

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101420AR\
 Data File : FD035028.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2020 14:46
 Operator : DD\AJ
 Sample : PB132311BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 02:45:55 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...	7.669	6349606	54.471 ug/ml
Spiked Amount 50.000		Recovery =	108.94%
6) S 2-Fluorobiphenyl (SURR)	8.533	2026943	24.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.38%
11) S ortho-Terphenyl (SURR)	11.575	6215389	45.326 ug/ml
Spiked Amount 50.000		Recovery =	90.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.463	3045284	23.454 ug/ml
2) T Naphthalene (C11.7)	6.005	4063536	29.688 ug/ml
3) T 2-Methylnaphthalene (...)	7.059	4765978	34.747 ug/ml
5) T Acenaphthylene (C15.06)	8.337	6279894	46.384 ug/ml
7) T Acenaphthene (C15.5)	8.633	5956447	43.146 ug/ml
8) T Flouorene (C16.55)	9.416	7385563	54.941 ug/ml
9) T Phenanthrene (C19.36)	10.814	7421953	55.567 ug/ml
10) T Anthracene (C19.43)	10.891	7112747	52.670 ug/ml
12) T Fluoranthene (C21.85)	12.628	7087278	53.856 ug/ml
13) T Pyrene (C20.8)	12.925	6898641	53.885 ug/ml
14) T Benzo[a]anthracene (C...	14.798	6218008	54.620 ug/ml
15) T Chrysene (C27.41)	14.842	6448196	52.647 ug/ml
16) T benzo[b]fluoranthene ...	16.350	6012973	56.099 ug/ml
17) T Bnezo[k]fluoranthene ...	16.385	5711866	52.875 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.729	5273157	54.117 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.098	5802880	62.640 ug/ml
20) T Dibenz[a,h]anthracene...	18.134	5624266	55.691 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	5718137	59.342 ug/ml

