

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101420AR\
 Data File : FD035027.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2020 14:08
 Operator : DD\AJ
 Sample : PB132311BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 02:45:36 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	6312027	54.148 ug/ml
Spiked Amount 50.000		Recovery =	108.30%
6) S 2-Fluorobiphenyl (SURR)	8.534	2013818	24.529 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.06%
11) S ortho-Terphenyl (SURR)	11.575	6213603	45.313 ug/ml
Spiked Amount 50.000		Recovery =	90.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.462	2982293	22.968 ug/ml
2) T Naphthalene (C11.7)	6.005	4035466	29.483 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	4732718	34.505 ug/ml
5) T Acenaphthylene (C15.06)	8.338	6233846	46.044 ug/ml
7) T Acenaphthene (C15.5)	8.633	5950034	43.099 ug/ml
8) T Flouorene (C16.55)	9.416	7346157	54.648 ug/ml
9) T Phenanthrene (C19.36)	10.814	7305455	54.695 ug/ml
10) T Anthracene (C19.43)	10.890	7102175	52.591 ug/ml
12) T Fluoranthene (C21.85)	12.628	7116138	54.075 ug/ml
13) T Pyrene (C20.8)	12.926	6910073	53.974 ug/ml
14) T Benzo[a]anthracene (C...	14.798	6245302	54.860 ug/ml
15) T Chrysene (C27.41)	14.843	6467569	52.805 ug/ml
16) T benzo[b]fluoranthene ...	16.350	6042354	56.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.384	5730690	53.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.730	5296834	54.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.097	5801779	62.628 ug/ml
20) T Dibenz[a,h]anthracene...	18.134	5643582	55.883 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	5719958	59.361 ug/ml

