

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014053.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 15:18
 Operator : YP\AJ
 Sample : P1187-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 02:42:01 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...	7.922	5920716	50.902 ug/ml
Spiked Amount 50.000		Recovery =	101.80%
6) S 2-Fluorobiphenyl (SURR)	8.794	3720850	50.600 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	101.20%
11) S ortho-Terphenyl (SURR)	11.857	6417001	43.010 ug/ml
Spiked Amount 50.000		Recovery =	86.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	558019	4.456 ug/ml
2) T Naphthalene (C11.7)	6.201	569530	4.517 ug/ml
3) T 2-Methylnaphthalene (...)	7.294	573617	4.519 ug/ml
5) T Acenaphthylene (C15.06)	8.592	669568	5.541 ug/ml
7) T Acenaphthene (C15.5)	8.890	754891	5.674 ug/ml
8) T Flouorene (C16.55)	9.680	643300	5.158 ug/ml
9) T Phenanthrene (C19.36)	11.084	587862	4.894 ug/ml
10) T Anthracene (C19.43)	11.159	638374	6.087 ug/ml
12) T Fluoranthene (C21.85)	12.901	662600	5.211 ug/ml
13) T Pyrene (C20.8)	13.199	655545	5.319 ug/ml
14) T Benzo[a]anthracene (C...	15.082	491116	4.938 ug/ml
15) T Chrysene (C27.41)	15.122	811365	6.244 ug/ml
16) T benzo[b]fluoranthene ...	16.637	510624	4.754 ug/ml
17) T Bnezo[k]fluoranthene ...	16.669	755456	5.982 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.021	578432	5.245 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.393	439185	4.794 ug/ml
20) T Dibenz[a,h]anthracene...	18.436	747776	5.790 ug/ml
21) T Benzo[g,h,i]perylene ...	18.642	623633	5.356 ug/ml

