

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014052.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 14:49
 Operator : YP\AJ
 Sample : P1187-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 79 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 02:41:08 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	5980080	51.412 ug/ml
Spiked Amount 50.000		Recovery =	102.82%
6) S 2-Fluorobiphenyl (SURR)	8.794	3754749	51.061 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	102.12%
11) S ortho-Terphenyl (SURR)	11.858	6506467	43.610 ug/ml
Spiked Amount 50.000		Recovery =	87.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	445691	3.559 ug/ml
2) T Naphthalene (C11.7)	6.202	455530	3.613 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	472522	3.723 ug/ml
5) T Acenaphthylene (C15.06)	8.592	531487	4.399 ug/ml
7) T Acenaphthene (C15.5)	8.891	627559	4.717 ug/ml
8) T Fluorene (C16.55)	9.680	487985	3.912 ug/ml
9) T Phenanthrene (C19.36)	11.084	467670	3.894 ug/ml
10) T Anthracene (C19.43)	11.160	509948	4.862 ug/ml
12) T Fluoranthene (C21.85)	12.902	532085	4.185 ug/ml
13) T Pyrene (C20.8)	13.199	527396	4.279 ug/ml
14) T Benzo[a]anthracene (C...	15.082	372594	3.746 ug/ml
15) T Chrysene (C27.41)	15.123	674125	5.187 ug/ml
16) T benzo[b]fluoranthene ...	16.638	390573	3.637 ug/ml
17) T Bnezo[k]fluoranthene ...	16.670	612984	4.854 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.022	454673	4.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.394	336223	3.670 ug/mlm
20) T Dibenz[a,h]anthracene...	18.438	590349	4.571 ug/ml
21) T Benzo[g,h,i]perylene ...	18.643	500582	4.299 ug/ml

