

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101320AR\
 Data File : FD035005.D
 Signal(s) : FID2B.CH
 Acq On : 13 Oct 2020 18:05
 Operator : DD\AJ
 Sample : PB132311BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 01:06:05 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...	7.673	6057045	51.961 ug/ml
Spiked Amount 50.000		Recovery =	103.92%
6) S 2-Fluorobiphenyl (SURR)	8.537	1941159	23.644 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.29%
11) S ortho-Terphenyl (SURR)	11.580	5959737	43.462 ug/ml
Spiked Amount 50.000		Recovery =	86.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.466	2900386	22.338 ug/ml
2) T Naphthalene (C11.7)	6.008	3865935	28.245 ug/ml
3) T 2-Methylnaphthalene (...)	7.062	4540544	33.104 ug/ml
5) T Acenaphthylene (C15.06)	8.341	5999481	44.313 ug/ml
7) T Acenaphthene (C15.5)	8.637	5701860	41.302 ug/ml
8) T Fluorene (C16.55)	9.421	7070751	52.599 ug/ml
9) T Phenanthrene (C19.36)	10.819	7058318	52.845 ug/ml
10) T Anthracene (C19.43)	10.895	6923787	51.270 ug/ml
12) T Fluoranthene (C21.85)	12.633	6846156	52.024 ug/ml
13) T Pyrene (C20.8)	12.931	6650207	51.944 ug/ml
14) T Benzo[a]anthracene (C...	14.803	6010955	52.801 ug/ml
15) T Chrysene (C27.41)	14.848	6215123	50.744 ug/ml
16) T benzo[b]fluoranthene ...	16.355	5773252	53.862 ug/ml
17) T Bnezo[k]fluoranthene ...	16.389	5485390	50.778 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.733	5063663	51.967 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.103	5611026	60.569 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	5417020	53.639 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	5486569	56.939 ug/ml

