

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047168.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 09:21
 Operator : YP/AJ
 Sample : P1318-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 10:04:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.470	7956476	51.727 ug/ml
Spiked Amount 50.000		Recovery =	103.45%
6) S 2-Fluorobiphenyl (SURR)	8.321	4285995	41.953 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.91%
11) S ortho-Terphenyl (SURR)	11.360	7755908	43.531 ug/ml
Spiked Amount 50.000		Recovery =	87.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.247	21107	0.135 ug/ml
2) T Naphthalene (C11.7)	5.812	23986	0.143 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	79896	0.471 ug/ml
5) T Acenaphthylene (C15.06)	8.125	36076	0.233 ug/ml
7) T Acenaphthene (C15.5)	8.382	70030	0.424 ug/ml
8) T Flouorene (C16.55)	9.210	33963	0.213 ug/ml
9) T Phenanthrene (C19.36)	10.586	64177	0.405 ug/ml
12) T Fluoranthene (C21.85)	12.386	214237	1.343 ug/ml
13) T Pyrene (C20.8)	12.676	215905	1.397 ug/ml
14) T Benzo[a]anthracene (C...	14.545	72798	0.519 ug/ml
15) T Chrysene (C27.41)	14.585	90692	0.586 ug/ml
16) T benzo[b]fluoranthene ...	16.087	93305	0.643 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	38238	0.259 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	77349	0.541 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	274587	2.131 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	274587	1.937 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	51131	0.373 ug/ml

