

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014045.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 11:17
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 11:40:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:39:55 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	497191	4.274 ug/ml
Spiked Amount 50.000		Recovery =	8.55%
6) S 2-Fluorobiphenyl (SURR)	8.796	279828	3.805 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.61%
11) S ortho-Terphenyl (SURR)	11.854	729890	4.892 ug/ml
Spiked Amount 50.000		Recovery =	9.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	608843	4.862 ug/ml
2) T Naphthalene (C11.7)	6.203	561415	4.452 ug/ml
3) T 2-Methylnaphthalene (...)	7.296	546059	4.302 ug/ml
5) T Acenaphthylene (C15.06)	8.593	542682	4.491 ug/ml
7) T Acenaphthene (C15.5)	8.892	623734	4.688 ug/ml
8) T Flouorene (C16.55)	9.682	554978	4.450 ug/ml
9) T Phenanthrene (C19.36)	11.085	508506	4.234 ug/ml
10) T Anthracene (C19.43)	11.161	530299	5.056 ug/ml
12) T Fluoranthene (C21.85)	12.903	571947	4.498 ug/ml
13) T Pyrene (C20.8)	13.200	584209	4.740 ug/ml
14) T Benzo[a]anthracene (C...	15.085	378554	3.806 ug/ml
15) T Chrysene (C27.41)	15.125	686018	5.279 ug/ml
16) T benzo[b]fluoranthene ...	16.640	434478	4.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.671	677194	5.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.023	542523	4.919 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.396	372519	4.066 ug/ml
20) T Dibenz[a,h]anthracene...	18.439	769128	5.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.644	585179	5.025 ug/ml

