

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014056.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 16:45
 Operator : YP\AJ
 Sample : P1187-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 83 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 02:44:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:40:50 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.923	6194471	53.255 ug/ml
Spiked Amount 50.000		Recovery =	106.51%
6) S 2-Fluorobiphenyl (SURR)	8.794	3872802	52.667 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.33%
11) S ortho-Terphenyl (SURR)	11.857	6652199	44.586 ug/ml
Spiked Amount 50.000		Recovery =	89.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	583935	4.663 ug/ml
2) T Naphthalene (C11.7)	6.201	599799	4.757 ug/ml
3) T 2-Methylnaphthalene (...)	7.294	602483	4.746 ug/ml
5) T Acenaphthylene (C15.06)	8.592	692838	5.734 ug/ml
7) T Acenaphthene (C15.5)	8.891	777023	5.840 ug/ml
8) T Flouorene (C16.55)	9.680	669703	5.369 ug/ml
9) T Phenanthrene (C19.36)	11.083	606994	5.054 ug/ml
10) T Anthracene (C19.43)	11.158	665986	6.350 ug/ml
12) T Fluoranthene (C21.85)	12.901	682067	5.365 ug/ml
13) T Pyrene (C20.8)	13.198	679143	5.510 ug/ml
14) T Benzo[a]anthracene (C...	15.081	508669	5.114 ug/ml
15) T Chrysene (C27.41)	15.121	846862	6.517 ug/ml
16) T benzo[b]fluoranthene ...	16.637	536639	4.997 ug/ml
17) T Bnezo[k]fluoranthene ...	16.668	775705	6.142 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.021	600623	5.446 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.393	458768	5.008 ug/ml
20) T Dibenz[a,h]anthracene...	18.435	787917	6.101 ug/ml
21) T Benzo[g,h,i]perylene ...	18.642	646468	5.552 ug/ml