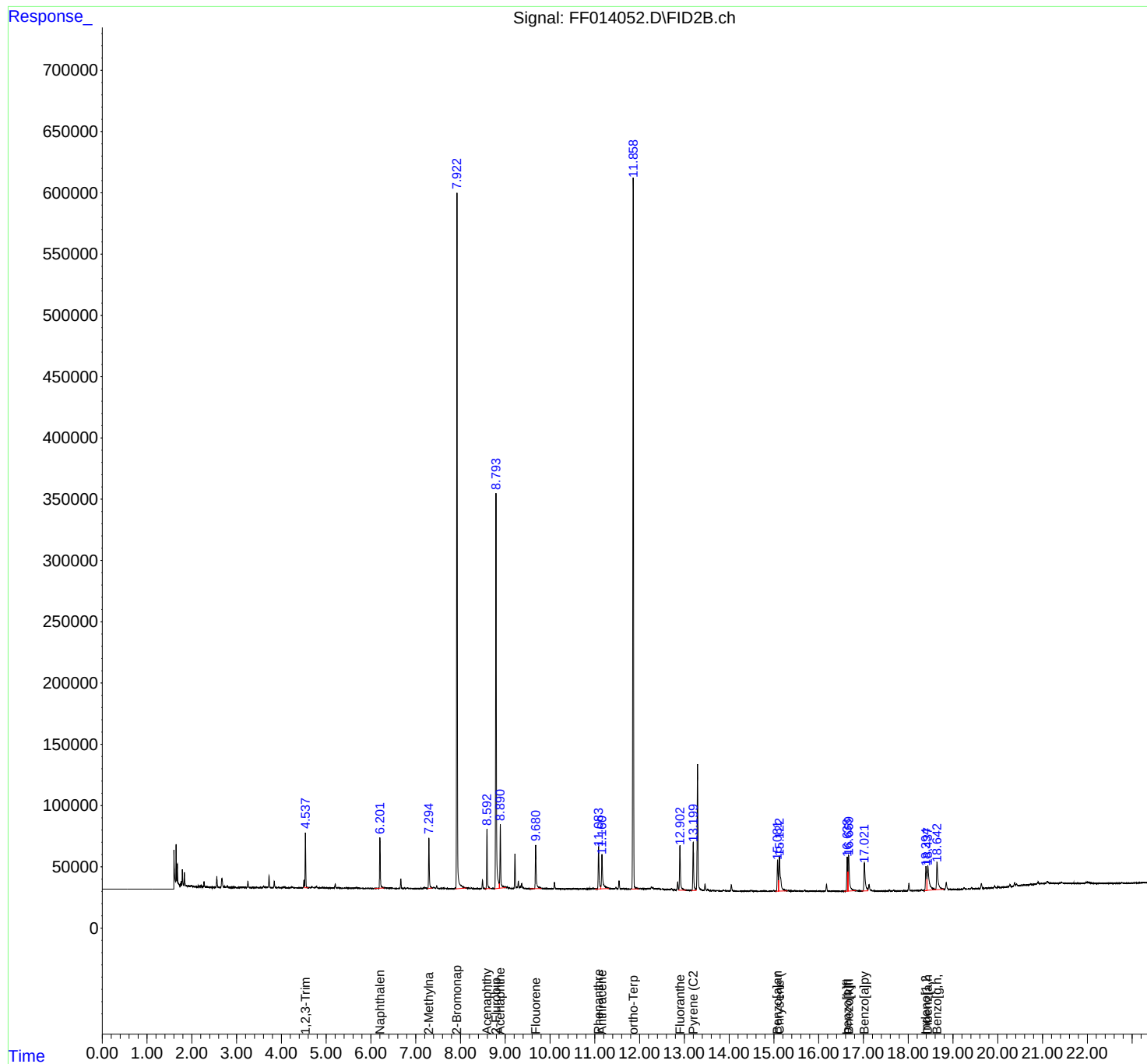
(f)=RT Delta > 1/2 Window

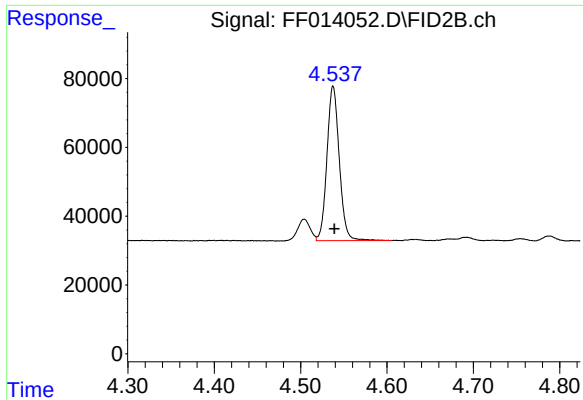
(m)=manual int.

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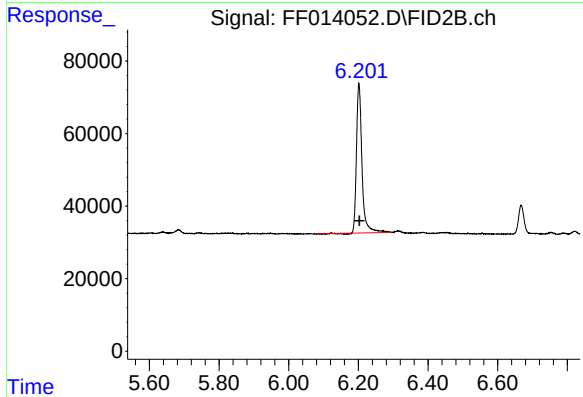
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Signal Info : 20M x 0.18mm x 0.18µm





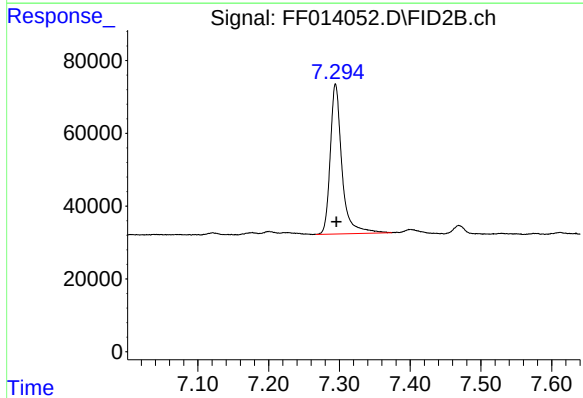
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 445691
Conc: 3.56 ug/ml