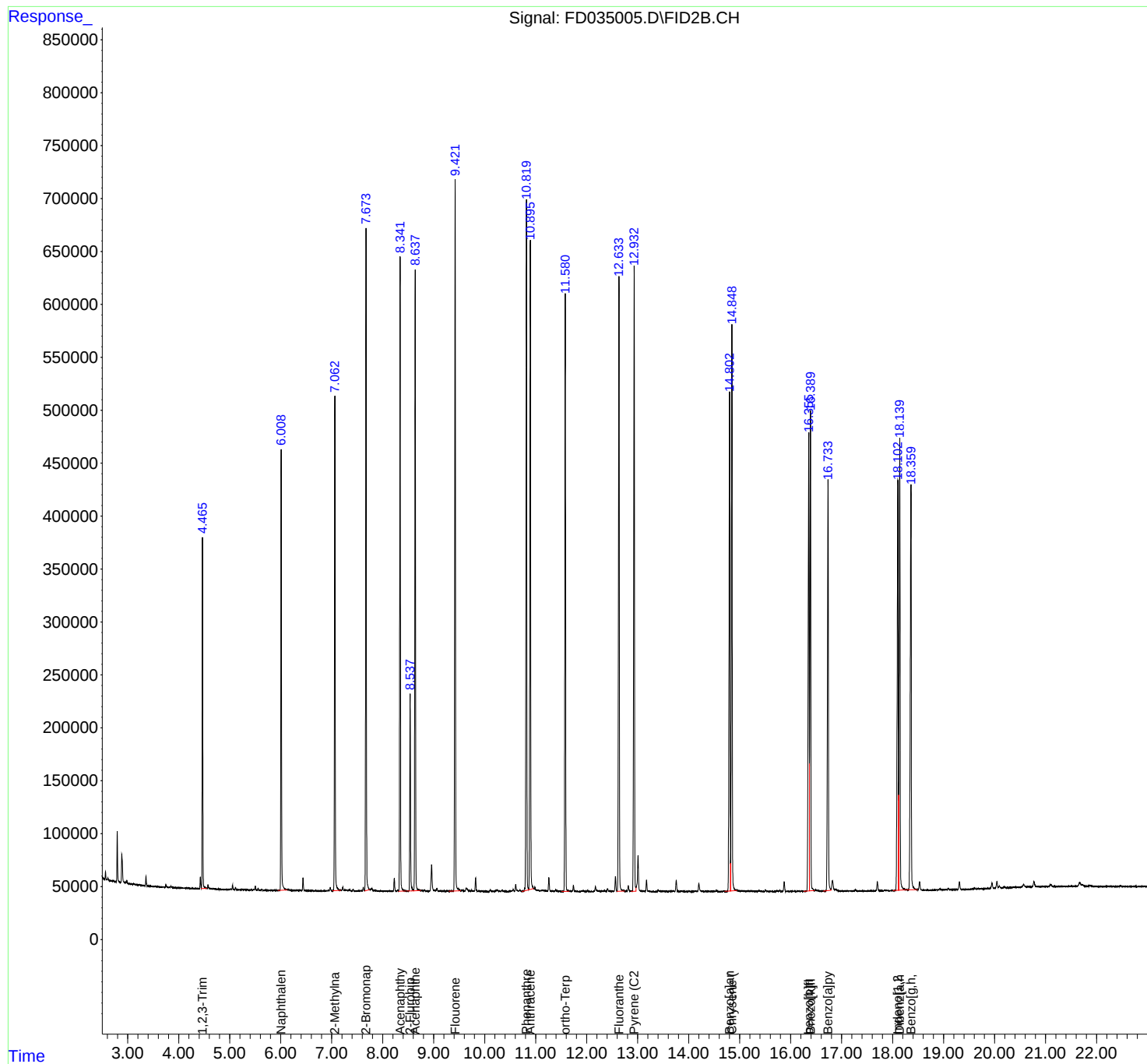
(f)=RT Delta > 1/2 Window

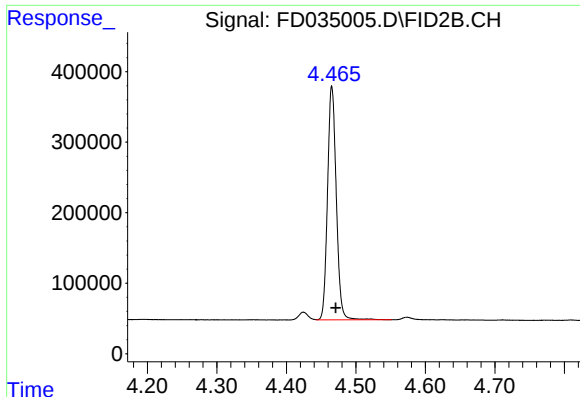
(m)=manual int.

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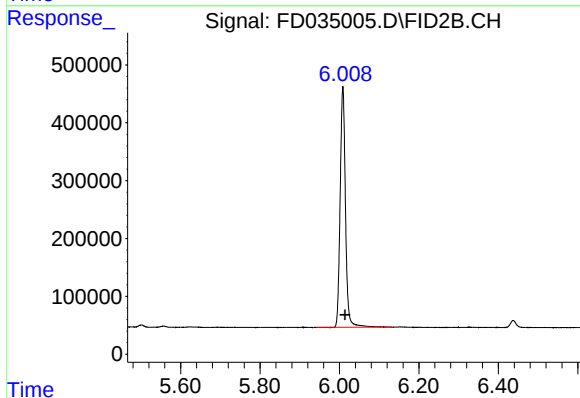
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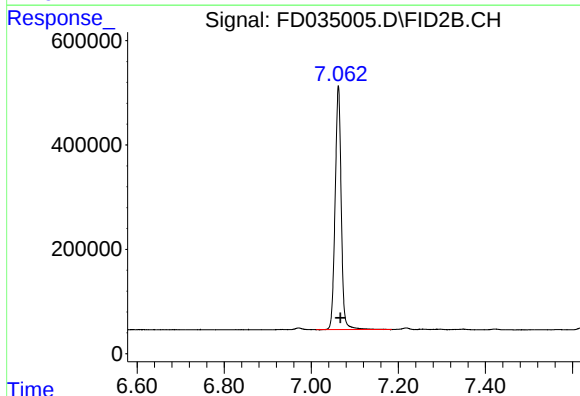
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2900386
Conc: 22.34 ug/ml



