

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047152.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 18:28
 Operator : YP/AJ
 Sample : P1187-08
 Misc : LOQ 5 PPM
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 06:41:20 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	8098725	52.652 ug/ml
Spiked Amount 50.000		Recovery =	105.30%
6) S 2-Fluorobiphenyl (SURR)	8.324	5325317	52.126 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.25%
11) S ortho-Terphenyl (SURR)	11.363	8530640	47.879 ug/ml
Spiked Amount 50.000		Recovery =	95.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	767603	4.927 ug/ml
2) T Naphthalene (C11.7)	5.810	863031	5.152 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	898193	5.298 ug/ml
5) T Acenaphthylene (C15.06)	8.125	949063	6.122 ug/ml
7) T Acenaphthene (C15.5)	8.419	934513	5.659 ug/ml
8) T Fluorene (C16.55)	9.198	929985	5.827 ug/ml
9) T Phenanthrene (C19.36)	10.586	912256	5.763 ug/ml
10) T Anthracene (C19.43)	10.661	903667	5.895 ug/ml
12) T Fluoranthene (C21.85)	12.388	977622	6.128 ug/ml
13) T Pyrene (C20.8)	12.682	992635	6.422 ug/ml
14) T Benzo[a]anthracene (C...	14.545	887336	6.321 ug/ml
15) T Chrysene (C27.41)	14.586	932860	6.023 ug/ml
16) T benzo[b]fluoranthene ...	16.084	871091	6.005 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	906155	6.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	875227	6.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	722625	5.607 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	856334	6.040 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	812318	5.920 ug/ml

