

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012023AR\
 Data File : FD044861.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2023 00:43
 Operator : YP/AJ
 Sample : 01238-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 03:56:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 13:44:02 2023
 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...	7.667	7155611	40.668 ug/ml
Spiked Amount 50.000		Recovery =	81.34%
6) S 2-Fluorobiphenyl (SURR)	8.523	5077260	42.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.12%
11) S ortho-Terphenyl (SURR)	11.572	12338293	53.723 ug/ml
Spiked Amount 50.000		Recovery =	107.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.515	87425	0.467 ug/ml
2) T Naphthalene (C11.7)	6.014	55396	0.278 ug/ml
3) T 2-Methylnaphthalene (...)	7.063	272325	1.343 ug/ml
5) T Acenaphthylene (C15.06)	8.302	1448670	7.578 ug/ml
7) T Acenaphthene (C15.5)	8.587	11947296	59.872 ug/ml
8) T Fluorene (C16.55)	9.395	294137	1.478 ug/ml
9) T Phenanthrene (C19.36)	10.787	20133328	100.312 ug/ml
10) T Anthracene (C19.43)	10.861	1804508	9.418 ug/ml
12) T Fluoranthene (C21.85)	12.606	280099196	1385.169 ug/ml
13) T Pyrene (C20.8)	12.910	57705493	293.178 ug/ml
14) T Benzo[a]anthracene (C...	14.714	169435892	935.993 ug/ml
15) T Chrysene (C27.41)	14.810	146726079	778.819 ug/ml
16) T benzo[b]fluoranthene ...	16.239	138839779	768.666 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	144230044	811.245 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	110985842	632.500 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	13501281	80.495 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	13501281	81.550 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	18657477	112.451 ug/ml