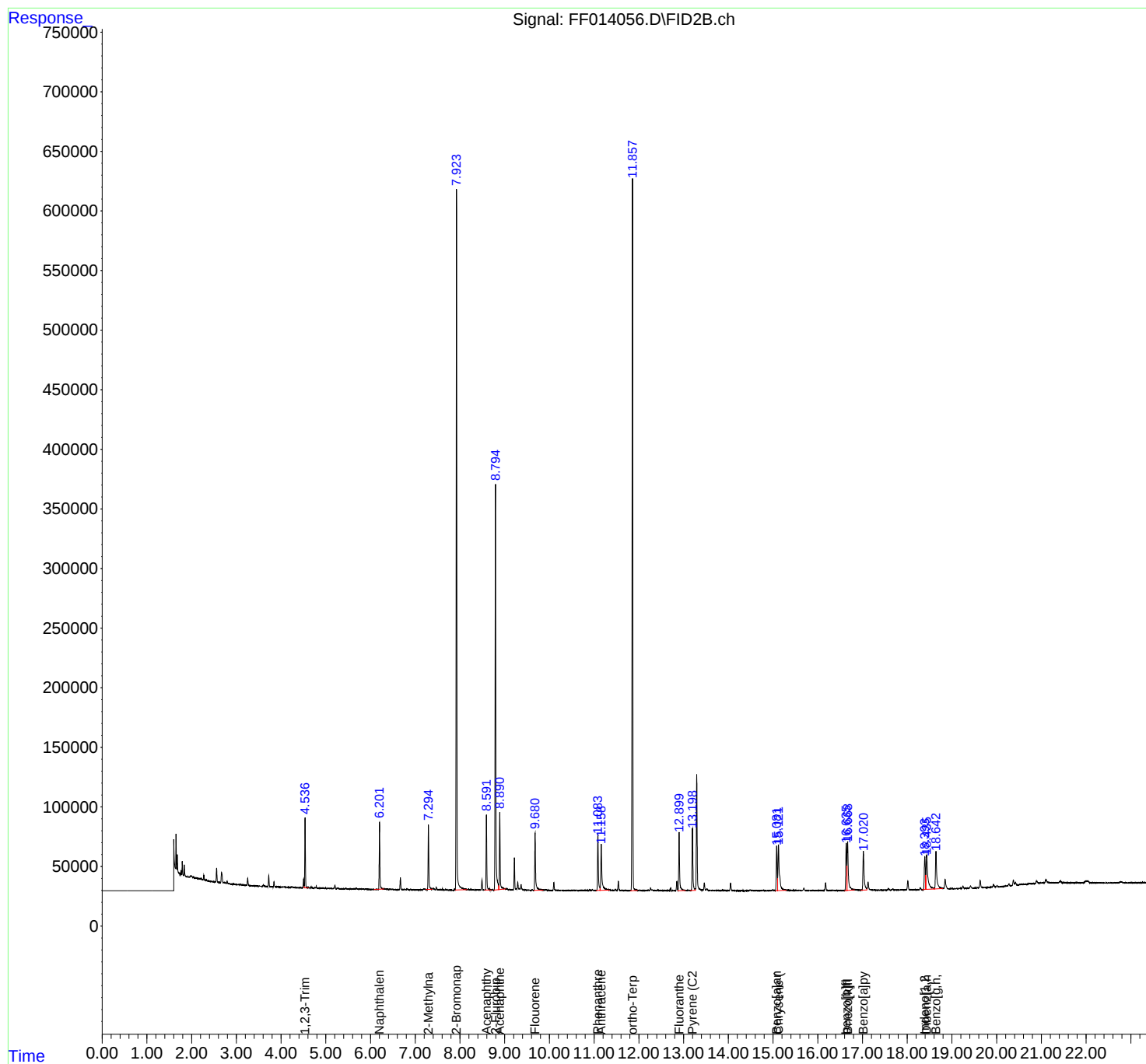
(f)=RT Delta > 1/2 Window

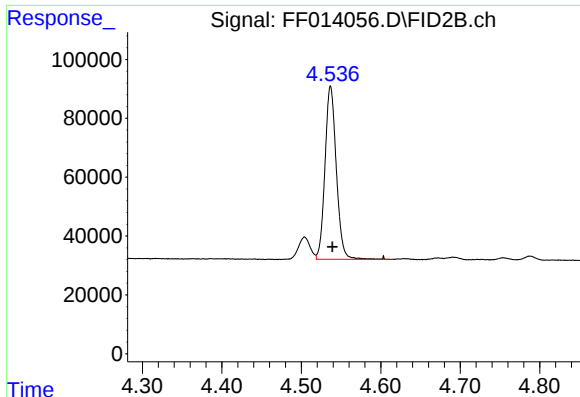
(m)=manual int.

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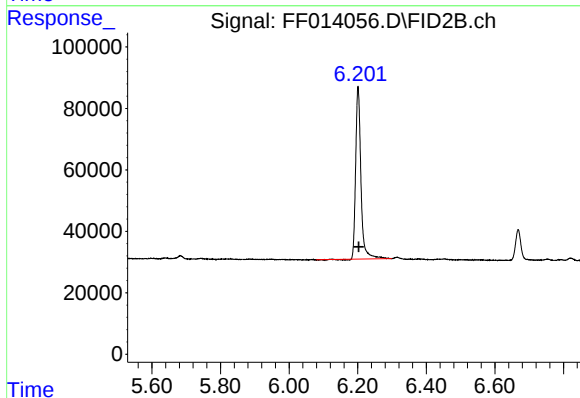
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Signal Info : 20M x 0.18mm x 0.18µm





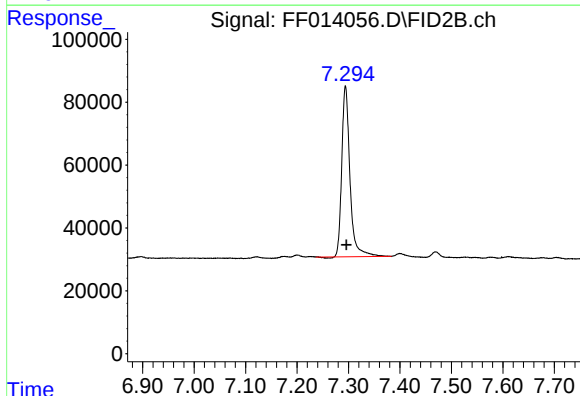
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 583935
Conc: 4.66 ug/ml