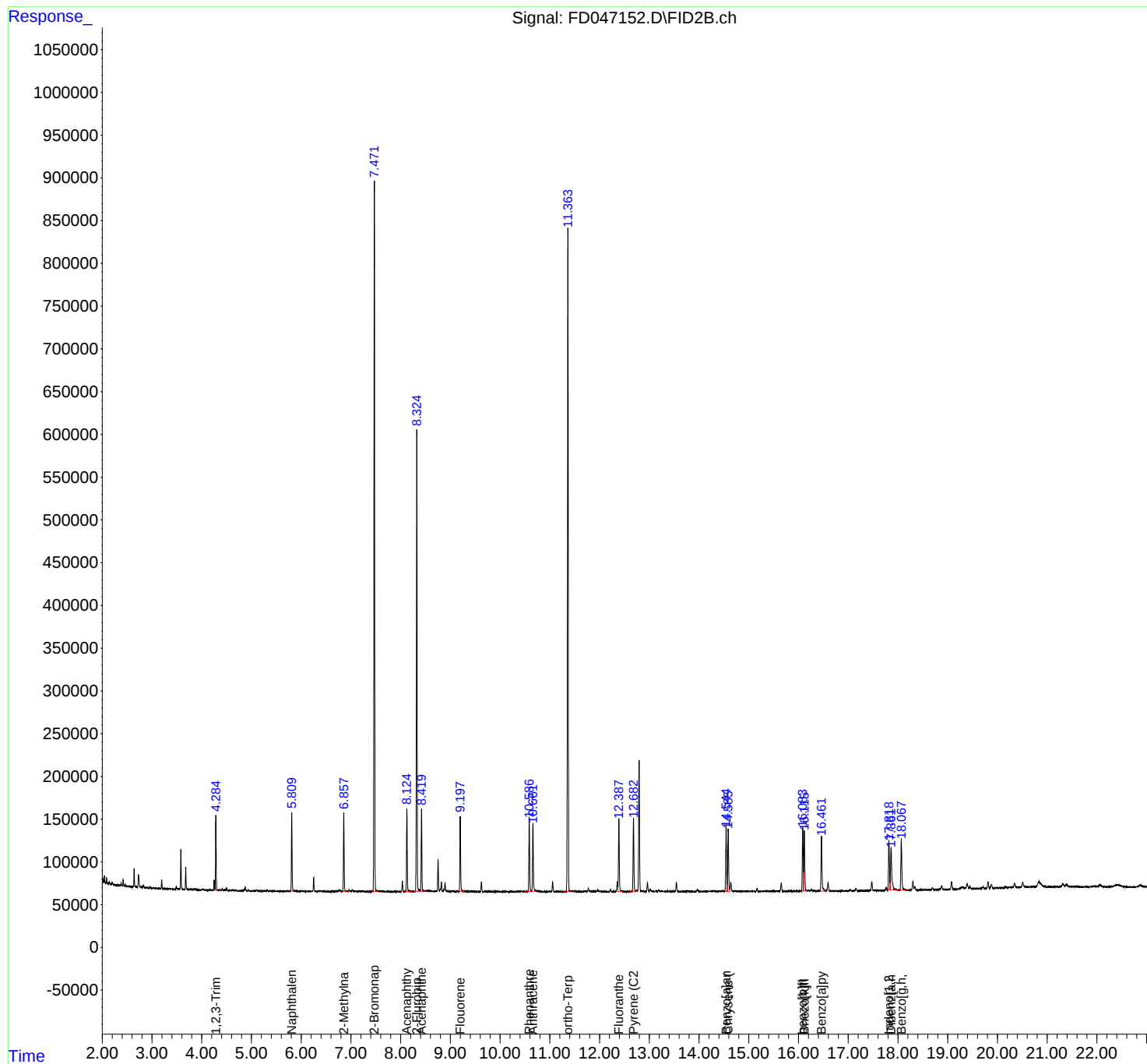
(f)=RT Delta > 1/2 Window

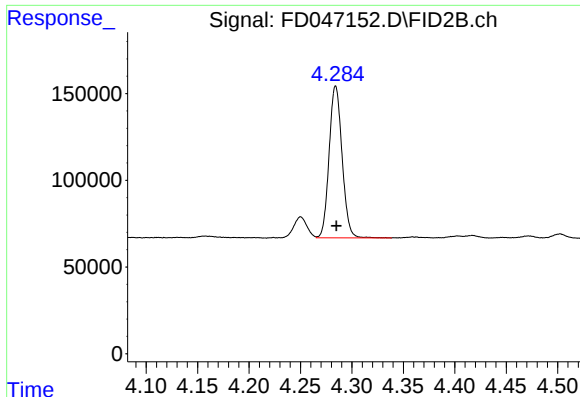
(m)=manual int.

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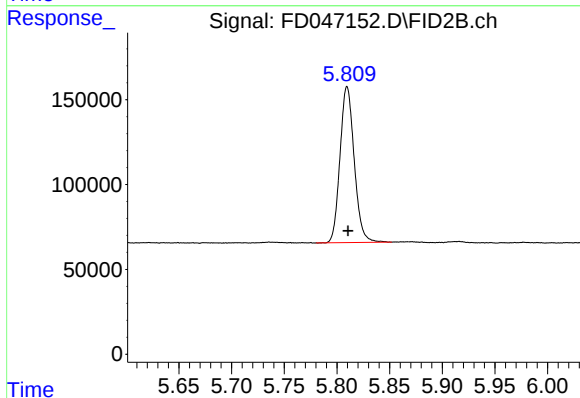
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





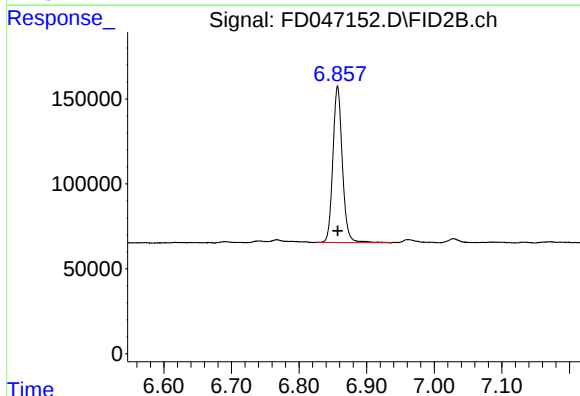
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 767603
Conc: 4.93 ug/ml