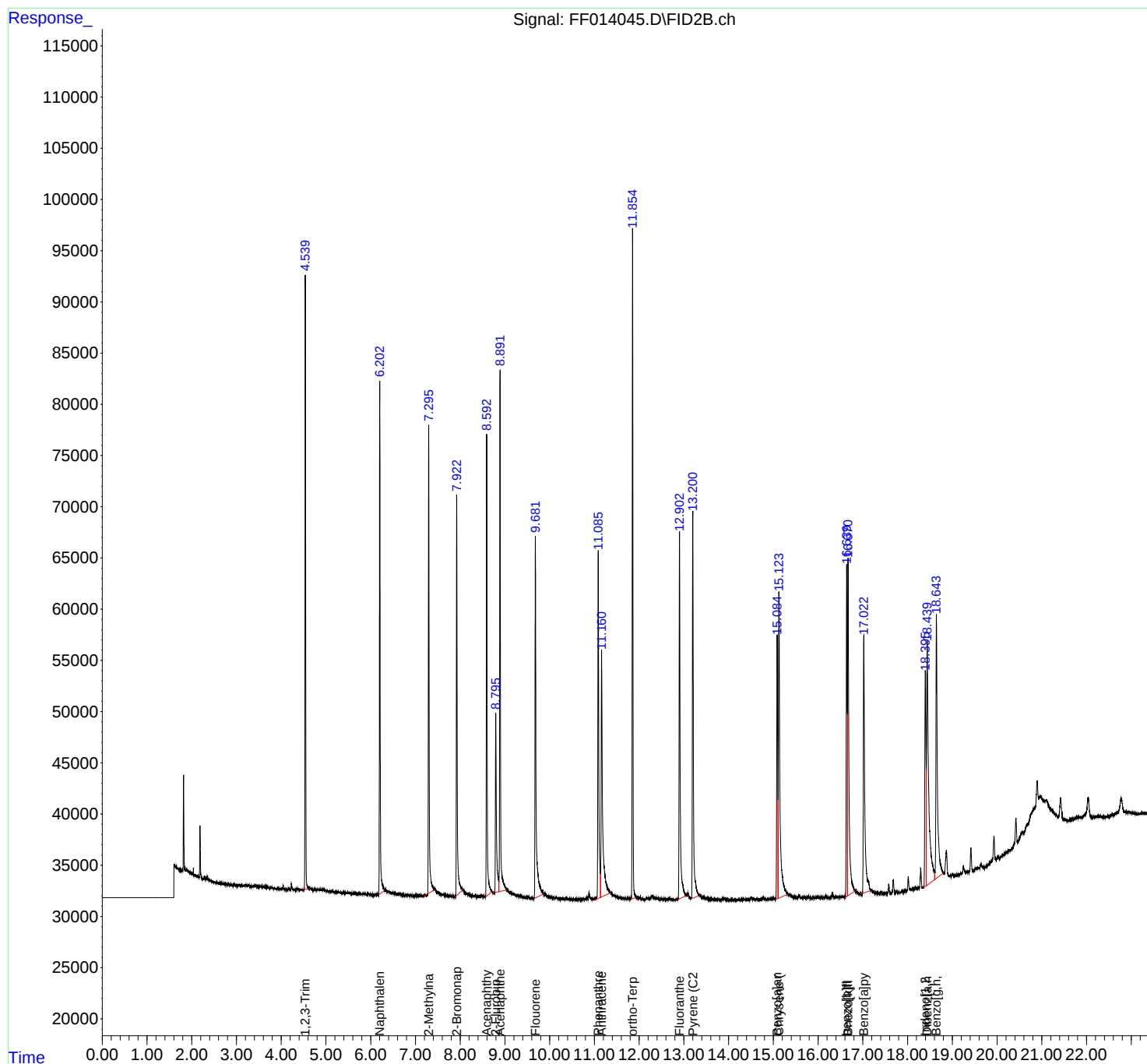
(f)=RT Delta > 1/2 Window

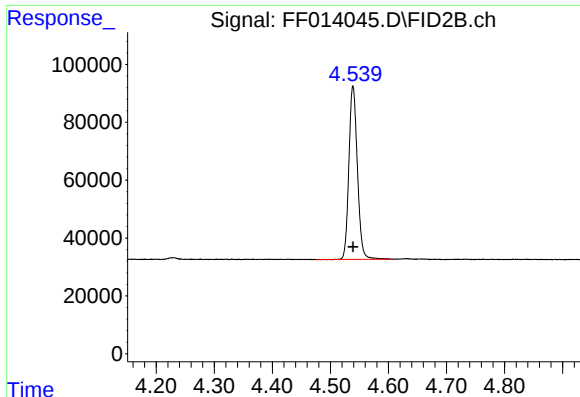
(m)=manual int.

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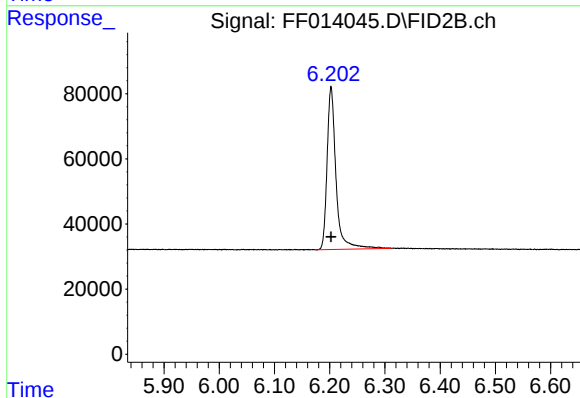
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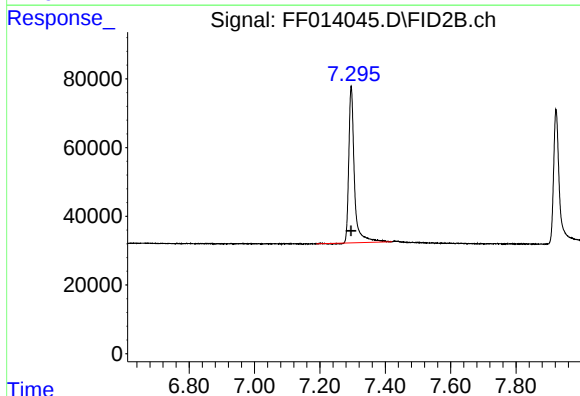
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 608843
Conc: 4.86 ug/ml



