

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014054.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 15:47
 Operator : YP\AJ
 Sample : P1187-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 81 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 02:42:52 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	6564534	56.437 ug/ml
Spiked Amount 50.000		Recovery =	112.87%
6) S 2-Fluorobiphenyl (SURR)	8.793	3813365	51.858 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.72%
11) S ortho-Terphenyl (SURR)	11.858	6911055	46.321 ug/ml
Spiked Amount 50.000		Recovery =	92.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	303890	2.427 ug/ml
2) T Naphthalene (C11.7)	6.201	314892	2.497 ug/mlm
3) T 2-Methylnaphthalene (...)	7.295	324228	2.554 ug/ml
5) T Acenaphthylene (C15.06)	8.592	366572	3.034 ug/ml
7) T Acenaphthene (C15.5)	8.890	439951	3.307 ug/ml
8) T Flouorene (C16.55)	9.681	336497	2.698 ug/ml
9) T Phenanthrene (C19.36)	11.085	299578	2.494 ug/ml
10) T Anthracene (C19.43)	11.160	332868	3.174 ug/ml
12) T Fluoranthene (C21.85)	12.903	346840	2.728 ug/ml
13) T Pyrene (C20.8)	13.199	350978	2.848 ug/mlm
14) T Benzo[a]anthracene (C...	15.086	231792	2.331 ug/ml
15) T Chrysene (C27.41)	15.126	466402	3.589 ug/ml
16) T benzo[b]fluoranthene ...	16.641	249384	2.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.673	425126	3.366 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.026	306844	2.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.400	215381	2.351 ug/ml
20) T Dibenz[a,h]anthracene...	18.440	467514	3.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.646	340676	2.926 ug/ml

