

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112421AR\
 Data File : FD039645.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 17:40
 Operator : AJ\MA
 Sample : PB141005BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 00:17:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 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...	7.744	5217857	46.637 ug/ml
Spiked Amount 50.000		Recovery =	93.27%
6) S 2-Fluorobiphenyl (SURR)	8.614	3593590	47.917 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.83%
11) S ortho-Terphenyl (SURR)	11.658	5420235	43.825 ug/ml
Spiked Amount 50.000		Recovery =	87.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	3894423	31.443 ug/ml
2) T Naphthalene (C11.7)	6.079	4516662	35.319 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	4481552	34.493 ug/ml
5) T Acenaphthylene (C15.06)	8.416	4792939	39.917 ug/ml
7) T Acenaphthene (C15.5)	8.712	5101819	40.061 ug/ml
8) T Fluorene (C16.55)	9.495	5089697	41.434 ug/ml
9) T Phenanthrene (C19.36)	10.898	5398380	45.007 ug/ml
10) T Anthracene (C19.43)	10.973	5295825	44.215 ug/ml
12) T Fluoranthene (C21.85)	12.716	5439640	45.630 ug/ml
13) T Pyrene (C20.8)	13.014	5337608	46.945 ug/ml
14) T Benzo[a]anthracene (C...	14.888	4832483	49.440 ug/ml
15) T Chrysene (C27.41)	14.931	5412706	47.543 ug/ml
16) T benzo[b]fluoranthene ...	16.443	4726956	48.050 ug/ml
17) T Bnezo[k]fluoranthene ...	16.476	4738380	44.776 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.824	4536398	47.069 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.228	4414394	47.357 ug/ml
20) T Dibenz[a,h]anthracene...	18.228	4414394	43.100 ug/ml
21) T Benzo[g,h,i]perylene ...	18.448	4375199	44.263 ug/ml

