

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022124AR\
 Data File : FF014064.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2024 10:18
 Operator : YP\AJ
 Sample : P1187-03
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 02:35:46 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	7757903	66.696 ug/ml
Spiked Amount 50.000		Recovery =	133.39%
6) S 2-Fluorobiphenyl (SURR)	8.794	4532672	61.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.28%
11) S ortho-Terphenyl (SURR)	11.859	8260462	55.366 ug/ml
Spiked Amount 50.000		Recovery =	110.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	353579	2.823 ug/ml
2) T Naphthalene (C11.7)	6.203	366114	2.903 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	381560	3.006 ug/ml
5) T Acenaphthylene (C15.06)	8.592	431131	3.568 ug/ml
7) T Acenaphthene (C15.5)	8.890	505490	3.799 ug/ml
8) T Flouorene (C16.55)	9.680	401493	3.219 ug/ml
9) T Phenanthrene (C19.36)	11.084	366800	3.054 ug/ml
10) T Anthracene (C19.43)	11.159	383198	3.654 ug/mlm
12) T Fluoranthene (C21.85)	12.901	428251	3.368 ug/ml
13) T Pyrene (C20.8)	13.199	421357	3.419 ug/ml
14) T Benzo[a]anthracene (C...	15.084	271775	2.733 ug/ml
15) T Chrysene (C27.41)	15.124	545405	4.197 ug/ml
16) T benzo[b]fluoranthene ...	16.639	297604	2.771 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.671	492405	3.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.023	349908	3.173 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.400	209041	2.282 ug/mlm
20) T Dibenz[a,h]anthracene...	18.440	436698	3.381 ug/ml
21) T Benzo[g,h,i]perylene ...	18.645	378764	3.253 ug/ml

