

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047151.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 17:50
 Operator : YP/AJ
 Sample : P1187-07
 Misc : LOD 4 PPM
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 06:41:00 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...	7.471	8145576	52.956 ug/ml
Spiked Amount 50.000		Recovery =	105.91%
6) S 2-Fluorobiphenyl (SURR)	8.324	5363219	52.497 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.99%
11) S ortho-Terphenyl (SURR)	11.363	8581174	48.163 ug/ml
Spiked Amount 50.000		Recovery =	96.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	621819	3.991 ug/ml
2) T Naphthalene (C11.7)	5.809	716089	4.275 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	740723	4.369 ug/ml
5) T Acenaphthylene (C15.06)	8.125	773799	4.992 ug/ml
7) T Acenaphthene (C15.5)	8.420	769754	4.661 ug/ml
8) T Flouorene (C16.55)	9.198	752201	4.713 ug/ml
9) T Phenanthrene (C19.36)	10.586	744838	4.705 ug/ml
10) T Anthracene (C19.43)	10.660	745075	4.860 ug/ml
12) T Fluoranthene (C21.85)	12.387	798071	5.002 ug/ml
13) T Pyrene (C20.8)	12.681	796011	5.150 ug/ml
14) T Benzo[a]anthracene (C...	14.545	723040	5.150 ug/ml
15) T Chrysene (C27.41)	14.585	767492	4.955 ug/ml
16) T benzo[b]fluoranthene ...	16.085	714731	4.927 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	751945	5.101 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	724376	5.067 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	618534	4.799 ug/mlm
20) T Dibenz[a,h]anthracene...	17.860	589890	4.161 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	624793	4.553 ug/ml