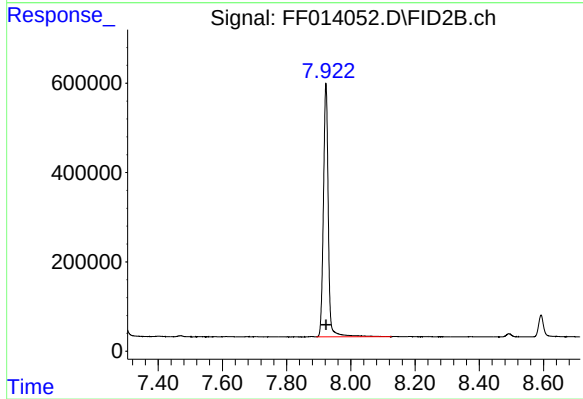
#2 Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 455530
Conc: 3.61 ug/ml



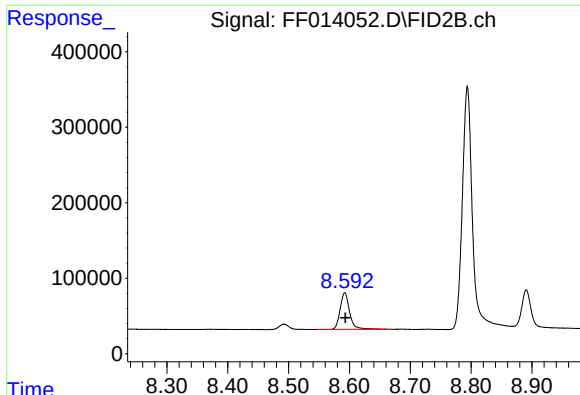
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: -0.001 min
Response: 472522
Conc: 3.72 ug/ml



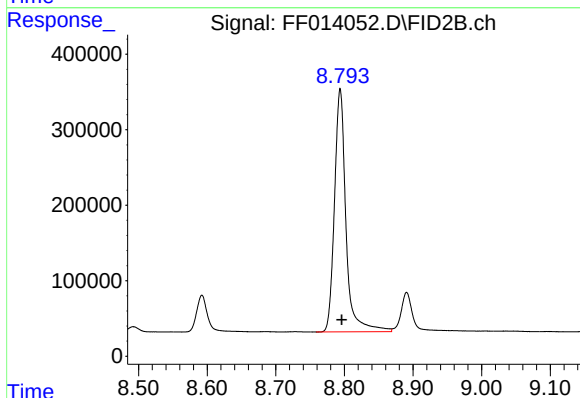
#4 2-Bromonaphthalene (SURR)

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 5980080
Conc: 51.41 ug/ml



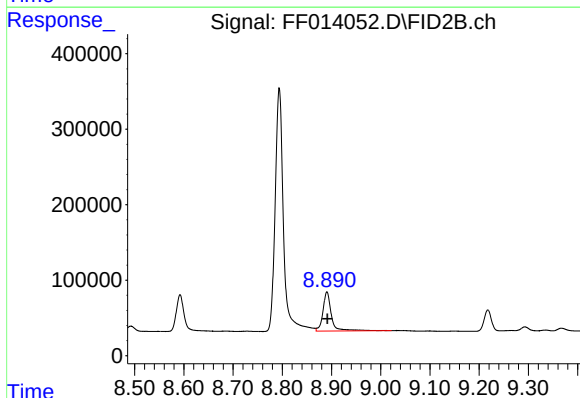
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 531487
Conc: 4.40 ug/ml



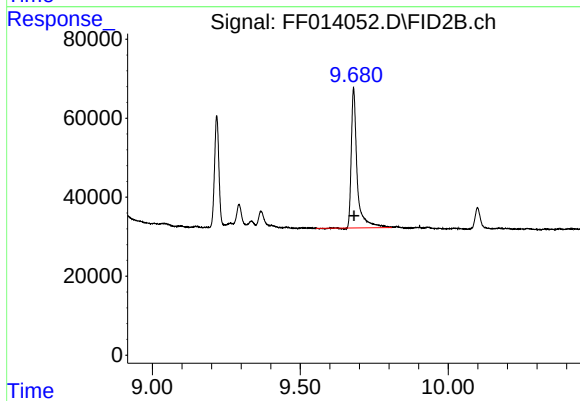
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 3754749
Conc: 51.06 ug/ml