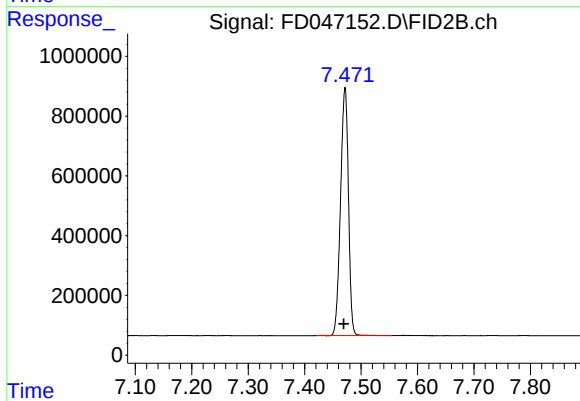
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 863031
Conc: 5.15 ug/ml



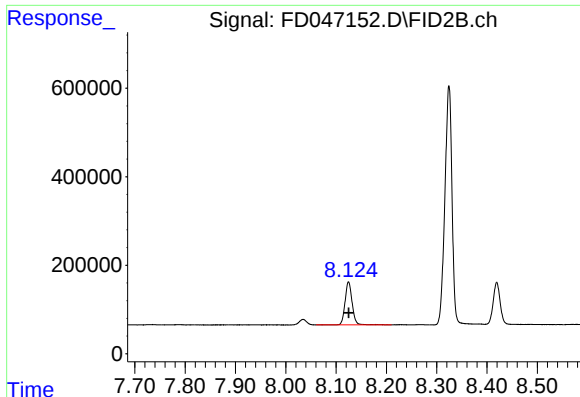
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 898193
Conc: 5.30 ug/ml



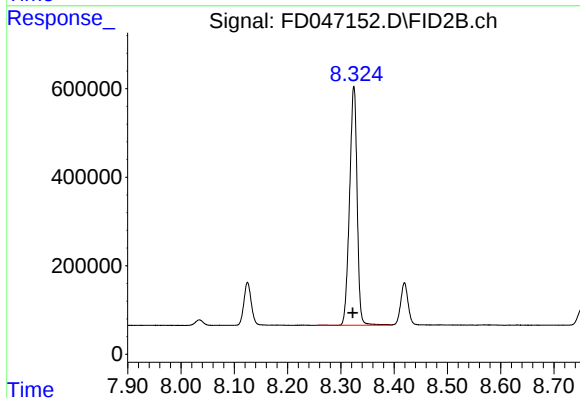
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 8098725
Conc: 52.65 ug/ml



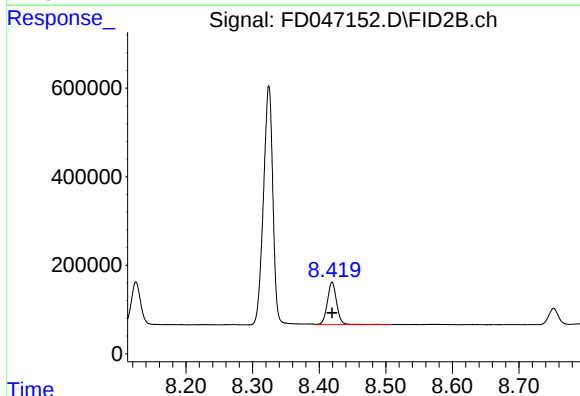
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 949063
Conc: 6.12 ug/ml



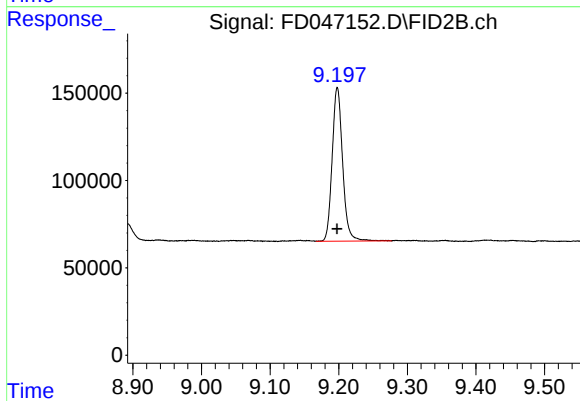
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5325317
Conc: 52.13 ug/ml