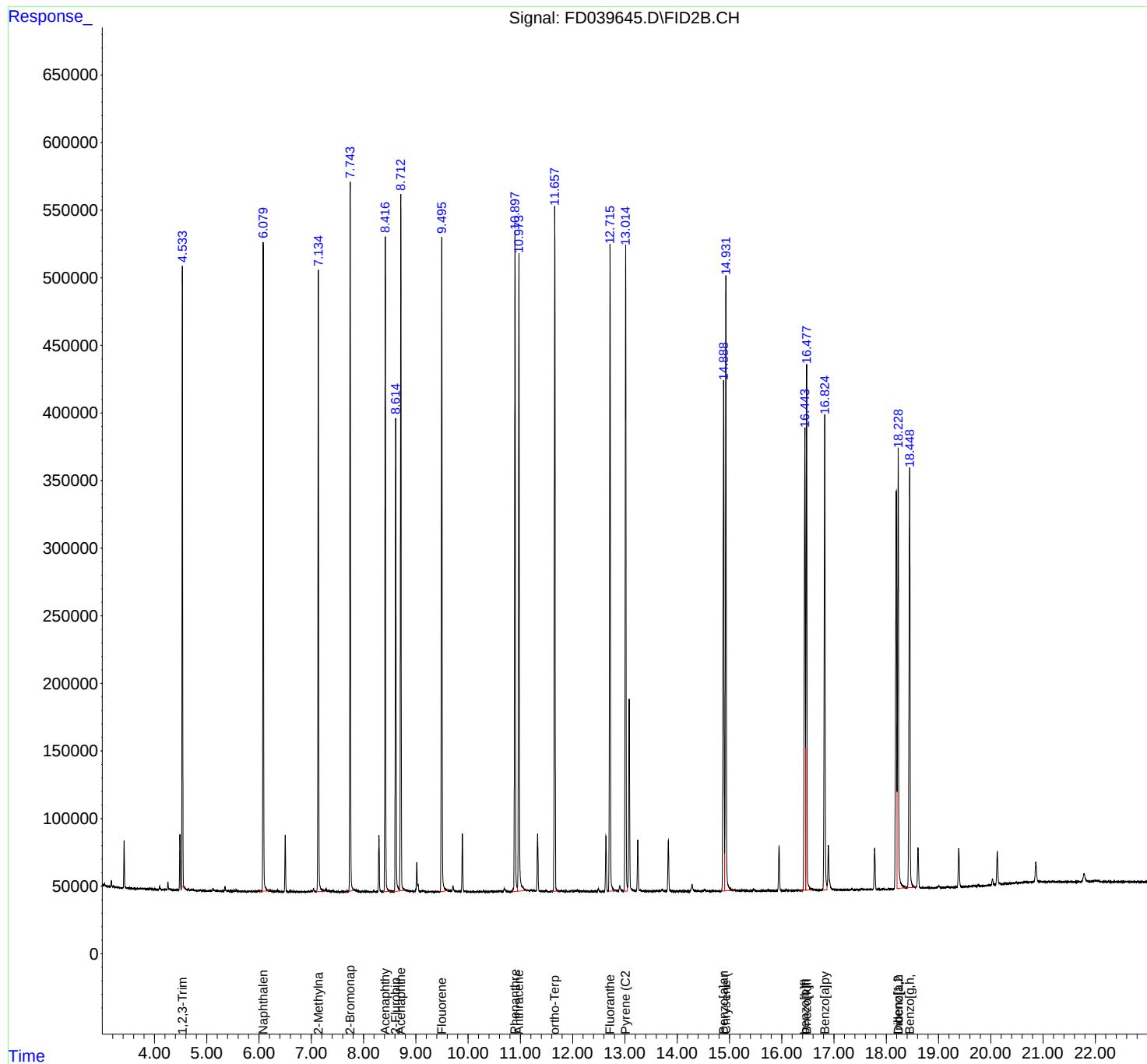
(f)=RT Delta > 1/2 Window

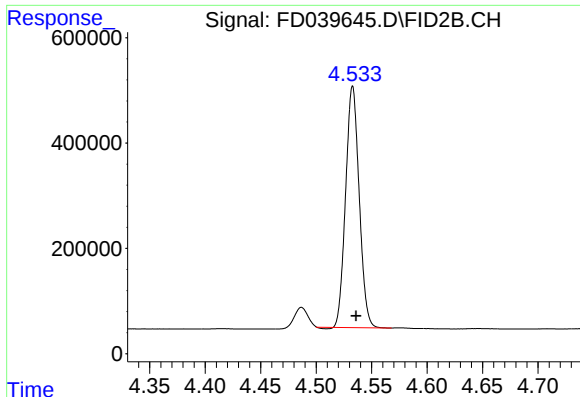
(m)=manual int.

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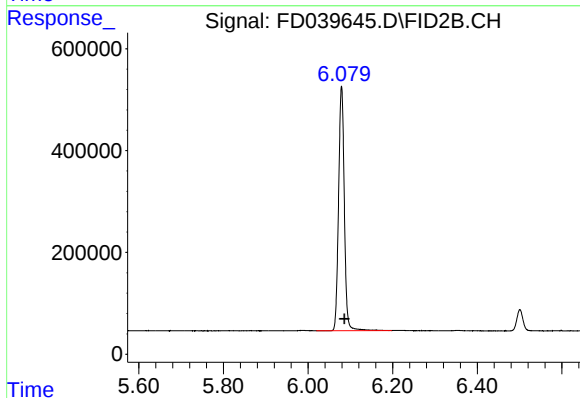
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Signal Info : 20M x 0.18mm x 0.18µm





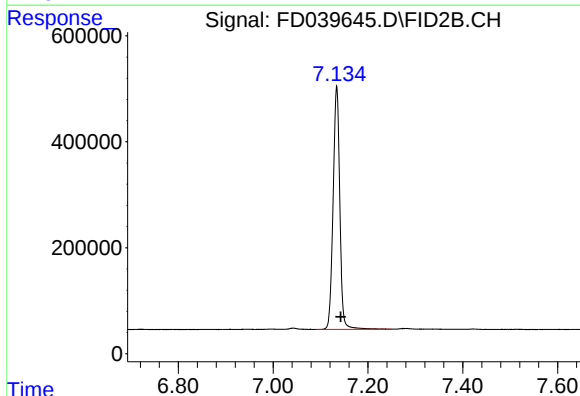
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 3894423
Conc: 31.44 ug/ml



