

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AR\
 Data File : FD043439.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2022 13:28
 Operator : YP/AJ
 Sample : N3953-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 03:27:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 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...	7.622	6018920	42.551 ug/ml
Spiked Amount 50.000		Recovery =	85.10%
6) S 2-Fluorobiphenyl (SURR)	8.486	2509550	26.398 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	52.80%
11) S ortho-Terphenyl (SURR)	11.533	5758533	33.975 ug/ml
Spiked Amount 50.000		Recovery =	67.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	37006	0.236 ug/ml
2) T Naphthalene (C11.7)	5.955	550280	3.403 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	1024630	6.998 ug/ml
5) T Acenaphthylene (C15.06)	8.266	153412	0.945 ug/ml
7) T Acenaphthene (C15.5)	8.541	273853	1.694 ug/ml
8) T Flouorene (C16.55)	9.375	70753	0.452 ug/ml
9) T Phenanthrene (C19.36)	10.763	27554	0.176 ug/ml
10) T Anthracene (C19.43)	10.829	56380	0.366 ug/ml
12) T Fluoranthene (C21.85)	12.583	78629	0.496 ug/ml
13) T Pyrene (C20.8)	12.878	88642	0.564 ug/ml
14) T Benzo[a]anthracene (C...	14.722	687977	4.663 ug/ml
15) T Chrysene (C27.41)	14.793	246316	1.576 ug/ml
16) T benzo[b]fluoranthene ...	16.311	399369	2.670 ug/ml
17) T Bnezo[k]fluoranthene ...	16.311	399369	2.662 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.626	1385402	9.801 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	119518	1.011 ug/ml
20) T Dibenz[a,h]anthracene...	18.067	181680	1.281 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	141965	1.092 ug/ml