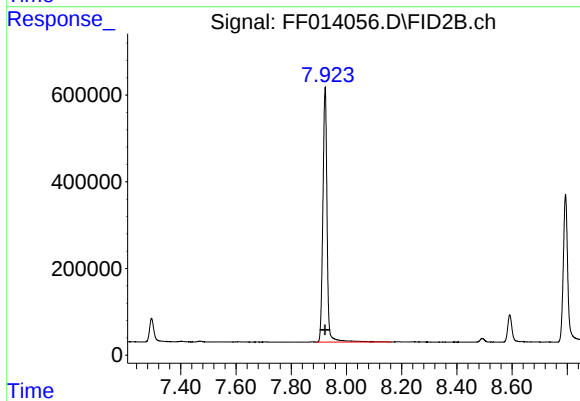
#2 Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 599799
Conc: 4.76 ug/ml



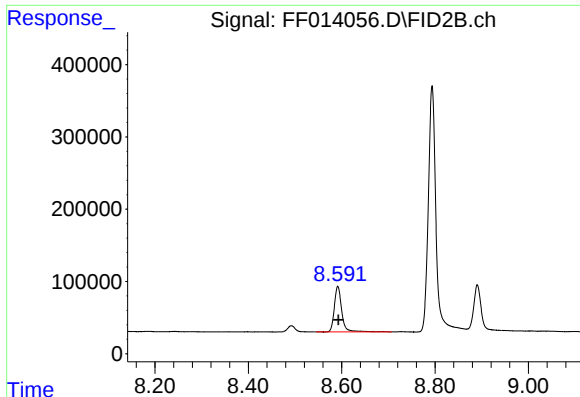
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 602483
Conc: 4.75 ug/ml



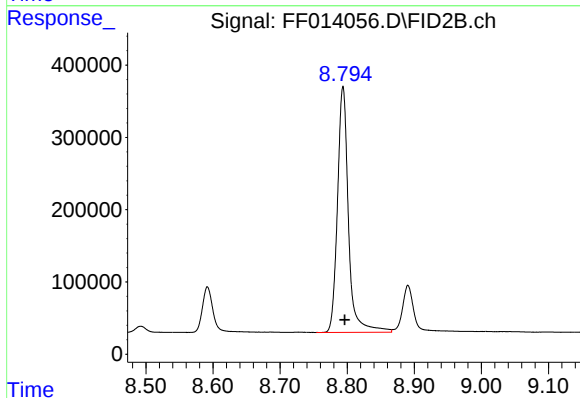
#4 2-Bromonaphthalene (SURR)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 6194471
Conc: 53.26 ug/ml



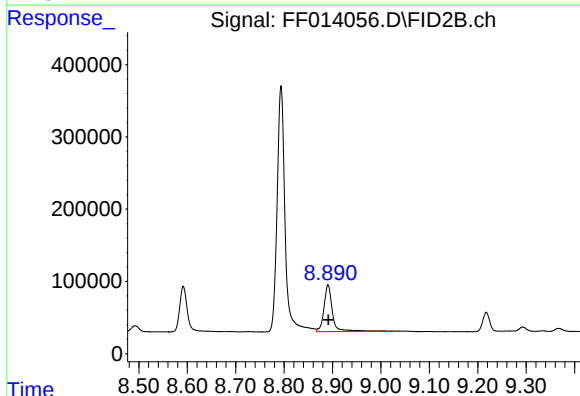
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: -0.001 min
Response: 692838
Conc: 5.73 ug/ml



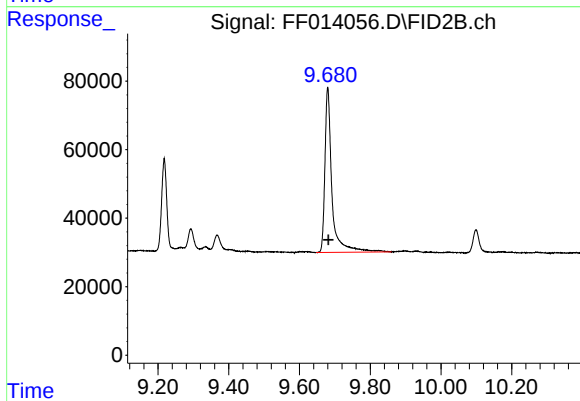
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 3872802
Conc: 52.67 ug/ml