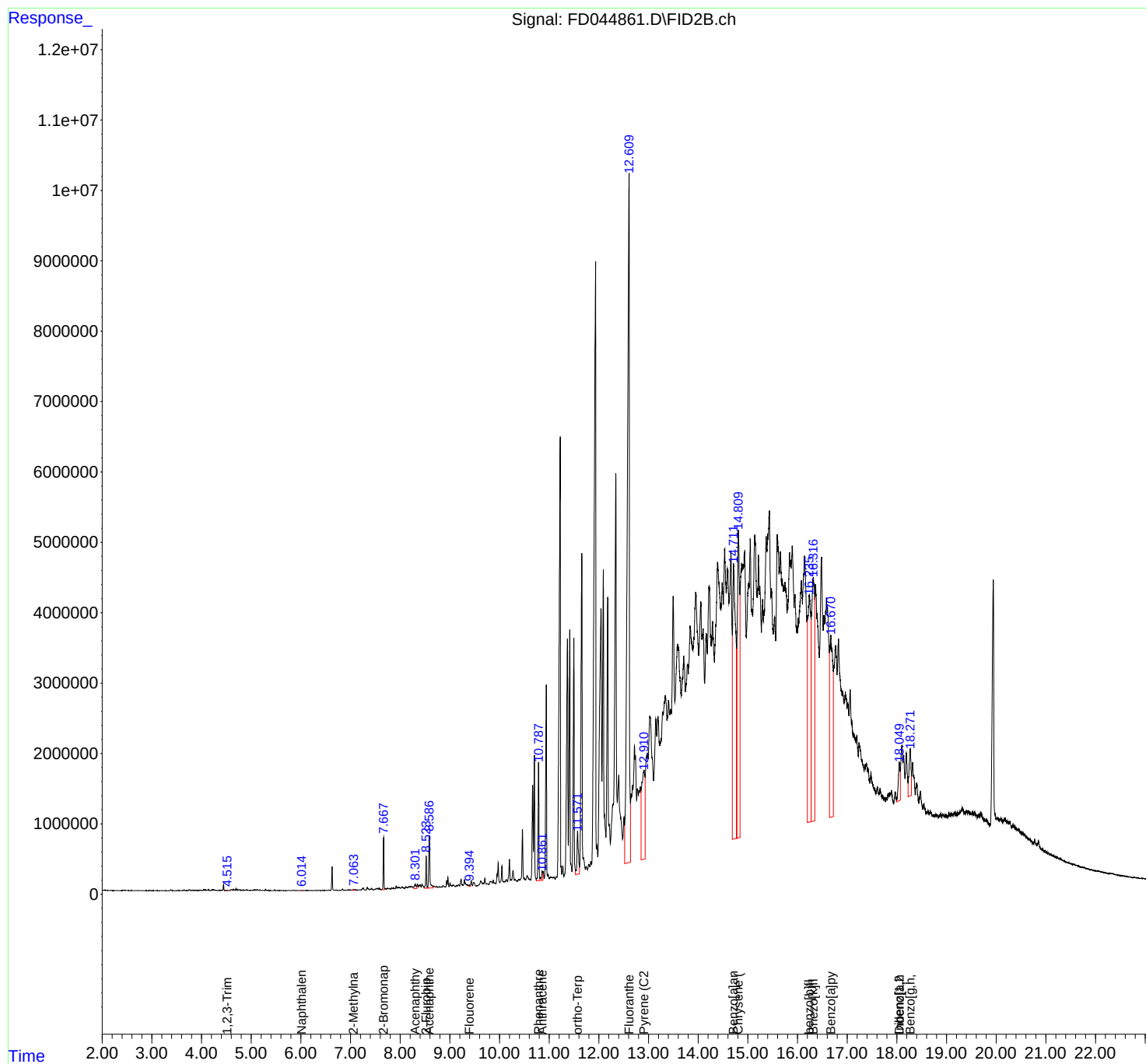
(f)=RT Delta > 1/2 Window

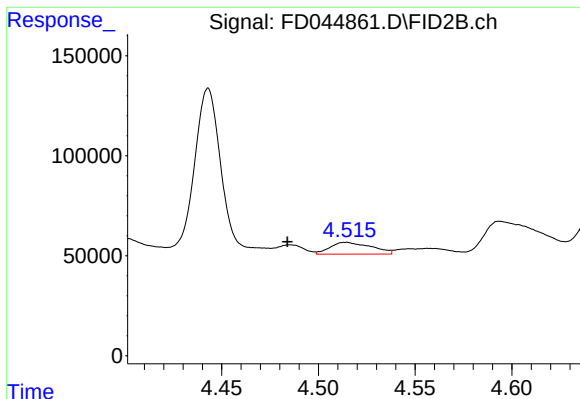
(m)=manual int.

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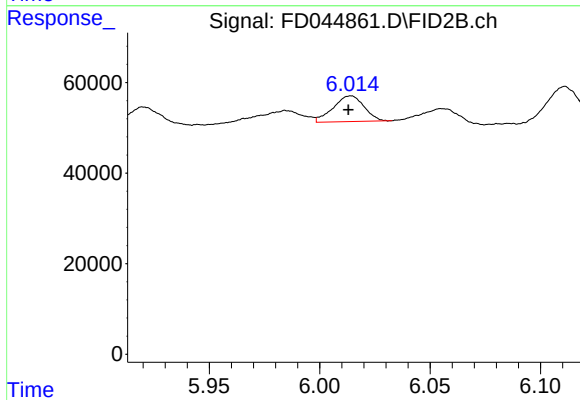
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





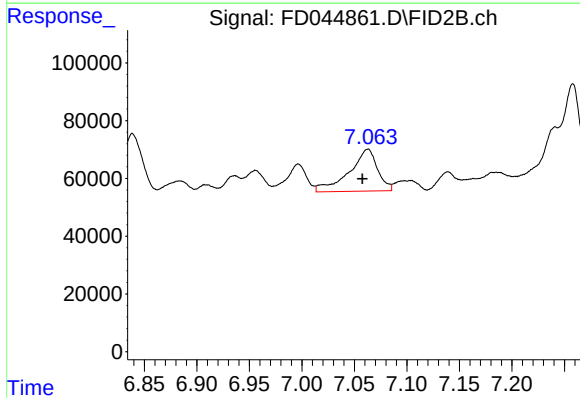
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.515 min
Delta R.T.: 0.031 min
Response: 87425
Conc: 0.47 ug/ml



