

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022124AR\
 Data File : FF014065.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2024 10:47
 Operator : YP\AJ
 Sample : P1187-09
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 02:36:52 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	6527459	56.118 ug/ml
Spiked Amount 50.000		Recovery =	112.24%
6) S 2-Fluorobiphenyl (SURR)	8.794	3796443	51.628 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.26%
11) S ortho-Terphenyl (SURR)	11.858	6902242	46.262 ug/ml
Spiked Amount 50.000		Recovery =	92.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	301126	2.404 ug/ml
2) T Naphthalene (C11.7)	6.202	305676	2.424 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	318107	2.506 ug/ml
5) T Acenaphthylene (C15.06)	8.593	359766	2.977 ug/ml
7) T Acenaphthene (C15.5)	8.891	436042	3.277 ug/ml
8) T Fluorene (C16.55)	9.681	332096	2.663 ug/ml
9) T Phenanthrene (C19.36)	11.085	297203	2.474 ug/ml
10) T Anthracene (C19.43)	11.161	333746	3.182 ug/ml
12) T Fluoranthene (C21.85)	12.903	353279	2.779 ug/ml
13) T Pyrene (C20.8)	13.200	342848	2.782 ug/ml
14) T Benzo[a]anthracene (C...	15.087	227855	2.291 ug/ml
15) T Chrysene (C27.41)	15.126	454358	3.496 ug/ml
16) T benzo[b]fluoranthene ...	16.642	245375	2.285 ug/ml
17) T Bnezo[k]fluoranthene ...	16.674	427467	3.385 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.026	301242	2.731 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.399	190490	2.079 ug/ml
20) T Dibenz[a,h]anthracene...	18.441	466758	3.614 ug/ml
21) T Benzo[g,h,i]perylene ...	18.646	338880	2.910 ug/ml

