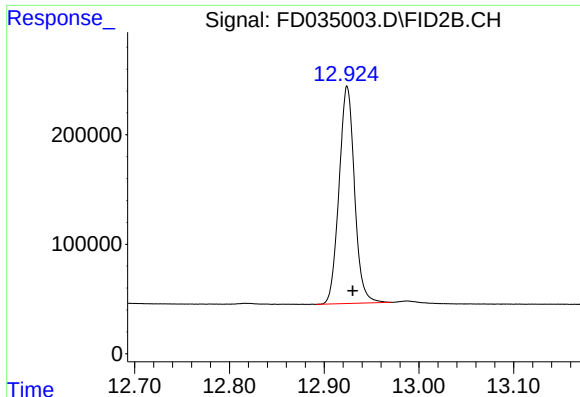
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: -0.006 min
Response: 2594148
Conc: 18.92 ug/ml



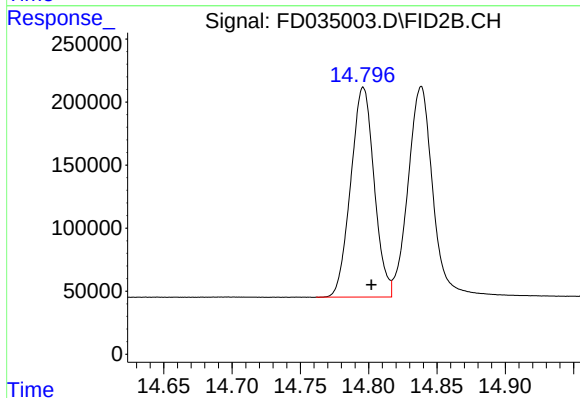
#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: -0.006 min
Response: 2361520
Conc: 17.95 ug/ml



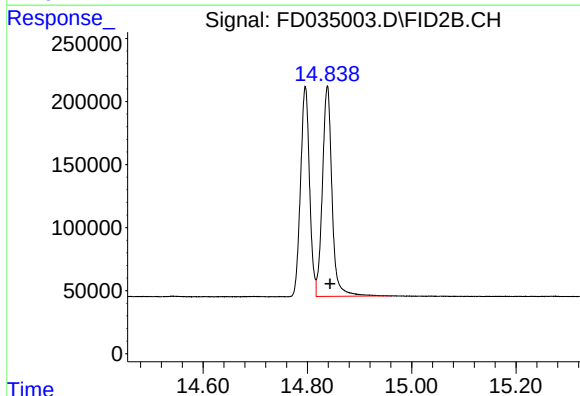
#13 Pyrene (C20.8)

R.T.: 12.924 min
Delta R.T.: -0.006 min
Response: 2248355
Conc: 17.56 ug/ml



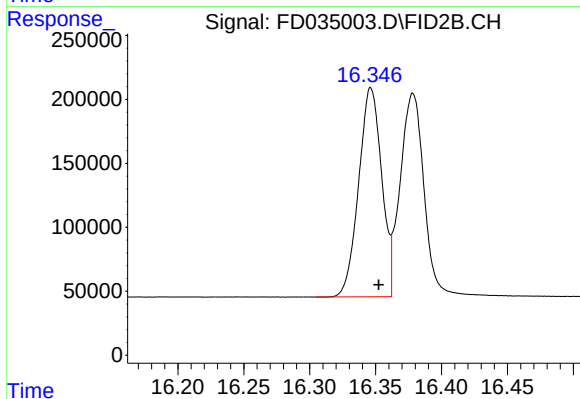
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.796 min
Delta R.T.: -0.006 min
Response: 1984199
Conc: 17.43 ug/ml



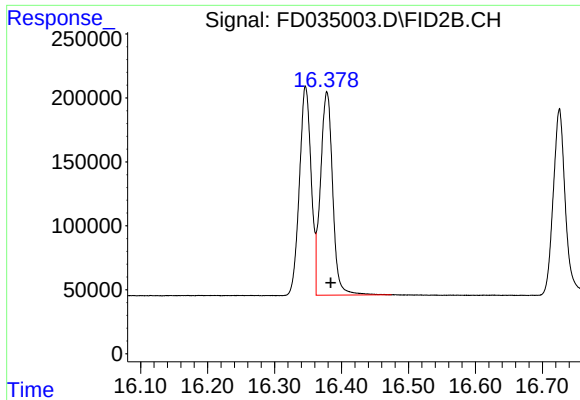
#15 Chrysene (C27.41)