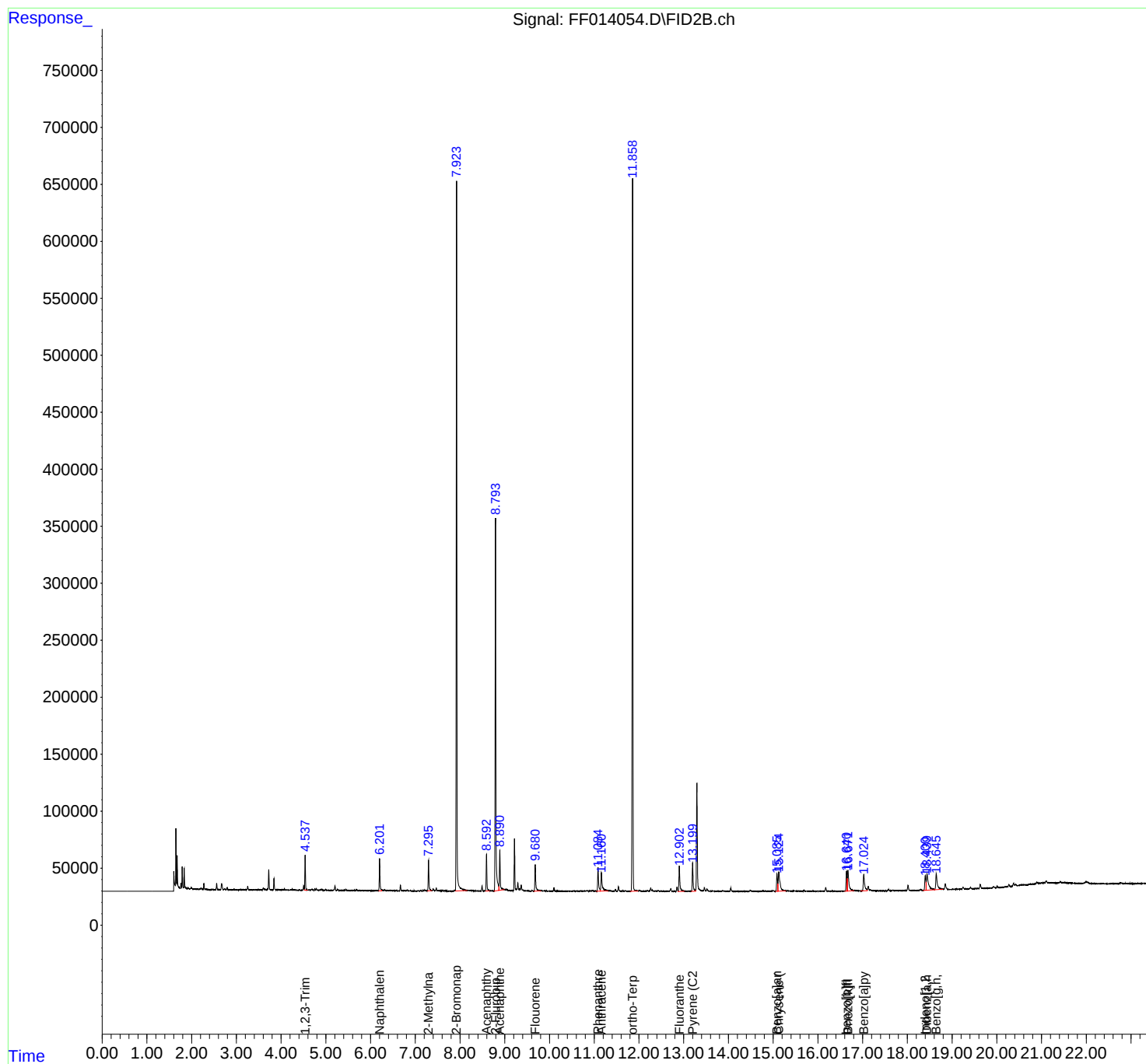
(f)=RT Delta > 1/2 Window

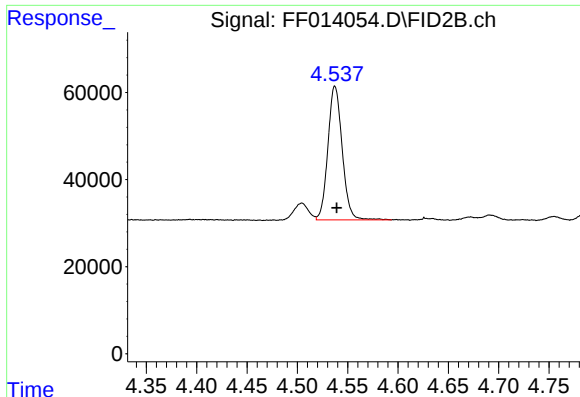
(m)=manual int.

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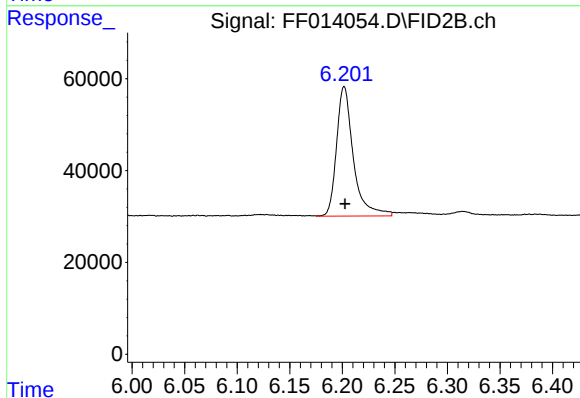
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Signal Info : 20M x 0.18mm x 0.18µm





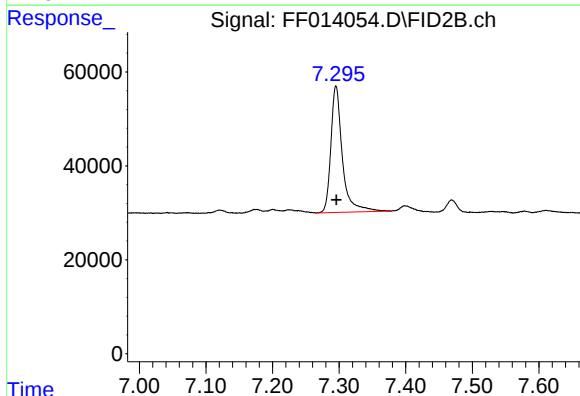
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 303890
Conc: 2.43 ug/ml