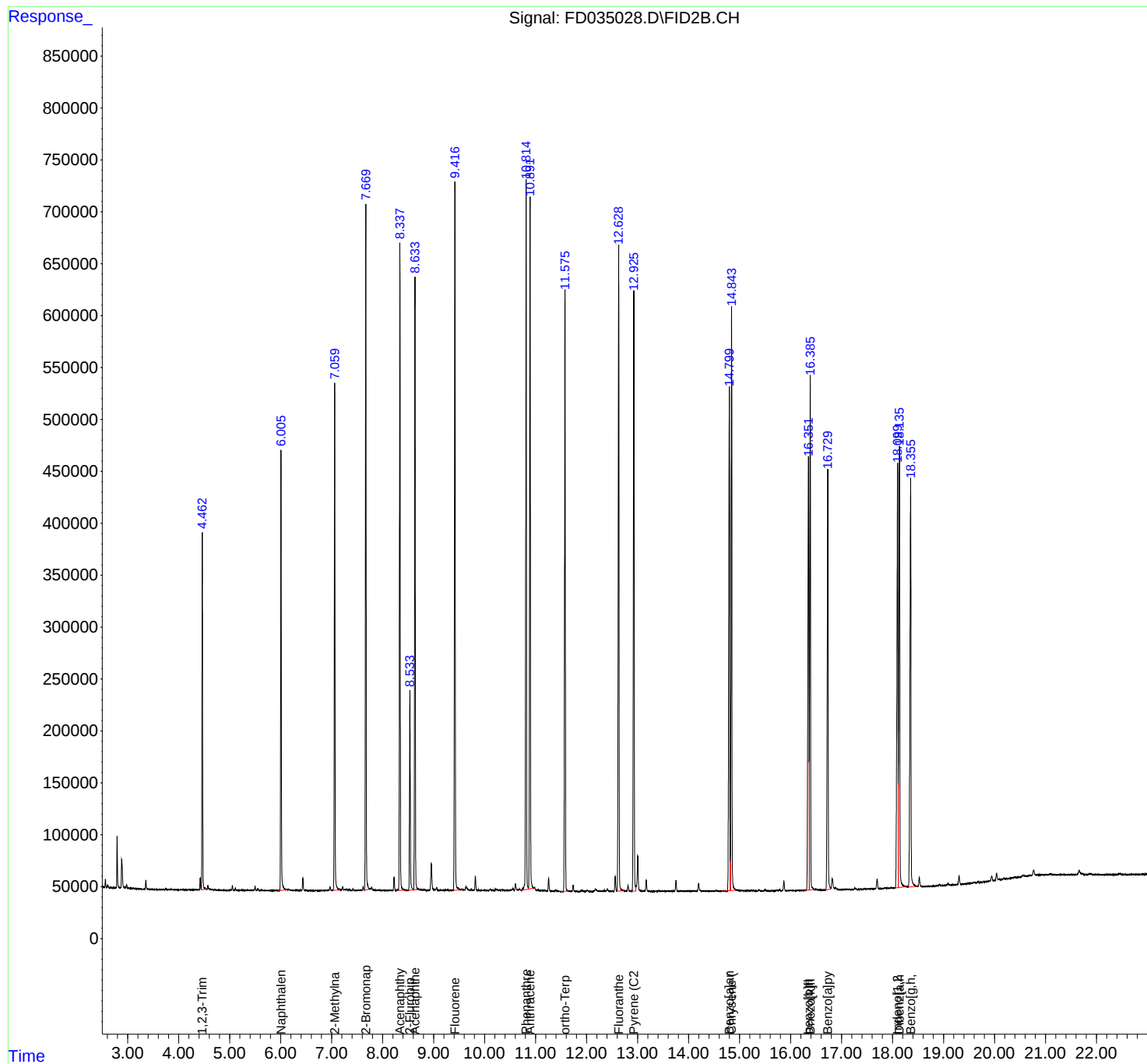
(f)=RT Delta > 1/2 Window

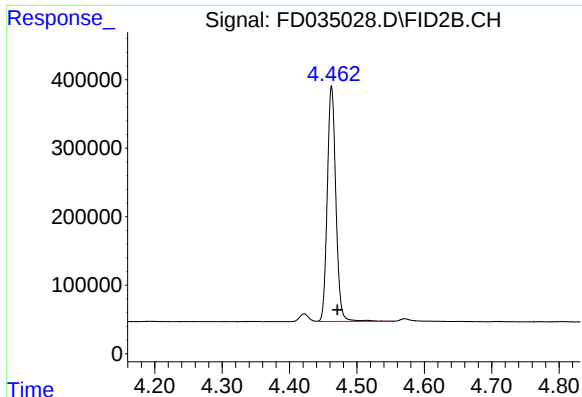
(m)=manual int.

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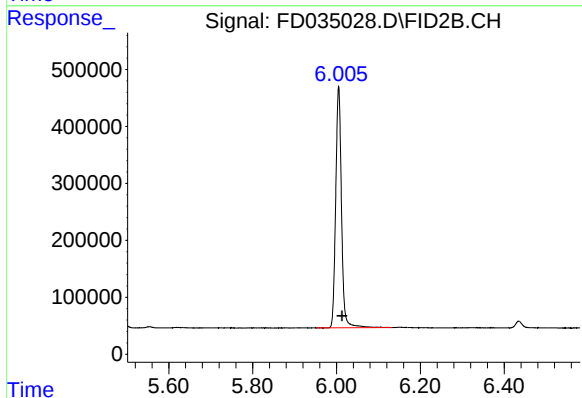
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Signal Info : 20M x 0.18mm x 0.18µm





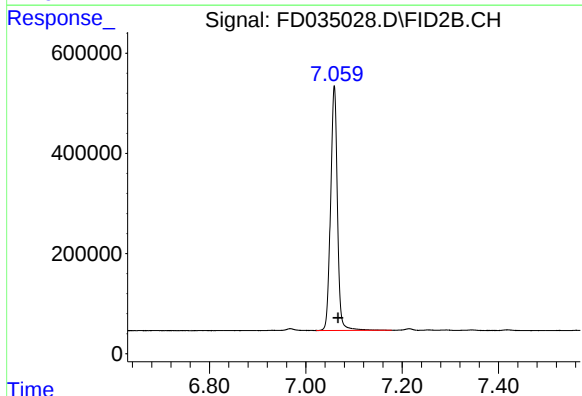
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.463 min
Delta R.T.: -0.008 min
Response: 3045284
Conc: 23.45 ug/ml