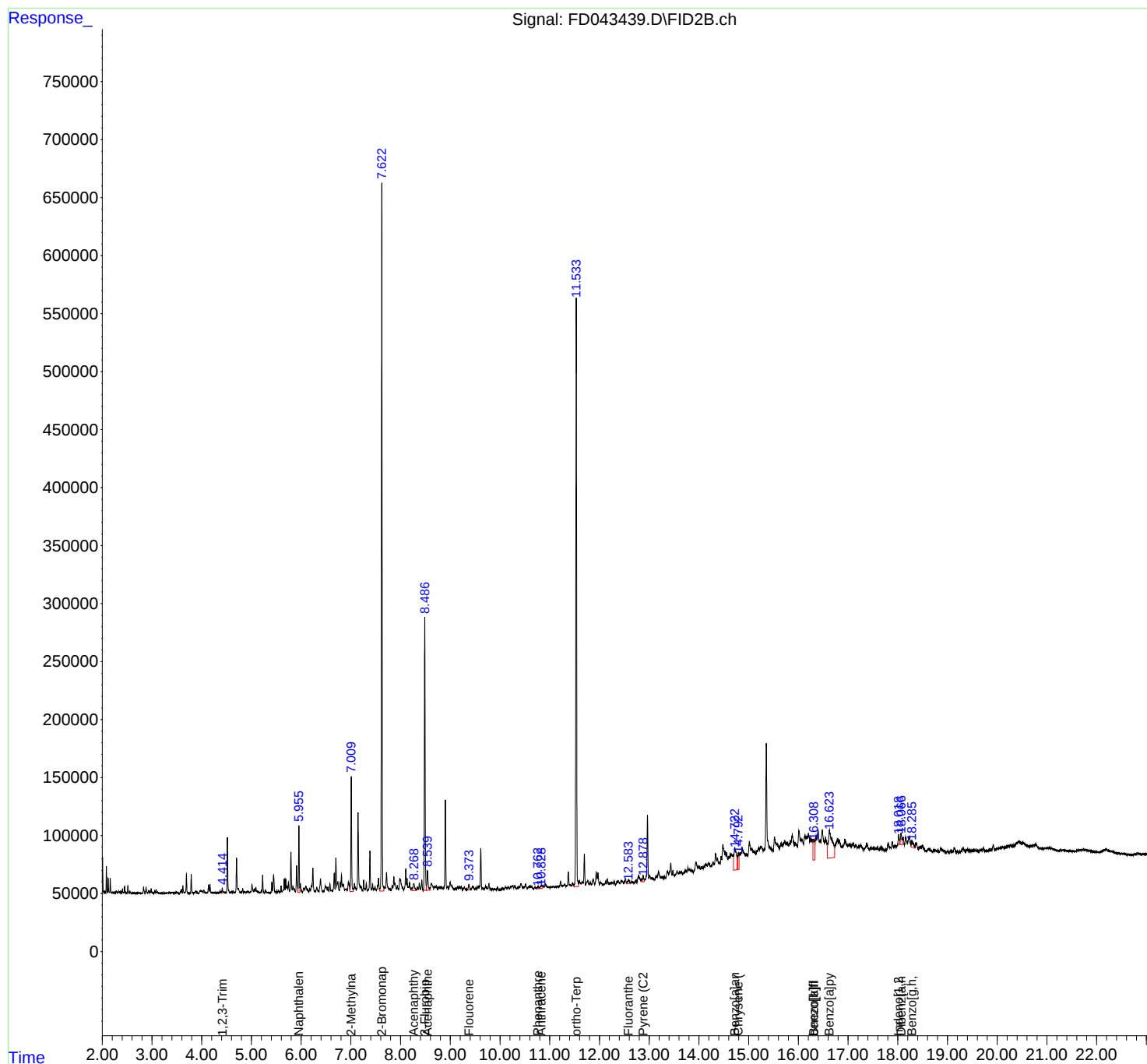
(f)=RT Delta > 1/2 Window

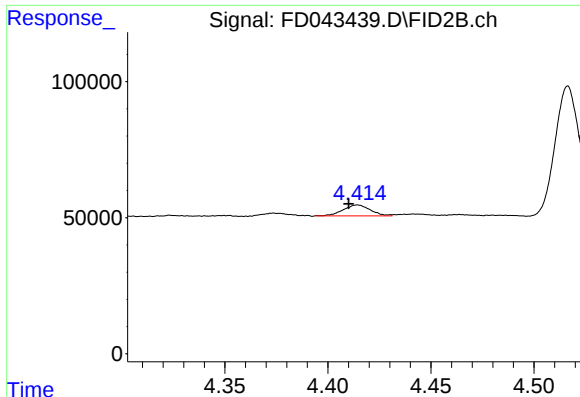
(m)=manual int.

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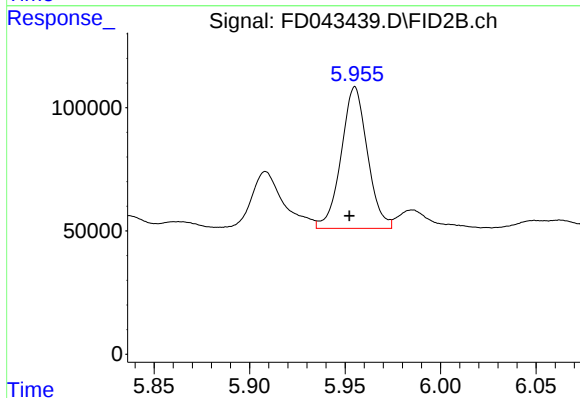
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





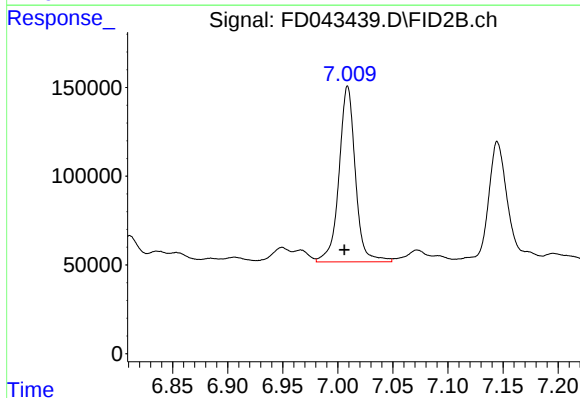
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: 0.004 min
Response: 37006
Conc: 0.24 ug/ml