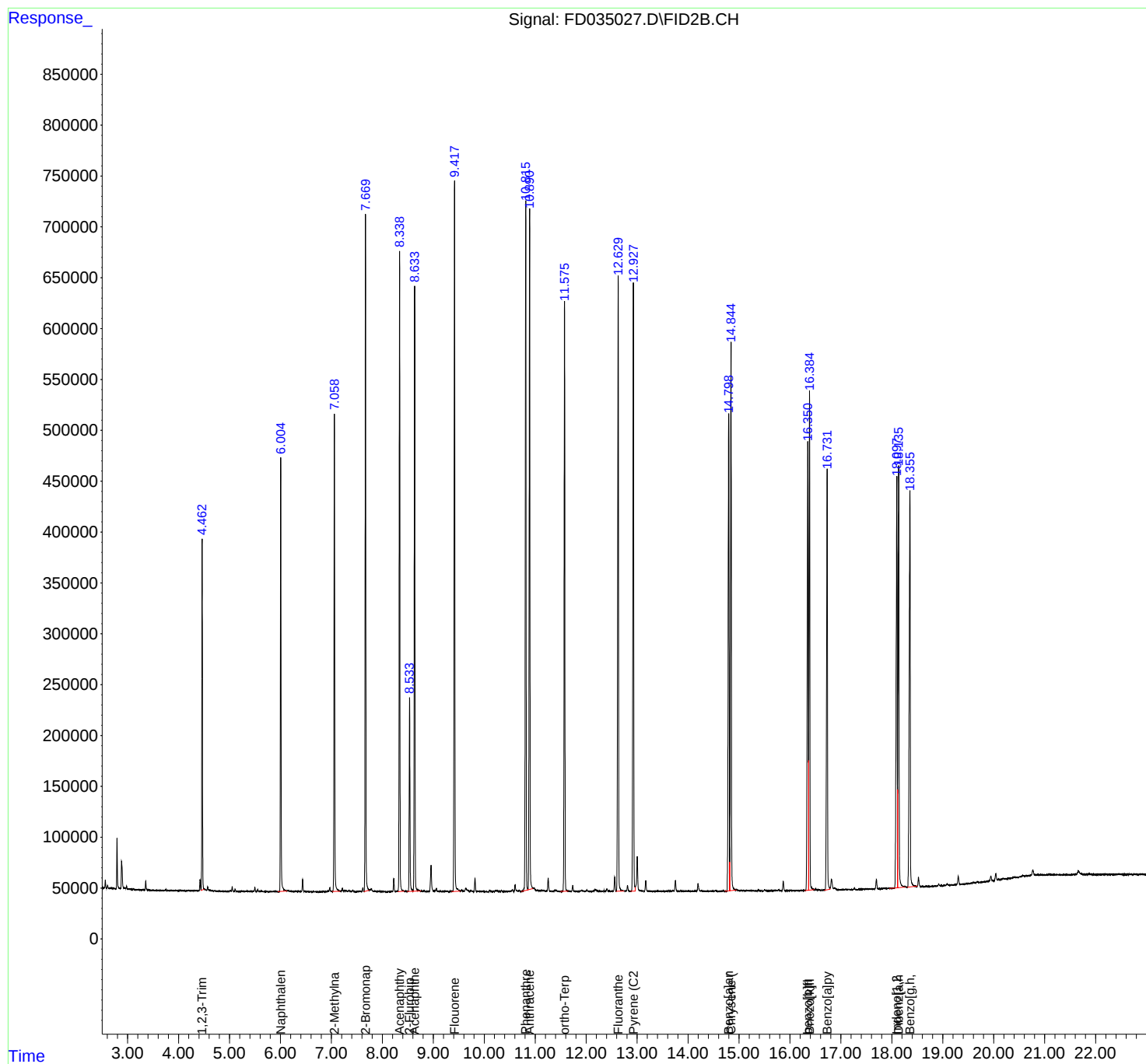
(f)=RT Delta > 1/2 Window

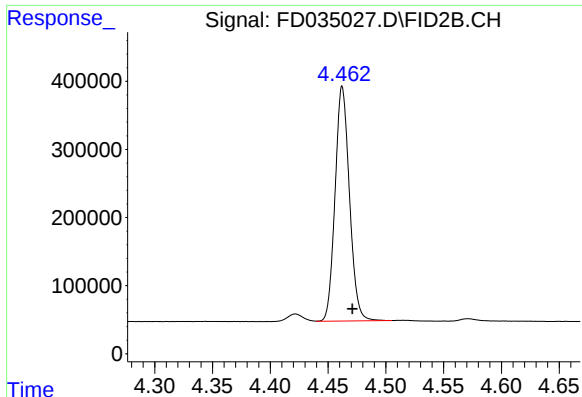
(m)=manual int.

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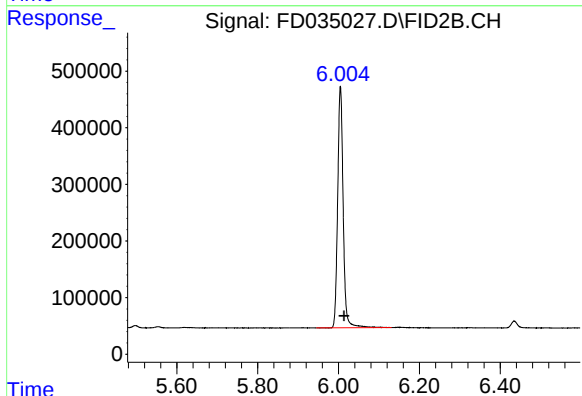
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Signal Info : 20M x 0.18mm x 0.18µm





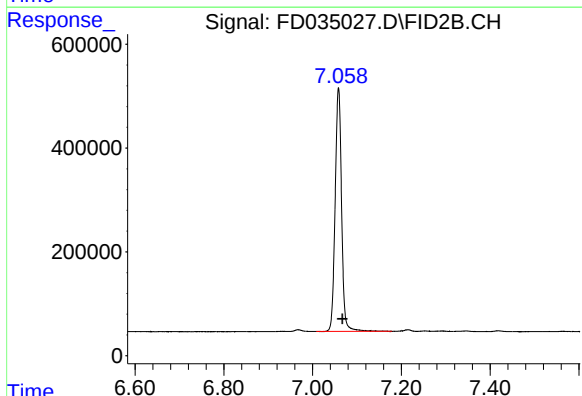
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.462 min
Delta R.T.: -0.009 min
Response: 2982293
Conc: 22.97 ug/ml