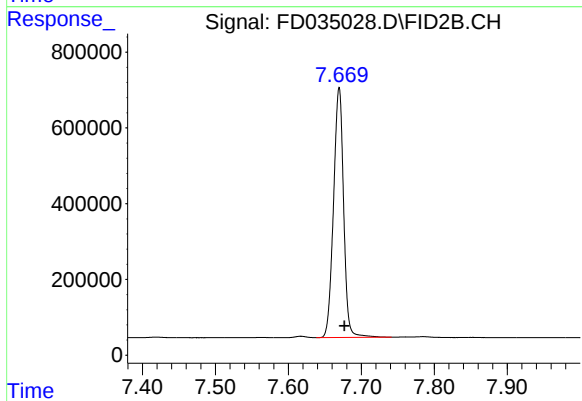
#2 Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: -0.008 min
Response: 4063536
Conc: 29.69 ug/ml



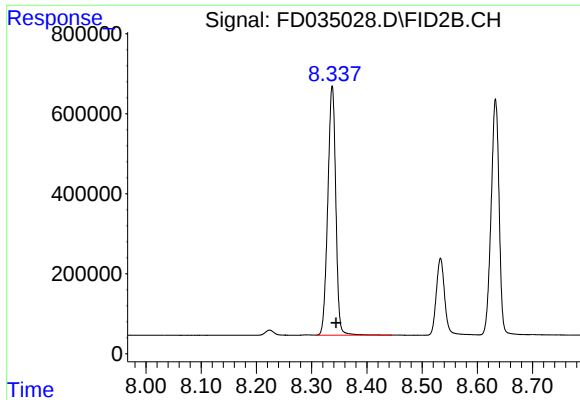
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.008 min
Response: 4765978
Conc: 34.75 ug/ml



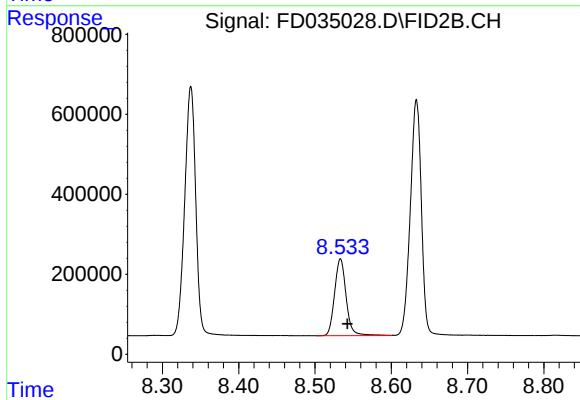
#4 2-Bromonaphthalene (SURR)

R.T.: 7.669 min
Delta R.T.: -0.008 min
Response: 6349606
Conc: 54.47 ug/ml



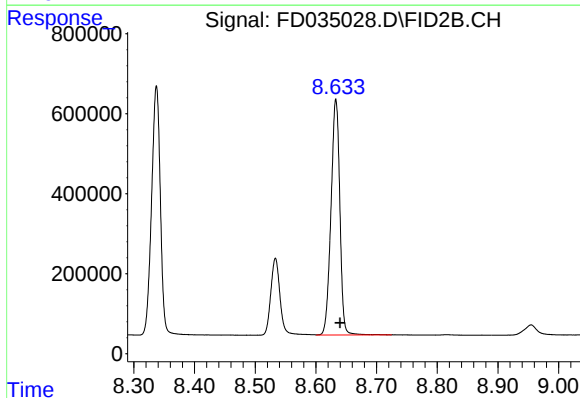
#5 Acenaphthylene (C15.06)

R.T.: 8.337 min
Delta R.T.: -0.007 min
Response: 6279894
Conc: 46.38 ug/ml



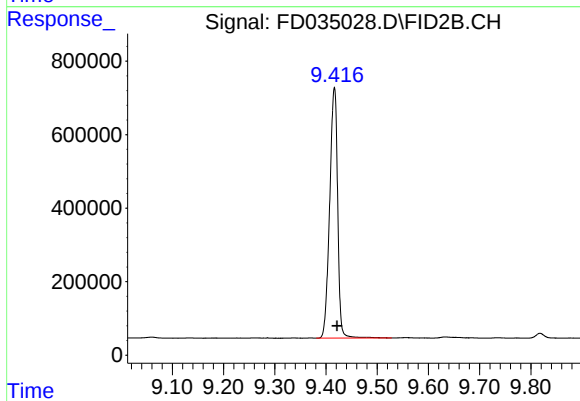
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.533 min
Delta R.T.: -0.009 min
Response: 2026943
Conc: 24.69 ug/ml