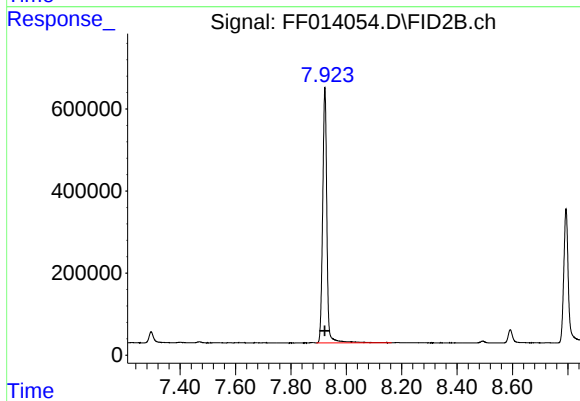
#2 Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 314892
Conc: 2.50 ug/ml m



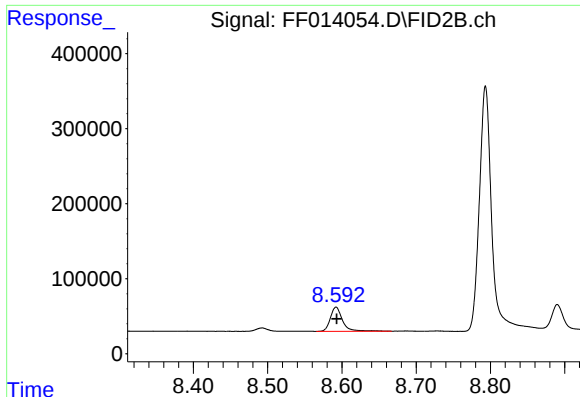
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 324228
Conc: 2.55 ug/ml



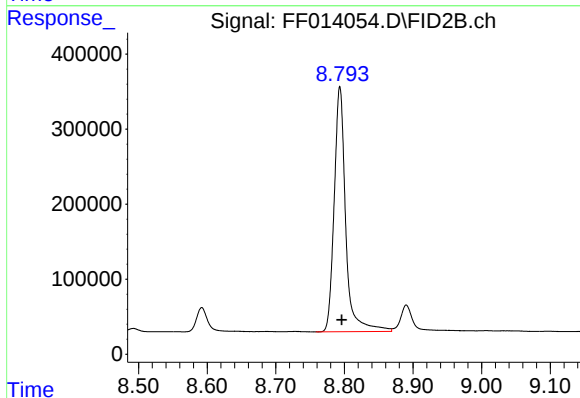
#4 2-Bromonaphthalene (SURR)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 6564534
Conc: 56.44 ug/ml



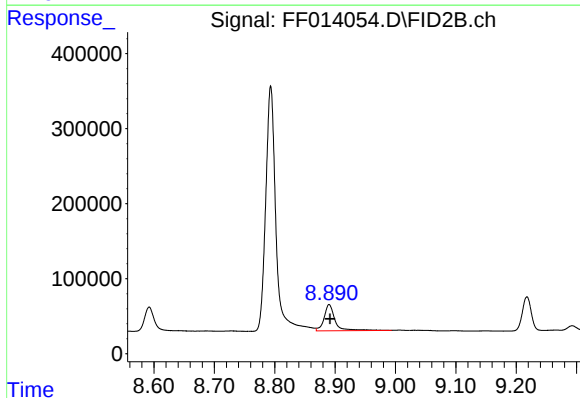
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 366572
Conc: 3.03 ug/ml



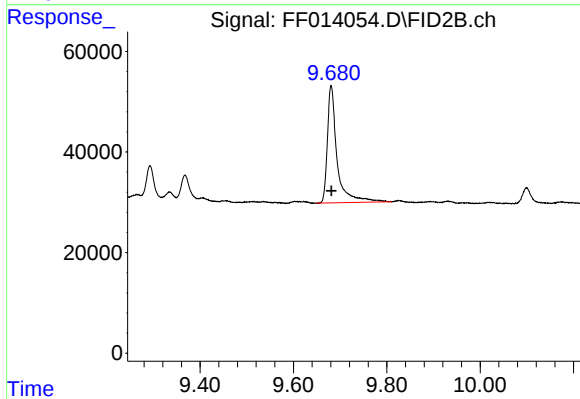
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.793 min
Delta R.T.: -0.003 min
Response: 3813365
Conc: 51.86 ug/ml