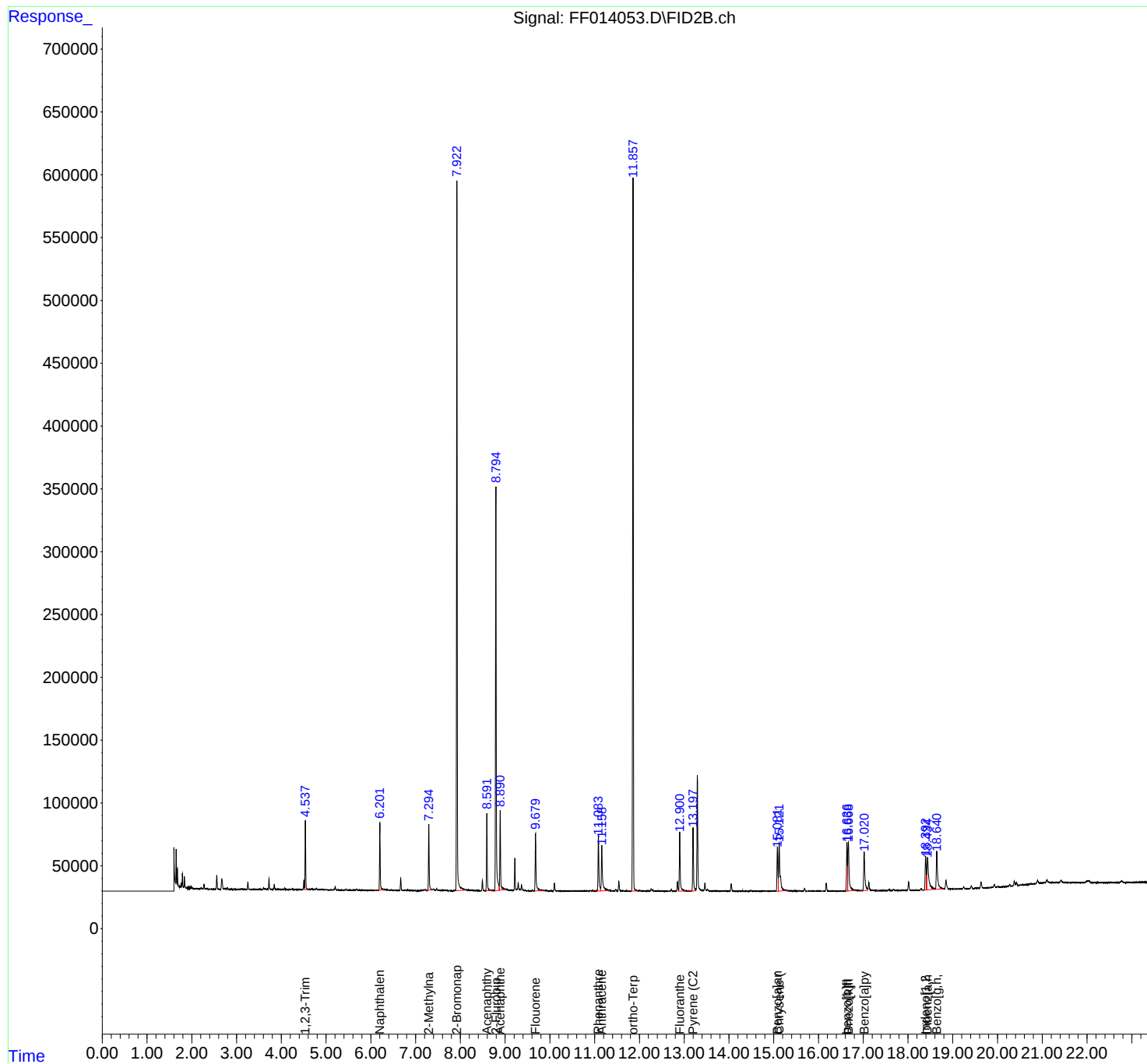
(f)=RT Delta > 1/2 Window

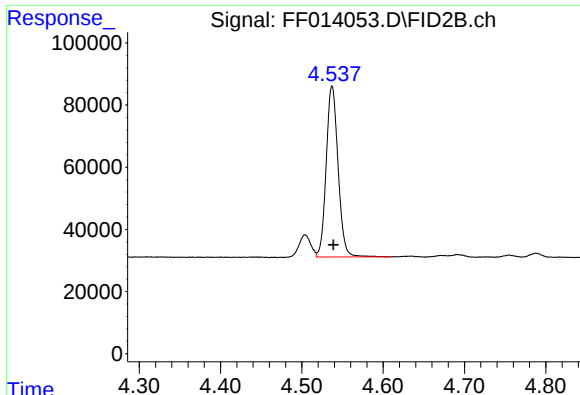
(m)=manual int.

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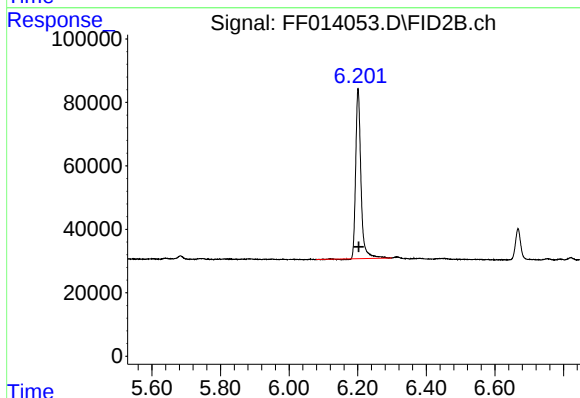
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Signal Info : 20M x 0.18mm x 0.18µm





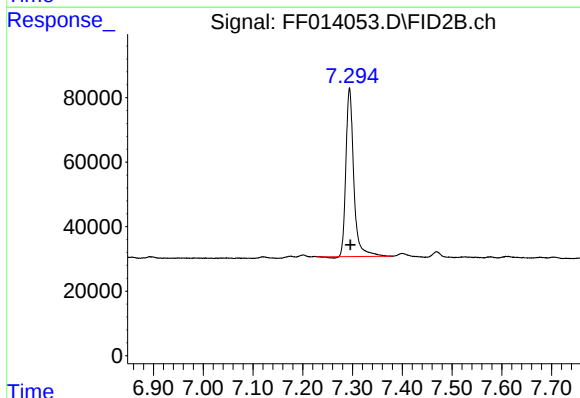
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 558019
Conc: 4.46 ug/ml