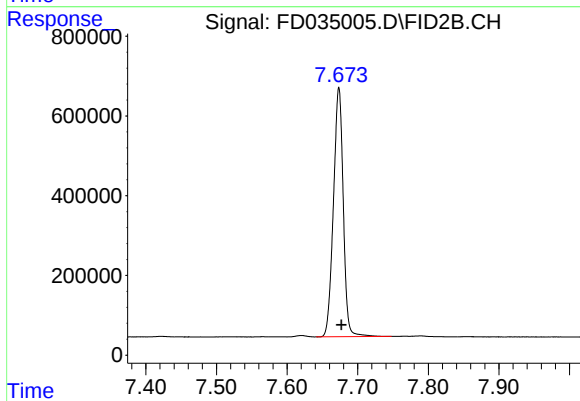
#2 Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.005 min
Response: 3865935
Conc: 28.24 ug/ml



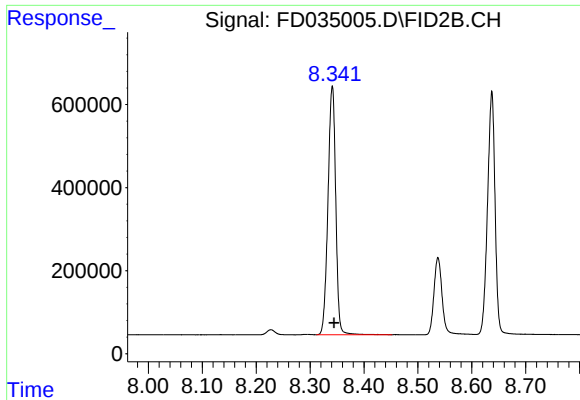
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 4540544
Conc: 33.10 ug/ml



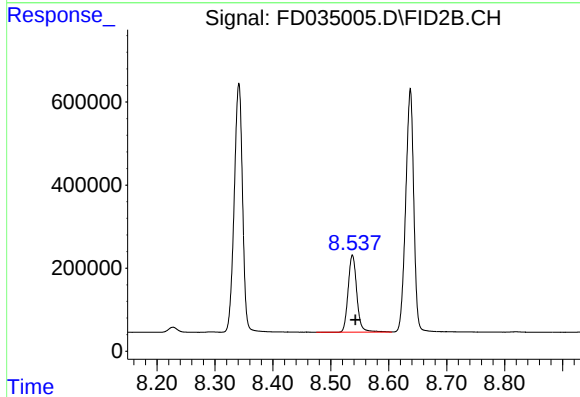
#4 2-Bromonaphthalene (SURR)

R.T.: 7.673 min
Delta R.T.: -0.004 min
Response: 6057045
Conc: 51.96 ug/ml



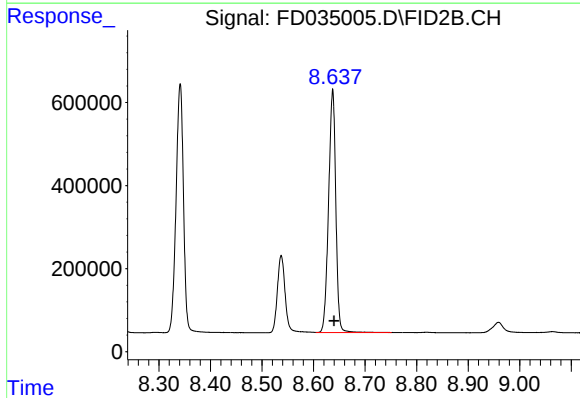
#5 Acenaphthylene (C15.06)

R.T.: 8.341 min
Delta R.T.: -0.003 min
Response: 5999481
Conc: 44.31 ug/ml



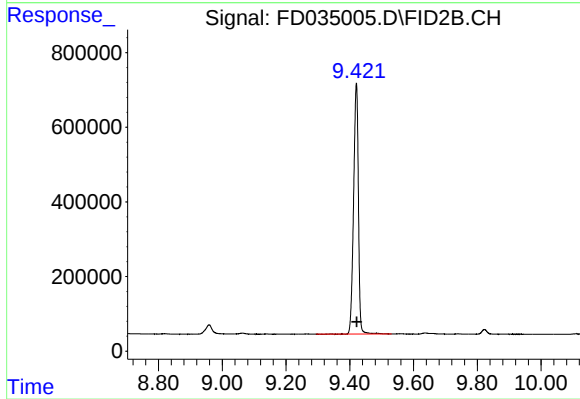
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.005 min
Response: 1941159
Conc: 23.64 ug/ml