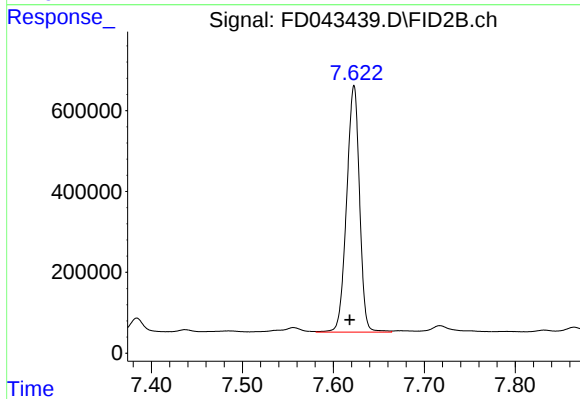
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 550280
Conc: 3.40 ug/ml



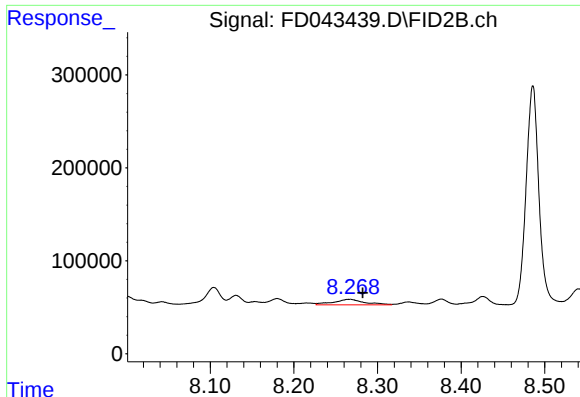
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: 0.003 min
Response: 1024630
Conc: 7.00 ug/ml



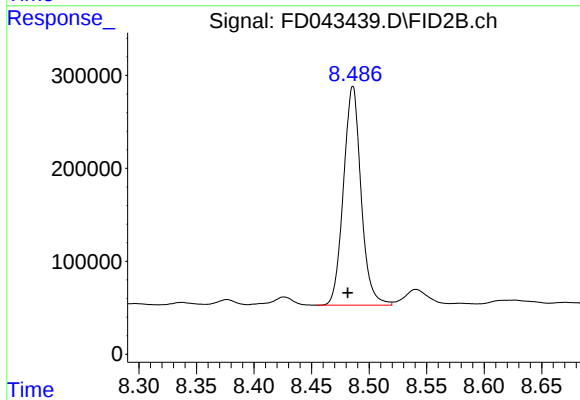
#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: 0.004 min
Response: 6018920
Conc: 42.55 ug/ml



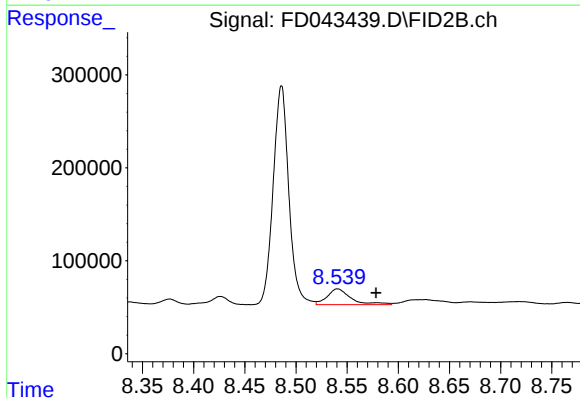
#5 Acenaphthylene (C15.06)

R.T.: 8.266 min
Delta R.T.: -0.016 min
Response: 153412
Conc: 0.95 ug/ml



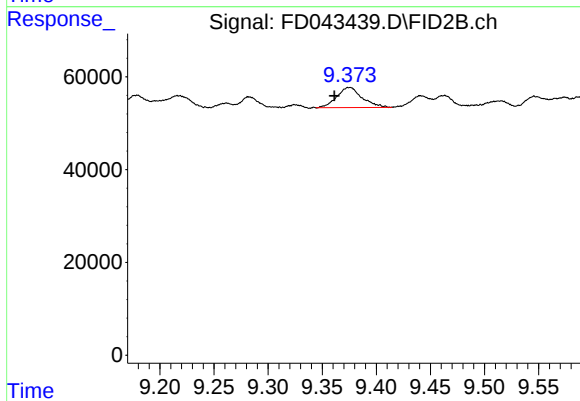
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: 0.004 min
Response: 2509550
Conc: 26.40 ug/ml