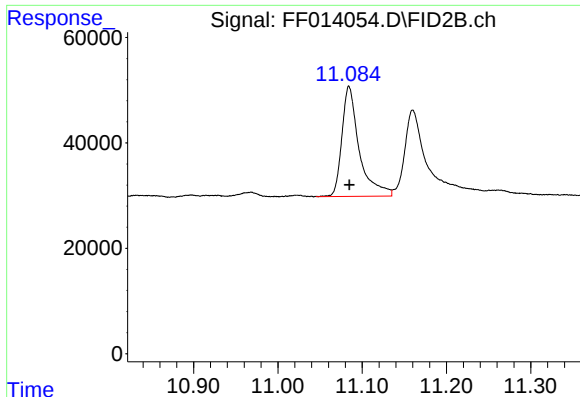
#7 Acenaphthene (C15.5)

R.T.: 8.890 min
Delta R.T.: -0.001 min
Response: 439951
Conc: 3.31 ug/ml



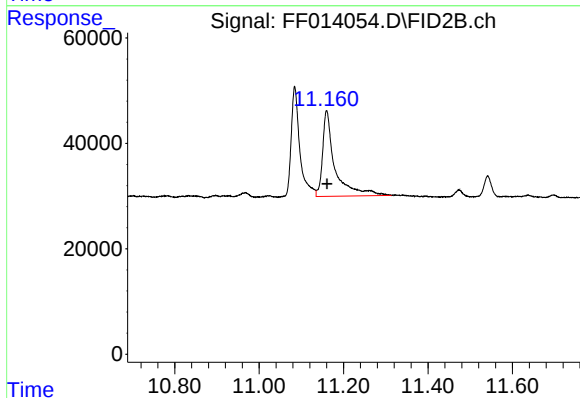
#8 Fluorene (C16.55)

R.T.: 9.681 min
Delta R.T.: 0.000 min
Response: 336497
Conc: 2.70 ug/ml



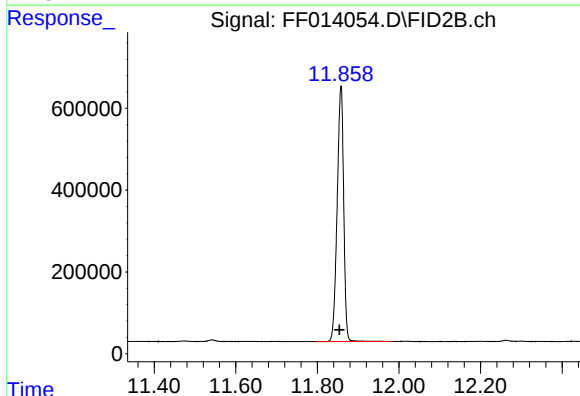
#9 Phenanthrene (C19.36)

R.T.: 11.085 min
Delta R.T.: 0.000 min
Response: 299578
Conc: 2.49 ug/ml



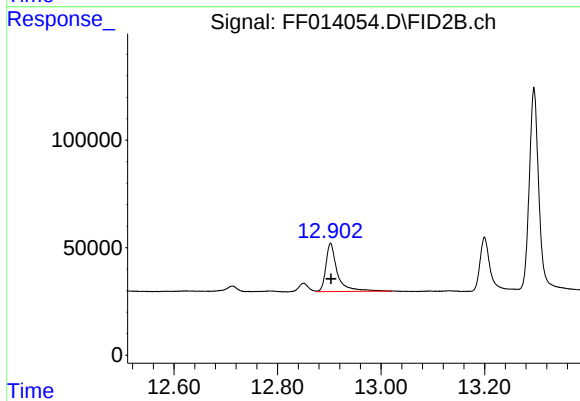
#10 Anthracene (C19.43)