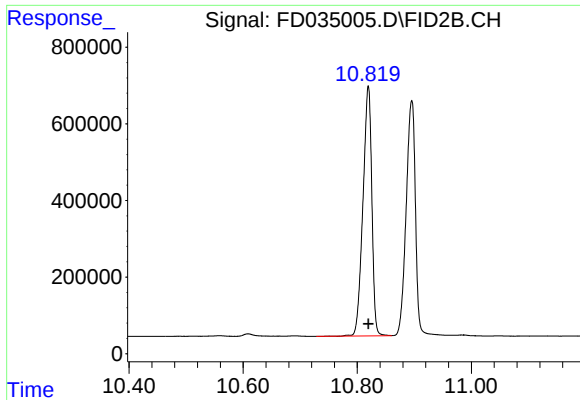
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: -0.003 min
Response: 5701860
Conc: 41.30 ug/ml



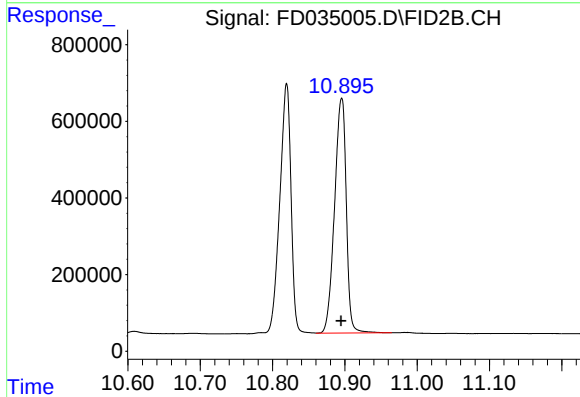
#8 Fluorene (C16.55)

R.T.: 9.421 min
Delta R.T.: -0.001 min
Response: 7070751
Conc: 52.60 ug/ml



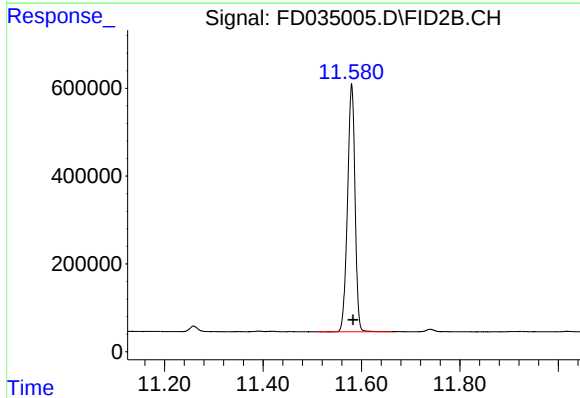
#9 Phenanthrene (C19.36)

R.T.: 10.819 min
Delta R.T.: 0.000 min
Response: 7058318
Conc: 52.84 ug/ml



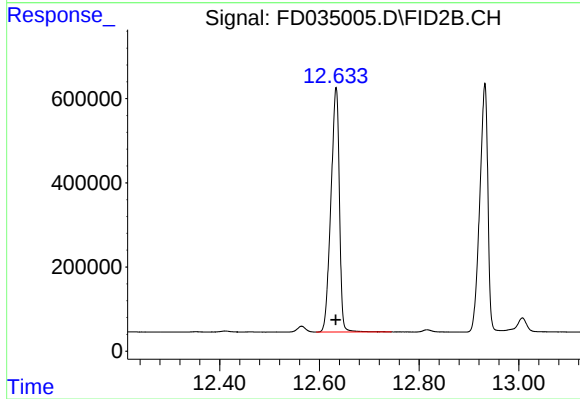
#10 Anthracene (C19.43)