R.T.: 14.838 min
Delta R.T.: -0.005 min
Response: 2140866
Conc: 17.48 ug/ml



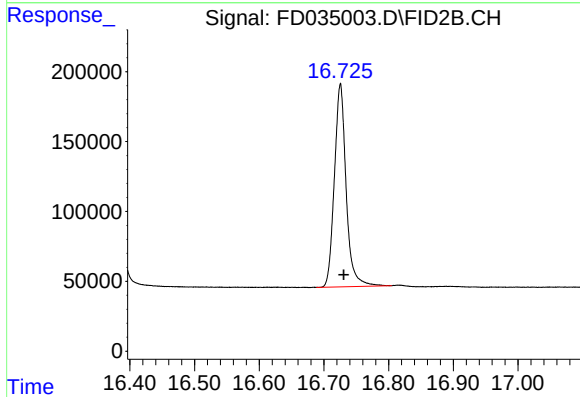
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.346 min
Delta R.T.: -0.006 min
Response: 1983711
Conc: 18.51 ug/ml



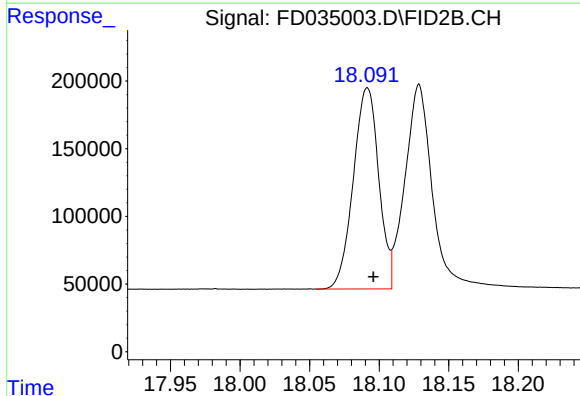
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.378 min
Delta R.T.: -0.006 min
Response: 2013382
Conc: 18.64 ug/ml



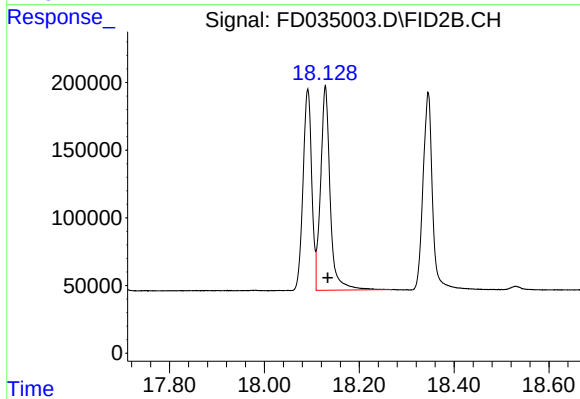
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: -0.005 min
Response: 1831115
Conc: 18.79 ug/ml



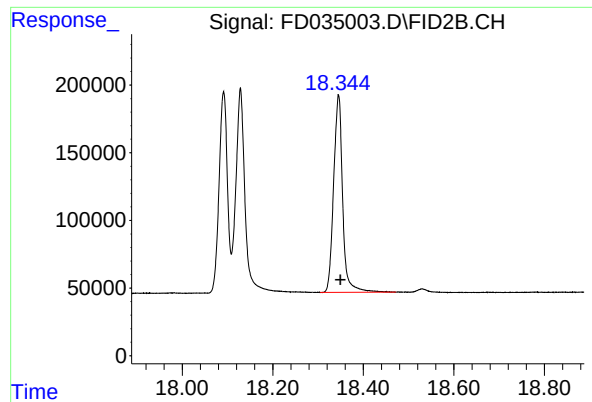
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.091 min
Delta R.T.: -0.005 min
Response: 1892213
Conc: 20.43 ug/ml



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

R.T.: 18.129 min
Delta R.T.: -0.005 min
Response: 2105741
Conc: 20.85 ug/ml



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

R.T.: 18.345 min
Delta R.T.: -0.004 min
Response: 2019992
Conc: 20.96 ug/ml