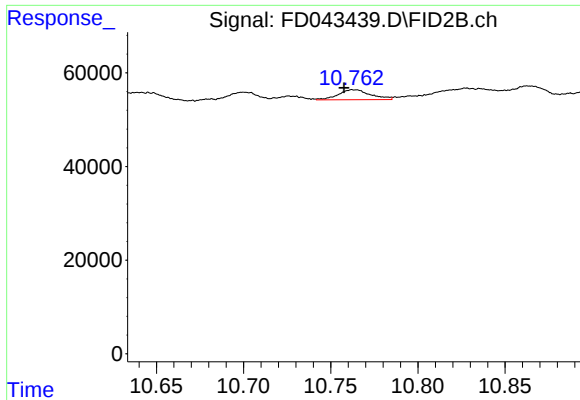
#7 Acenaphthene (C15.5)

R.T.: 8.541 min
Delta R.T.: -0.037 min
Response: 273853
Conc: 1.69 ug/ml



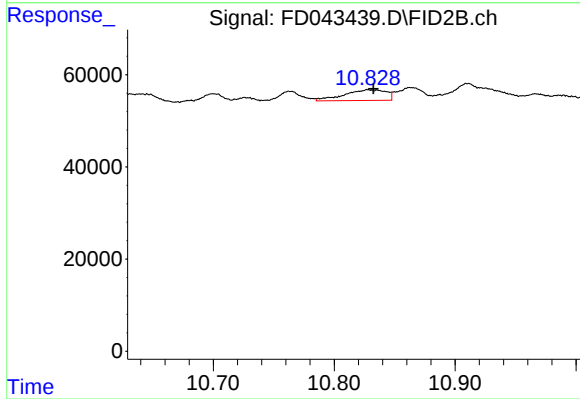
#8 Flouorene (C16.55)

R.T.: 9.375 min
Delta R.T.: 0.014 min
Response: 70753
Conc: 0.45 ug/ml



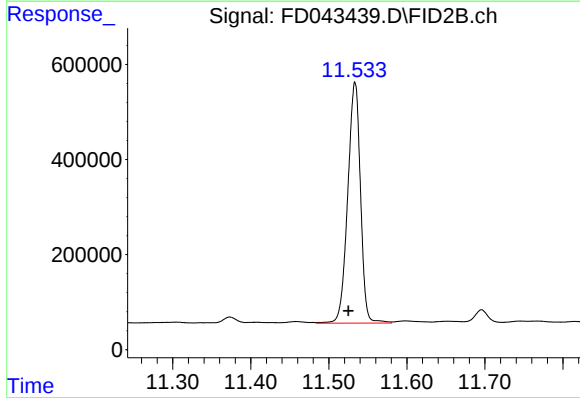
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: 0.006 min
Response: 27554
Conc: 0.18 ug/ml



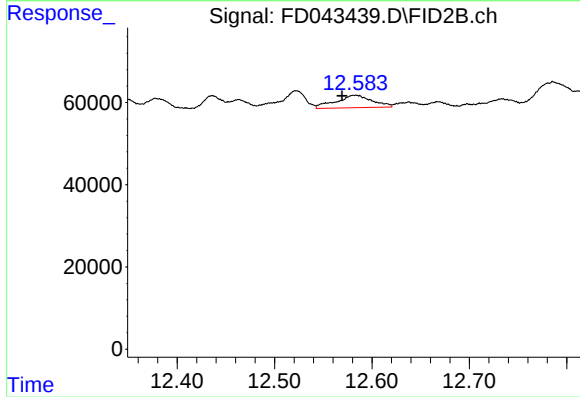
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.003 min
Response: 56380
Conc: 0.37 ug/ml