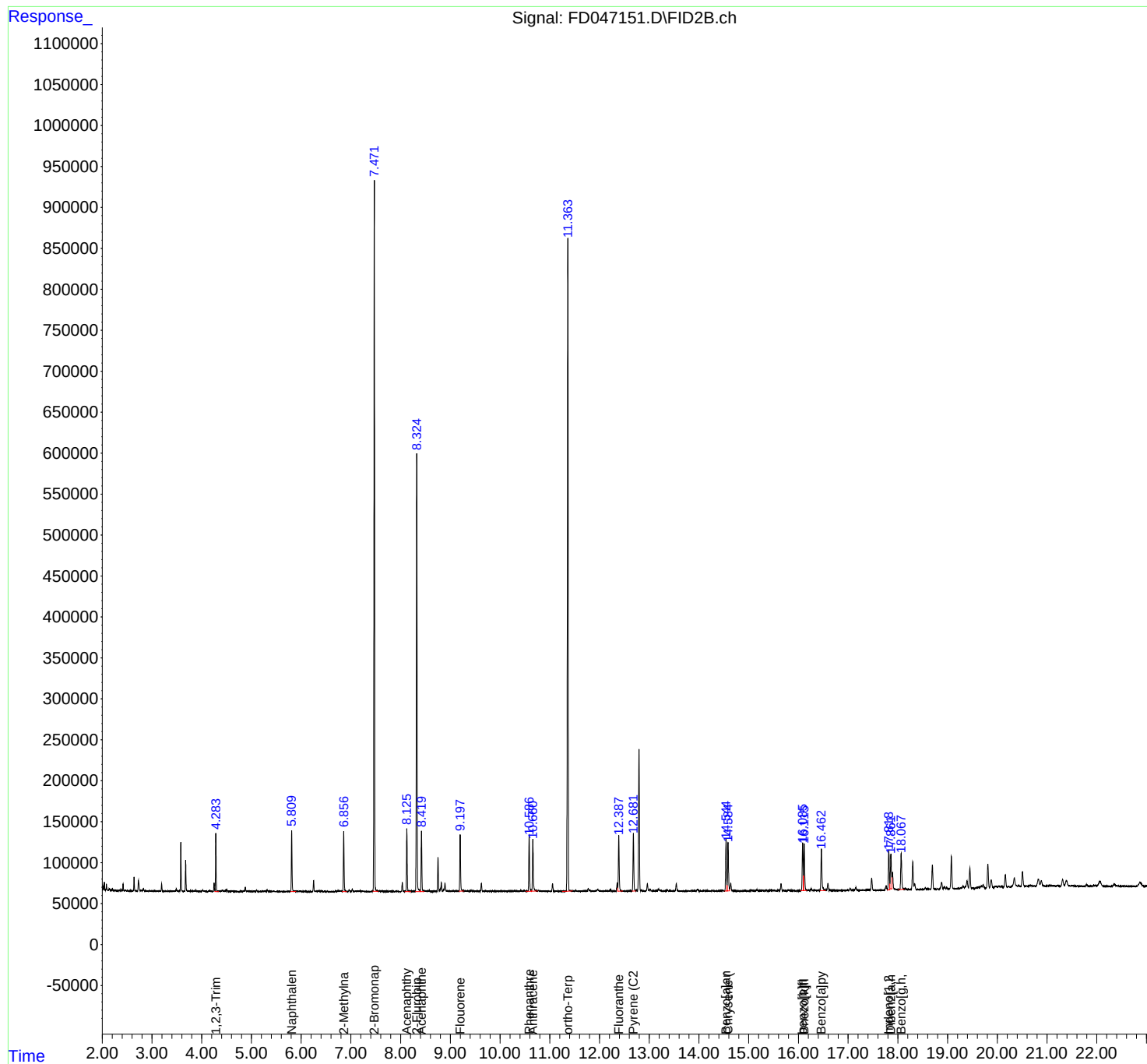
(f)=RT Delta > 1/2 Window

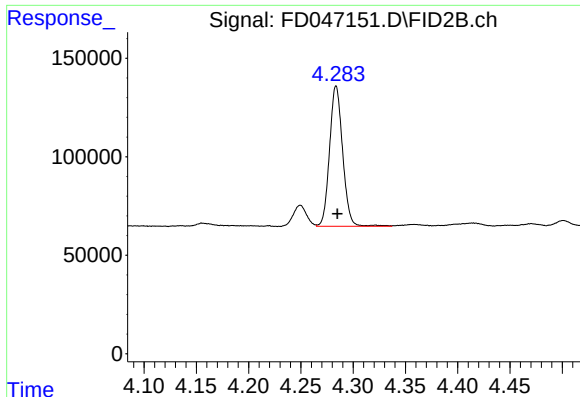
(m)=manual int.

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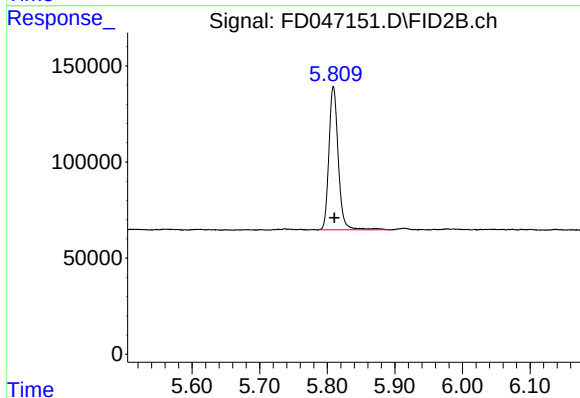
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





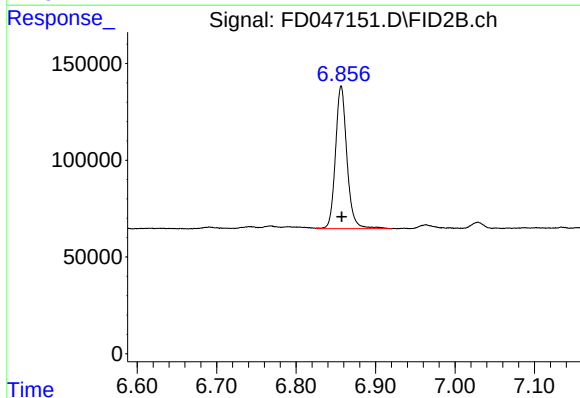
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: -0.001 min
Response: 621819
Conc: 3.99 ug/ml



