

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101320AR\
 Data File : FD035006.D
 Signal(s) : FID2B.CH
 Acq On : 13 Oct 2020 18:42
 Operator : DD\AJ
 Sample : PB132311BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 01:06:25 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	4392895	37.685 ug/ml
Spiked Amount 50.000		Recovery =	75.37%
6) S 2-Fluorobiphenyl (SURR)	8.537	1595233	19.431 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.86%
11) S ortho-Terphenyl (SURR)	11.579	4684639	34.163 ug/ml
Spiked Amount 50.000		Recovery =	68.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.466	2524107	19.440 ug/ml
2) T Naphthalene (C11.7)	6.009	3266641	23.866 ug/ml
3) T 2-Methylnaphthalene (...)	7.062	3850943	28.076 ug/ml
5) T Acenaphthylene (C15.06)	8.340	4763803	35.186 ug/ml
7) T Acenaphthene (C15.5)	8.636	4703244	34.068 ug/ml
8) T Flouorene (C16.55)	9.419	5503229	40.938 ug/ml
9) T Phenanthrene (C19.36)	10.817	5452238	40.820 ug/ml
10) T Anthracene (C19.43)	10.893	5387285	39.893 ug/ml
12) T Fluoranthene (C21.85)	12.631	5292113	40.215 ug/ml
13) T Pyrene (C20.8)	12.929	5145090	40.188 ug/ml
14) T Benzo[a]anthracene (C...	14.801	4689926	41.197 ug/ml
15) T Chrysene (C27.41)	14.844	4963958	40.529 ug/ml
16) T benzo[b]fluoranthene ...	16.353	4560680	42.549 ug/ml
17) T Bnezo[k]fluoranthene ...	16.386	4373922	40.490 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.732	4029117	41.350 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.100	4421608	47.729 ug/ml
20) T Dibenz[a,h]anthracene...	18.136	4447794	44.042 ug/ml
21) T Benzo[g,h,i]perylene ...	18.355	4393187	45.592 ug/ml