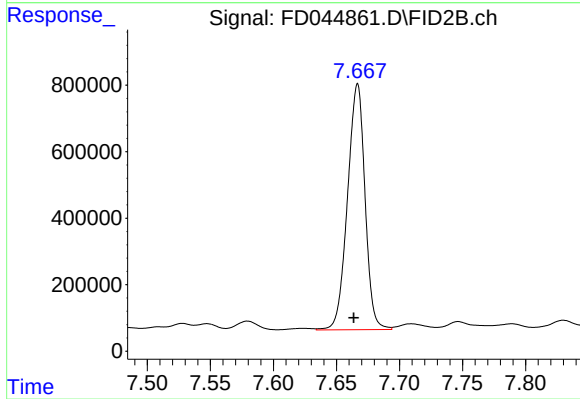
#2 Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 55396
Conc: 0.28 ug/ml



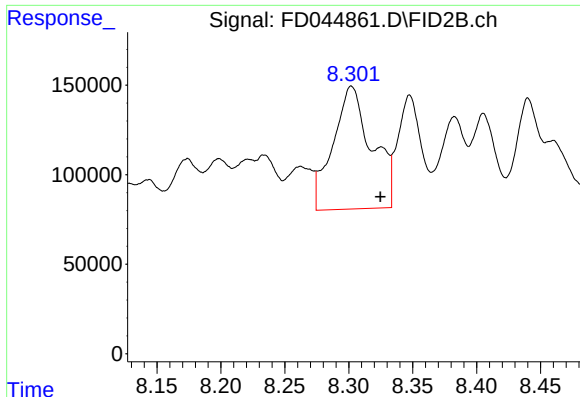
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.063 min
Delta R.T.: 0.005 min
Response: 272325
Conc: 1.34 ug/ml



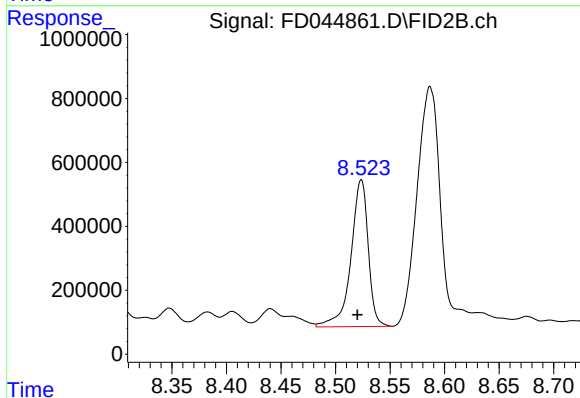
#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.003 min
Response: 7155611
Conc: 40.67 ug/ml



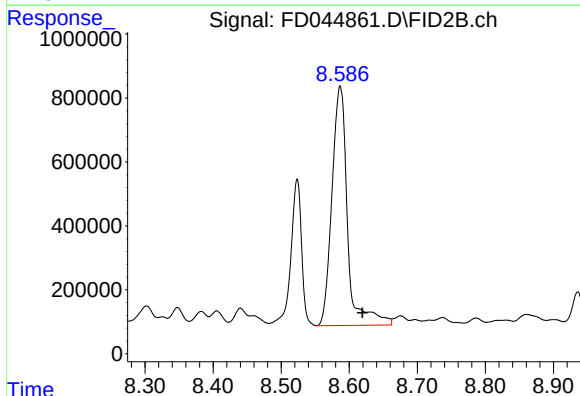
#5 Acenaphthylene (C15.06)

R.T.: 8.302 min
Delta R.T.: -0.023 min
Response: 1448670
Conc: 7.58 ug/ml



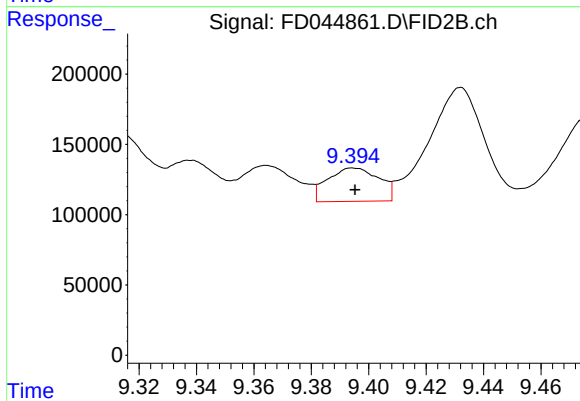
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.523 min
Delta R.T.: 0.003 min
Response: 5077260
Conc: 42.06 ug/ml