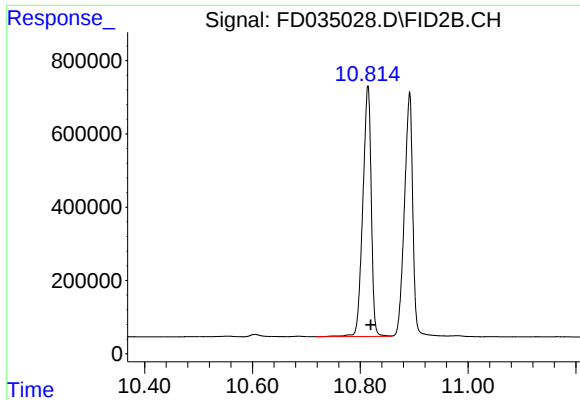
#7 Acenaphthene (C15.5)

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 5956447
Conc: 43.15 ug/ml



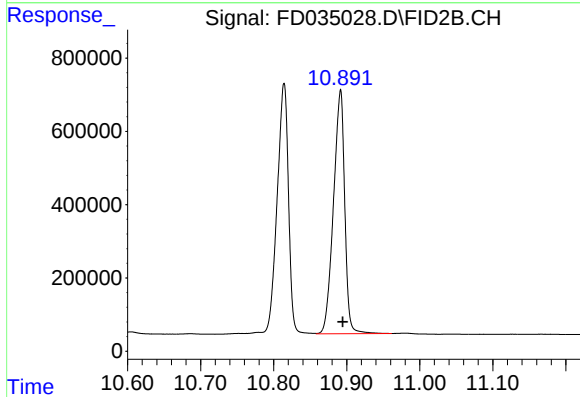
#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: -0.006 min
Response: 7385563
Conc: 54.94 ug/ml



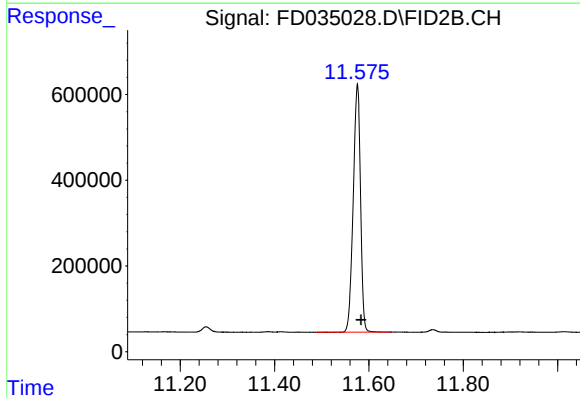
#9 Phenanthrene (C19.36)

R.T.: 10.814 min
Delta R.T.: -0.006 min
Response: 7421953
Conc: 55.57 ug/ml



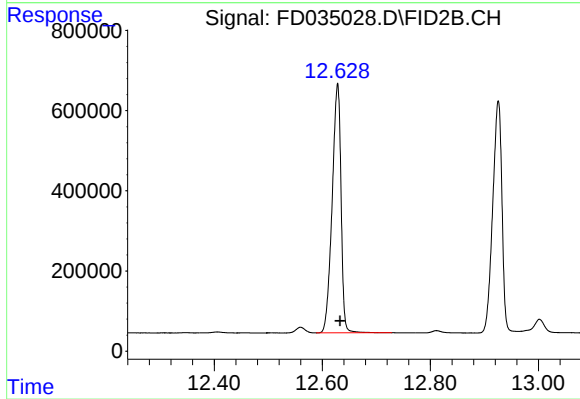
#10 Anthracene (C19.43)