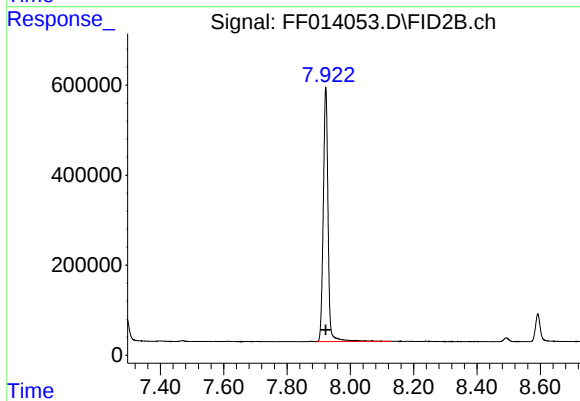
#2 Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 569530
Conc: 4.52 ug/ml



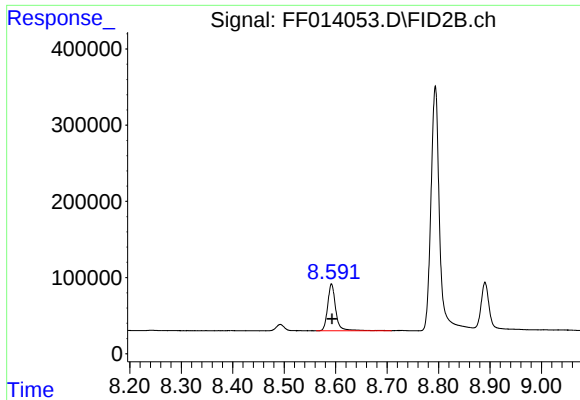
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 573617
Conc: 4.52 ug/ml



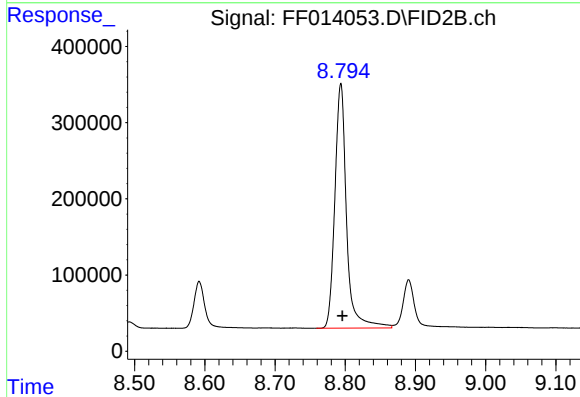
#4 2-Bromonaphthalene (SURR)

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 5920716
Conc: 50.90 ug/ml



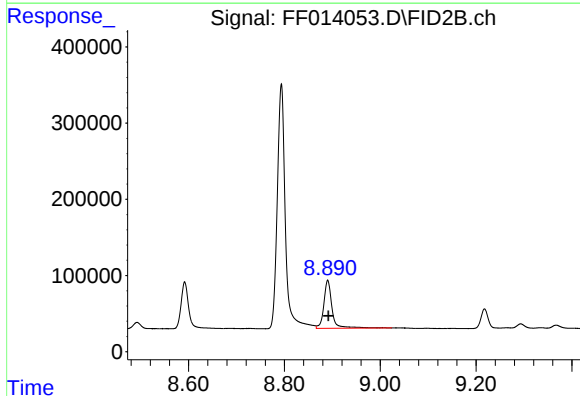
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 669568
Conc: 5.54 ug/ml



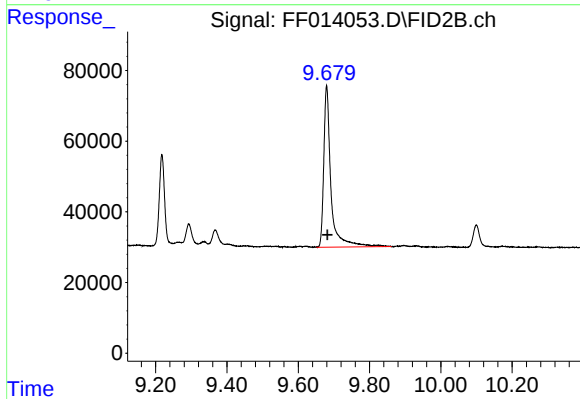
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min
Delta R.T.: -0.003 min
Response: 3720850
Conc: 50.60 ug/ml