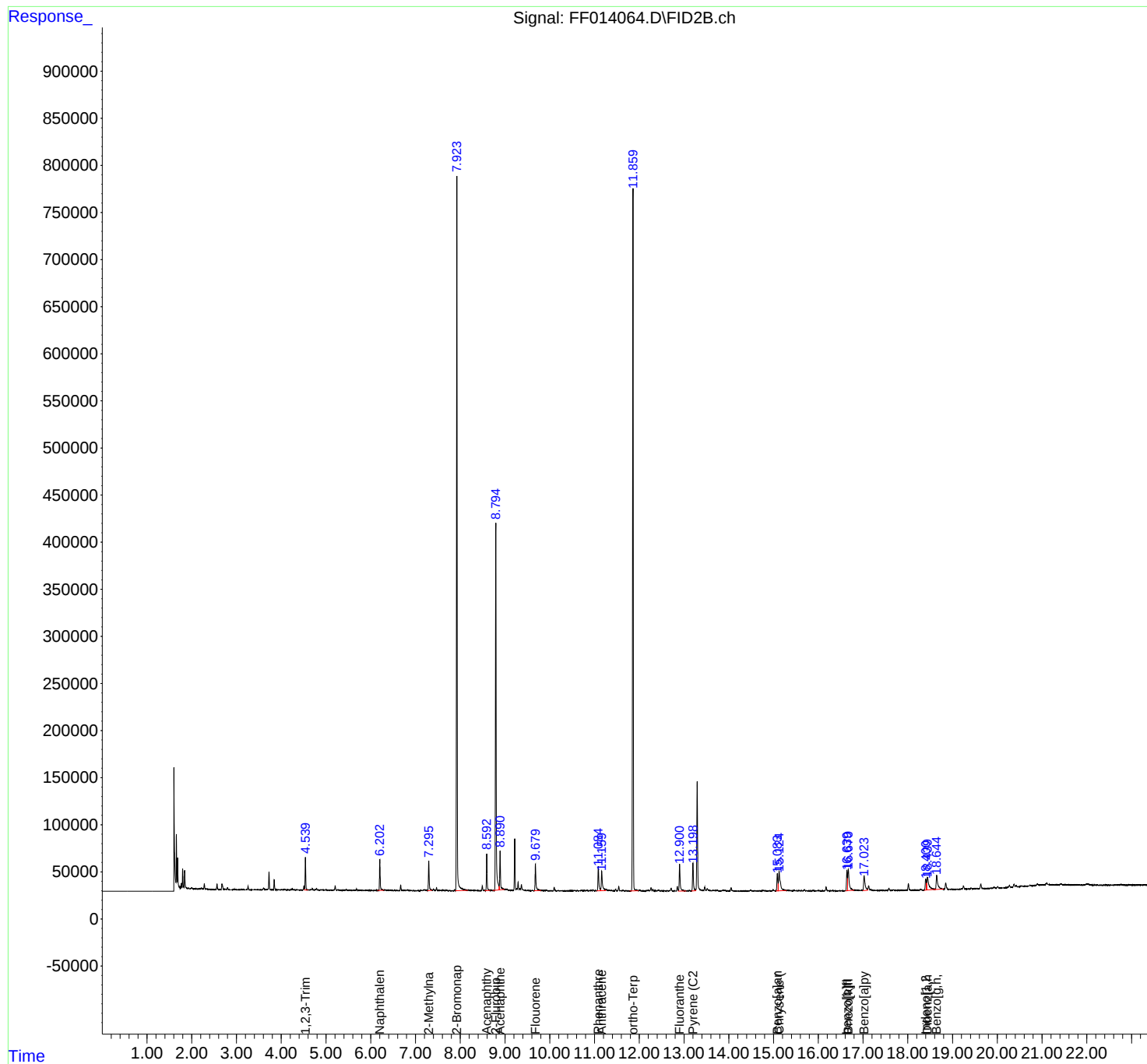
(f)=RT Delta > 1/2 Window

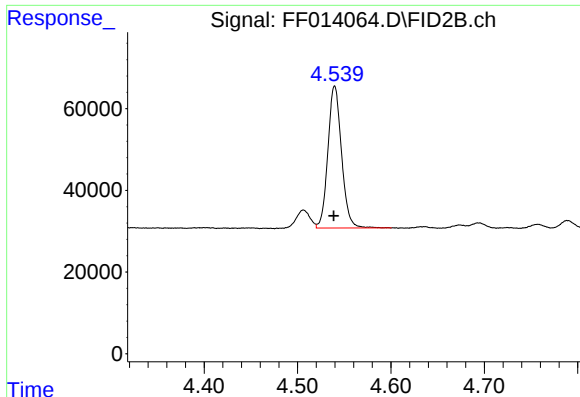
(m)=manual int.

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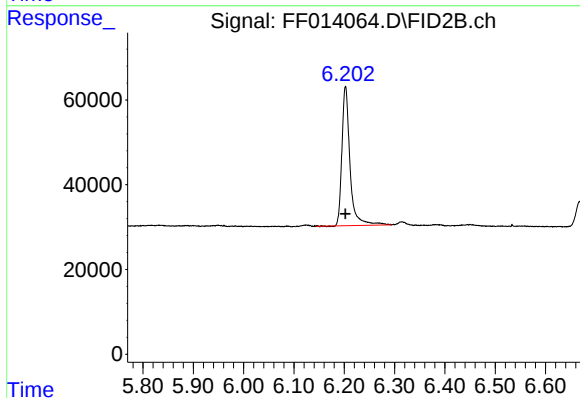
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Signal Info : 20M x 0.18mm x 0.18µm





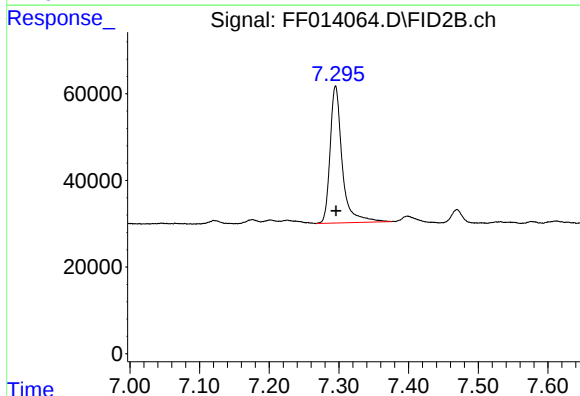
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 353579
Conc: 2.82 ug/ml



