

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044870.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 13:31
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 13:59:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 13:29:10 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...	7.560	1484080	10.593 ug/ml
Spiked Amount 50.000		Recovery =	21.19%
6) S 2-Fluorobiphenyl (SURR)	8.416	1007518	10.519 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.04%
11) S ortho-Terphenyl (SURR)	11.457	1876125	10.583 ug/ml
Spiked Amount 50.000		Recovery =	21.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.369	1622037	10.709 ug/ml
2) T Naphthalene (C11.7)	5.900	1714838	10.638 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	1745544	10.710 ug/ml
5) T Acenaphthylene (C15.06)	8.220	1590606	10.590 ug/ml
7) T Acenaphthene (C15.5)	8.515	1687189	10.619 ug/ml
8) T Flouorene (C16.55)	9.293	1650764	10.478 ug/ml
9) T Phenanthrene (C19.36)	10.685	1622296	10.429 ug/ml
10) T Anthracene (C19.43)	10.759	1503799	10.665 ug/ml
12) T Fluoranthene (C21.85)	12.491	1613773	10.448 ug/ml
13) T Pyrene (C20.8)	12.786	1578237	10.443 ug/ml
14) T Benzo[a]anthracene (C...	14.651	1432316	10.347 ug/ml
15) T Chrysene (C27.41)	14.693	1481676	10.296 ug/ml
16) T benzo[b]fluoranthene ...	16.194	1451791	10.304 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	1431432	10.334 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	1402196	10.317 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	1341235	10.173 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	1333959	10.373 ug/ml
21) T Benzo[g,h,i]perylene ...	18.177	1361129	10.311 ug/ml