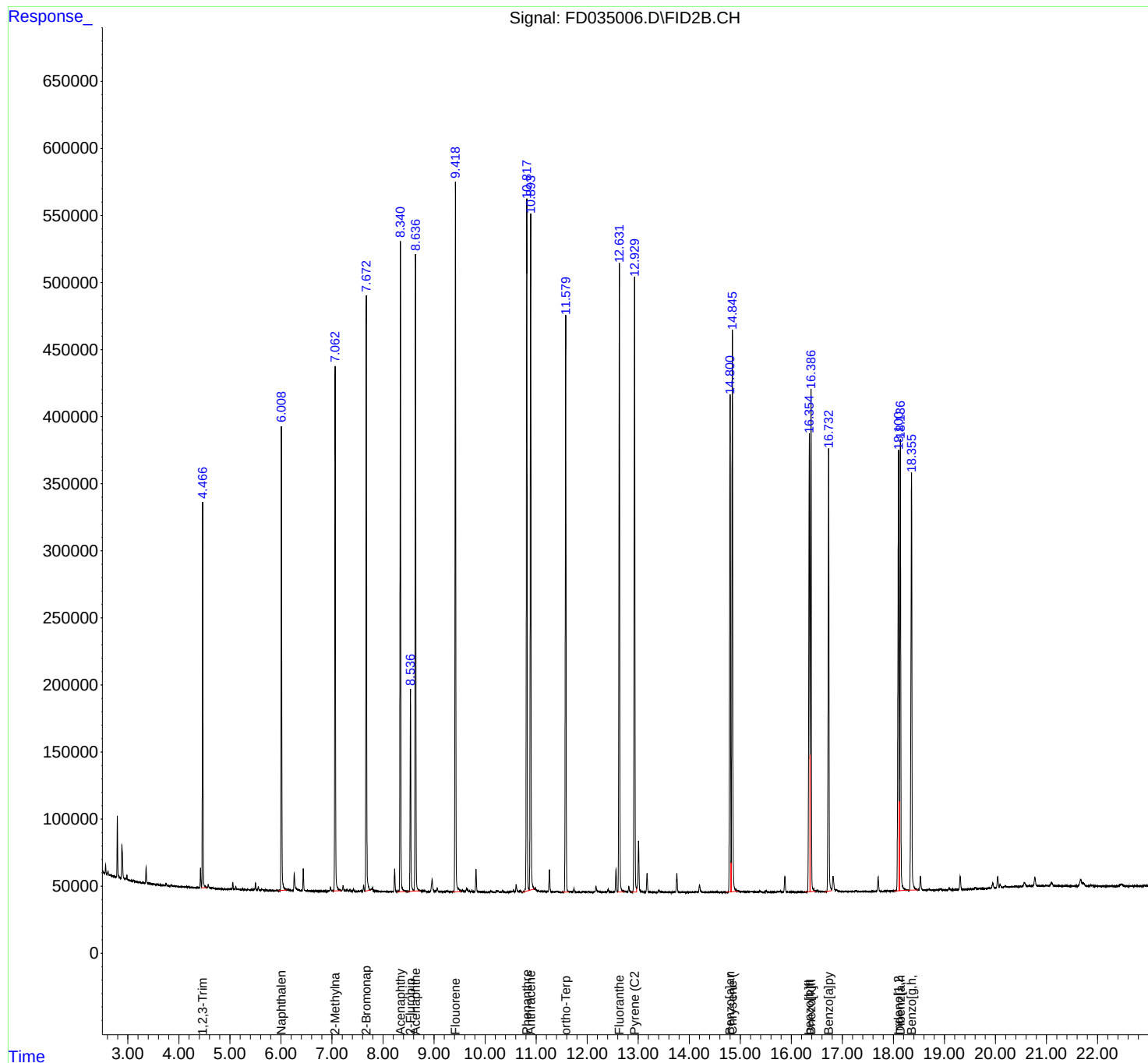
(f)=RT Delta > 1/2 Window

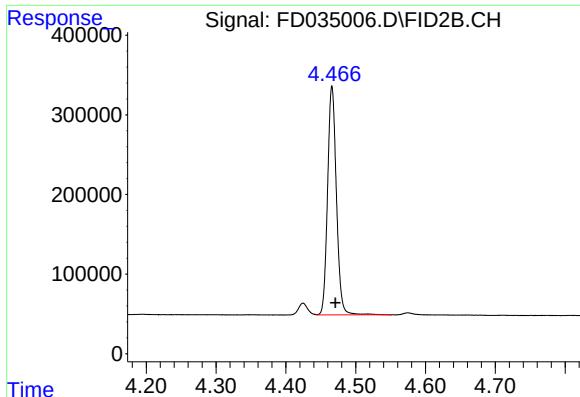
(m)=manual int.

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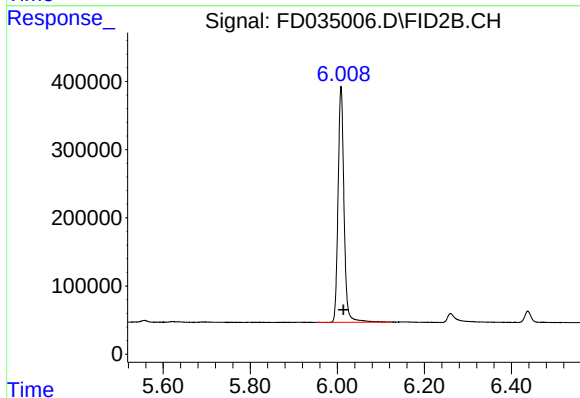
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Signal Info : 20M x 0.18mm x 0.18µm





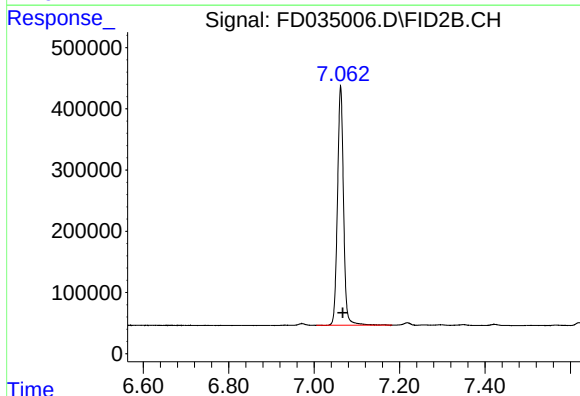
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2524107
Conc: 19.44 ug/ml