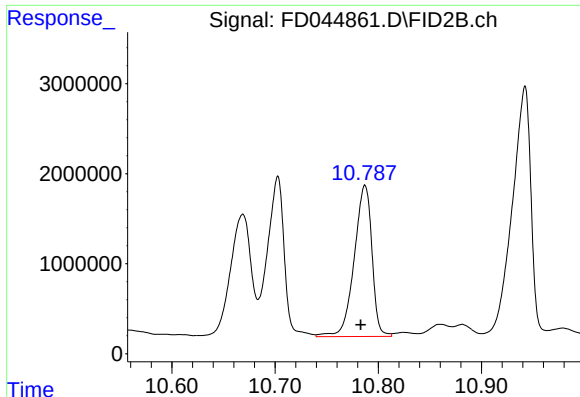
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.033 min
Response: 11947296
Conc: 59.87 ug/ml



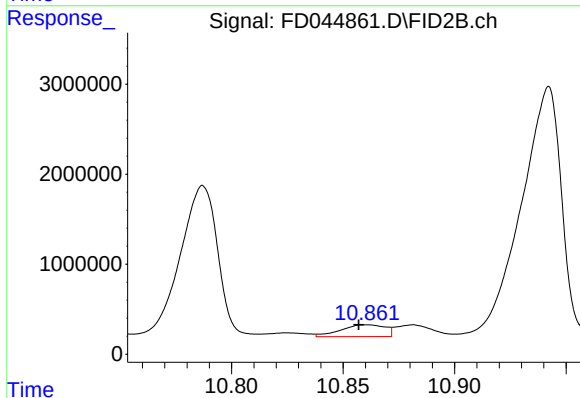
#8 Flouorene (C16.55)

R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 294137
Conc: 1.48 ug/ml



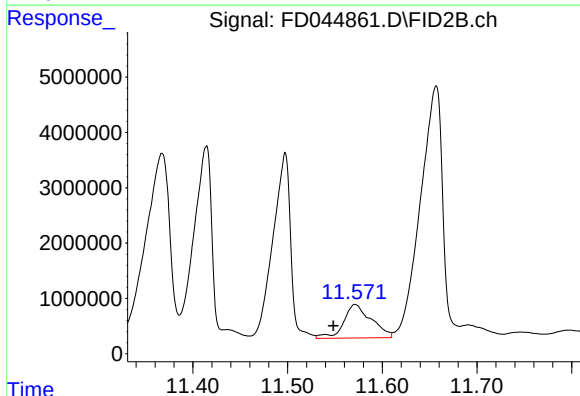
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: 0.004 min
Response: 20133328
Conc: 100.31 ug/ml



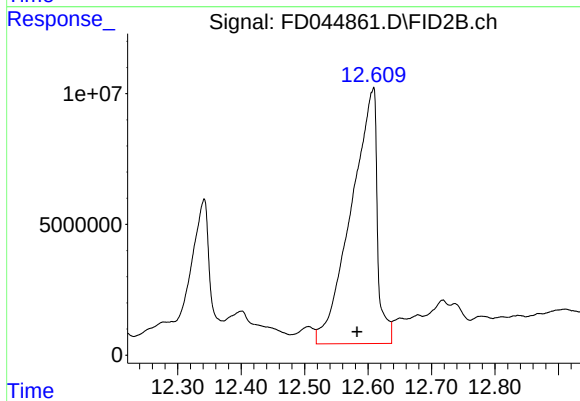
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.004 min
Response: 1804508
Conc: 9.42 ug/ml