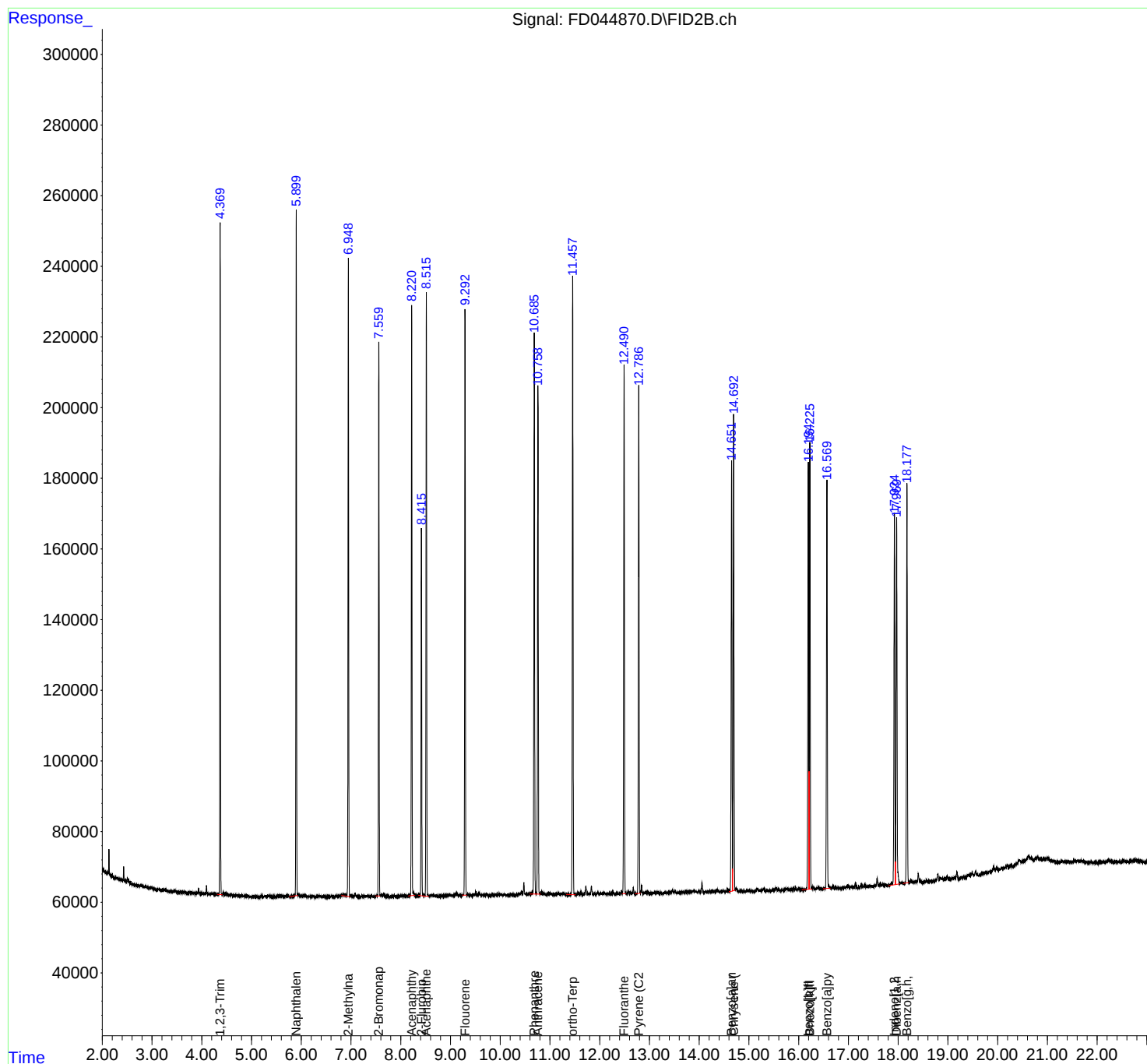
(f)=RT Delta > 1/2 Window

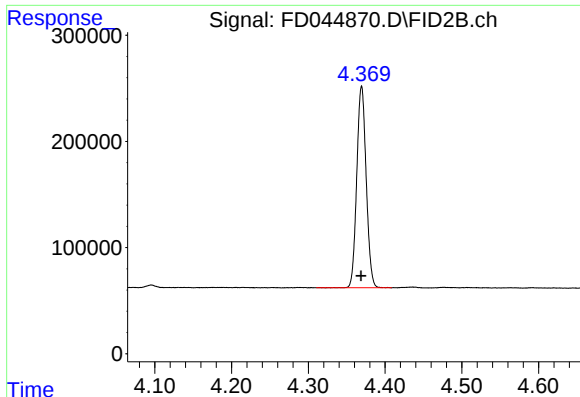
(m)=manual int.

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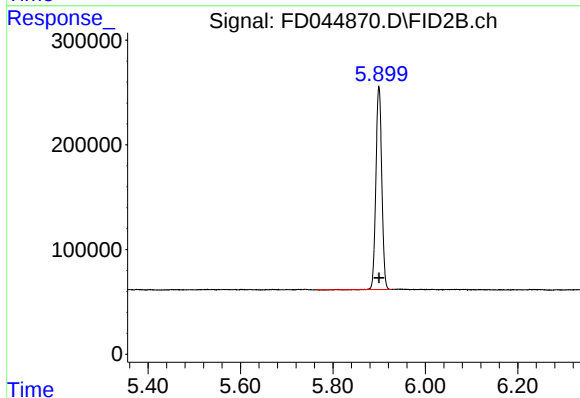
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Signal Info : 20M x 0.18mm x 0.18µm





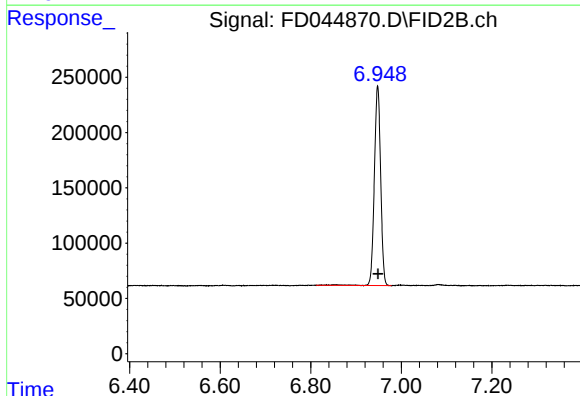
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1622037
Conc: 10.71 ug/ml