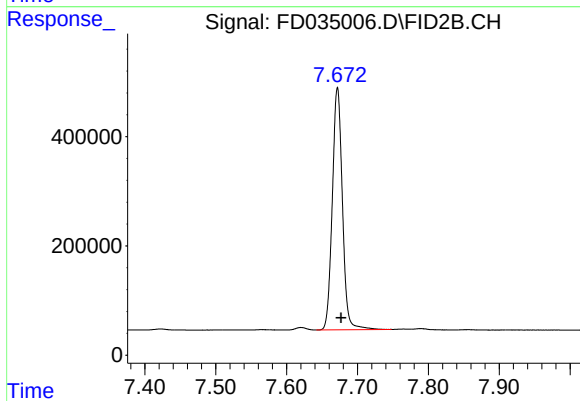
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.005 min
Response: 3266641
Conc: 23.87 ug/ml



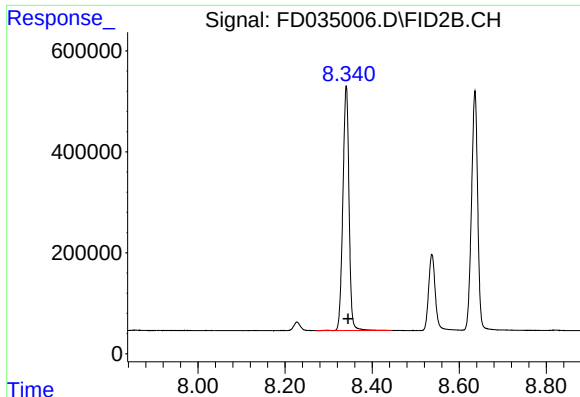
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 3850943
Conc: 28.08 ug/ml



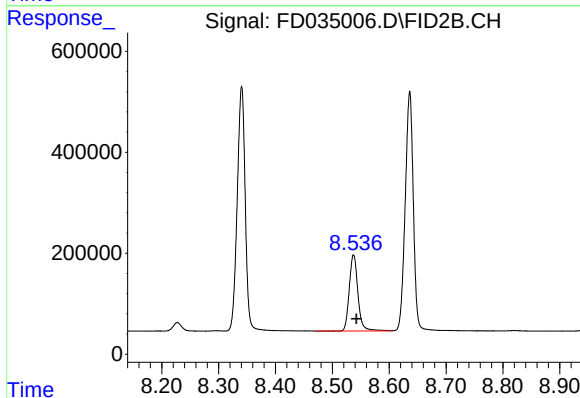
#4 2-Bromonaphthalene (SURR)

R.T.: 7.672 min
Delta R.T.: -0.005 min
Response: 4392895
Conc: 37.68 ug/ml



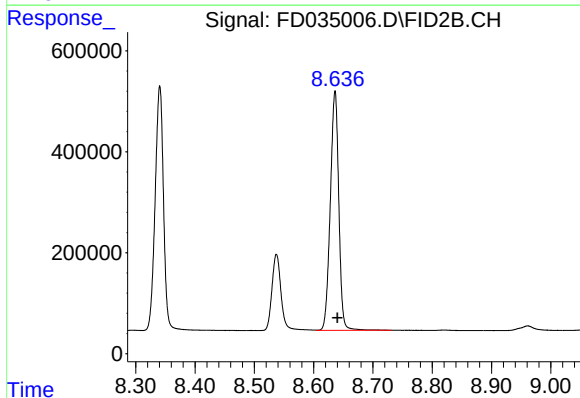
#5 Acenaphthylene (C15.06)

R.T.: 8.340 min
Delta R.T.: -0.004 min
Response: 4763803
Conc: 35.19 ug/ml



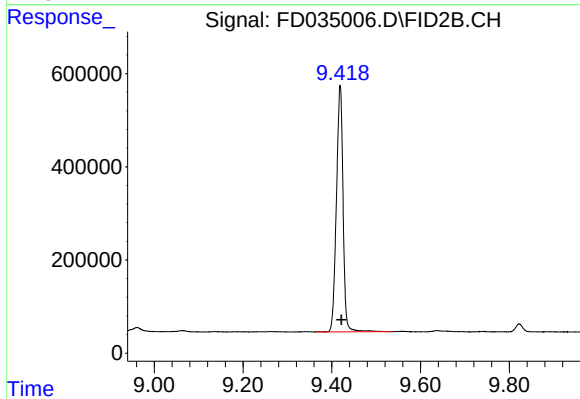
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.005 min
Response: 1595233
Conc: 19.43 ug/ml