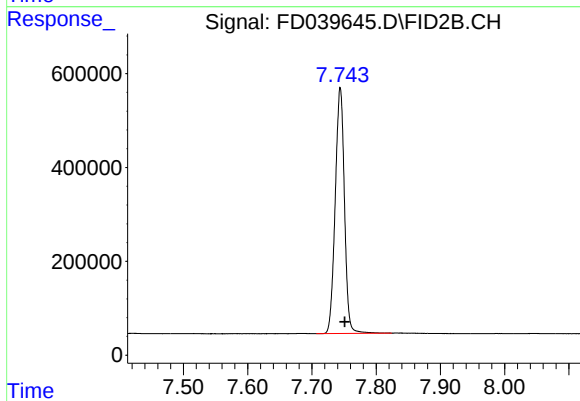
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.007 min
Response: 4516662
Conc: 35.32 ug/ml



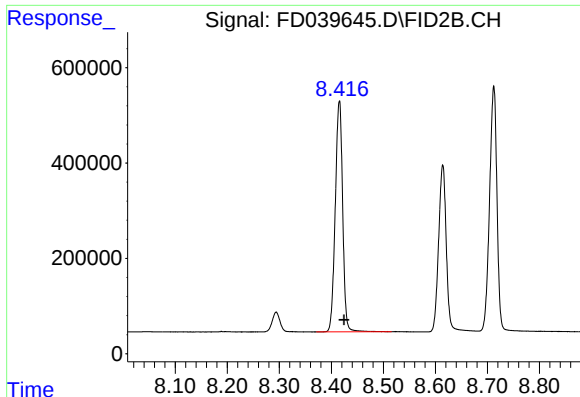
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.008 min
Response: 4481552
Conc: 34.49 ug/ml



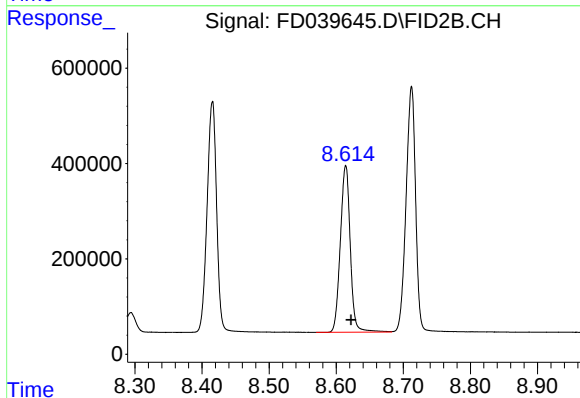
#4 2-Bromonaphthalene (SURR)

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 5217857
Conc: 46.64 ug/ml



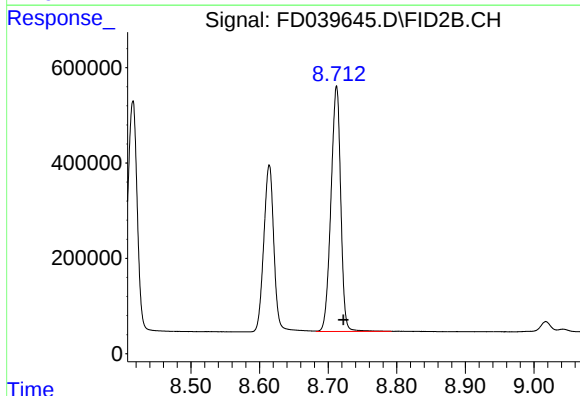
#5 Acenaphthylene (C15.06)

R.T.: 8.416 min
Delta R.T.: -0.009 min
Response: 4792939
Conc: 39.92 ug/ml



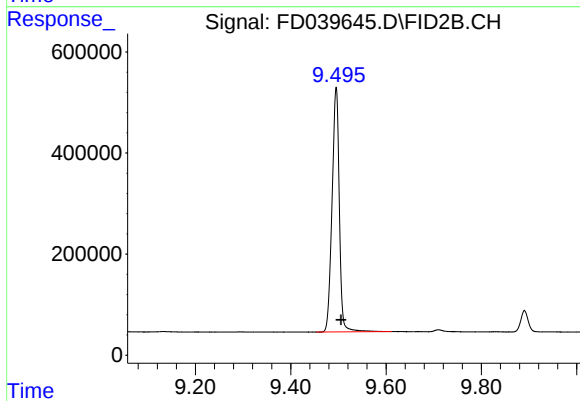
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.008 min
Response: 3593590
Conc: 47.92 ug/ml