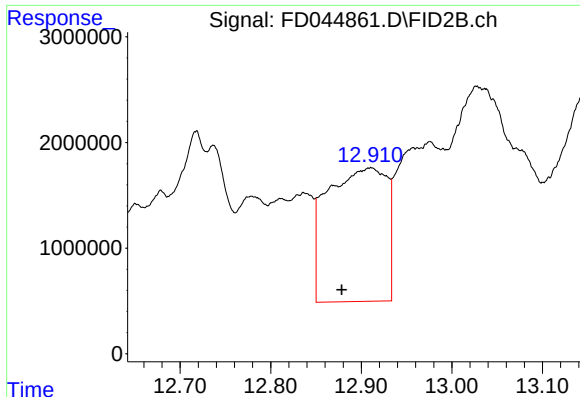
#11 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: 0.023 min
Response: 12338293
Conc: 53.72 ug/ml



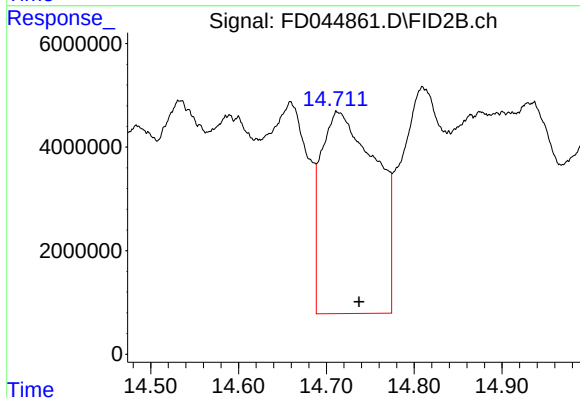
#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: 0.024 min
Response: 280099196
Conc: 1385.17 ug/ml



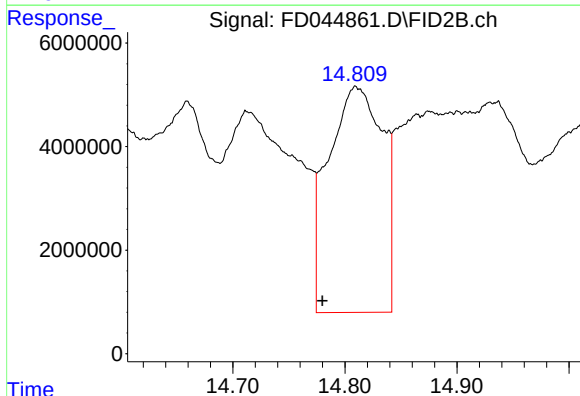
#13 Pyrene (C20.8)

R.T.: 12.910 min
Delta R.T.: 0.032 min
Response: 57705493
Conc: 293.18 ug/ml



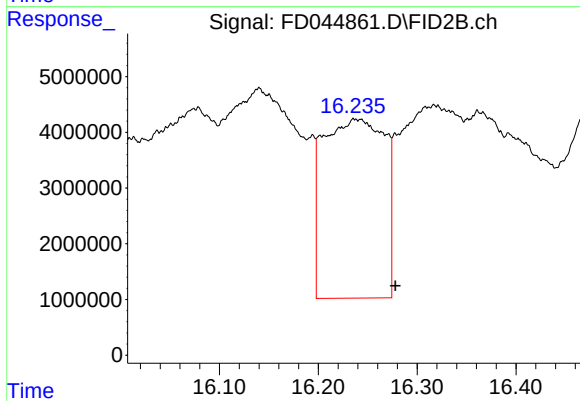
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.024 min
Response: 169435892
Conc: 935.99 ug/ml



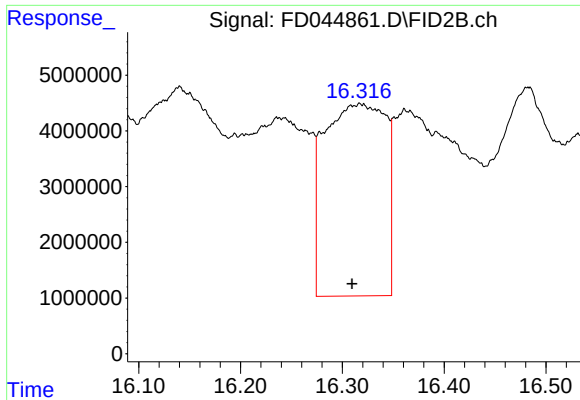
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.030 min
Response: 146726079
Conc: 778.82 ug/ml