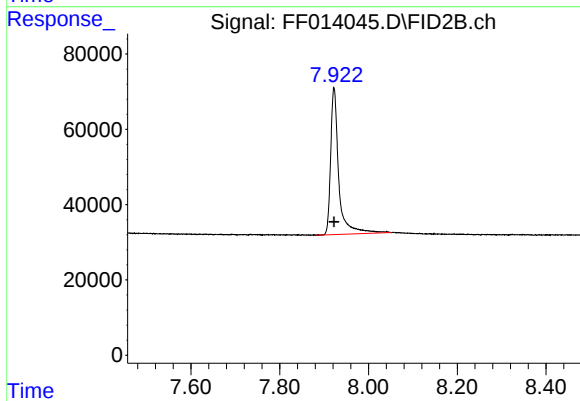
#2 Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 561415
Conc: 4.45 ug/ml



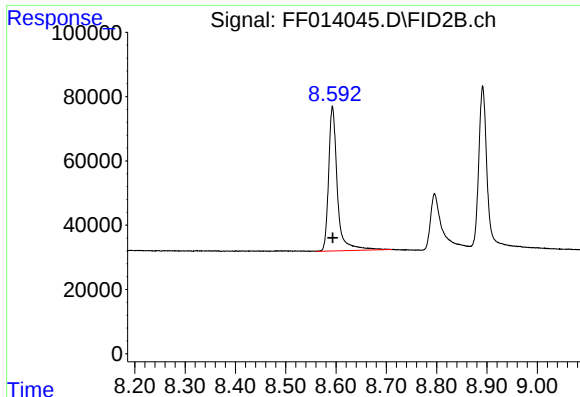
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 546059
Conc: 4.30 ug/ml



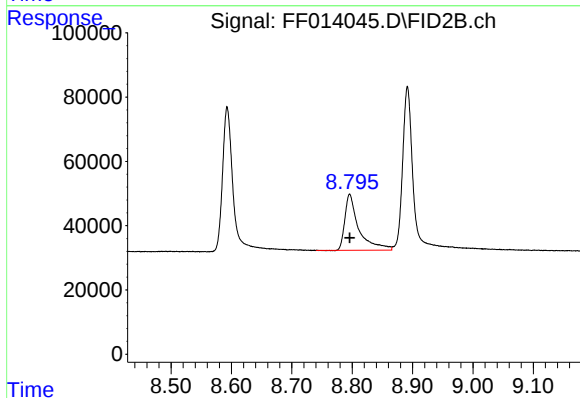
#4 2-Bromonaphthalene (SURR)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 497191
Conc: 4.27 ug/ml



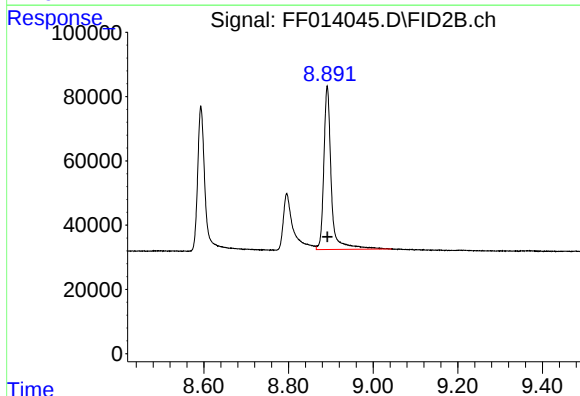
#5 Acenaphthylene (C15.06)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 542682
Conc: 4.49 ug/ml



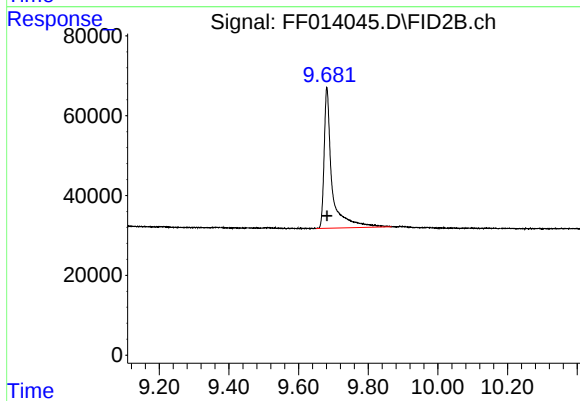
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 279828
Conc: 3.81 ug/ml