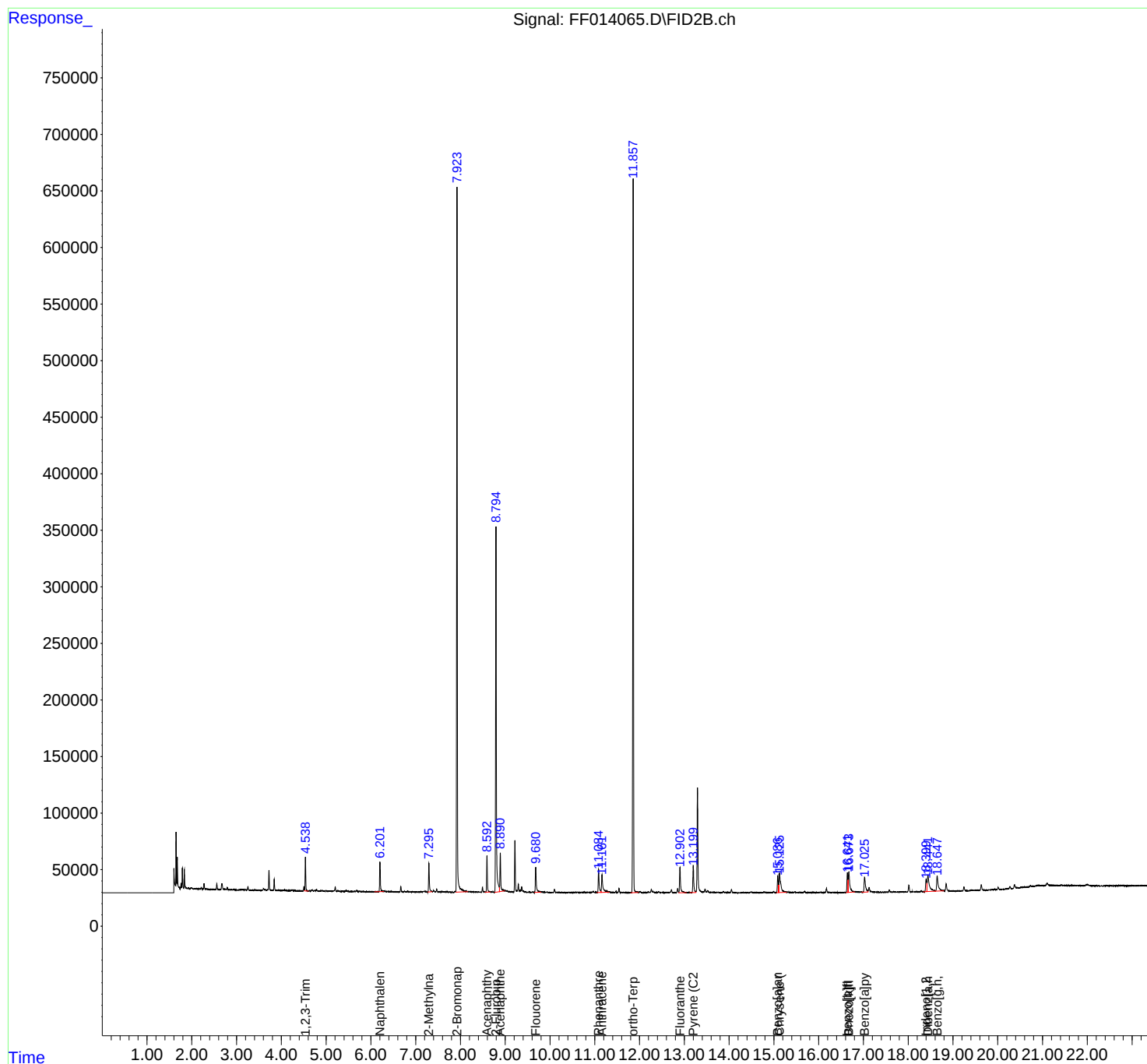
(f)=RT Delta > 1/2 Window

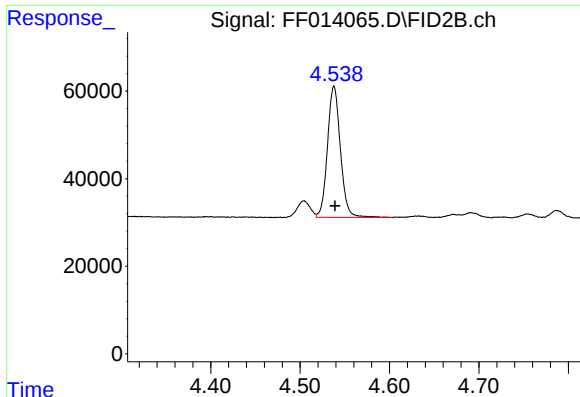
(m)=manual int.

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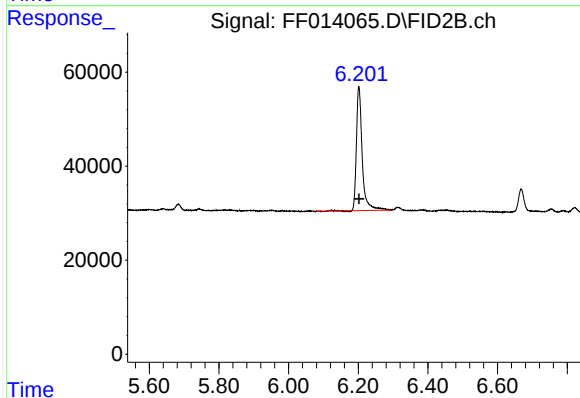
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





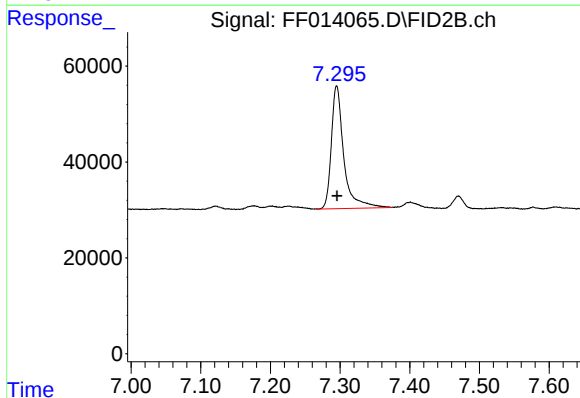
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 301126
Conc: 2.40 ug/ml