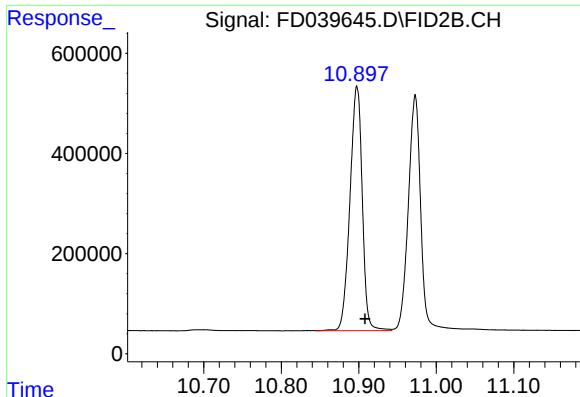
#7 Acenaphthene (C15.5)

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 5101819
Conc: 40.06 ug/ml



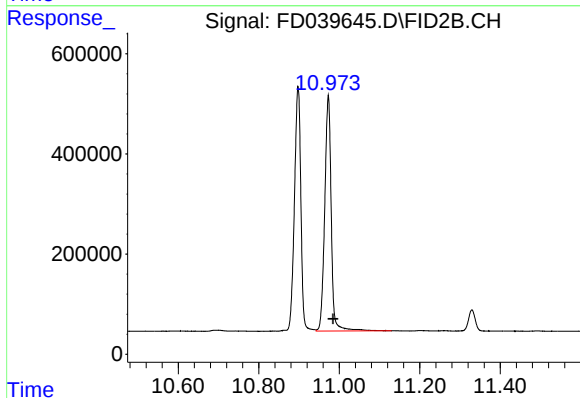
#8 Fluorene (C16.55)

R.T.: 9.495 min
Delta R.T.: -0.010 min
Response: 5089697
Conc: 41.43 ug/ml



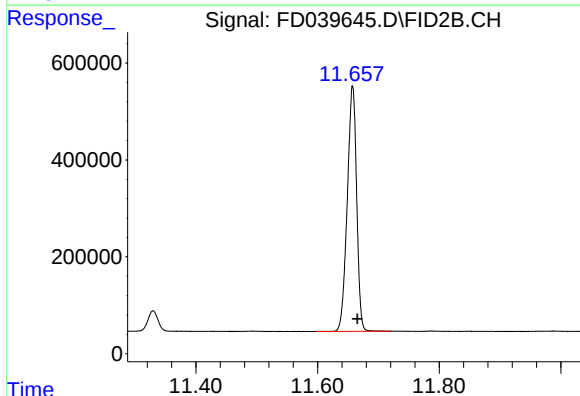
#9 Phenanthrene (C19.36)

R.T.: 10.898 min
Delta R.T.: -0.011 min
Response: 5398380
Conc: 45.01 ug/ml



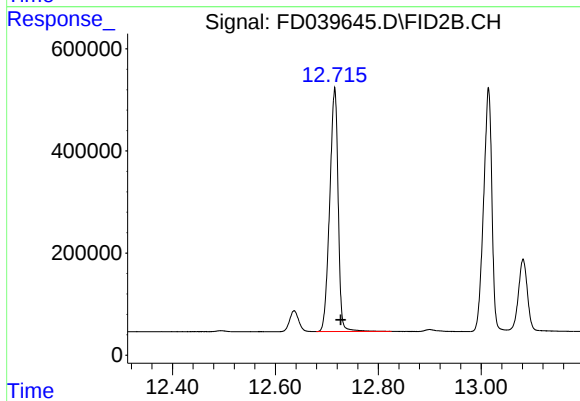
#10 Anthracene (C19.43)