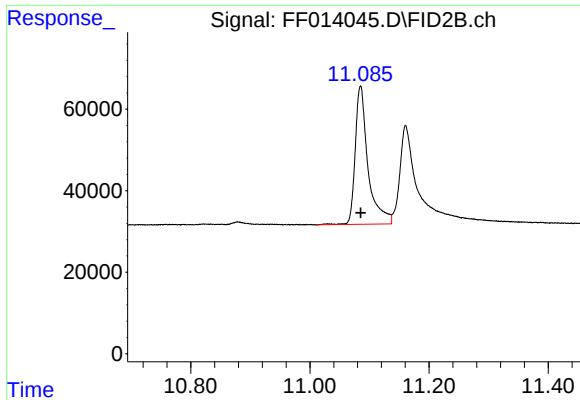
#7 Acenaphthene (C15.5)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 623734
Conc: 4.69 ug/ml



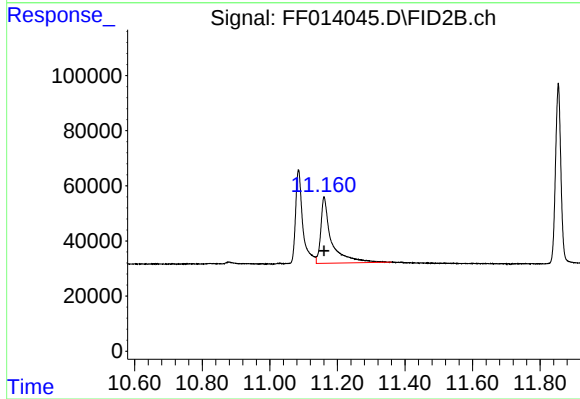
#8 Fluorene (C16.55)

R.T.: 9.682 min
Delta R.T.: 0.000 min
Response: 554978
Conc: 4.45 ug/ml



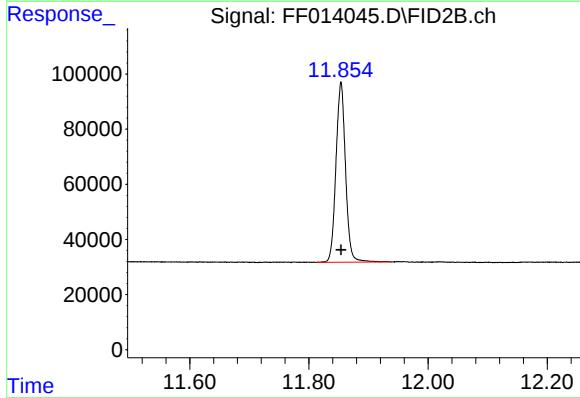
#9 Phenanthrene (C19.36)

R.T.: 11.085 min
Delta R.T.: 0.000 min
Response: 508506
Conc: 4.23 ug/ml



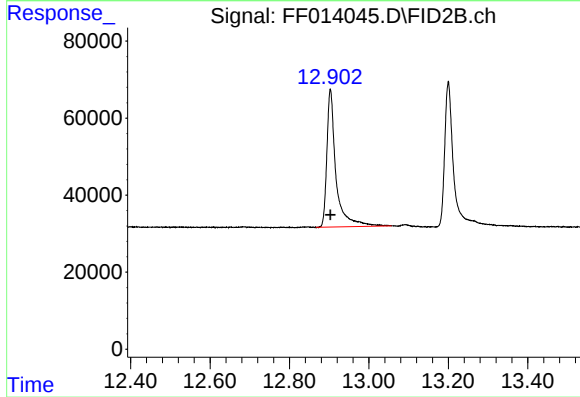
#10 Anthracene (C19.43)