R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 332868
Conc: 3.17 ug/ml



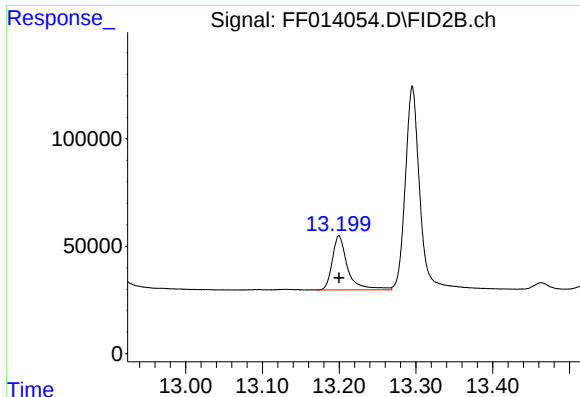
#11 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: 0.004 min
Response: 6911055
Conc: 46.32 ug/ml



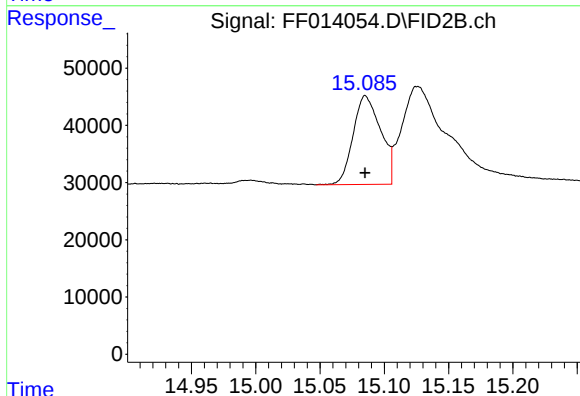
#12 Fluoranthene (C21.85)

R.T.: 12.903 min
Delta R.T.: 0.000 min
Response: 346840
Conc: 2.73 ug/ml



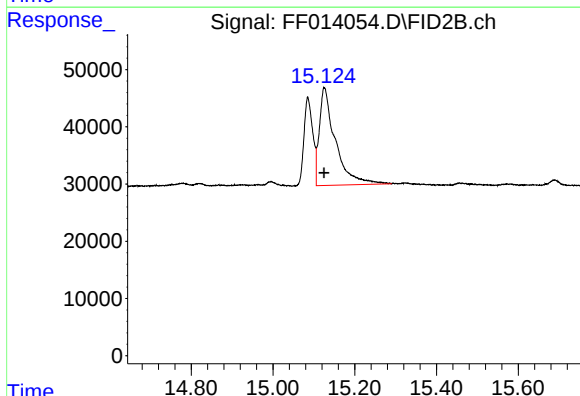
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 350978
Conc: 2.85 ug/ml m



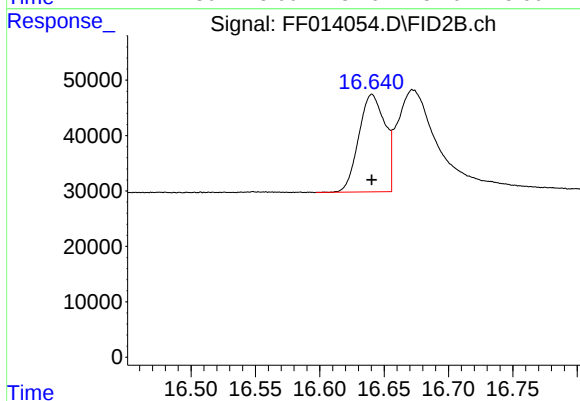
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.086 min
Delta R.T.: 0.000 min
Response: 231792
Conc: 2.33 ug/ml



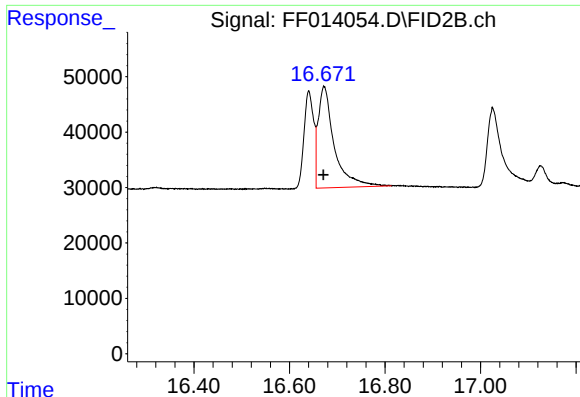
#15 Chrysene (C27.41)