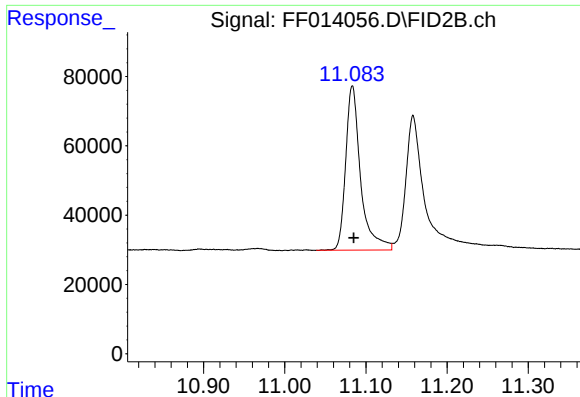
#7 Acenaphthene (C15.5)

R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 777023
Conc: 5.84 ug/ml



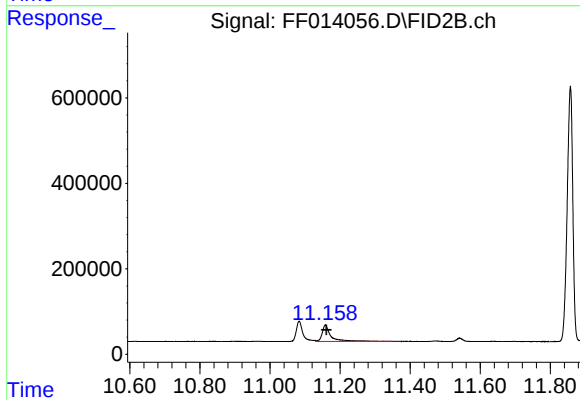
#8 Fluorene (C16.55)

R.T.: 9.680 min
Delta R.T.: -0.001 min
Response: 669703
Conc: 5.37 ug/ml



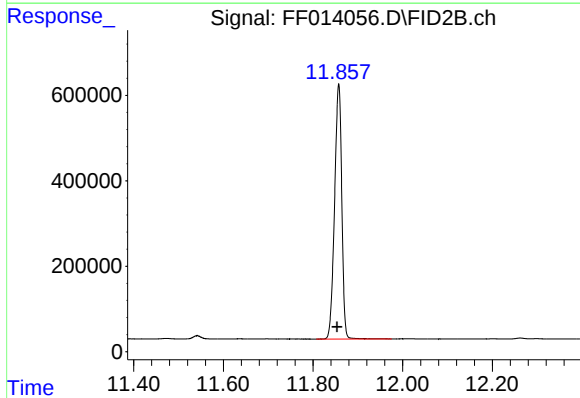
#9 Phenanthrene (C19.36)

R.T.: 11.083 min
Delta R.T.: -0.002 min
Response: 606994
Conc: 5.05 ug/ml



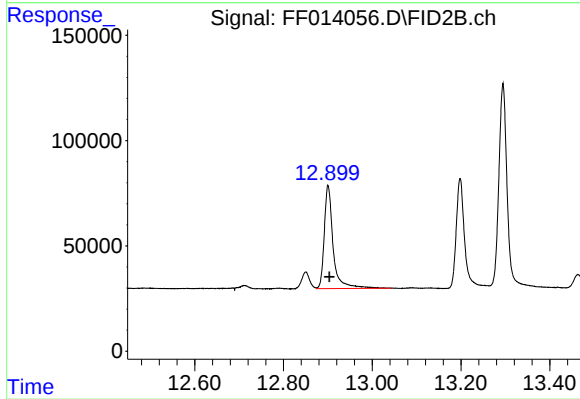
#10 Anthracene (C19.43)