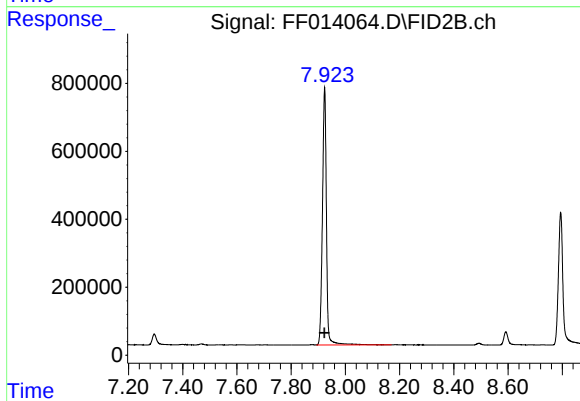
#2 Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 366114
Conc: 2.90 ug/ml



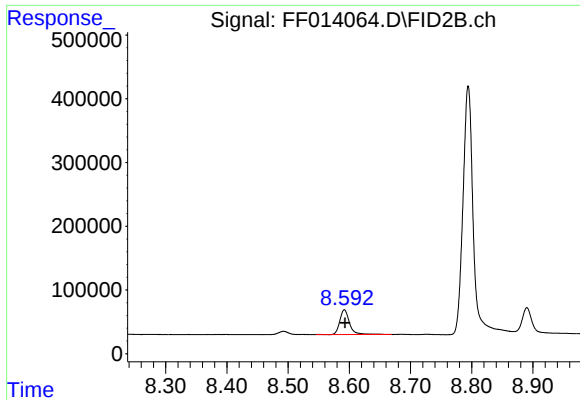
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 381560
Conc: 3.01 ug/ml



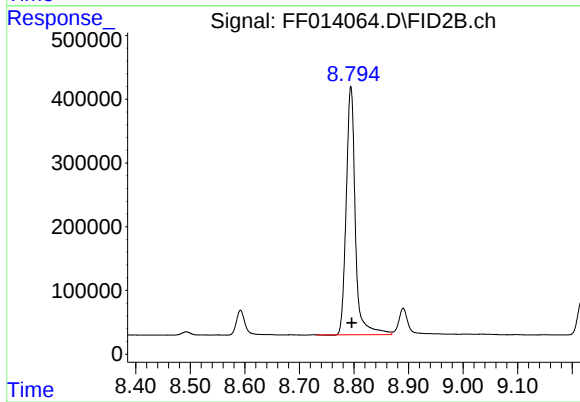
#4 2-Bromonaphthalene (SURR)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 7757903
Conc: 66.70 ug/ml



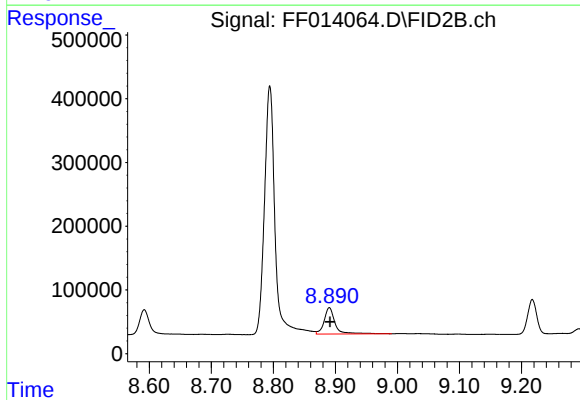
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: -0.001 min
Response: 431131
Conc: 3.57 ug/ml



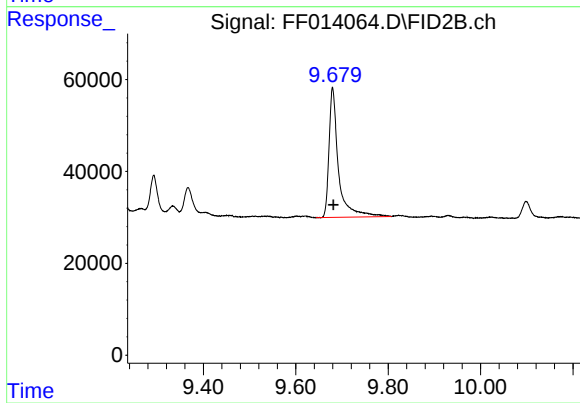
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 4532672
Conc: 61.64 ug/ml