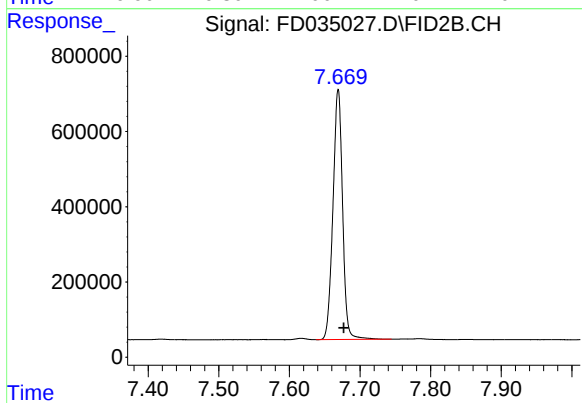
#2 Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: -0.009 min
Response: 4035466
Conc: 29.48 ug/ml



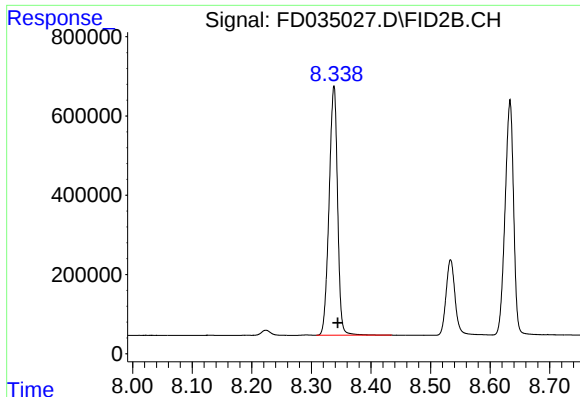
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: -0.009 min
Response: 4732718
Conc: 34.50 ug/ml



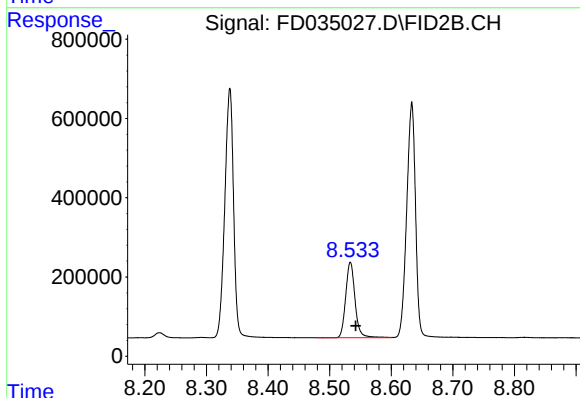
#4 2-Bromonaphthalene (SURR)

R.T.: 7.669 min
Delta R.T.: -0.008 min
Response: 6312027
Conc: 54.15 ug/ml



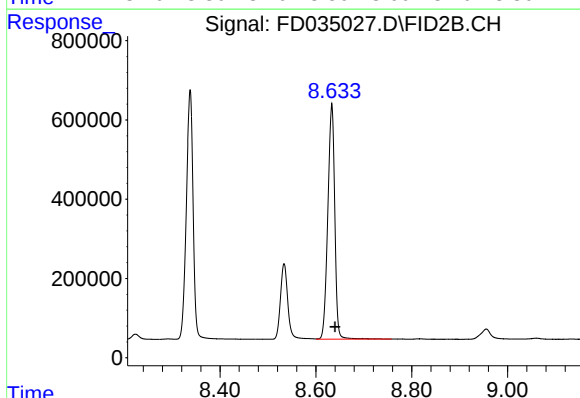
#5 Acenaphthylene (C15.06)

R.T.: 8.338 min
Delta R.T.: -0.007 min
Response: 6233846
Conc: 46.04 ug/ml



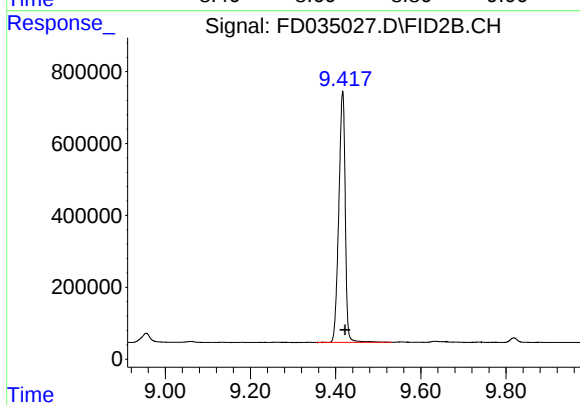
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: -0.009 min
Response: 2013818
Conc: 24.53 ug/ml