R.T.: 10.973 min
Delta R.T.: -0.012 min
Response: 5295825
Conc: 44.21 ug/ml



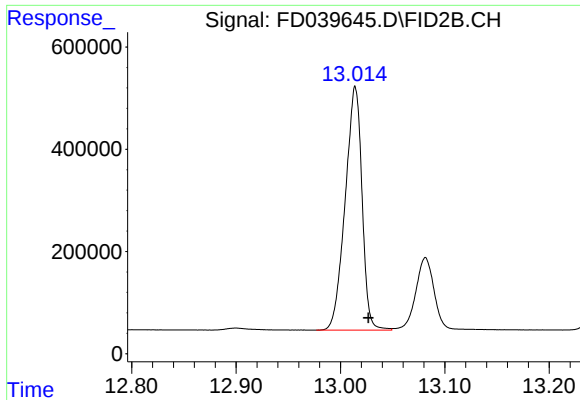
#11 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.008 min
Response: 5420235
Conc: 43.83 ug/ml



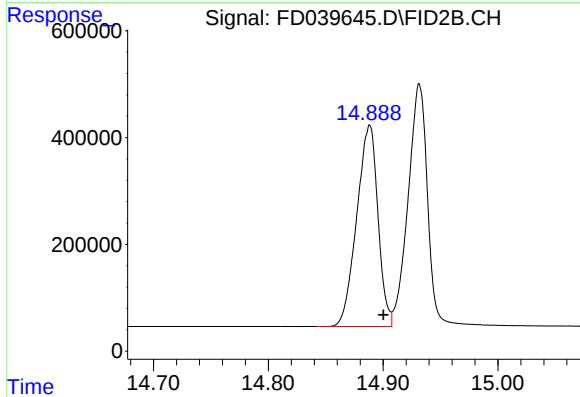
#12 Fluoranthene (C21.85)

R.T.: 12.716 min
Delta R.T.: -0.011 min
Response: 5439640
Conc: 45.63 ug/ml



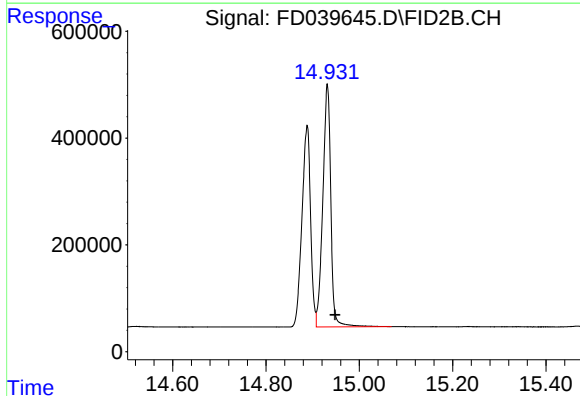
#13 Pyrene (C20.8)

R.T.: 13.014 min
Delta R.T.: -0.013 min
Response: 5337608
Conc: 46.95 ug/ml



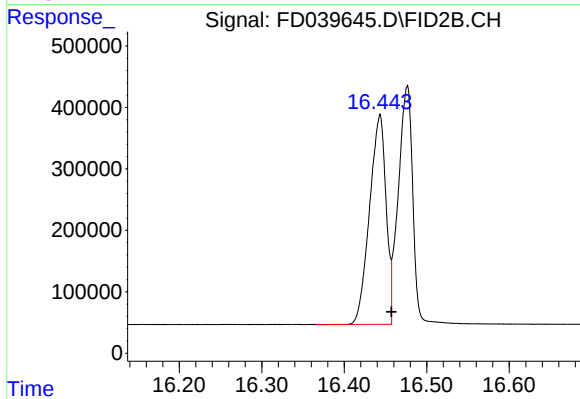
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min
Delta R.T.: -0.012 min
Response: 4832483
Conc: 49.44 ug/ml



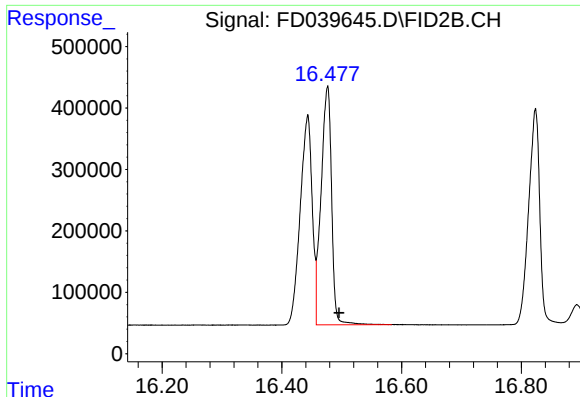
#15 Chrysene (C27.41)