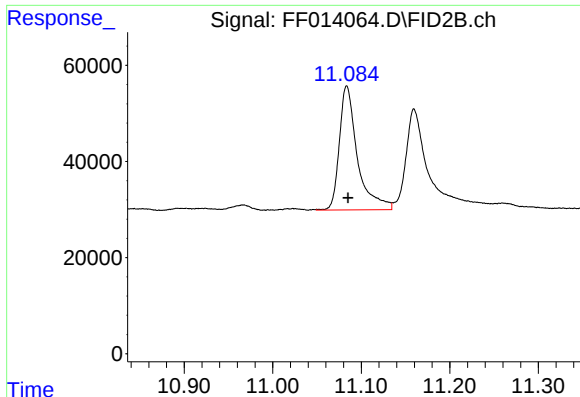
#7 Acenaphthene (C15.5)

R.T.: 8.890 min
Delta R.T.: -0.001 min
Response: 505490
Conc: 3.80 ug/ml



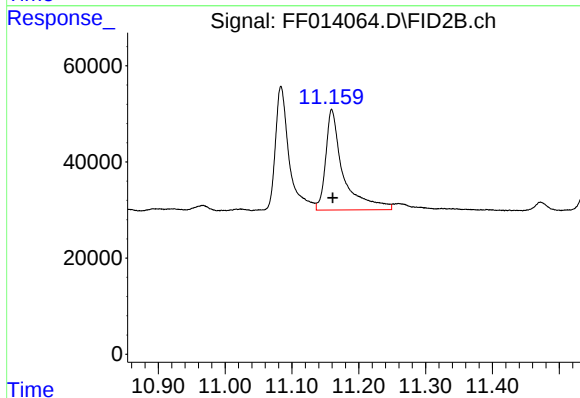
#8 Fluorene (C16.55)

R.T.: 9.680 min
Delta R.T.: -0.002 min
Response: 401493
Conc: 3.22 ug/ml



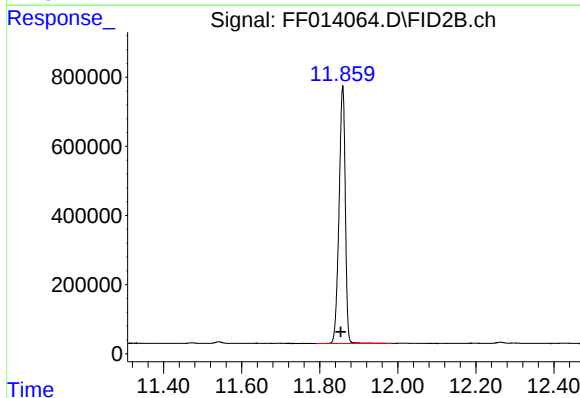
#9 Phenanthrene (C19.36)

R.T.: 11.084 min
Delta R.T.: -0.001 min
Response: 366800
Conc: 3.05 ug/ml



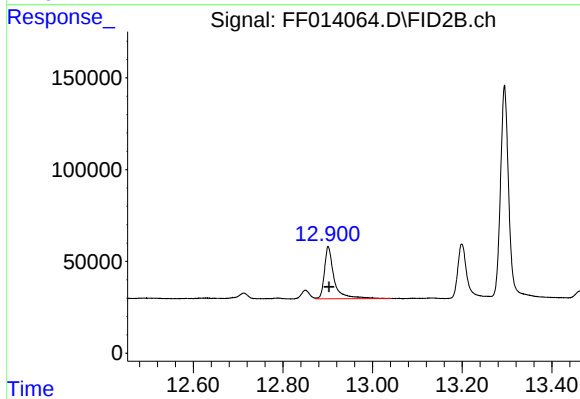
#10 Anthracene (C19.43)