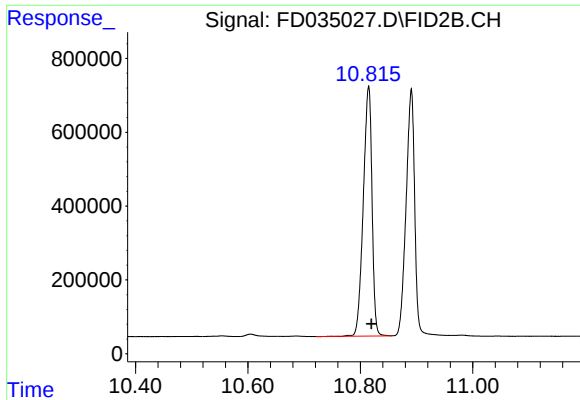
#7 Acenaphthene (C15.5)

R.T.: 8.633 min
Delta R.T.: -0.007 min
Response: 5950034
Conc: 43.10 ug/ml



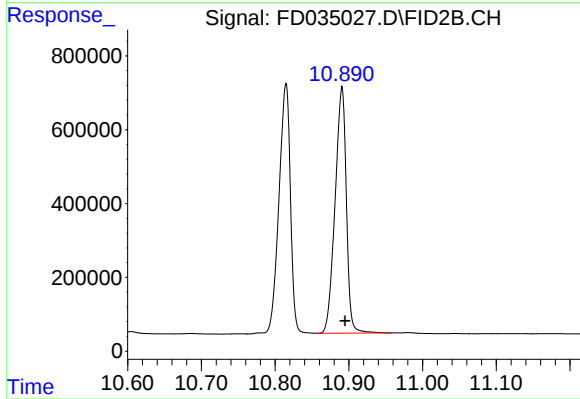
#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: -0.006 min
Response: 7346157
Conc: 54.65 ug/ml



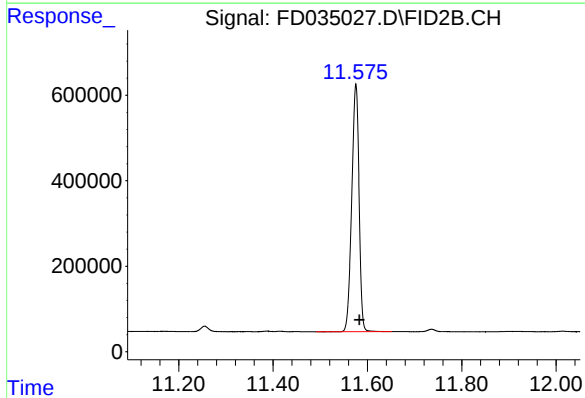
#9 Phenanthrene (C19.36)

R.T.: 10.814 min
Delta R.T.: -0.005 min
Response: 7305455
Conc: 54.70 ug/ml



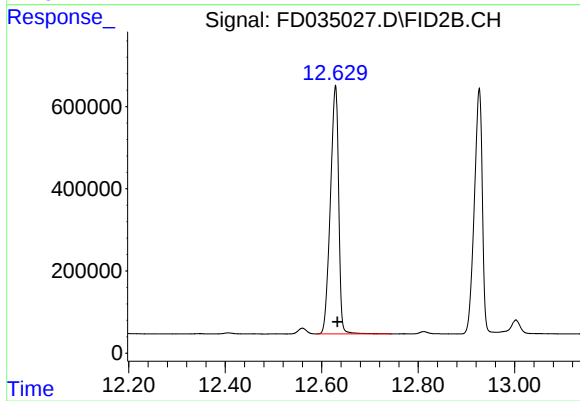
#10 Anthracene (C19.43)