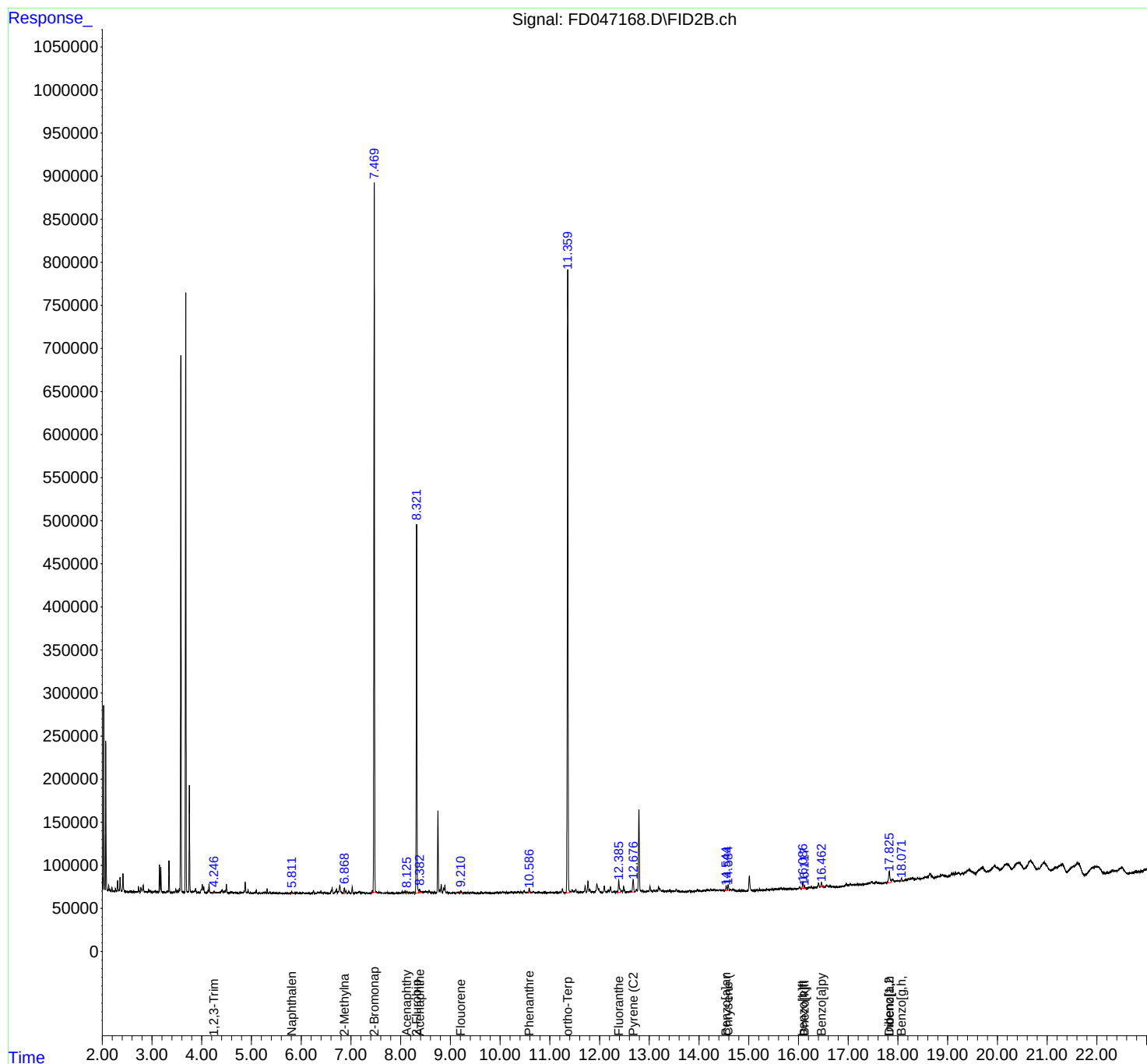
(f)=RT Delta > 1/2 Window

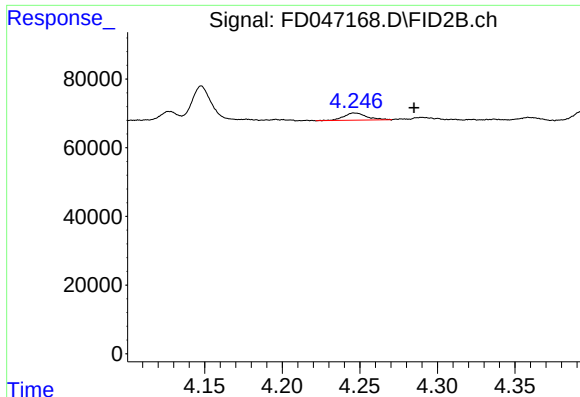
(m)=manual int.

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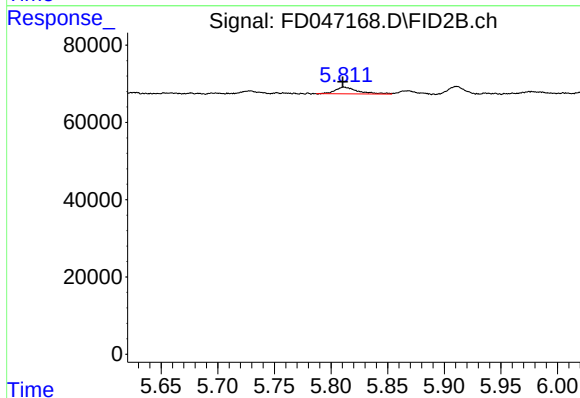
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





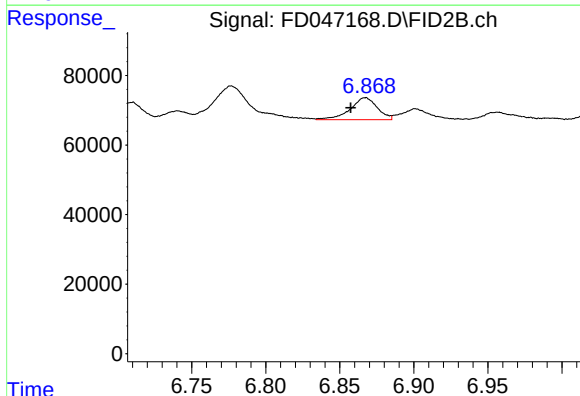
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.247 min
Delta R.T.: -0.038 min
Response: 21107
Conc: 0.14 ug/ml