R.T.: 10.891 min
Delta R.T.: -0.004 min
Response: 7112747
Conc: 52.67 ug/ml



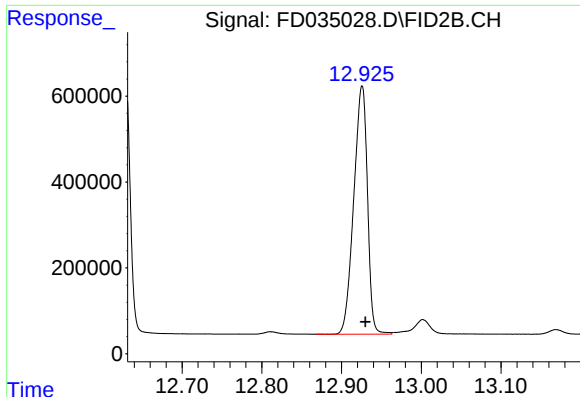
#11 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.008 min
Response: 6215389
Conc: 45.33 ug/ml



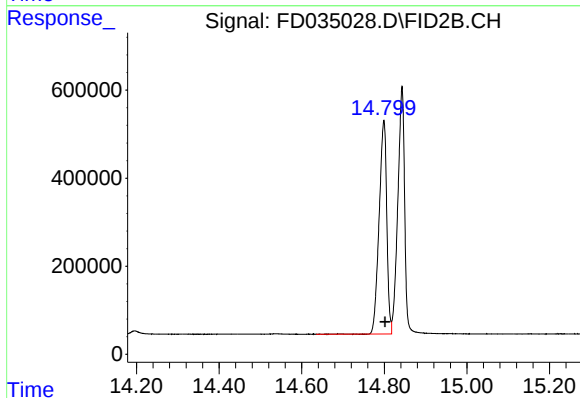
#12 Fluoranthene (C21.85)

R.T.: 12.628 min
Delta R.T.: -0.005 min
Response: 7087278
Conc: 53.86 ug/ml



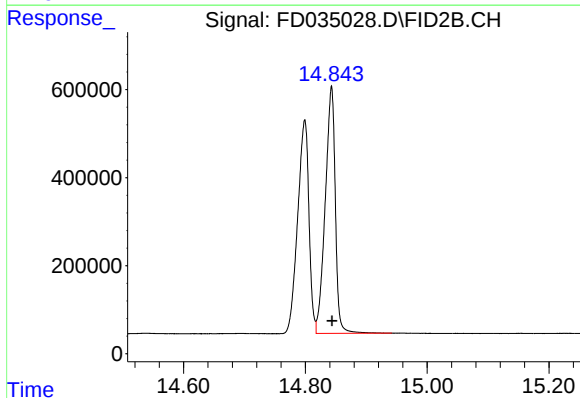
#13 Pyrene (C20.8)

R.T.: 12.925 min
Delta R.T.: -0.005 min
Response: 6898641
Conc: 53.88 ug/ml



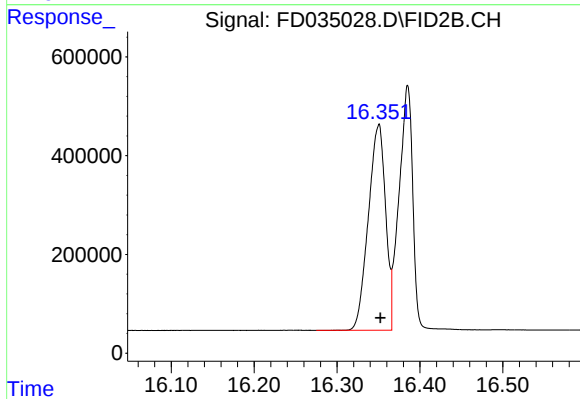
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: -0.004 min
Response: 6218008
Conc: 54.62 ug/ml



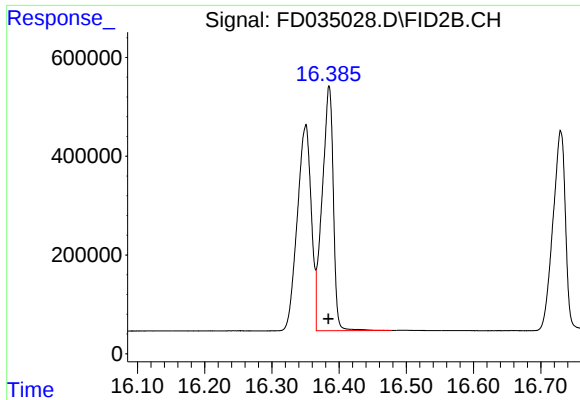
#15 Chrysene (C27.41)