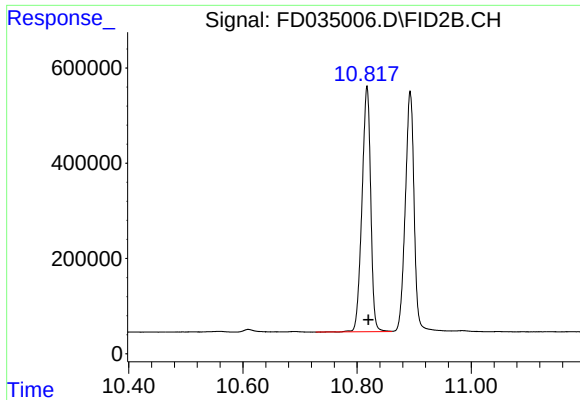
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.004 min
Response: 4703244
Conc: 34.07 ug/ml



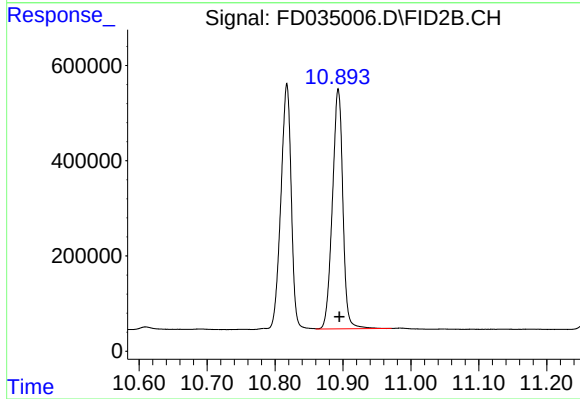
#8 Flouorene (C16.55)

R.T.: 9.419 min
Delta R.T.: -0.003 min
Response: 5503229
Conc: 40.94 ug/ml



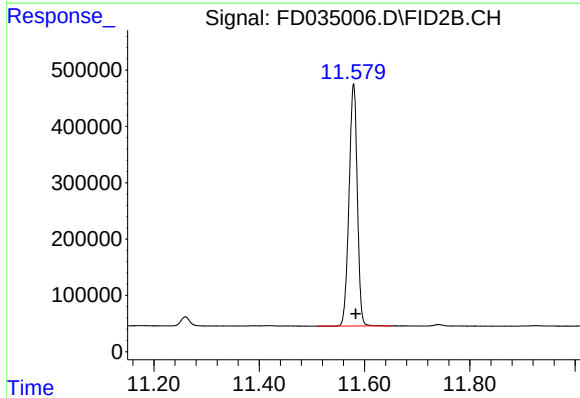
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.002 min
Response: 5452238
Conc: 40.82 ug/ml



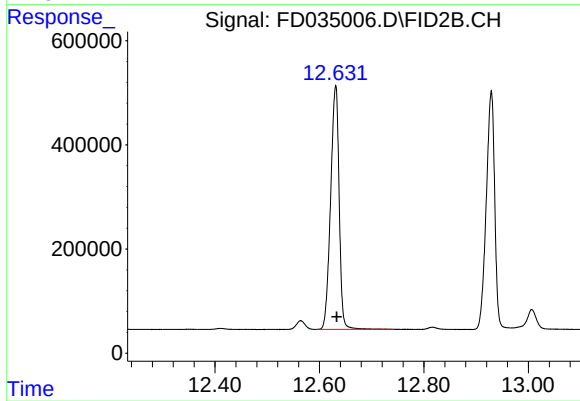
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: -0.002 min
Response: 5387285
Conc: 39.89 ug/ml