R.T.: 11.161 min
Delta R.T.: 0.000 min
Response: 530299
Conc: 5.06 ug/ml



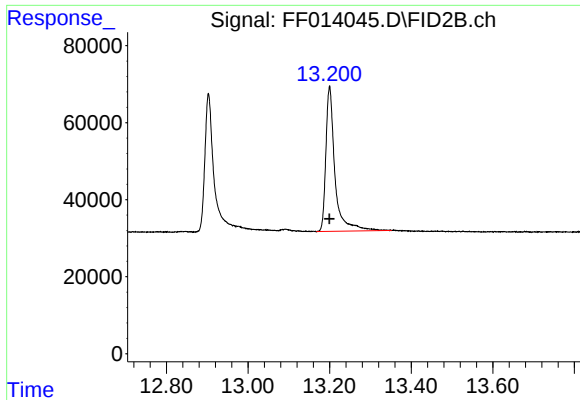
#11 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 729890
Conc: 4.89 ug/ml



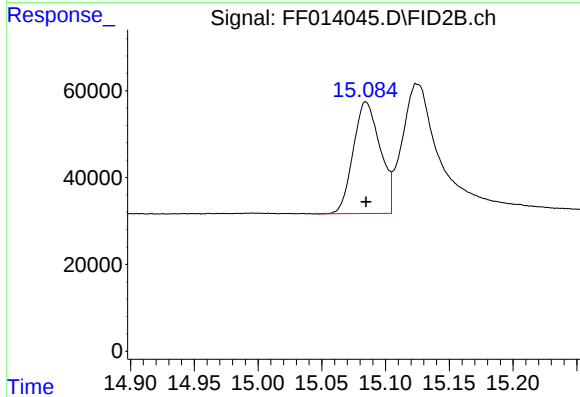
#12 Fluoranthene (C21.85)

R.T.: 12.903 min
Delta R.T.: 0.000 min
Response: 571947
Conc: 4.50 ug/ml



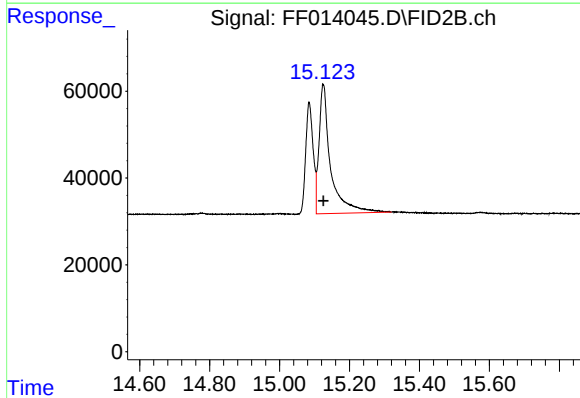
#13 Pyrene (C20.8)

R.T.: 13.200 min
Delta R.T.: 0.000 min
Response: 584209
Conc: 4.74 ug/ml



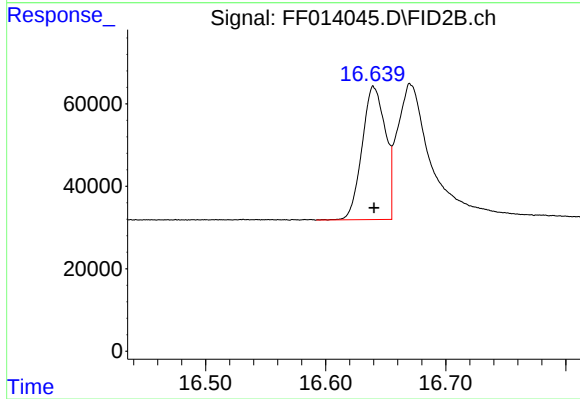
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.085 min
Delta R.T.: 0.000 min
Response: 378554
Conc: 3.81 ug/ml



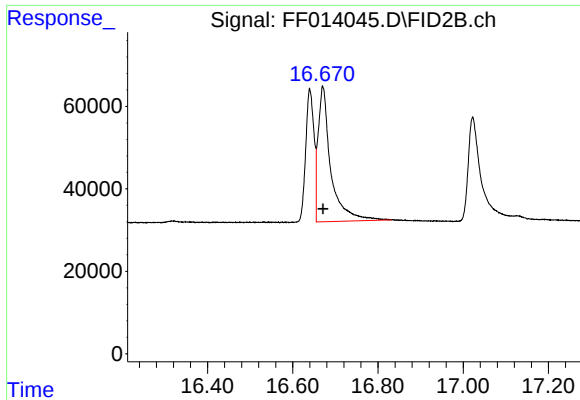
#15 Chrysene (C27.41)