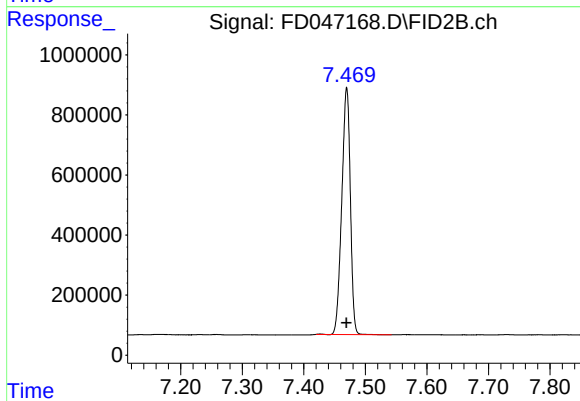
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.002 min
Response: 23986
Conc: 0.14 ug/ml



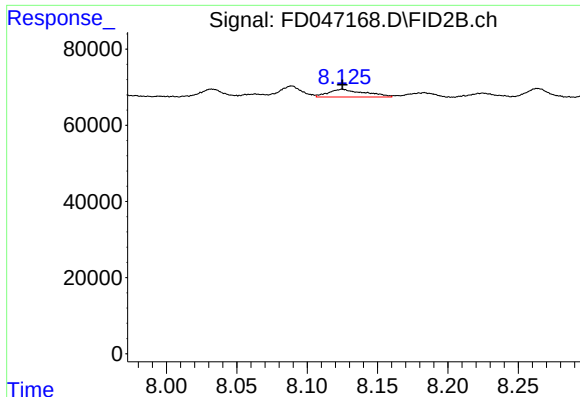
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: 0.010 min
Response: 79896
Conc: 0.47 ug/ml



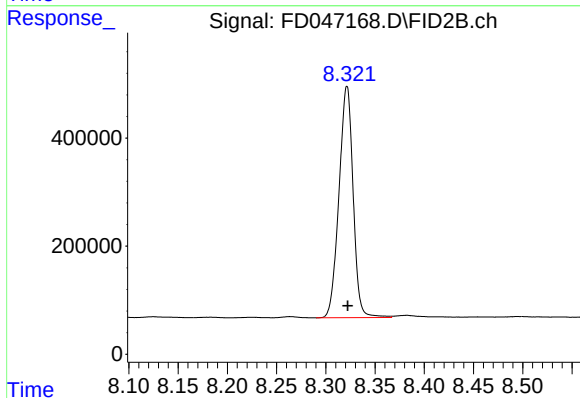
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 7956476
Conc: 51.73 ug/ml



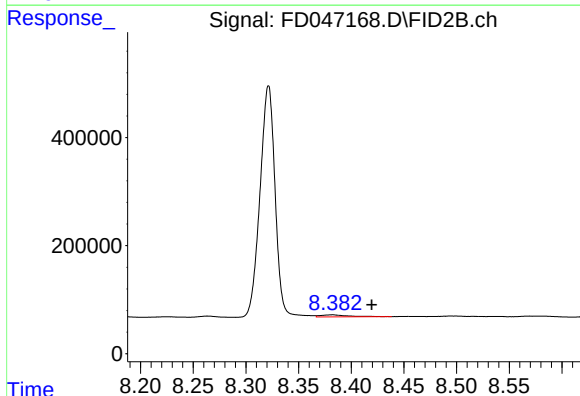
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 36076
Conc: 0.23 ug/ml