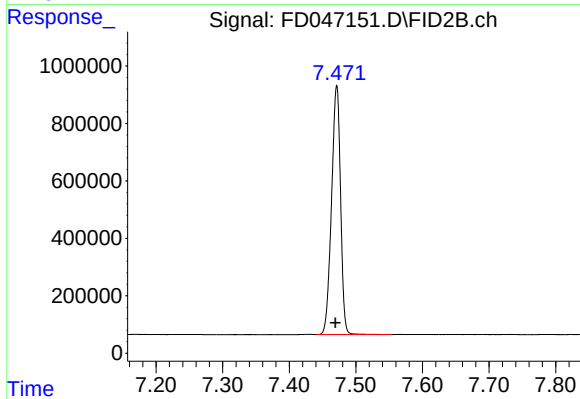
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 716089
Conc: 4.27 ug/ml



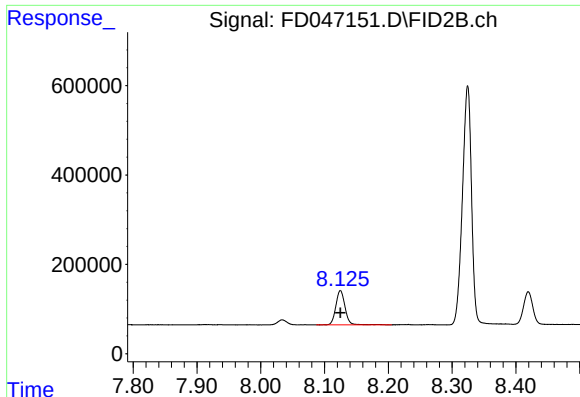
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 740723
Conc: 4.37 ug/ml



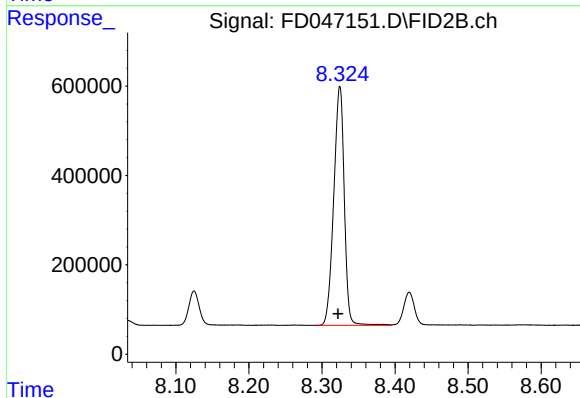
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 8145576
Conc: 52.96 ug/ml



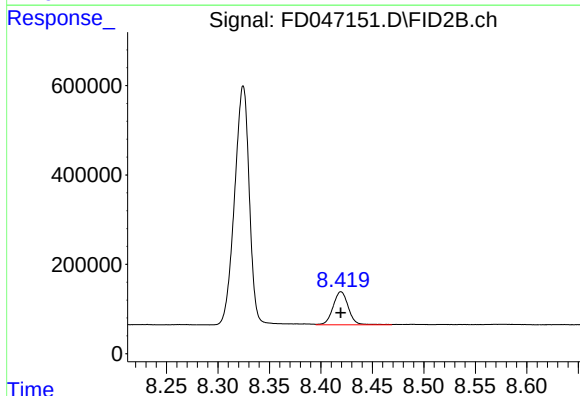
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 773799
Conc: 4.99 ug/ml