R.T.: 15.125 min
Delta R.T.: 0.000 min
Response: 686018
Conc: 5.28 ug/ml



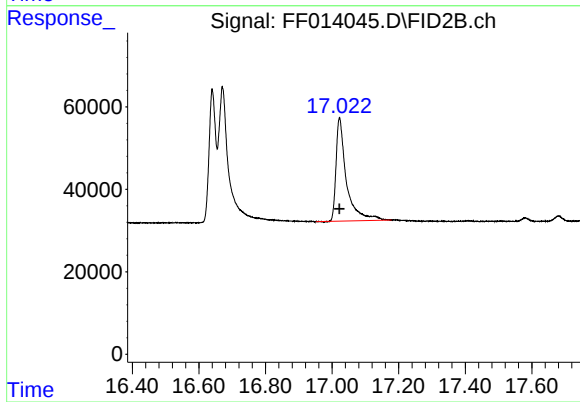
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.640 min
Delta R.T.: 0.000 min
Response: 434478
Conc: 4.05 ug/ml



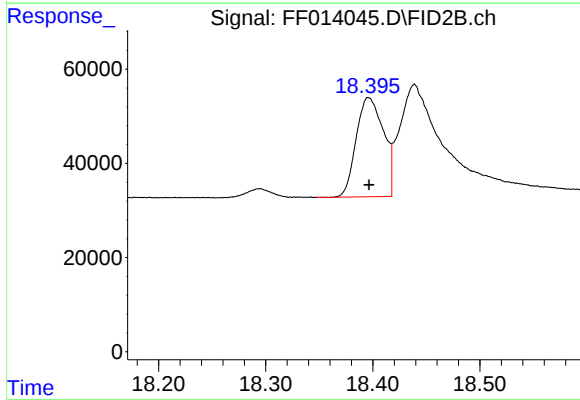
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.671 min
Delta R.T.: 0.000 min
Response: 677194
Conc: 5.36 ug/ml



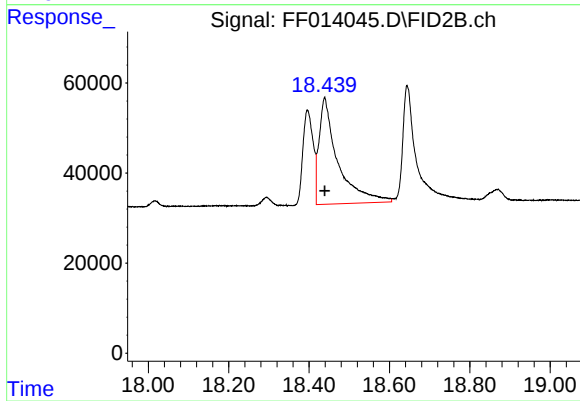
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.023 min
Delta R.T.: 0.000 min
Response: 542523
Conc: 4.92 ug/ml



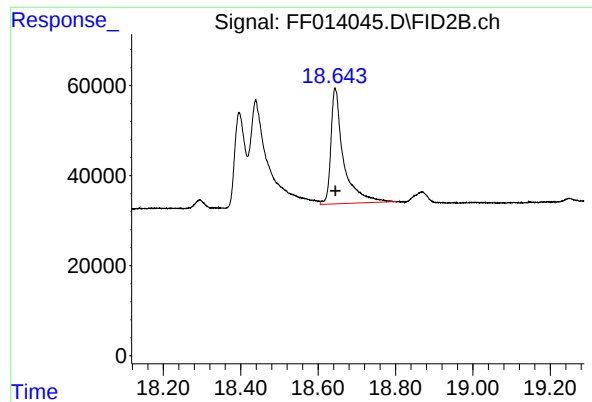
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.396 min
Delta R.T.: 0.000 min
Response: 372519
Conc: 4.07 ug/ml



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

R.T.: 18.439 min
Delta R.T.: 0.000 min
Response: 769128
Conc: 5.96 ug/ml



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

R.T.: 18.644 min
Delta R.T.: 0.000 min
Response: 585179
Conc: 5.03 ug/ml