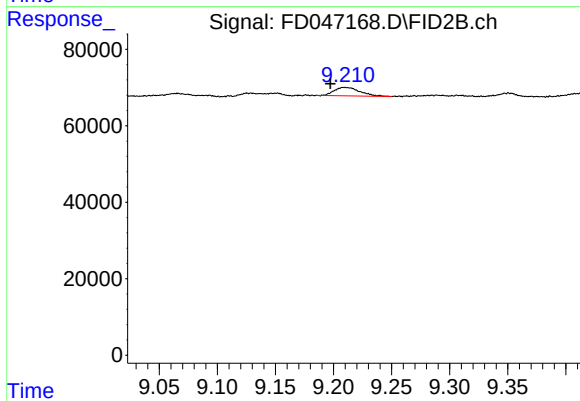
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 4285995
Conc: 41.95 ug/ml



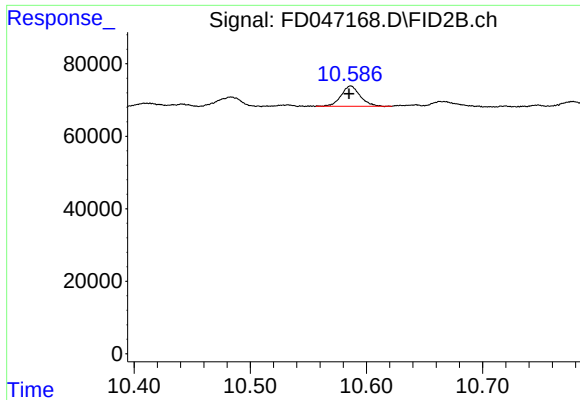
#7 Acenaphthene (C15.5)

R.T.: 8.382 min
Delta R.T.: -0.038 min
Response: 70030
Conc: 0.42 ug/ml



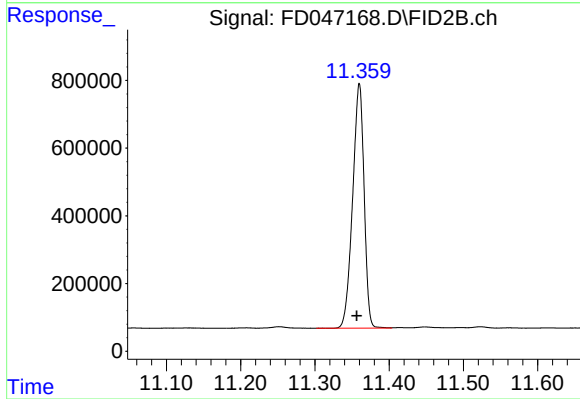
#8 Fluorene (C16.55)

R.T.: 9.210 min
Delta R.T.: 0.013 min
Response: 33963
Conc: 0.21 ug/ml



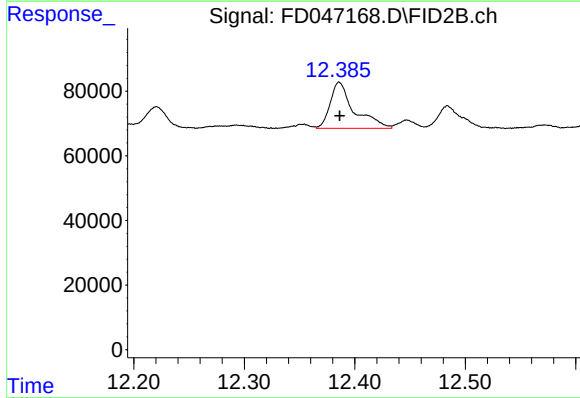
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.002 min
Response: 64177
Conc: 0.41 ug/ml