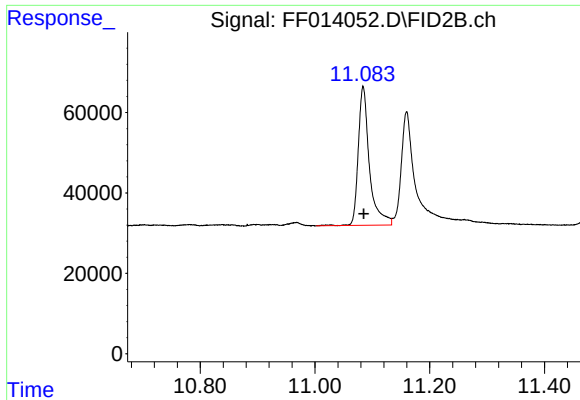
#7 Acenaphthene (C15.5)

R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 627559
Conc: 4.72 ug/ml



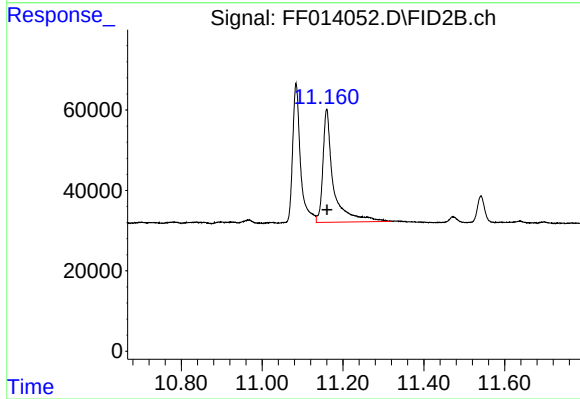
#8 Fluorene (C16.55)

R.T.: 9.680 min
Delta R.T.: -0.001 min
Response: 487985
Conc: 3.91 ug/ml



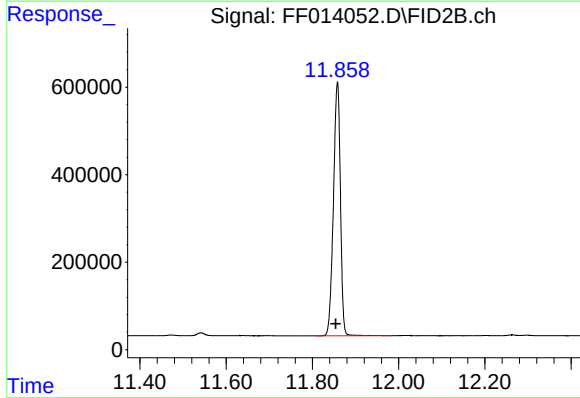
#9 Phenanthrene (C19.36)

R.T.: 11.084 min
Delta R.T.: 0.000 min
Response: 467670
Conc: 3.89 ug/ml



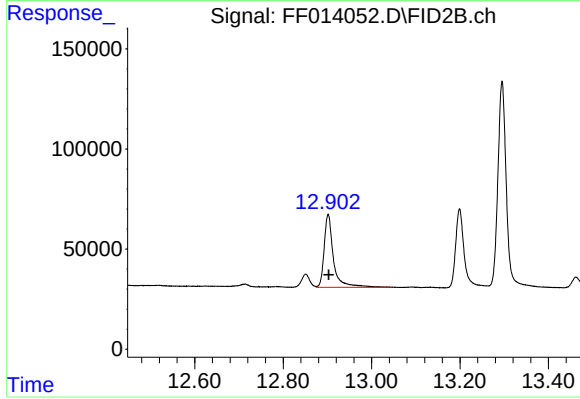
#10 Anthracene (C19.43)