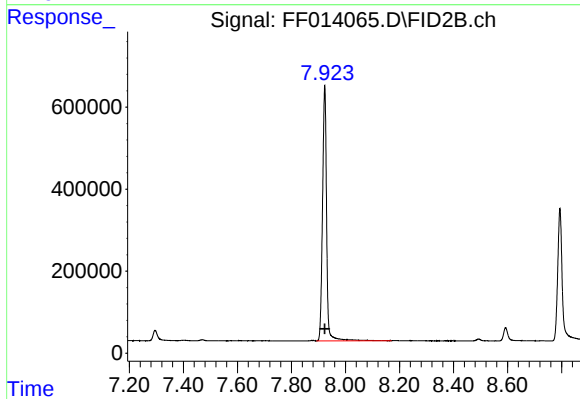
#2 Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 305676
Conc: 2.42 ug/ml



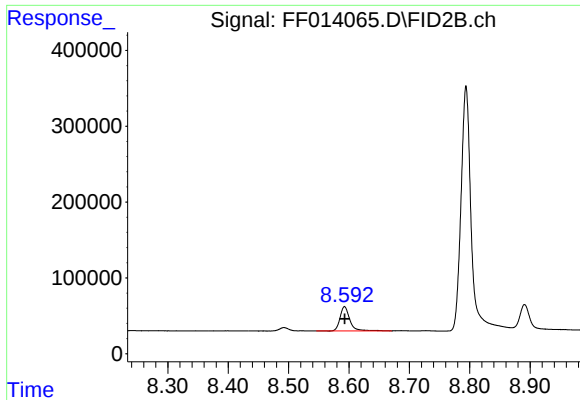
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 318107
Conc: 2.51 ug/ml



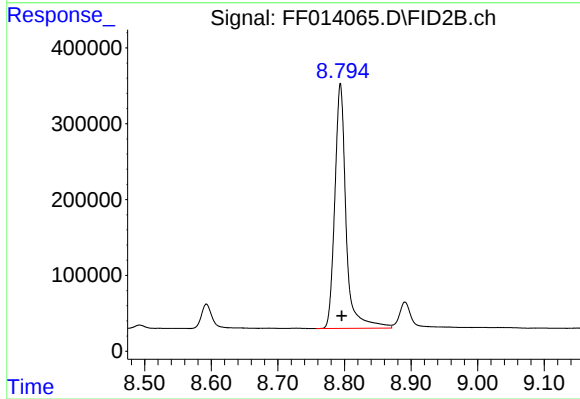
#4 2-Bromonaphthalene (SURR)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 6527459
Conc: 56.12 ug/ml



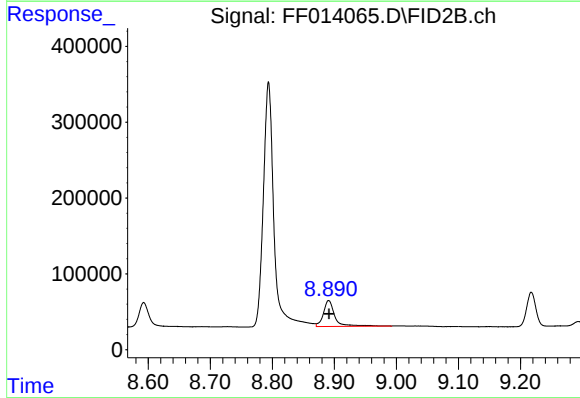
#5 Acenaphthylene (C15.06)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 359766
Conc: 2.98 ug/ml



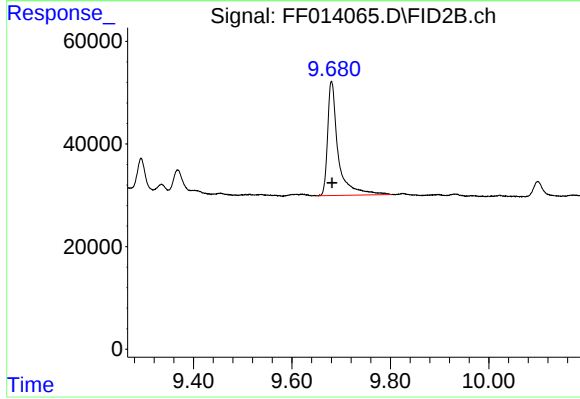
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 3796443
Conc: 51.63 ug/ml