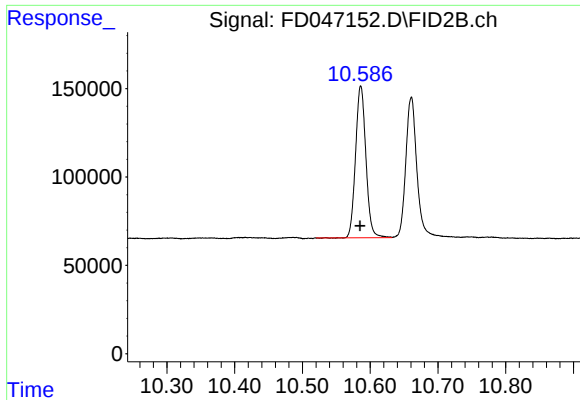
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 934513
Conc: 5.66 ug/ml



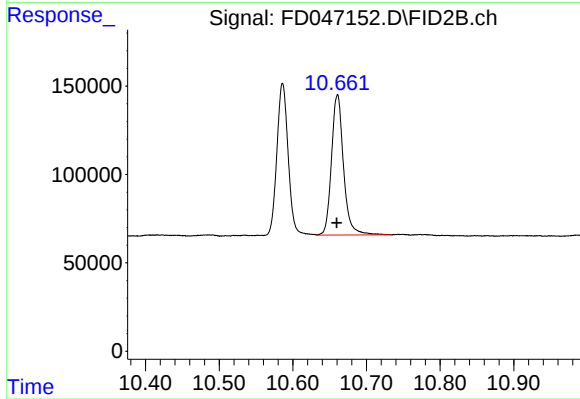
#8 Fluorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 929985
Conc: 5.83 ug/ml



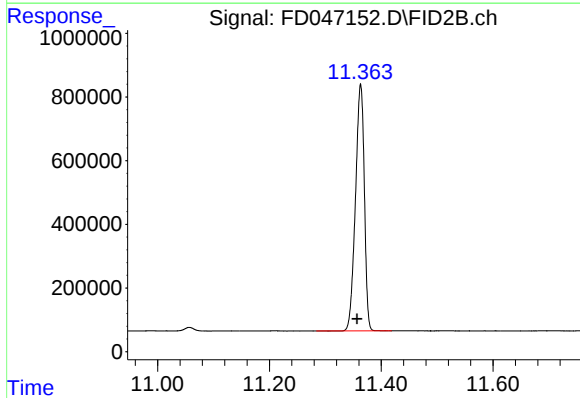
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.001 min
Response: 912256
Conc: 5.76 ug/ml



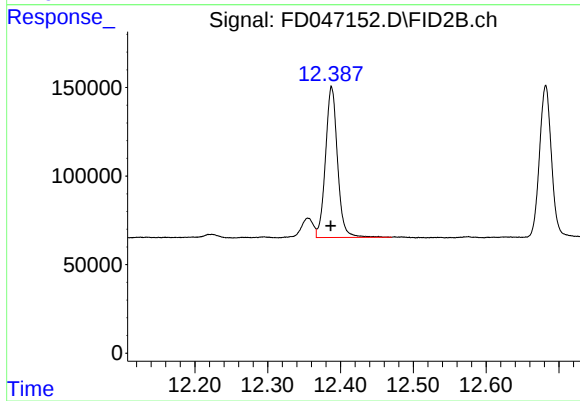
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.001 min
Response: 903667
Conc: 5.89 ug/ml