R.T.: 11.159 min
Delta R.T.: -0.002 min
Response: 383198
Conc: 3.65 ug/ml m



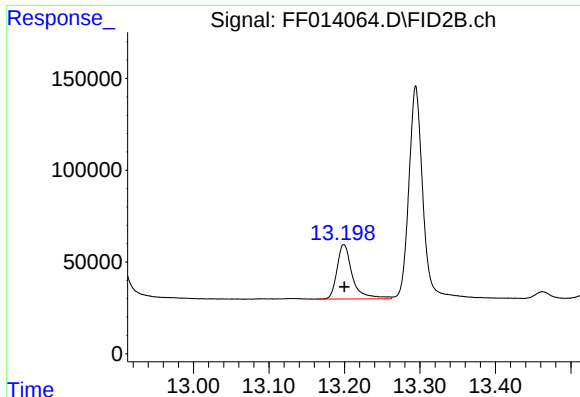
#11 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: 0.005 min
Response: 8260462
Conc: 55.37 ug/ml



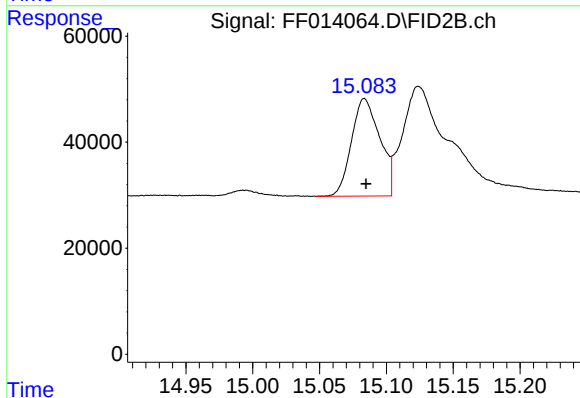
#12 Fluoranthene (C21.85)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 428251
Conc: 3.37 ug/ml



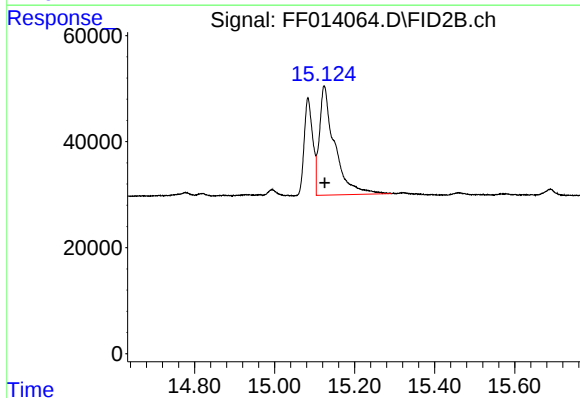
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 421357
Conc: 3.42 ug/ml



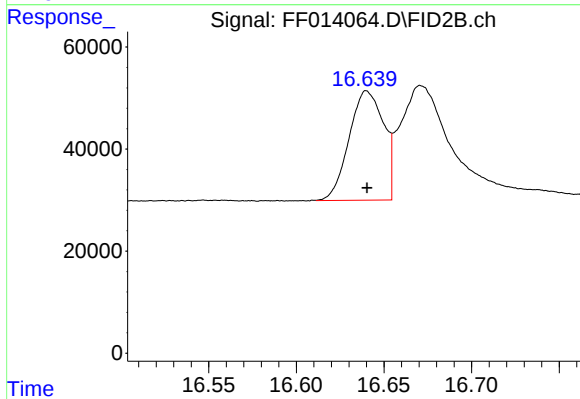
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.084 min
Delta R.T.: -0.001 min
Response: 271775
Conc: 2.73 ug/ml



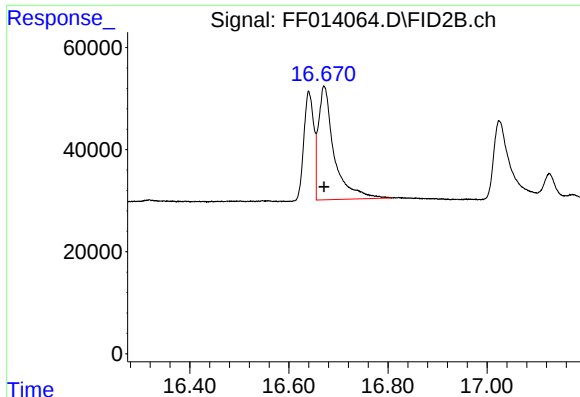
#15 Chrysene (C27.41)