R.T.: 11.160 min
Delta R.T.: -0.001 min
Response: 509948
Conc: 4.86 ug/ml



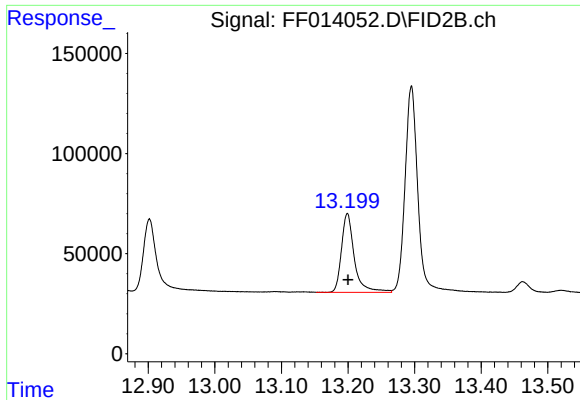
#11 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: 0.004 min
Response: 6506467
Conc: 43.61 ug/ml



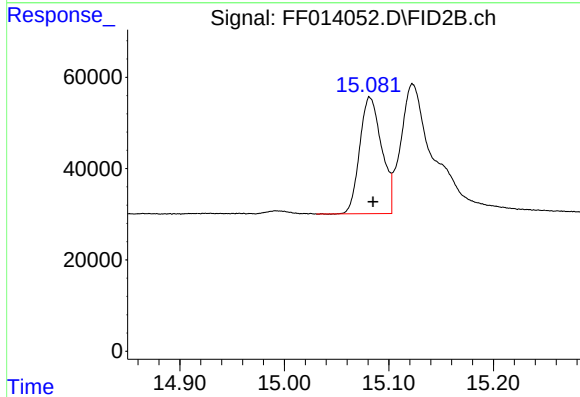
#12 Fluoranthene (C21.85)

R.T.: 12.902 min
Delta R.T.: -0.001 min
Response: 532085
Conc: 4.18 ug/ml



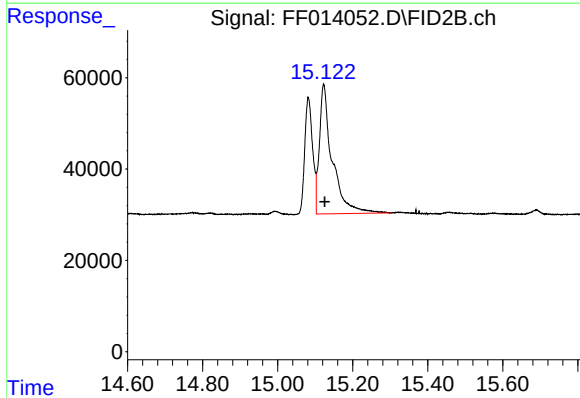
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 527396
Conc: 4.28 ug/ml



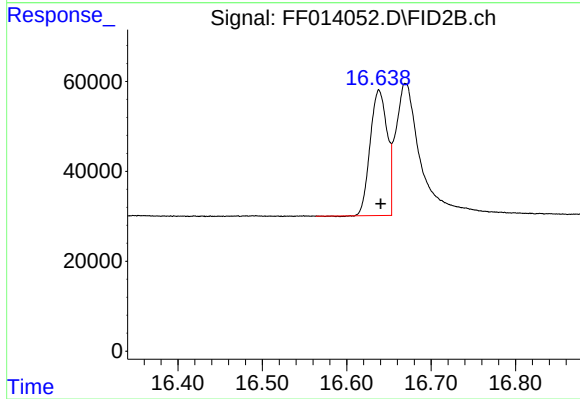
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.082 min
Delta R.T.: -0.003 min
Response: 372594
Conc: 3.75 ug/ml



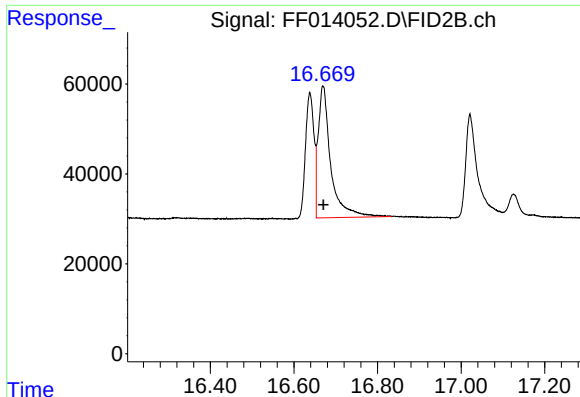
#15 Chrysene (C27.41)