R.T.: 10.895 min
Delta R.T.: 0.000 min
Response: 6923787
Conc: 51.27 ug/ml



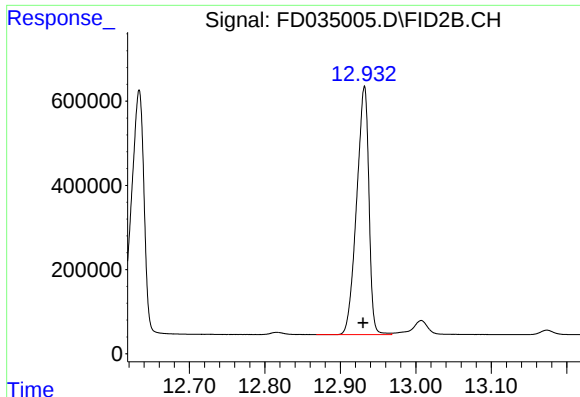
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: -0.003 min
Response: 5959737
Conc: 43.46 ug/ml



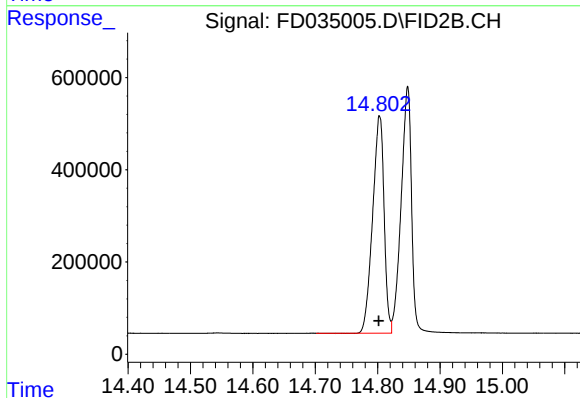
#12 Fluoranthene (C21.85)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 6846156
Conc: 52.02 ug/ml



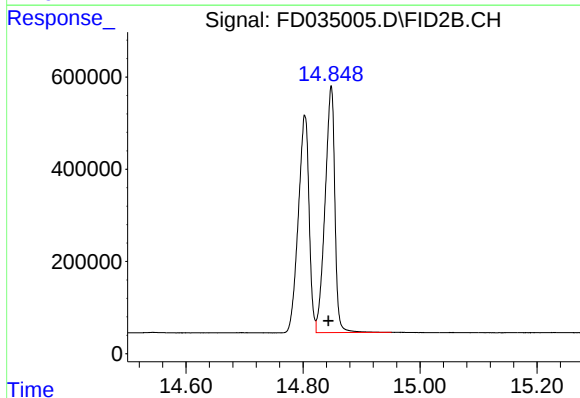
#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: 0.001 min
Response: 6650207
Conc: 51.94 ug/ml



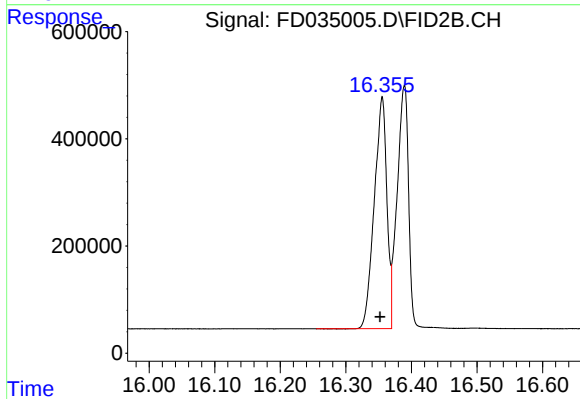
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.803 min
Delta R.T.: 0.001 min
Response: 6010955
Conc: 52.80 ug/ml



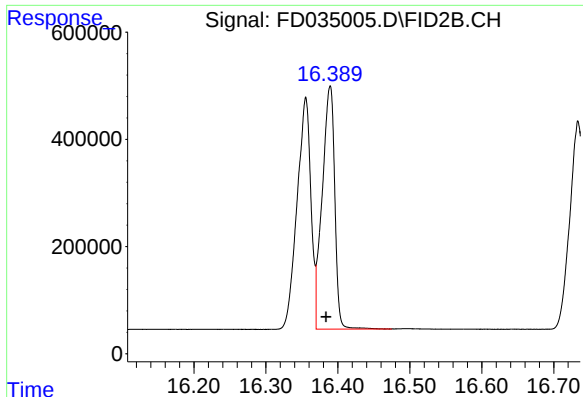
#15 Chrysene (C27.41)