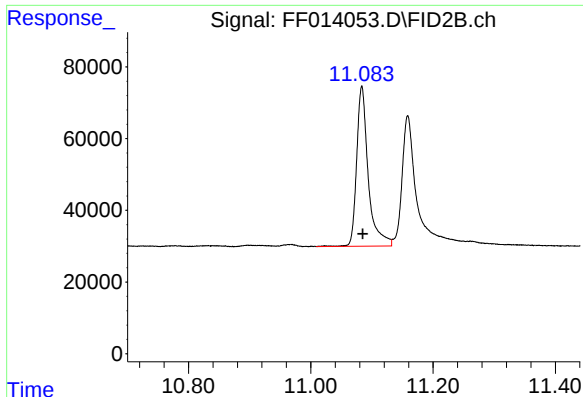
#7 Acenaphthene (C15.5)

R.T.: 8.890 min
Delta R.T.: -0.001 min
Response: 754891
Conc: 5.67 ug/ml



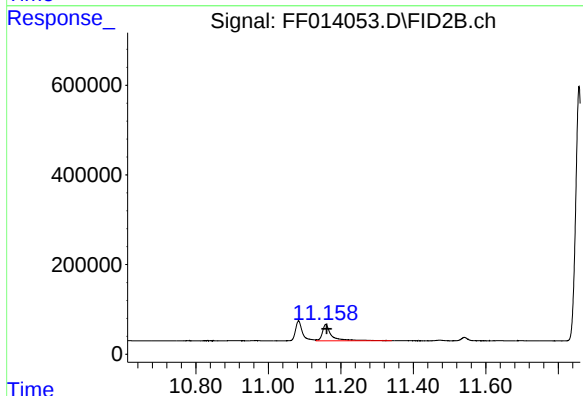
#8 Fluorene (C16.55)

R.T.: 9.680 min
Delta R.T.: -0.002 min
Response: 643300
Conc: 5.16 ug/ml



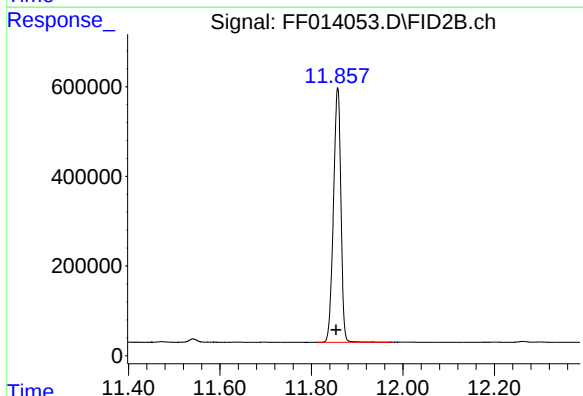
#9 Phenanthrene (C19.36)

R.T.: 11.084 min
Delta R.T.: -0.001 min
Response: 587862
Conc: 4.89 ug/ml



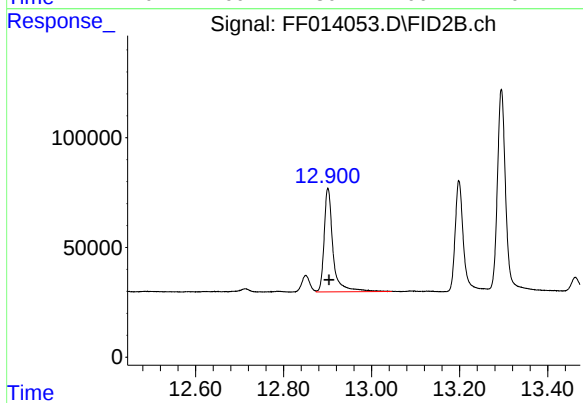
#10 Anthracene (C19.43)