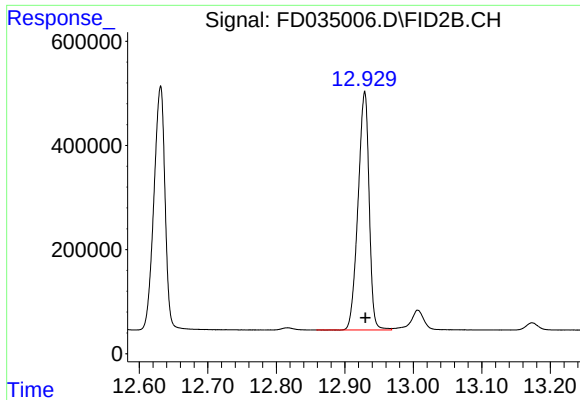
#11 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.004 min
Response: 4684639
Conc: 34.16 ug/ml



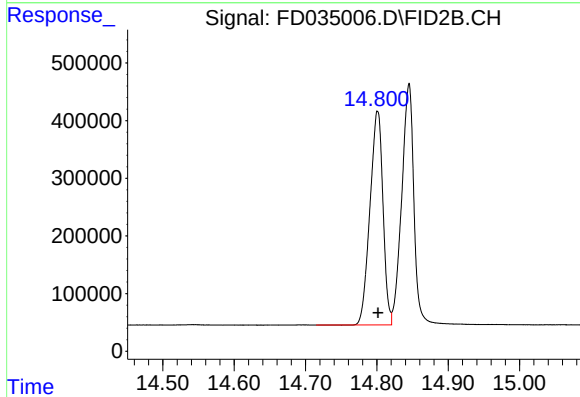
#12 Fluoranthene (C21.85)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 5292113
Conc: 40.21 ug/ml



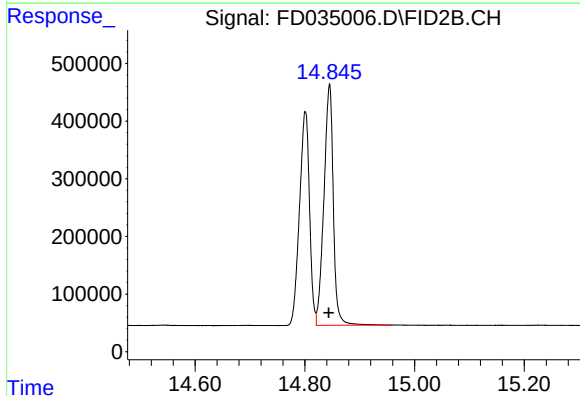
#13 Pyrene (C20.8)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 5145090
Conc: 40.19 ug/ml



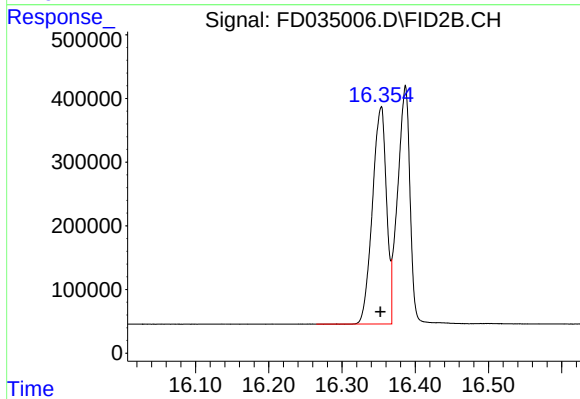
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.801 min
Delta R.T.: -0.001 min
Response: 4689926
Conc: 41.20 ug/ml



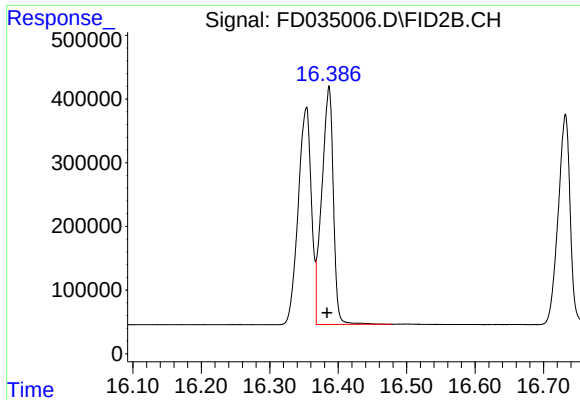
#15 Chrysene (C27.41)