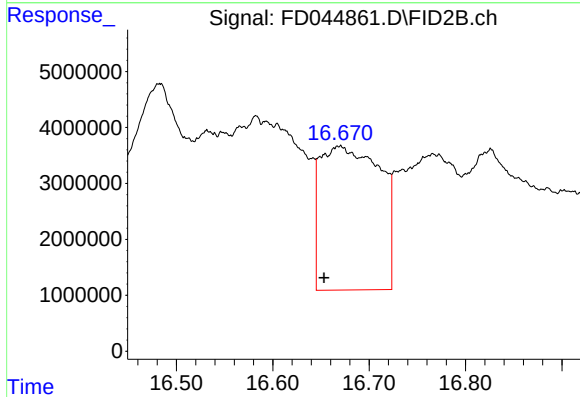
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.239 min
Delta R.T.: -0.039 min
Response: 138839779
Conc: 768.67 ug/ml



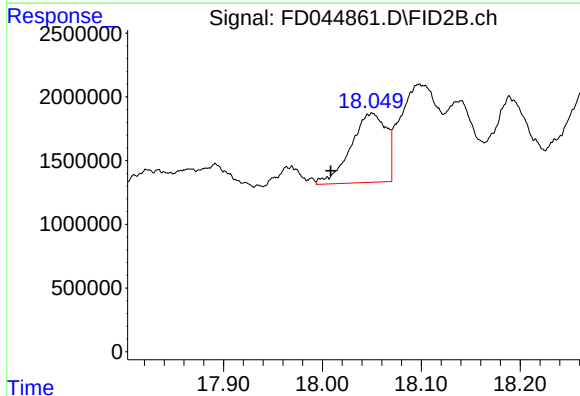
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.318 min
Delta R.T.: 0.008 min
Response: 144230044
Conc: 811.24 ug/ml



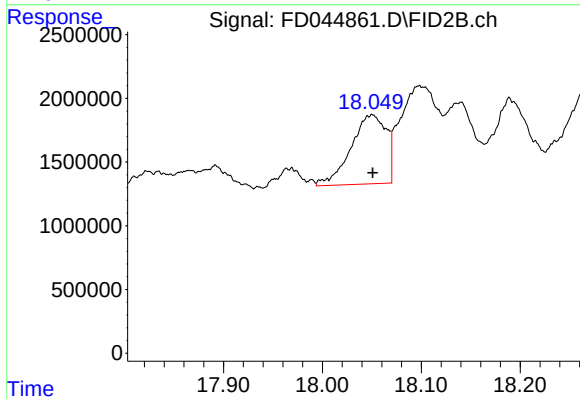
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: 0.016 min
Response: 110985842
Conc: 632.50 ug/ml



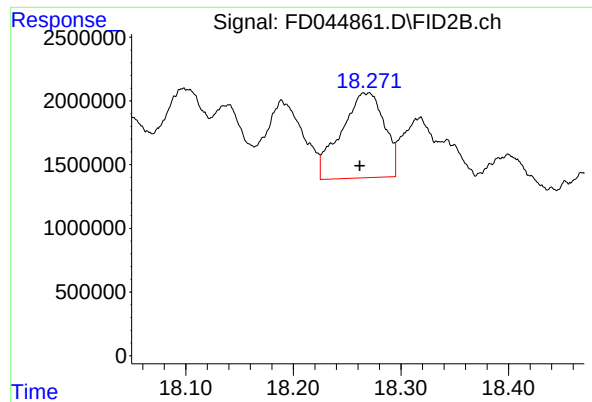
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.050 min
Delta R.T.: 0.041 min
Response: 13501281
Conc: 80.49 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 13501281
Conc: 81.55 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 18657477
Conc: 112.45 ug/ml