R.T.: 11.158 min
Delta R.T.: -0.003 min
Response: 665986
Conc: 6.35 ug/ml



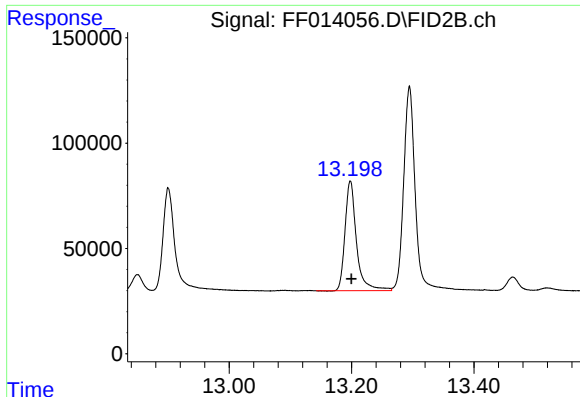
#11 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: 0.003 min
Response: 6652199
Conc: 44.59 ug/ml



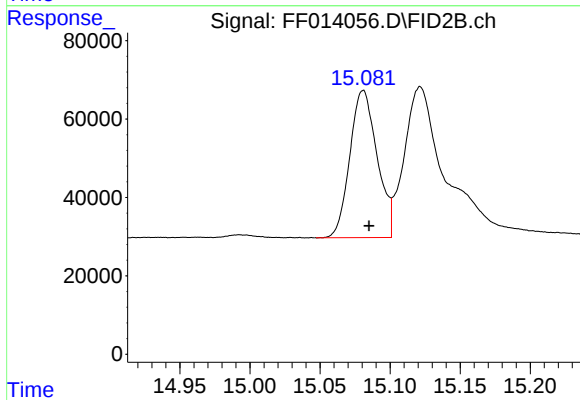
#12 Fluoranthene (C21.85)

R.T.: 12.901 min
Delta R.T.: -0.003 min
Response: 682067
Conc: 5.36 ug/ml



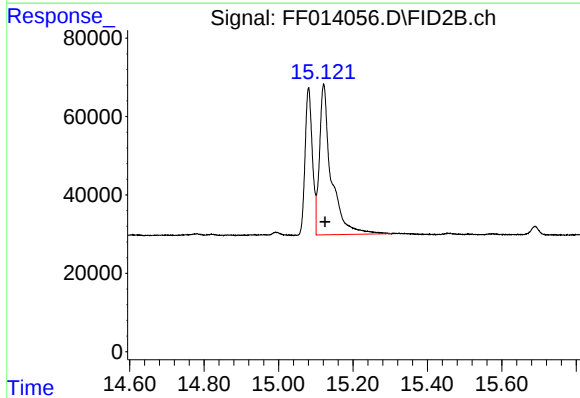
#13 Pyrene (C20.8)

R.T.: 13.198 min
Delta R.T.: -0.002 min
Response: 679143
Conc: 5.51 ug/ml



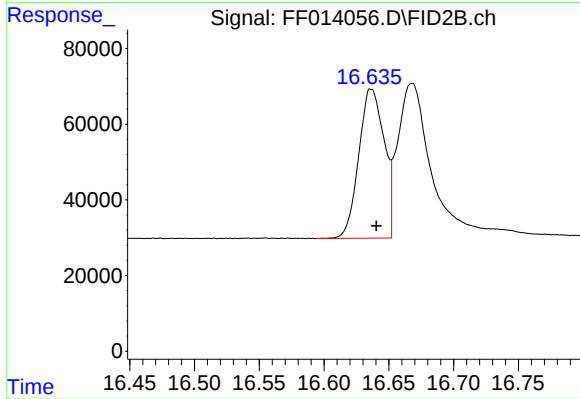
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.081 min
Delta R.T.: -0.004 min
Response: 508669
Conc: 5.11 ug/ml



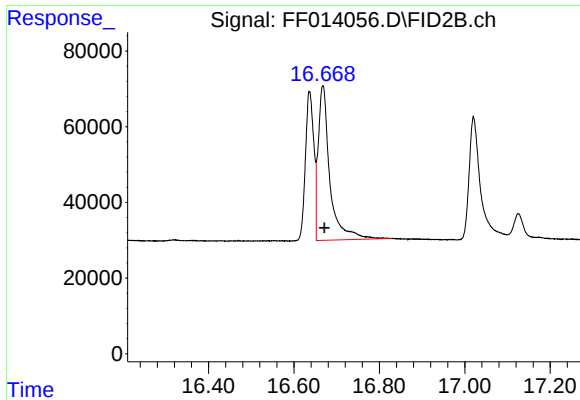
#15 Chrysene (C27.41)