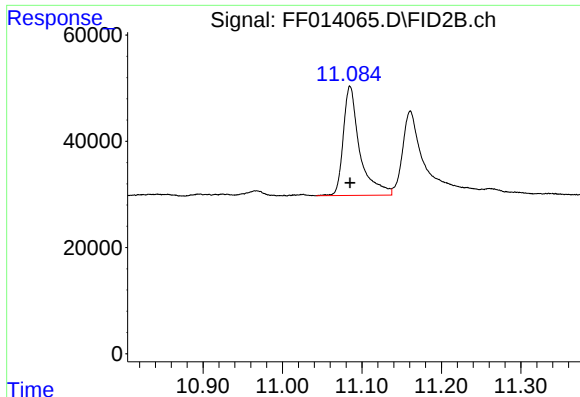
#7 Acenaphthene (C15.5)

R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 436042
Conc: 3.28 ug/ml



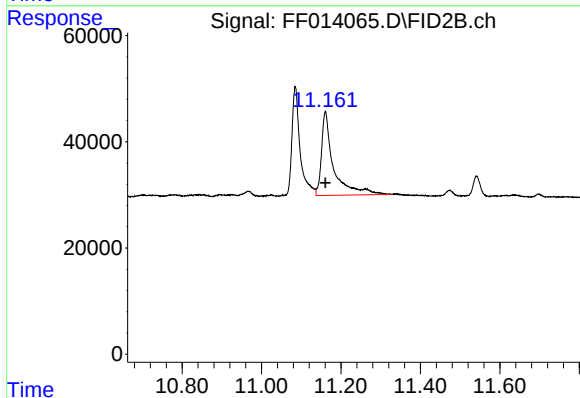
#8 Fluorene (C16.55)

R.T.: 9.681 min
Delta R.T.: 0.000 min
Response: 332096
Conc: 2.66 ug/ml



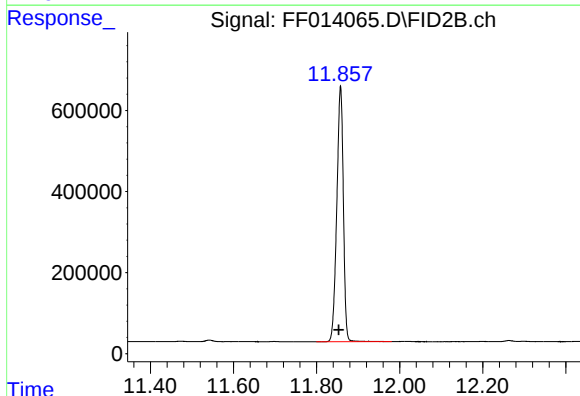
#9 Phenanthrene (C19.36)

R.T.: 11.085 min
Delta R.T.: 0.000 min
Response: 297203
Conc: 2.47 ug/ml



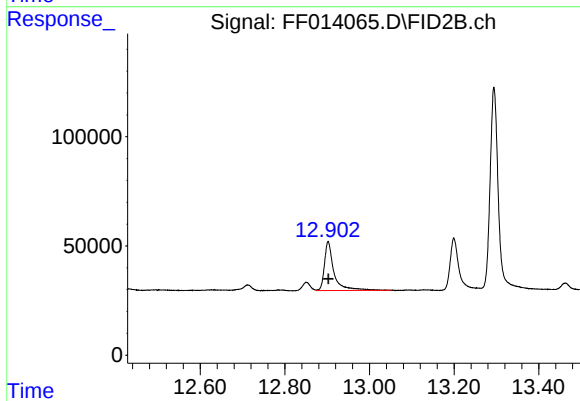
#10 Anthracene (C19.43)