R.T.: 15.124 min
Delta R.T.: 0.000 min
Response: 545405
Conc: 4.20 ug/ml



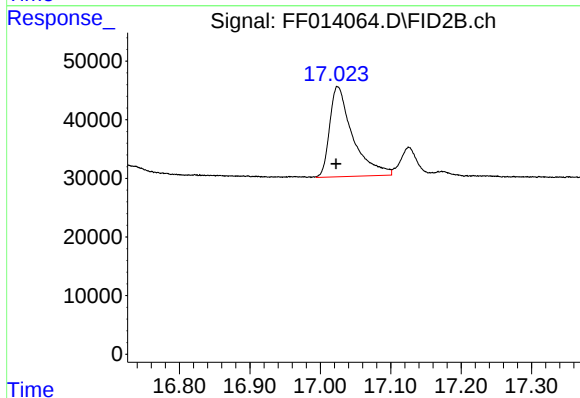
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.639 min
Delta R.T.: -0.001 min
Response: 297604
Conc: 2.77 ug/ml m



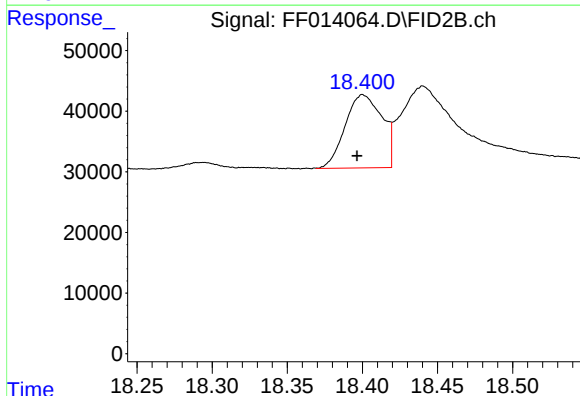
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.671 min
Delta R.T.: 0.000 min
Response: 492405
Conc: 3.90 ug/ml



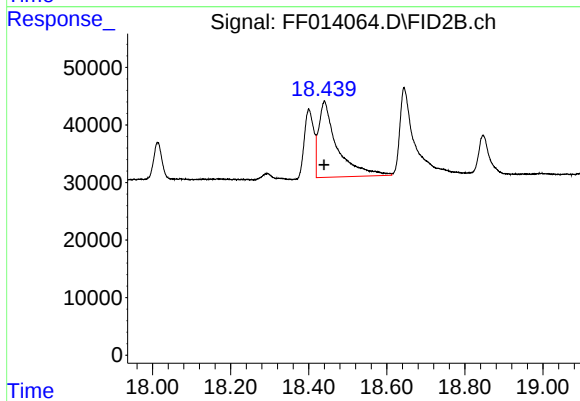
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.023 min
Delta R.T.: 0.000 min
Response: 349908
Conc: 3.17 ug/ml m



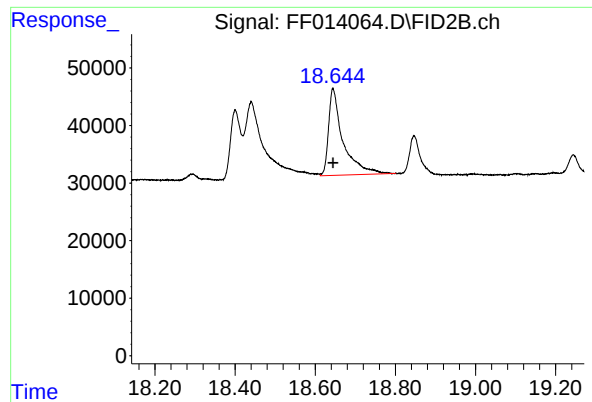
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.400 min
Delta R.T.: 0.004 min
Response: 209041
Conc: 2.28 ug/ml m



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

R.T.: 18.440 min
Delta R.T.: 0.001 min
Response: 436698
Conc: 3.38 ug/ml



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

R.T.: 18.645 min
Delta R.T.: 0.000 min
Response: 378764
Conc: 3.25 ug/ml