R.T.: 14.844 min
Delta R.T.: 0.000 min
Response: 4963958
Conc: 40.53 ug/ml



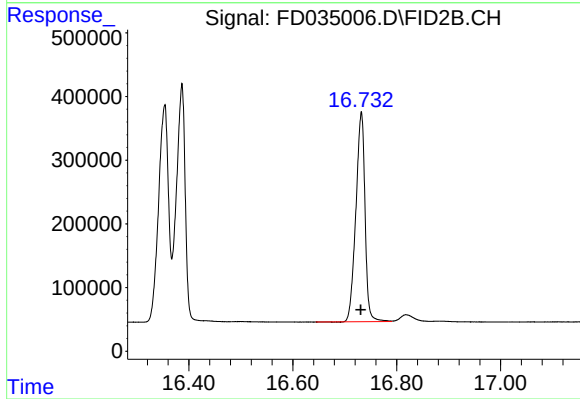
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.353 min
Delta R.T.: 0.000 min
Response: 4560680
Conc: 42.55 ug/ml



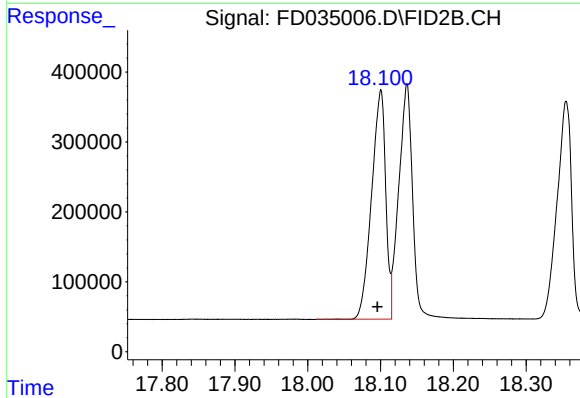
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.386 min
Delta R.T.: 0.002 min
Response: 4373922
Conc: 40.49 ug/ml



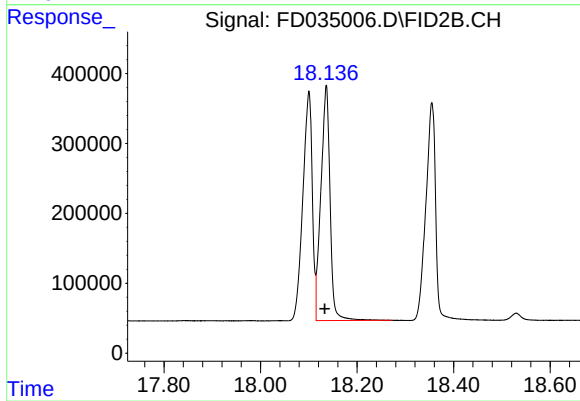
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.732 min
Delta R.T.: 0.000 min
Response: 4029117
Conc: 41.35 ug/ml



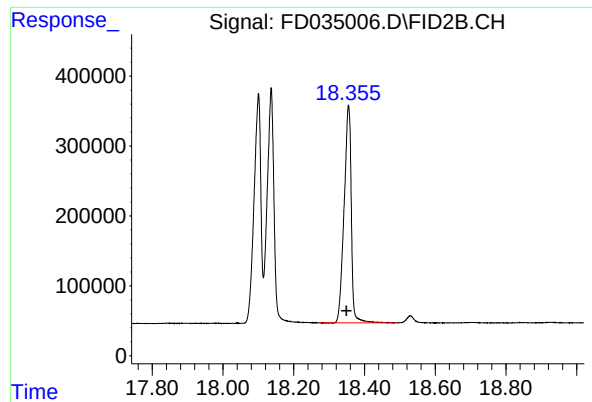
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.100 min
Delta R.T.: 0.004 min
Response: 4421608
Conc: 47.73 ug/ml



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

R.T.: 18.136 min
Delta R.T.: 0.003 min
Response: 4447794
Conc: 44.04 ug/ml



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

R.T.: 18.355 min
Delta R.T.: 0.006 min
Response: 4393187
Conc: 45.59 ug/ml