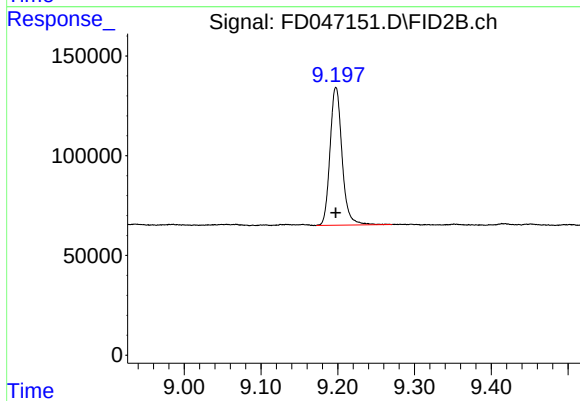
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5363219
Conc: 52.50 ug/ml



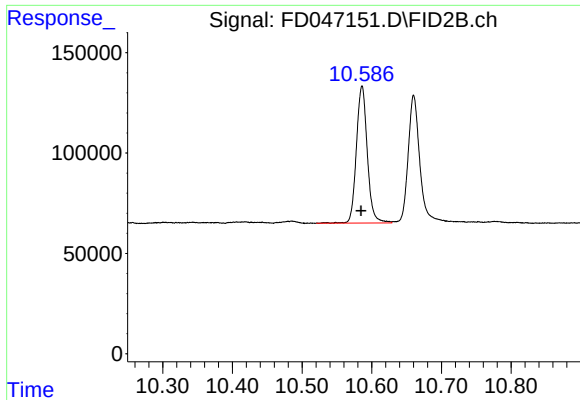
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 769754
Conc: 4.66 ug/ml



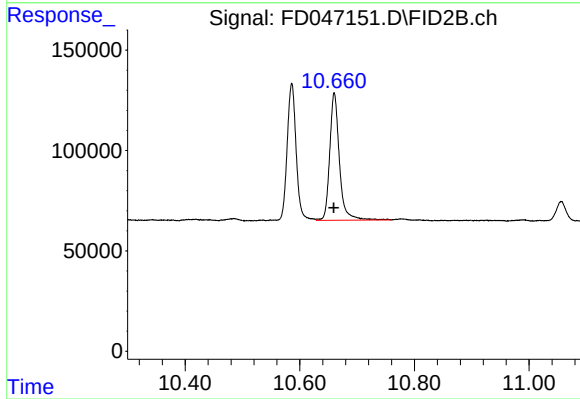
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 752201
Conc: 4.71 ug/ml



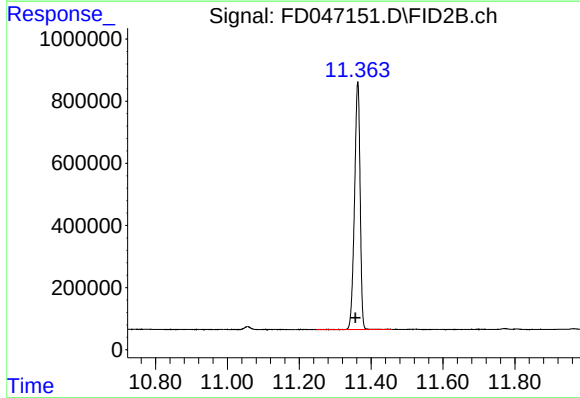
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.001 min
Response: 744838
Conc: 4.71 ug/ml



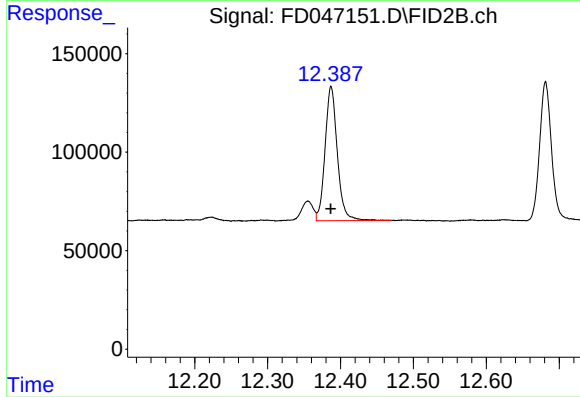
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 745075
Conc: 4.86 ug/ml