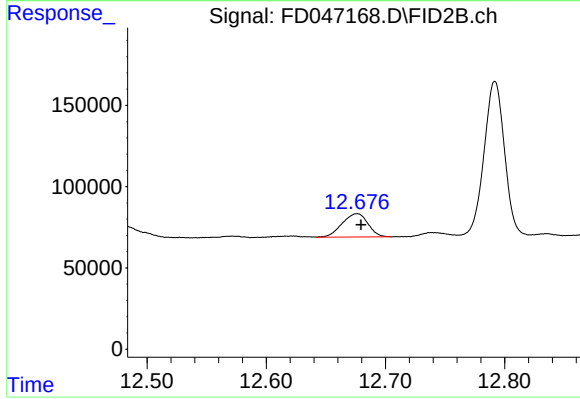
#11 ortho-Terphenyl (SURRE)

R.T.: 11.360 min
Delta R.T.: 0.003 min
Response: 7755908
Conc: 43.53 ug/ml



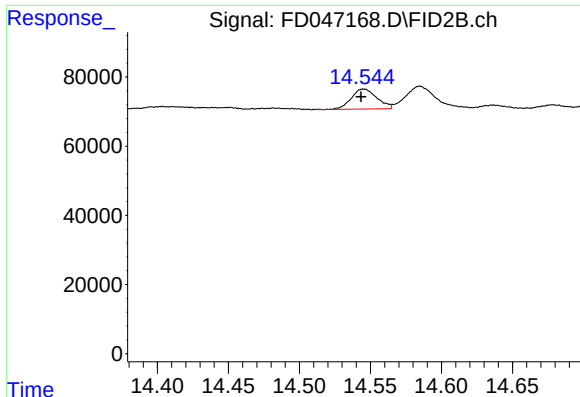
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 214237
Conc: 1.34 ug/ml



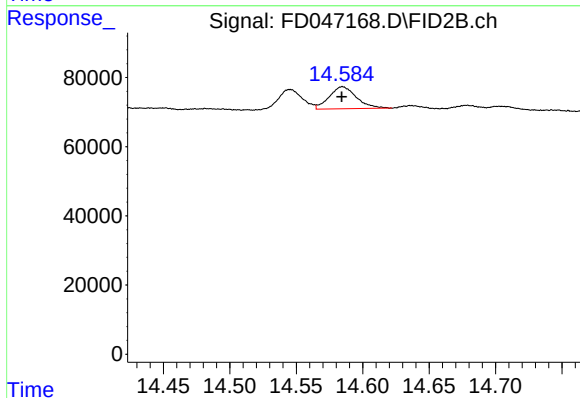
#13 Pyrene (C20.8)

R.T.: 12.676 min
Delta R.T.: -0.004 min
Response: 215905
Conc: 1.40 ug/ml



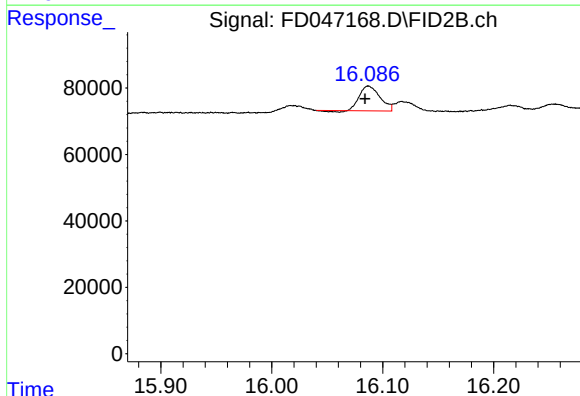
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 72798
Conc: 0.52 ug/ml



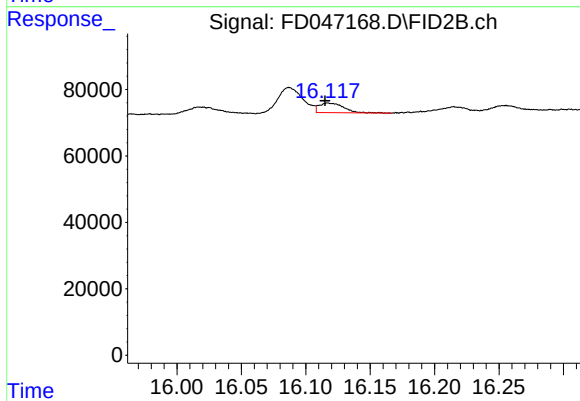
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 90692
Conc: 0.59 ug/ml