R.T.: 14.848 min
Delta R.T.: 0.004 min
Response: 6215123
Conc: 50.74 ug/ml



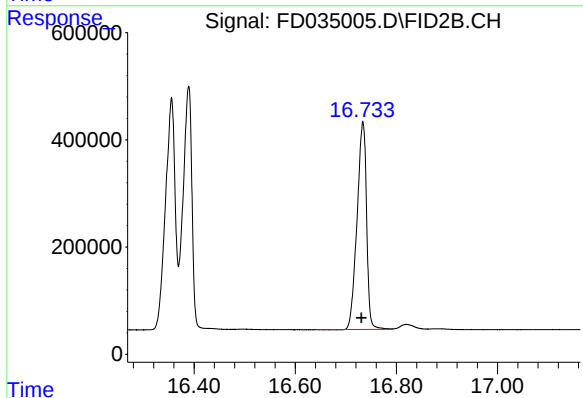
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.355 min
Delta R.T.: 0.003 min
Response: 5773252
Conc: 53.86 ug/ml



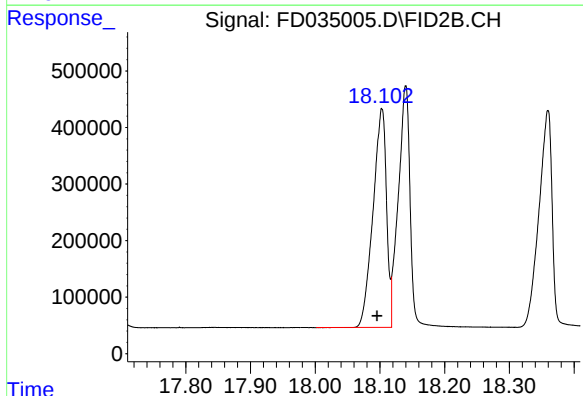
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.389 min
Delta R.T.: 0.005 min
Response: 5485390
Conc: 50.78 ug/ml



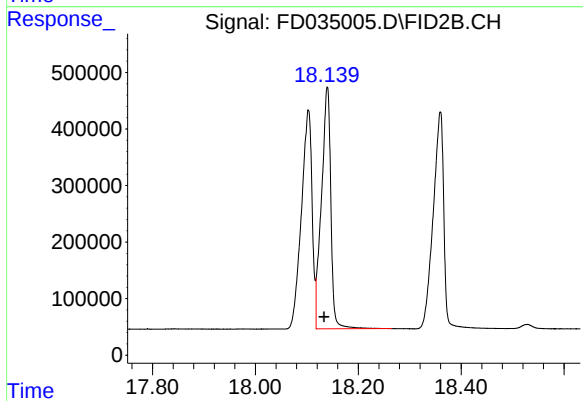
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.733 min
Delta R.T.: 0.003 min
Response: 5063663
Conc: 51.97 ug/ml



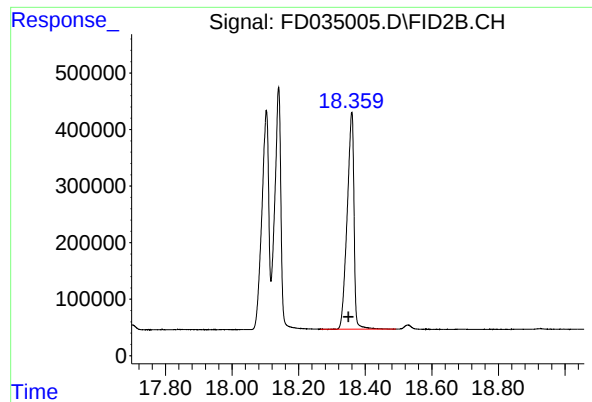
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.103 min
Delta R.T.: 0.007 min
Response: 5611026
Conc: 60.57 ug/ml



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

R.T.: 18.139 min
Delta R.T.: 0.006 min
Response: 5417020
Conc: 53.64 ug/ml



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

R.T.: 18.359 min
Delta R.T.: 0.010 min
Response: 5486569
Conc: 56.94 ug/ml