R.T.: 10.890 min
Delta R.T.: -0.004 min
Response: 7102175
Conc: 52.59 ug/ml



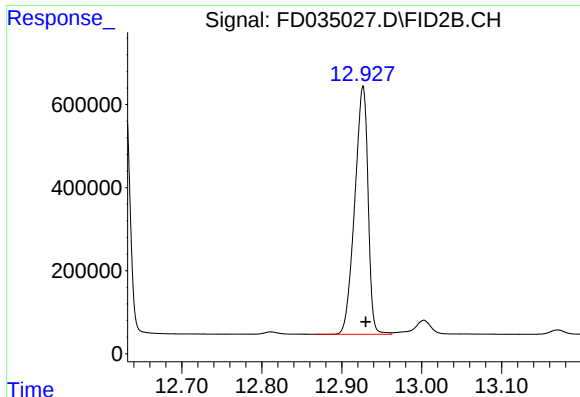
#11 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.008 min
Response: 6213603
Conc: 45.31 ug/ml



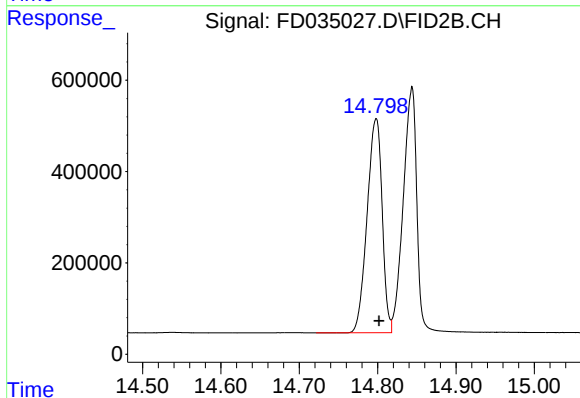
#12 Fluoranthene (C21.85)

R.T.: 12.628 min
Delta R.T.: -0.005 min
Response: 7116138
Conc: 54.08 ug/ml



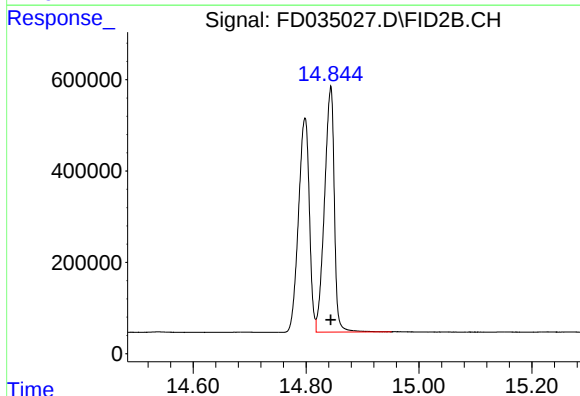
#13 Pyrene (C20.8)

R.T.: 12.926 min
Delta R.T.: -0.004 min
Response: 6910073
Conc: 53.97 ug/ml



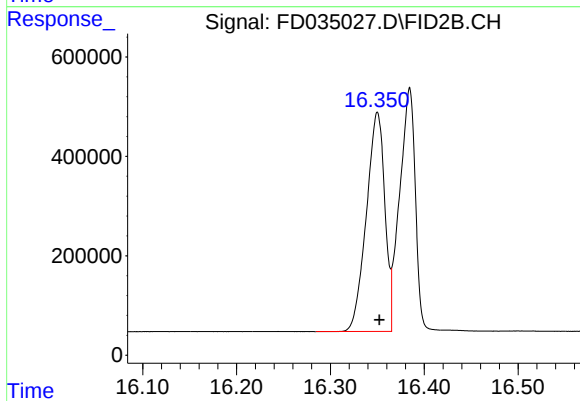
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: -0.004 min
Response: 6245302
Conc: 54.86 ug/ml



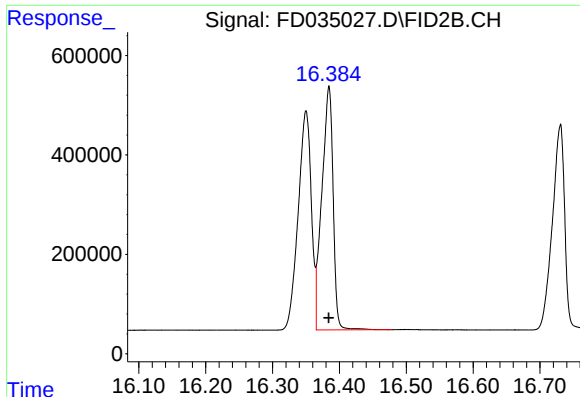
#15 Chrysene (C27.41)