R.T.: 14.931 min
Delta R.T.: -0.017 min
Response: 5412706
Conc: 47.54 ug/ml



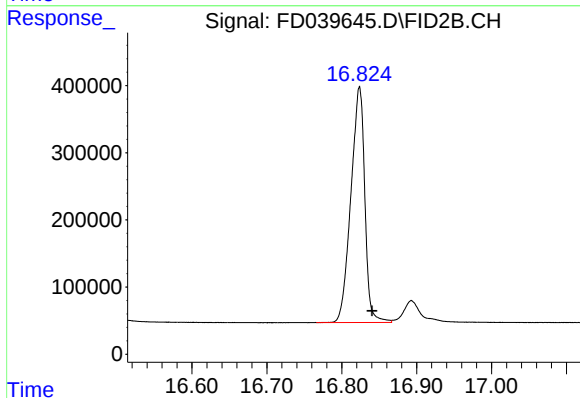
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.443 min
Delta R.T.: -0.014 min
Response: 4726956
Conc: 48.05 ug/ml



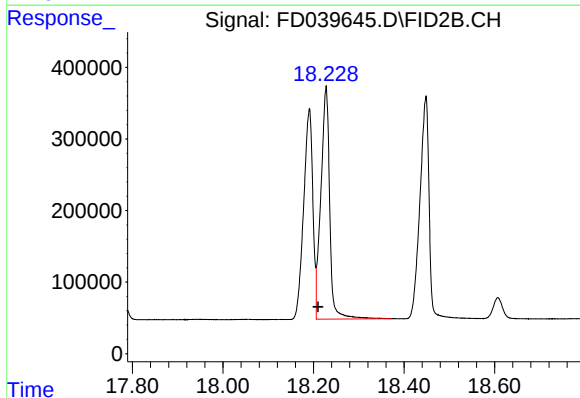
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.476 min
Delta R.T.: -0.019 min
Response: 4738380
Conc: 44.78 ug/ml



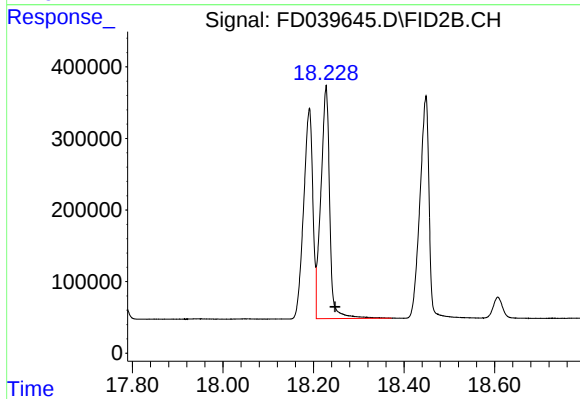
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.824 min
Delta R.T.: -0.017 min
Response: 4536398
Conc: 47.07 ug/ml



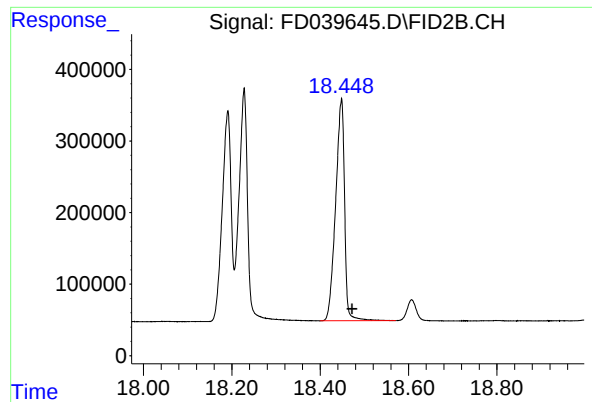
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.228 min
Delta R.T.: 0.017 min
Response: 4414394
Conc: 47.36 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.020 min
Response: 4414394
Conc: 43.10 ug/ml



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

R.T.: 18.448 min
Delta R.T.: -0.024 min
Response: 4375199
Conc: 44.26 ug/ml