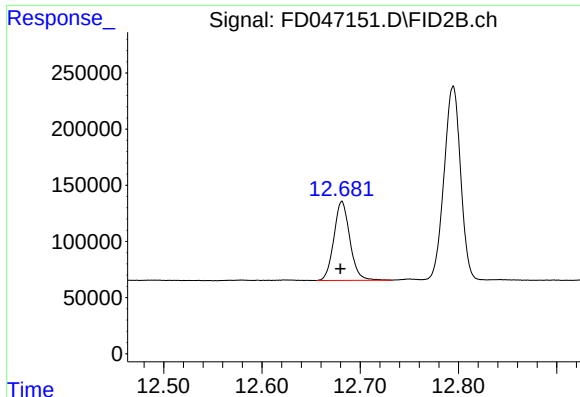
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.006 min
Response: 8581174
Conc: 48.16 ug/ml



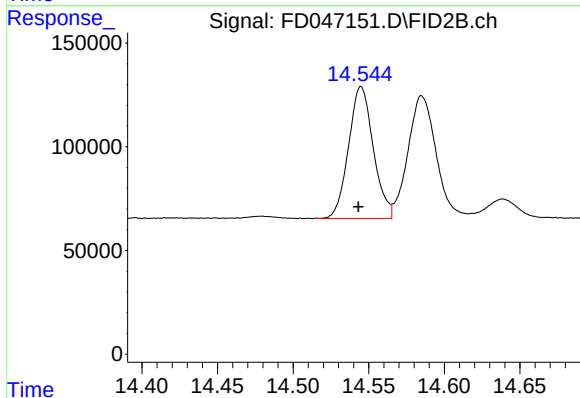
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 798071
Conc: 5.00 ug/ml



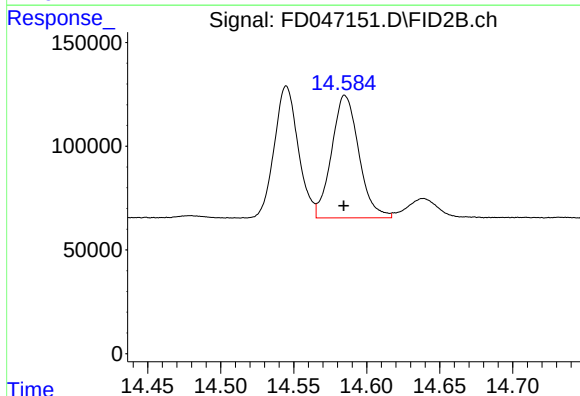
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.002 min
Response: 796011
Conc: 5.15 ug/ml



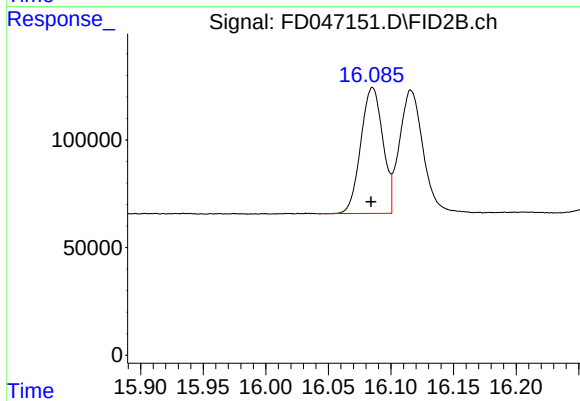
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 723040
Conc: 5.15 ug/ml



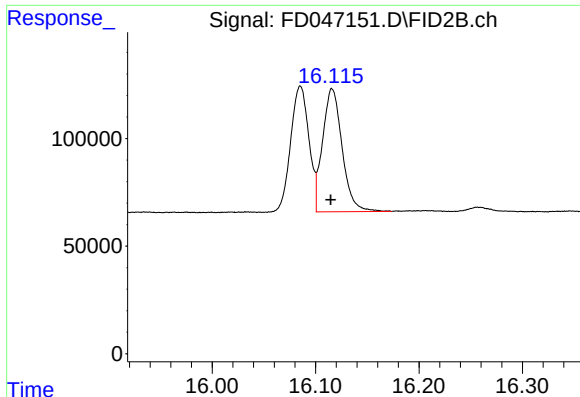
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.001 min
Response: 767492
Conc: 4.96 ug/ml