R.T.: 11.159 min
Delta R.T.: -0.002 min
Response: 638374
Conc: 6.09 ug/ml



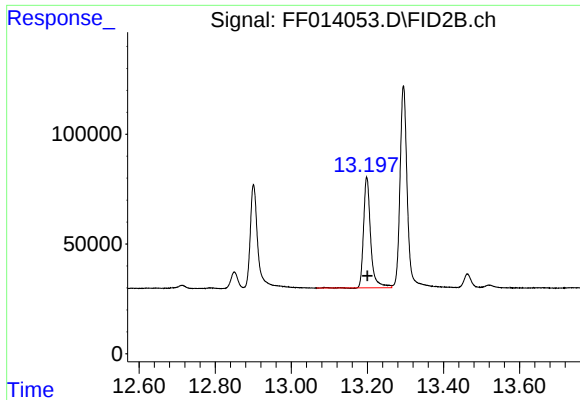
#11 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: 0.004 min
Response: 6417001
Conc: 43.01 ug/ml



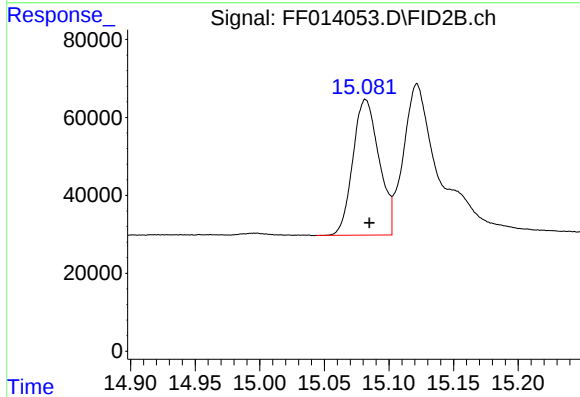
#12 Fluoranthene (C21.85)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 662600
Conc: 5.21 ug/ml



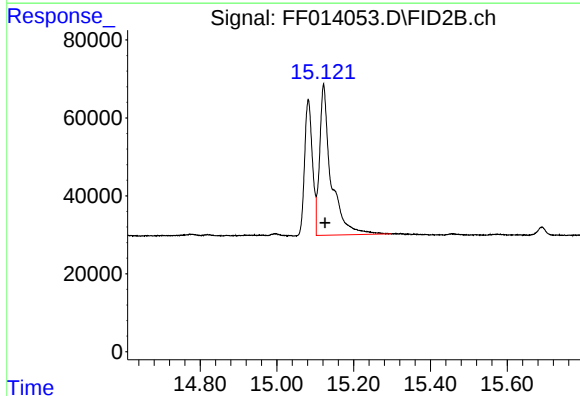
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: -0.001 min
Response: 655545
Conc: 5.32 ug/ml



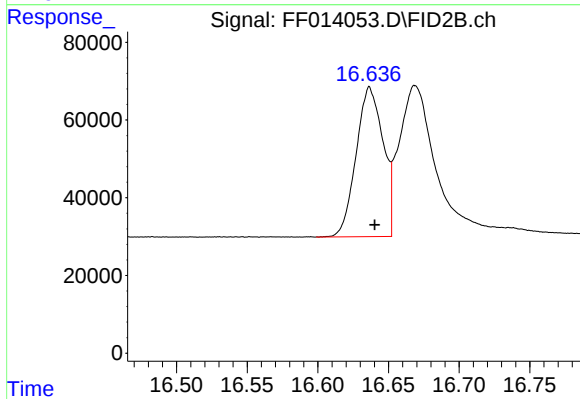
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.082 min
Delta R.T.: -0.003 min
Response: 491116
Conc: 4.94 ug/ml



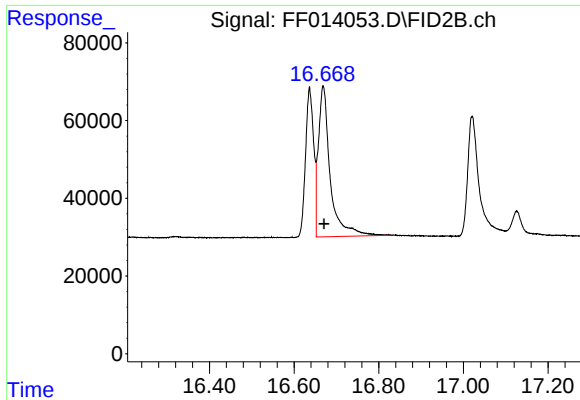
#15 Chrysene (C27.41)