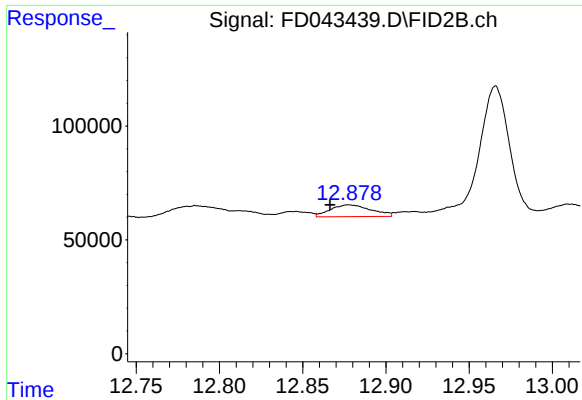
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.008 min
Response: 5758533
Conc: 33.98 ug/ml



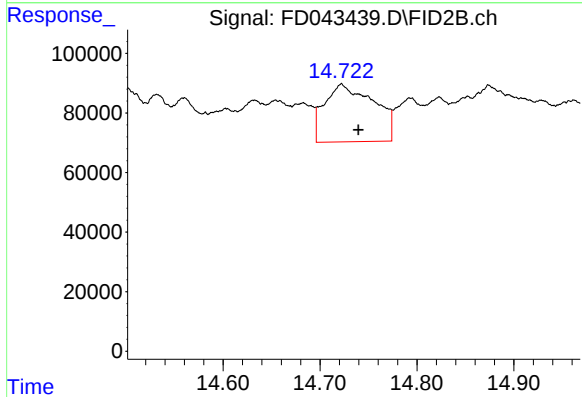
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: 0.014 min
Response: 78629
Conc: 0.50 ug/ml



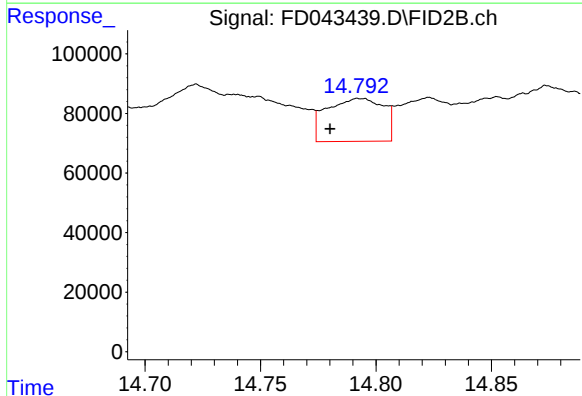
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: 0.012 min
Response: 88642
Conc: 0.56 ug/ml



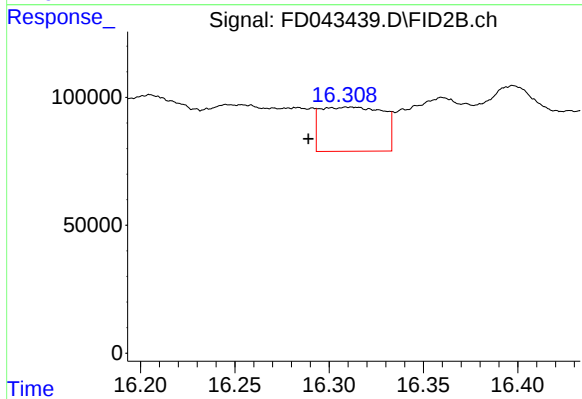
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.722 min
Delta R.T.: -0.017 min
Response: 687977
Conc: 4.66 ug/ml



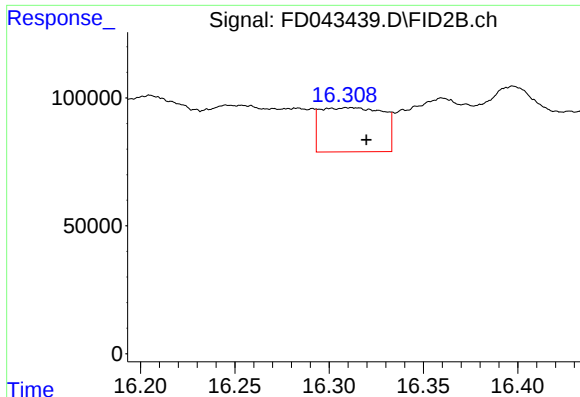
#15 Chrysene (C27.41)