R.T.: 15.121 min
Delta R.T.: -0.004 min
Response: 846862
Conc: 6.52 ug/ml



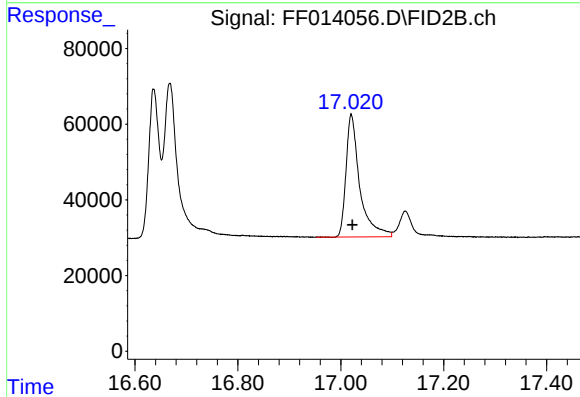
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.637 min
Delta R.T.: -0.004 min
Response: 536639
Conc: 5.00 ug/ml



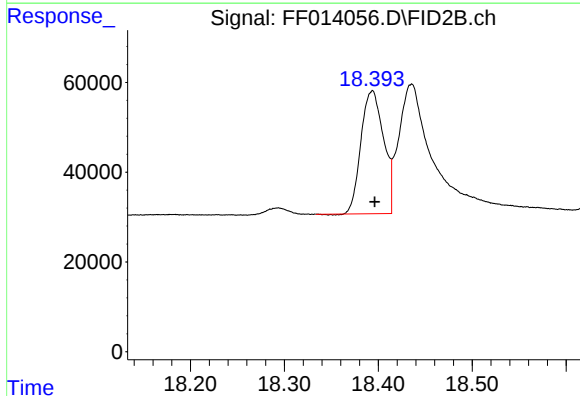
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.668 min
Delta R.T.: -0.003 min
Response: 775705
Conc: 6.14 ug/ml



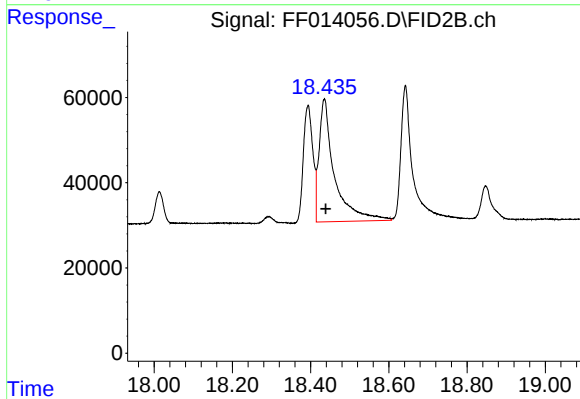
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.021 min
Delta R.T.: -0.002 min
Response: 600623
Conc: 5.45 ug/ml



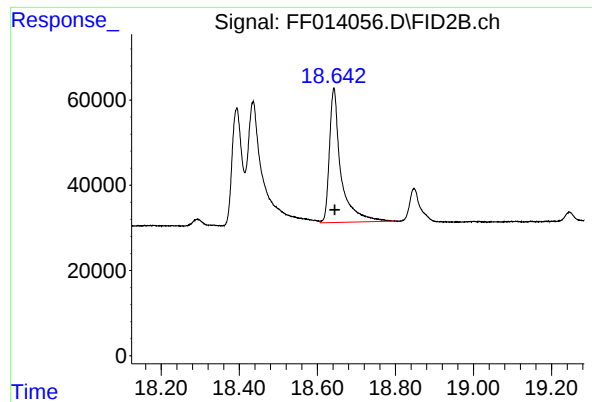
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.393 min
Delta R.T.: -0.003 min
Response: 458768
Conc: 5.01 ug/ml



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

R.T.: 18.435 min
Delta R.T.: -0.004 min
Response: 787917
Conc: 6.10 ug/ml



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

R.T.: 18.642 min
Delta R.T.: -0.002 min
Response: 646468
Conc: 5.55 ug/ml