R.T.: 14.843 min
Delta R.T.: 0.000 min
Response: 6467569
Conc: 52.81 ug/ml



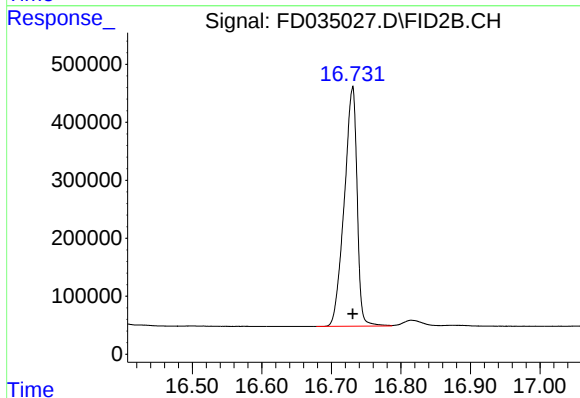
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.350 min
Delta R.T.: -0.002 min
Response: 6042354
Conc: 56.37 ug/ml



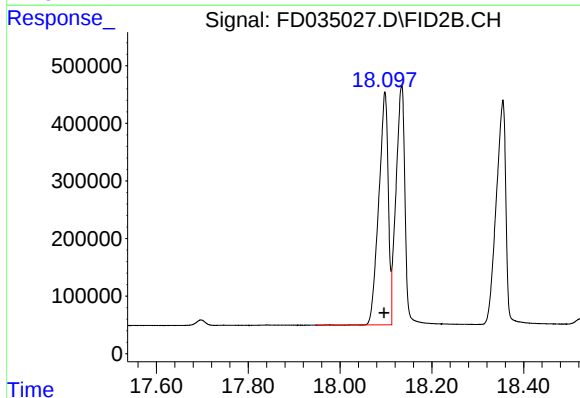
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.384 min
Delta R.T.: 0.000 min
Response: 5730690
Conc: 53.05 ug/ml



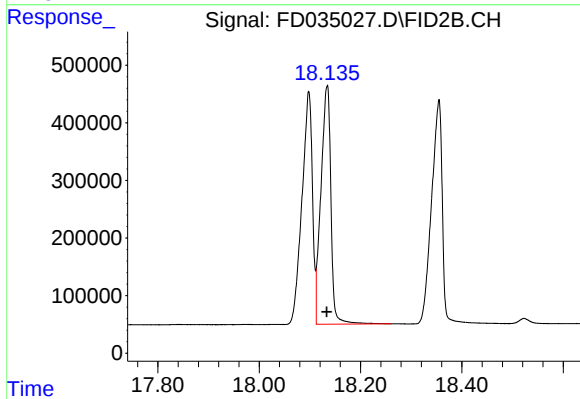
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 5296834
Conc: 54.36 ug/ml



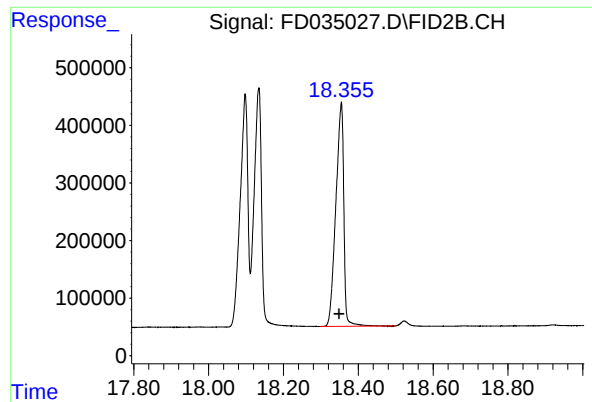
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.097 min
Delta R.T.: 0.001 min
Response: 5801779
Conc: 62.63 ug/ml



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

R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 5643582
Conc: 55.88 ug/ml



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

R.T.: 18.354 min
Delta R.T.: 0.005 min
Response: 5719958
Conc: 59.36 ug/ml