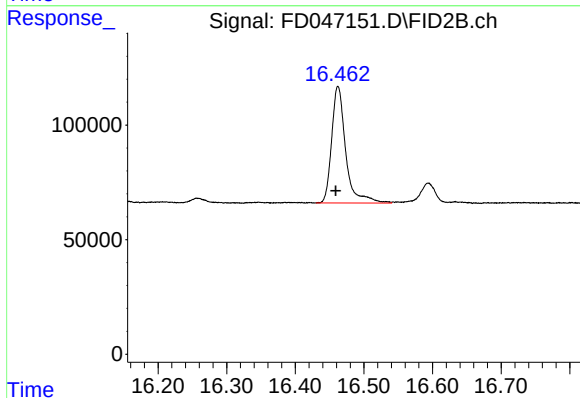
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.085 min
Delta R.T.: 0.001 min
Response: 714731
Conc: 4.93 ug/ml



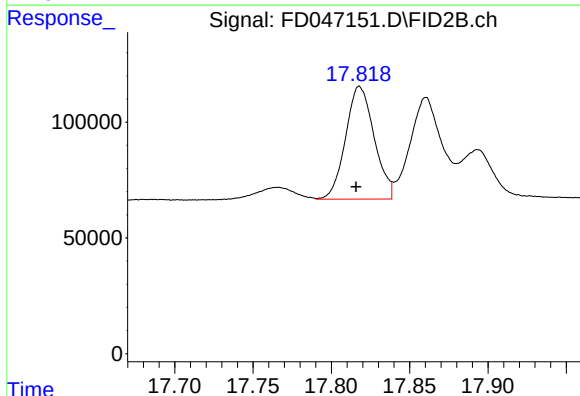
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.116 min
Delta R.T.: 0.001 min
Response: 751945
Conc: 5.10 ug/ml



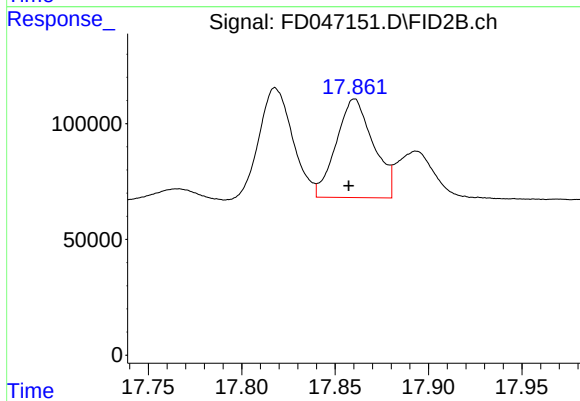
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.003 min
Response: 724376
Conc: 5.07 ug/ml



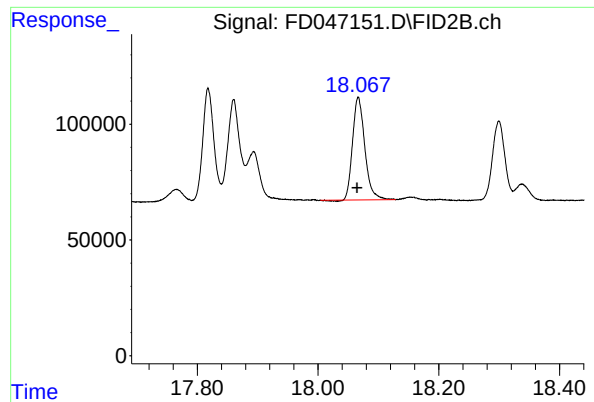
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: 0.002 min
Response: 618534
Conc: 4.80 ug/ml m



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 589890
Conc: 4.16 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.002 min
Response: 624793
Conc: 4.55 ug/ml