R.T.: 14.842 min
Delta R.T.: -0.001 min
Response: 6448196
Conc: 52.65 ug/ml



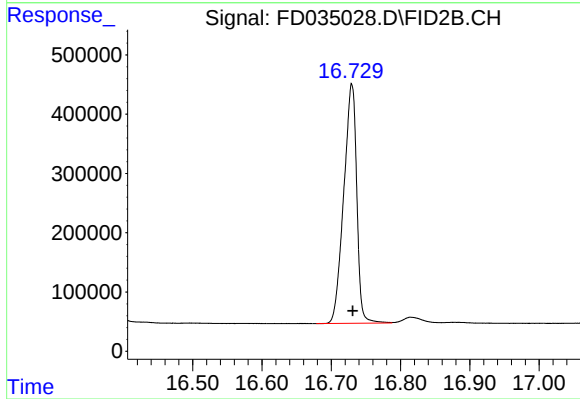
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.350 min
Delta R.T.: -0.002 min
Response: 6012973
Conc: 56.10 ug/ml



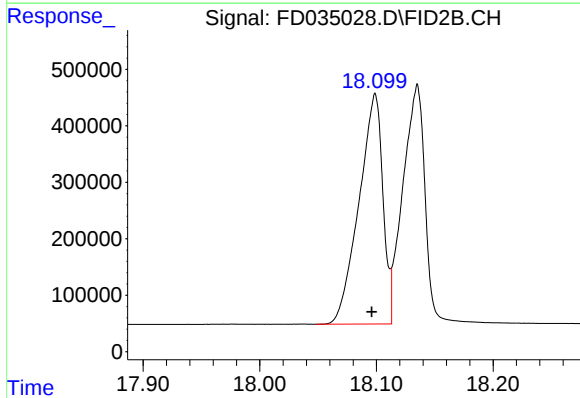
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.385 min
Delta R.T.: 0.000 min
Response: 5711866
Conc: 52.87 ug/ml



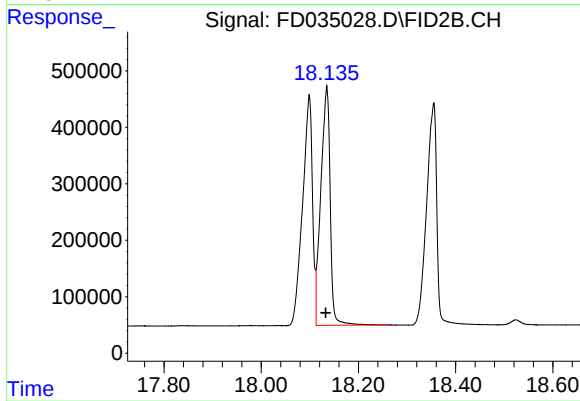
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 5273157
Conc: 54.12 ug/ml



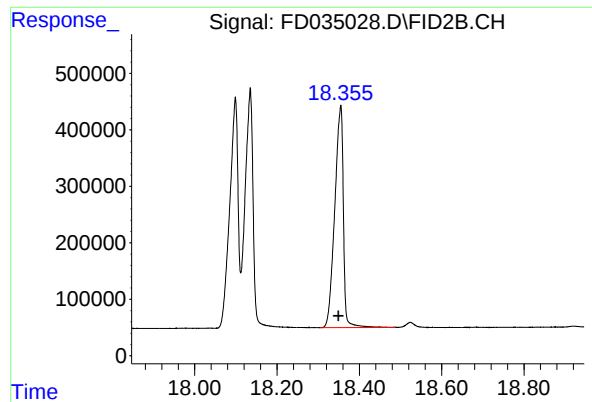
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.098 min
Delta R.T.: 0.002 min
Response: 5802880
Conc: 62.64 ug/ml



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

R.T.: 18.134 min
Delta R.T.: 0.001 min
Response: 5624266
Conc: 55.69 ug/ml



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

R.T.: 18.354 min
Delta R.T.: 0.005 min
Response: 5718137
Conc: 59.34 ug/ml