R.T.: 15.123 min
Delta R.T.: -0.002 min
Response: 674125
Conc: 5.19 ug/ml



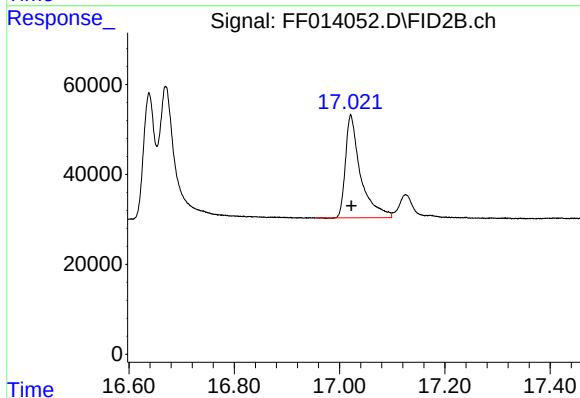
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.638 min
Delta R.T.: -0.002 min
Response: 390573
Conc: 3.64 ug/ml



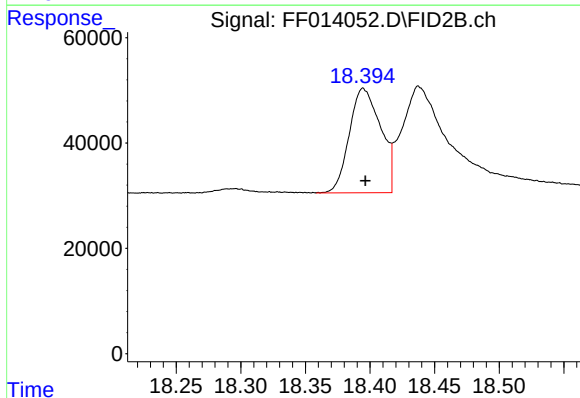
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.670 min
Delta R.T.: -0.001 min
Response: 612984
Conc: 4.85 ug/ml



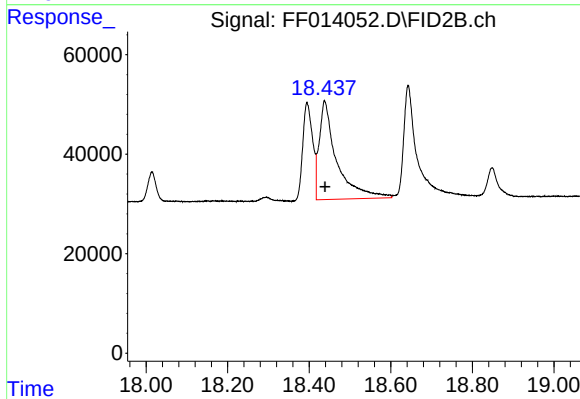
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.022 min
Delta R.T.: -0.001 min
Response: 454673
Conc: 4.12 ug/ml



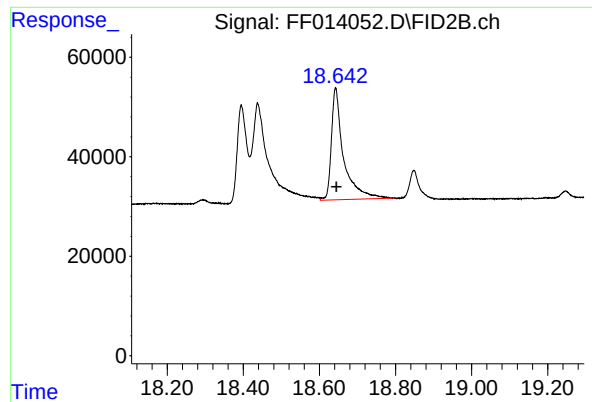
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.394 min
Delta R.T.: -0.002 min
Response: 336223
Conc: 3.67 ug/ml m



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

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 590349
Conc: 4.57 ug/ml



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

R.T.: 18.643 min
Delta R.T.: -0.002 min
Response: 500582
Conc: 4.30 ug/ml