R.T.: 11.161 min
Delta R.T.: 0.000 min
Response: 333746
Conc: 3.18 ug/ml



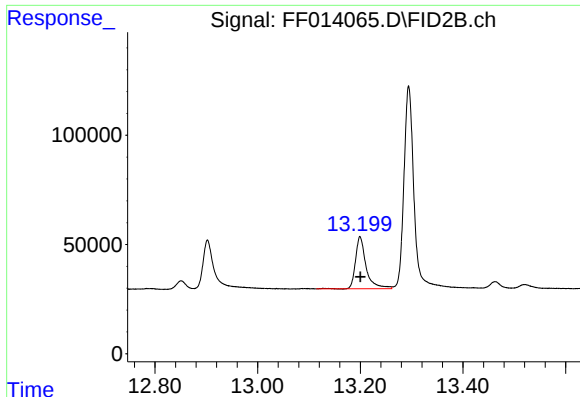
#11 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: 0.004 min
Response: 6902242
Conc: 46.26 ug/ml



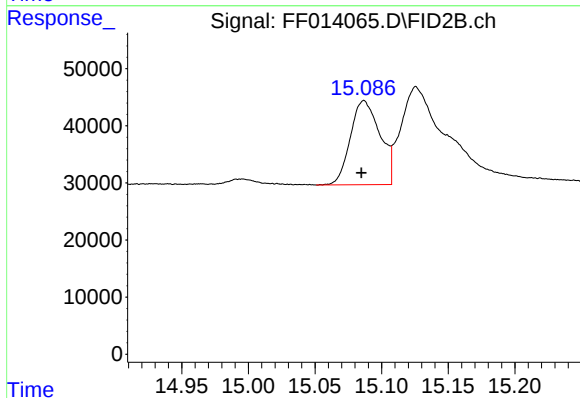
#12 Fluoranthene (C21.85)

R.T.: 12.903 min
Delta R.T.: 0.000 min
Response: 353279
Conc: 2.78 ug/ml



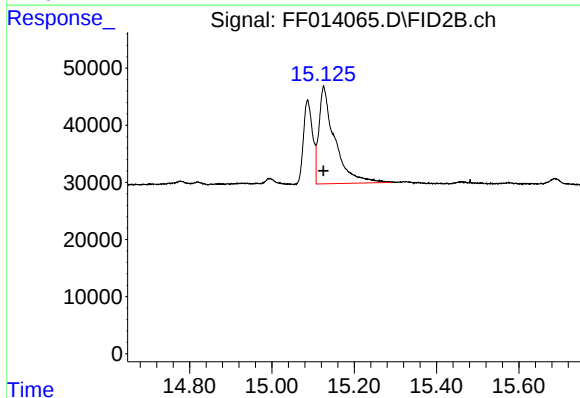
#13 Pyrene (C20.8)

R.T.: 13.200 min
Delta R.T.: 0.000 min
Response: 342848
Conc: 2.78 ug/ml



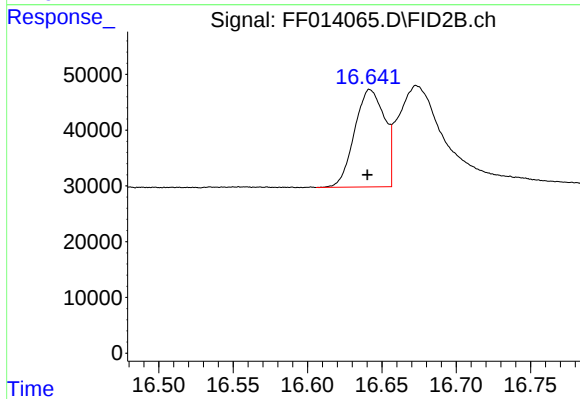
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.087 min
Delta R.T.: 0.002 min
Response: 227855
Conc: 2.29 ug/ml



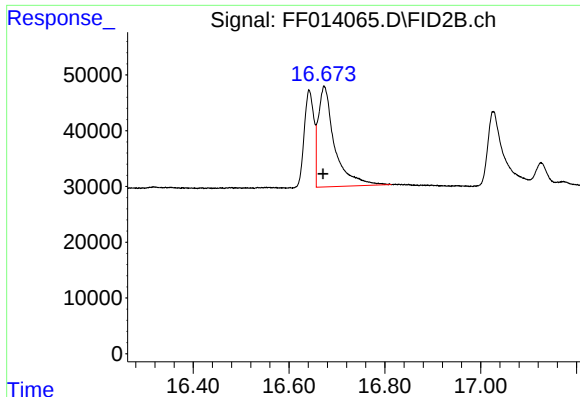
#15 Chrysene (C27.41)