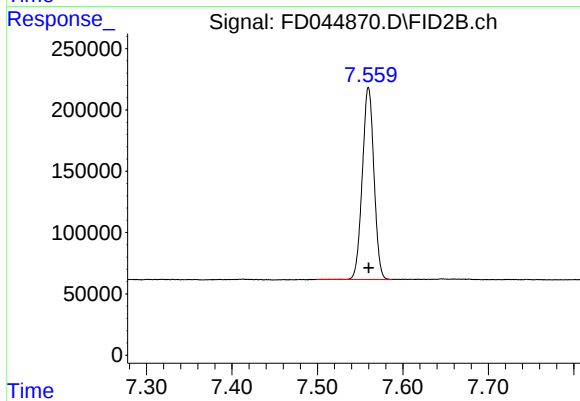
#2 Naphthalene (C11.7)

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 1714838
Conc: 10.64 ug/ml



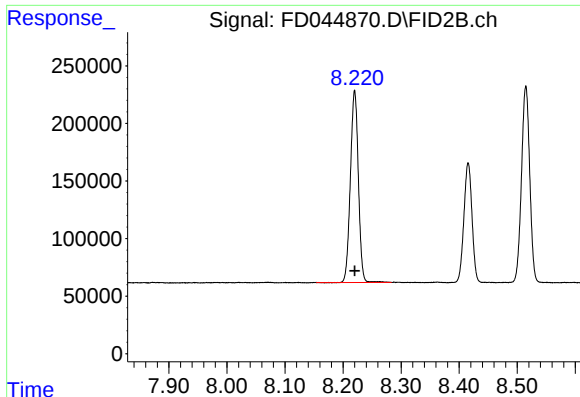
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 1745544
Conc: 10.71 ug/ml



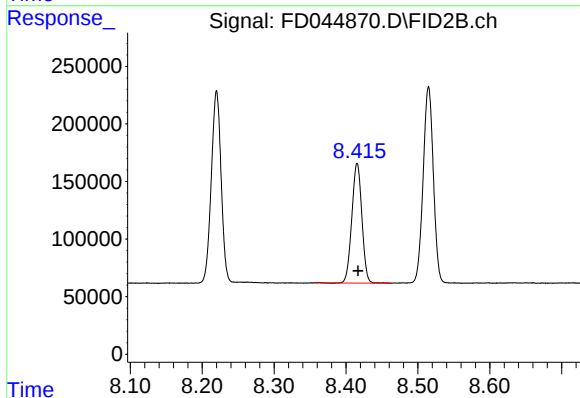
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 1484080
Conc: 10.59 ug/ml



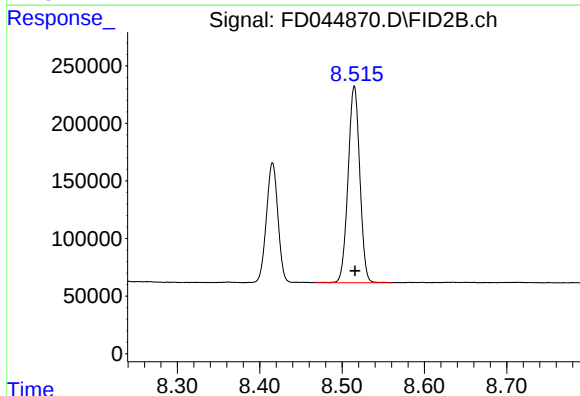
#5 Acenaphthylene (C15.06)

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 1590606
Conc: 10.59 ug/ml



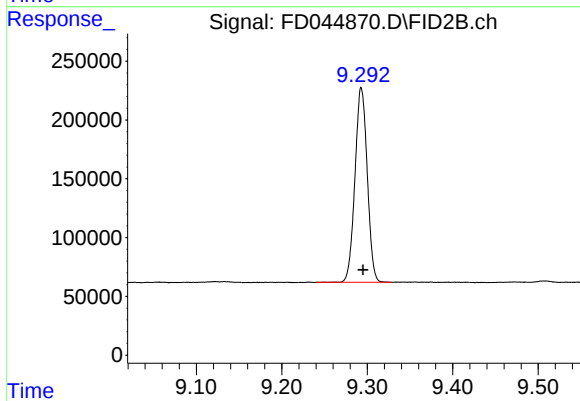
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: -0.001 min
Response: 1007518
Conc: 10.52 ug/ml