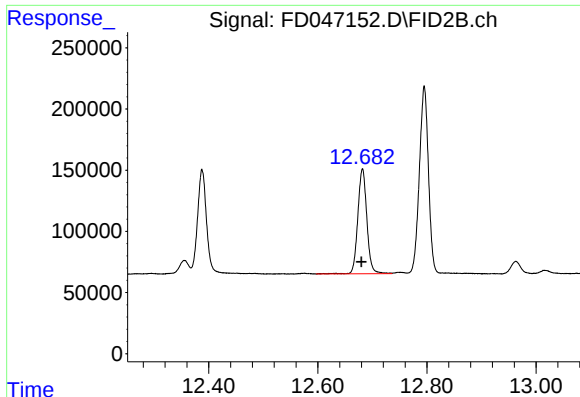
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.007 min
Response: 8530640
Conc: 47.88 ug/ml



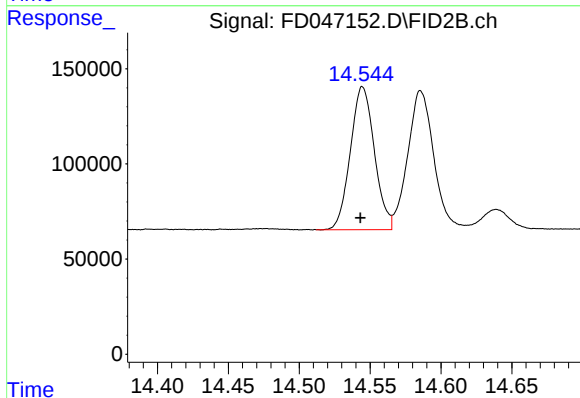
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.001 min
Response: 977622
Conc: 6.13 ug/ml



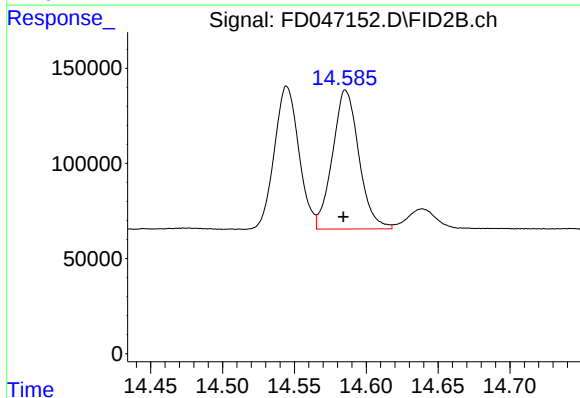
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 992635
Conc: 6.42 ug/ml



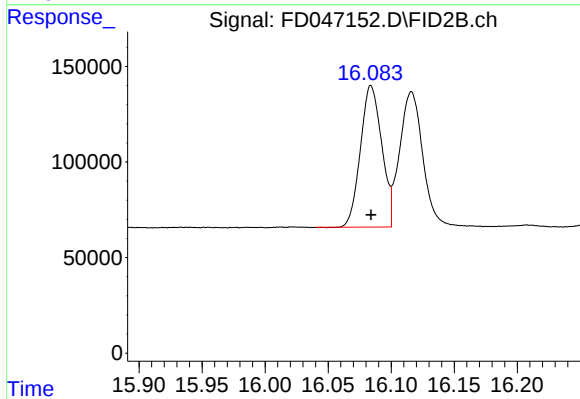
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 887336
Conc: 6.32 ug/ml



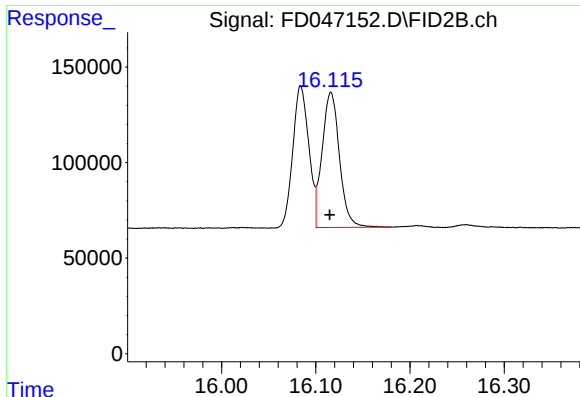
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.002 min
Response: 932860
Conc: 6.02 ug/ml