R.T.: 15.126 min
Delta R.T.: 0.000 min
Response: 454358
Conc: 3.50 ug/ml



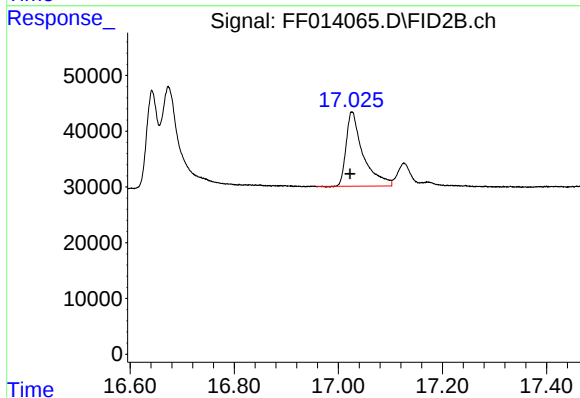
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.642 min
Delta R.T.: 0.002 min
Response: 245375
Conc: 2.28 ug/ml



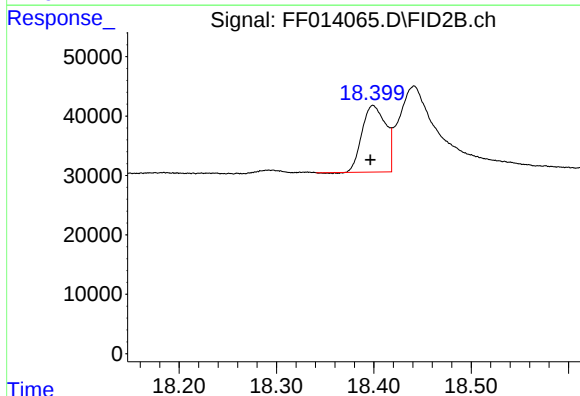
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.674 min
Delta R.T.: 0.003 min
Response: 427467
Conc: 3.38 ug/ml



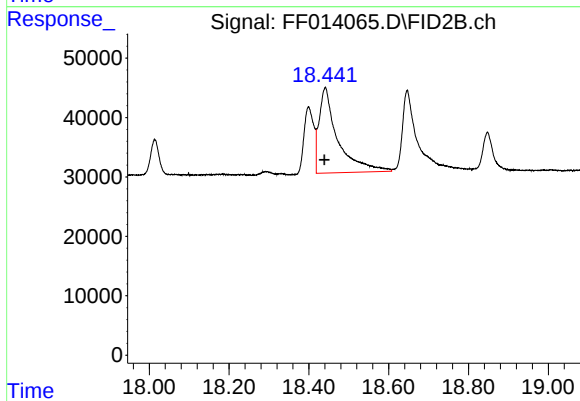
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.026 min
Delta R.T.: 0.004 min
Response: 301242
Conc: 2.73 ug/ml



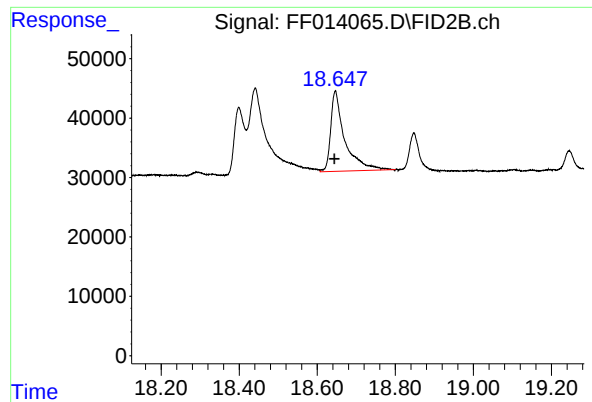
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.399 min
Delta R.T.: 0.003 min
Response: 190490
Conc: 2.08 ug/ml



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

R.T.: 18.441 min
Delta R.T.: 0.002 min
Response: 466758
Conc: 3.61 ug/ml



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

R.T.: 18.646 min
Delta R.T.: 0.002 min
Response: 338880
Conc: 2.91 ug/ml