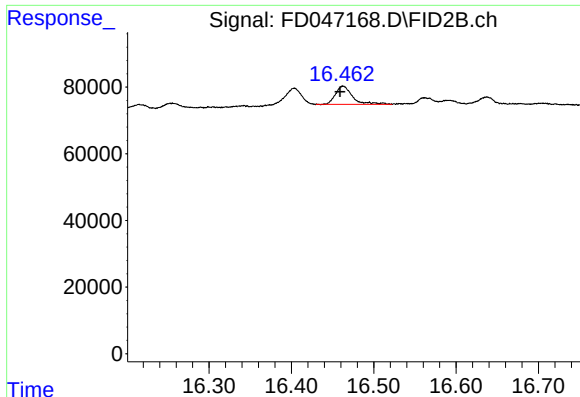
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 93305
Conc: 0.64 ug/ml



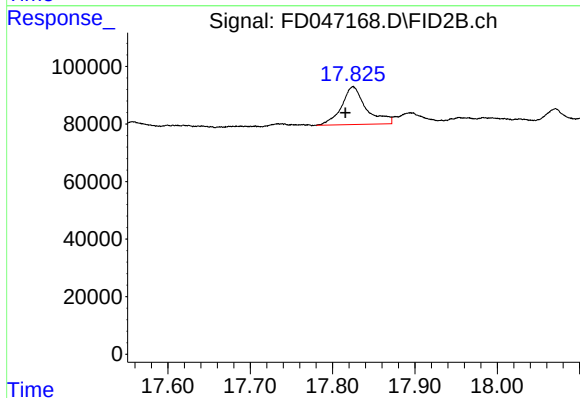
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 38238
Conc: 0.26 ug/ml



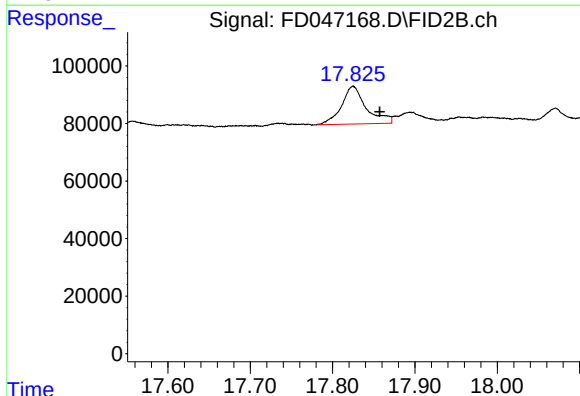
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.004 min
Response: 77349
Conc: 0.54 ug/ml



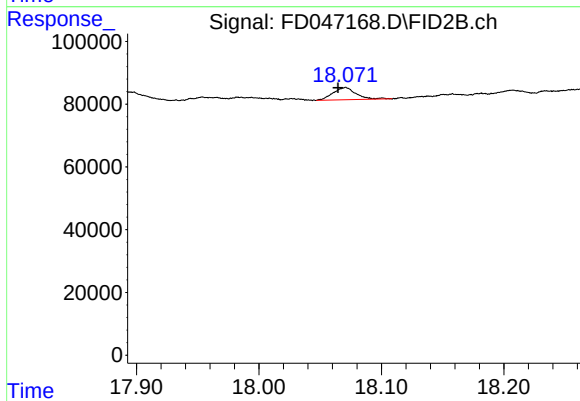
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: 0.009 min
Response: 274587
Conc: 2.13 ug/ml



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

R.T.: 17.825 min
Delta R.T.: -0.032 min
Response: 274587
Conc: 1.94 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.006 min
Response: 51131
Conc: 0.37 ug/ml