R.T.: 15.122 min
Delta R.T.: -0.003 min
Response: 811365
Conc: 6.24 ug/ml



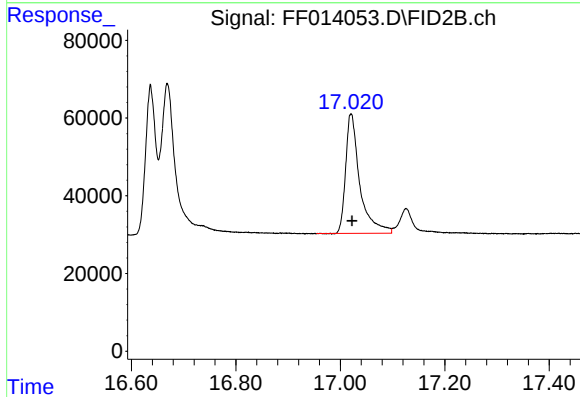
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.637 min
Delta R.T.: -0.003 min
Response: 510624
Conc: 4.75 ug/ml



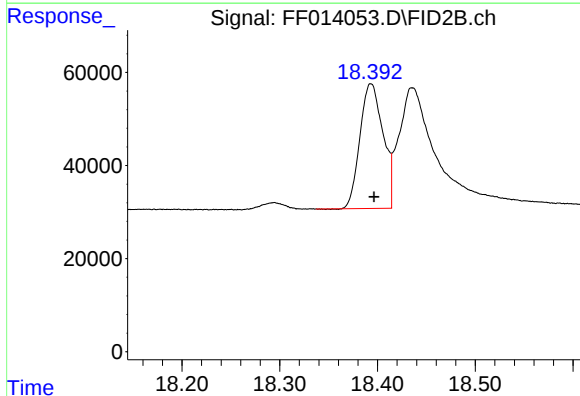
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.669 min
Delta R.T.: -0.002 min
Response: 755456
Conc: 5.98 ug/ml



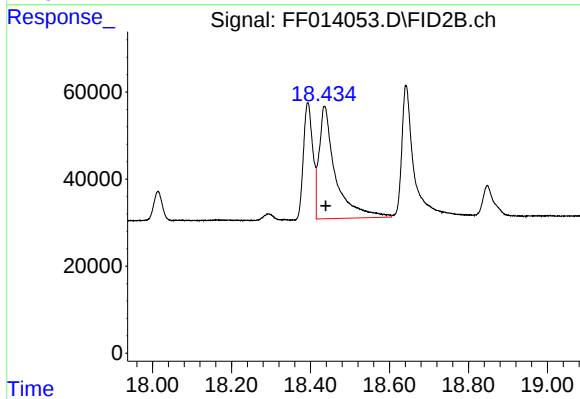
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.021 min
Delta R.T.: -0.002 min
Response: 578432
Conc: 5.24 ug/ml



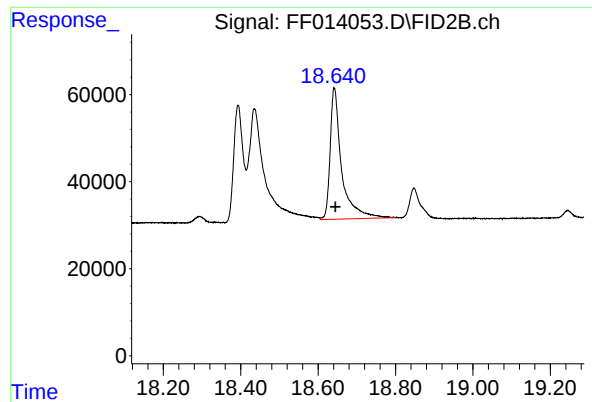
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.393 min
Delta R.T.: -0.003 min
Response: 439185
Conc: 4.79 ug/ml



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

R.T.: 18.436 min
Delta R.T.: -0.003 min
Response: 747776
Conc: 5.79 ug/ml



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

R.T.: 18.642 min
Delta R.T.: -0.002 min
Response: 623633
Conc: 5.36 ug/ml