R.T.: 14.793 min
Delta R.T.: 0.013 min
Response: 246316
Conc: 1.58 ug/ml



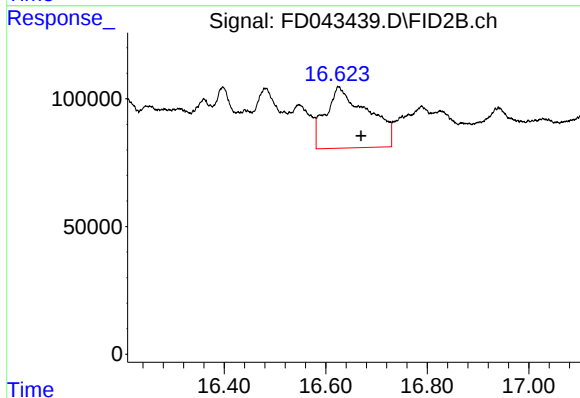
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.311 min
Delta R.T.: 0.022 min
Response: 399369
Conc: 2.67 ug/ml



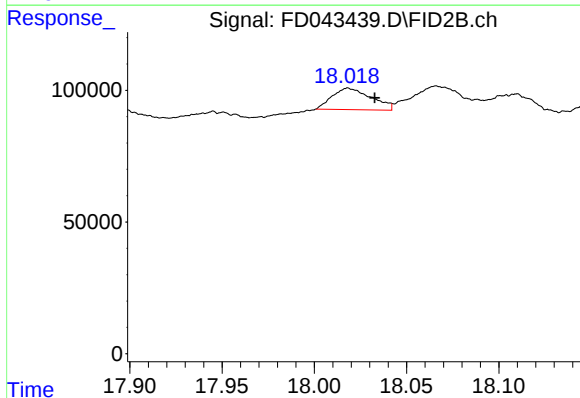
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.311 min
Delta R.T.: -0.009 min
Response: 399369
Conc: 2.66 ug/ml



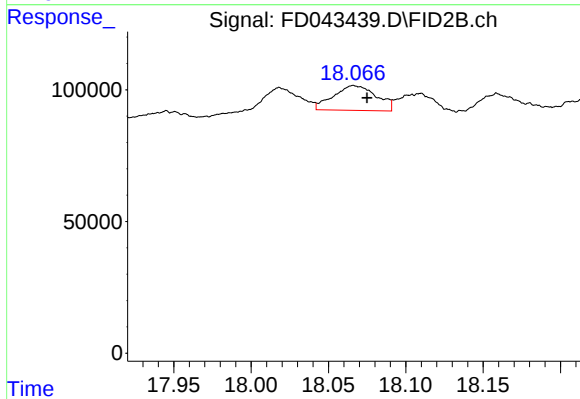
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.626 min
Delta R.T.: -0.044 min
Response: 1385402
Conc: 9.80 ug/ml



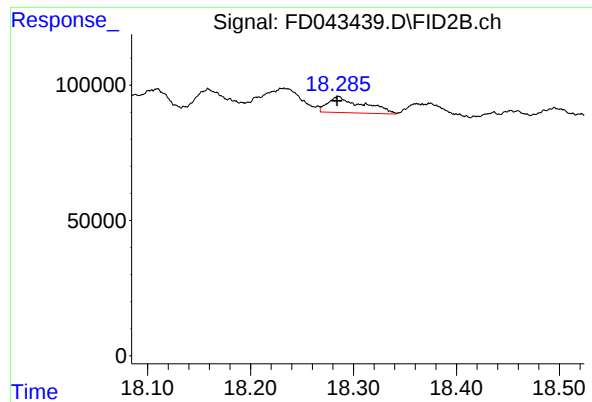
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: -0.014 min
Response: 119518
Conc: 1.01 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.008 min
Response: 181680
Conc: 1.28 ug/ml



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

R.T.: 18.285 min
Delta R.T.: 0.001 min
Response: 141965
Conc: 1.09 ug/ml