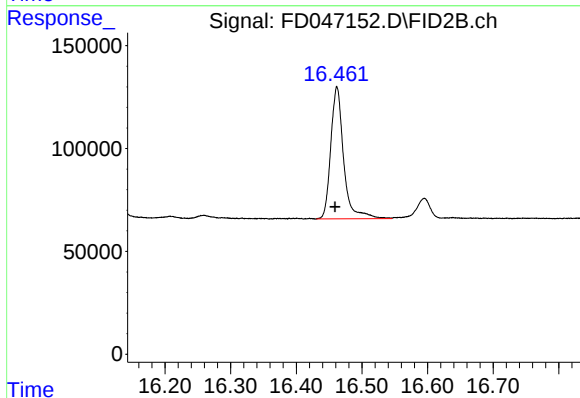
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.084 min
Delta R.T.: 0.000 min
Response: 871091
Conc: 6.01 ug/ml



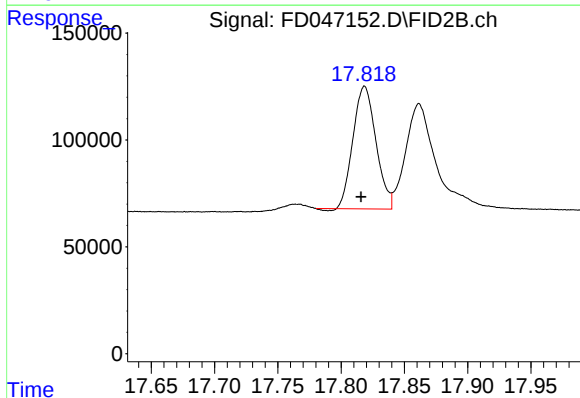
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.116 min
Delta R.T.: 0.001 min
Response: 906155
Conc: 6.15 ug/ml



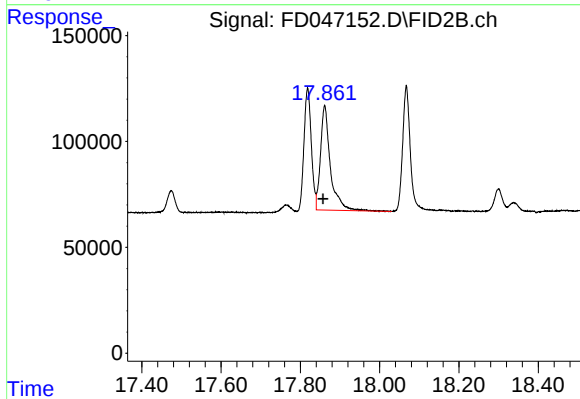
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.003 min
Response: 875227
Conc: 6.12 ug/ml



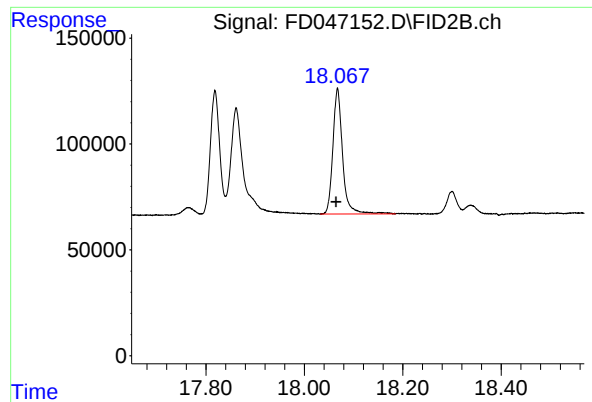
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.003 min
Response: 722625
Conc: 5.61 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.004 min
Response: 856334
Conc: 6.04 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.003 min
Response: 812318
Conc: 5.92 ug/ml