R.T.: 15.126 min
Delta R.T.: 0.001 min
Response: 466402
Conc: 3.59 ug/ml



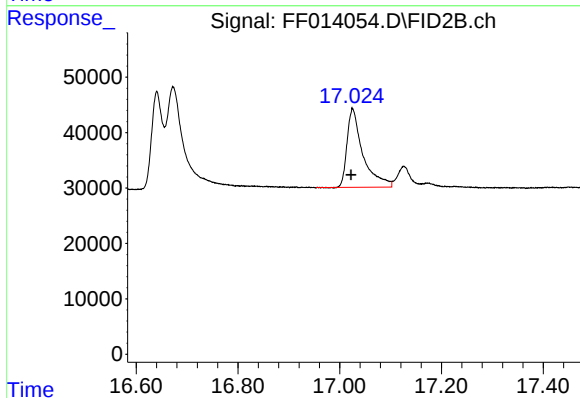
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.641 min
Delta R.T.: 0.000 min
Response: 249384
Conc: 2.32 ug/ml



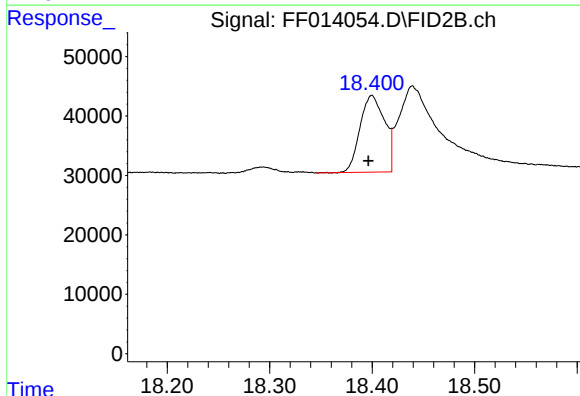
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.673 min
Delta R.T.: 0.002 min
Response: 425126
Conc: 3.37 ug/ml



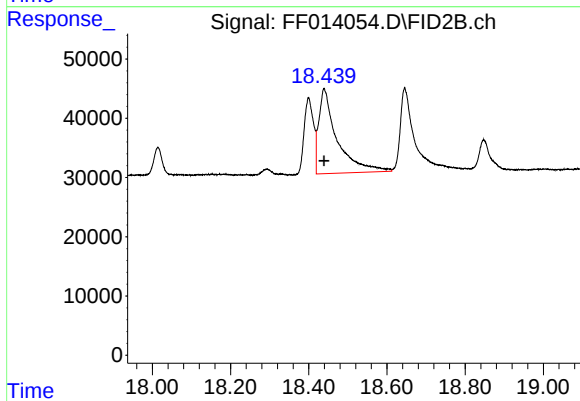
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.026 min
Delta R.T.: 0.003 min
Response: 306844
Conc: 2.78 ug/ml



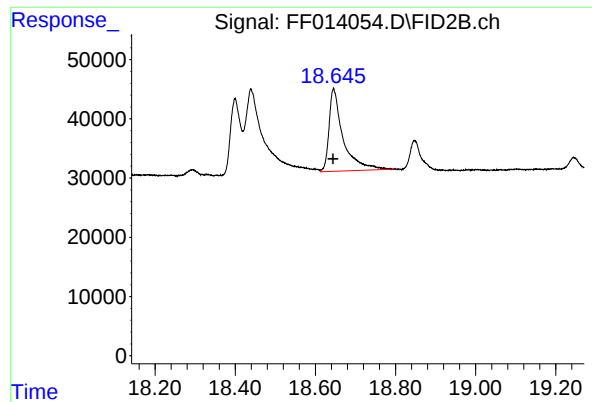
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.400 min
Delta R.T.: 0.003 min
Response: 215381
Conc: 2.35 ug/ml



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

R.T.: 18.440 min
Delta R.T.: 0.000 min
Response: 467514
Conc: 3.62 ug/ml



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

R.T.: 18.646 min
Delta R.T.: 0.001 min
Response: 340676
Conc: 2.93 ug/ml