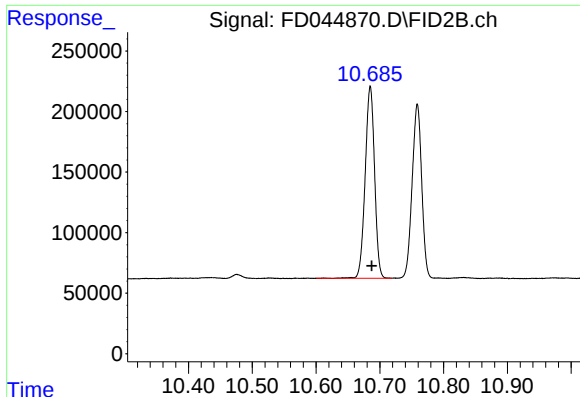
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 1687189
Conc: 10.62 ug/ml



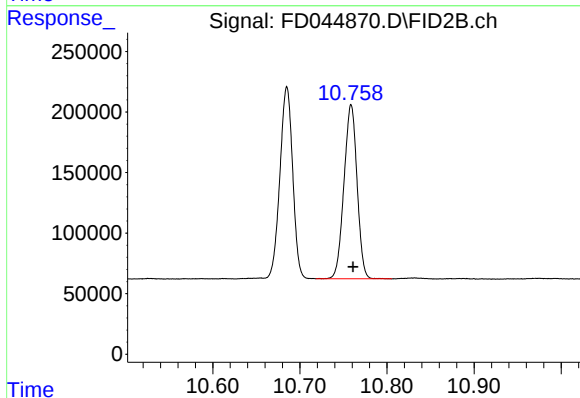
#8 Flouorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 1650764
Conc: 10.48 ug/ml



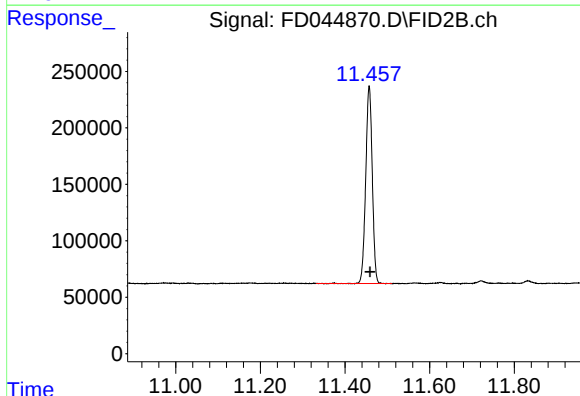
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 1622296
Conc: 10.43 ug/ml



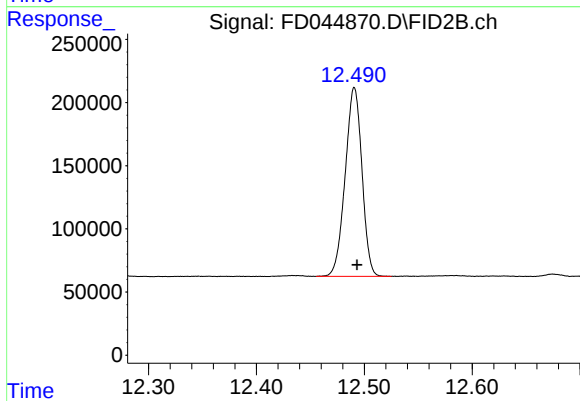
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 1503799
Conc: 10.66 ug/ml



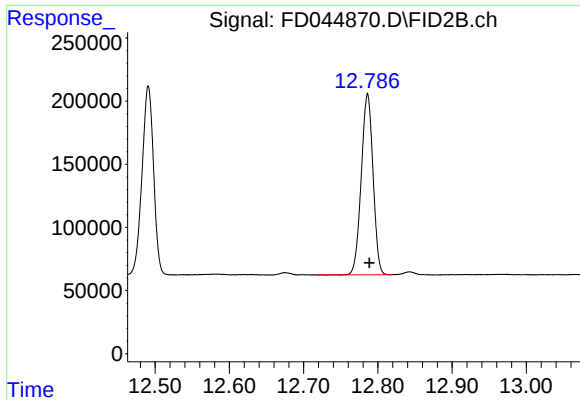
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.002 min
Response: 1876125
Conc: 10.58 ug/ml



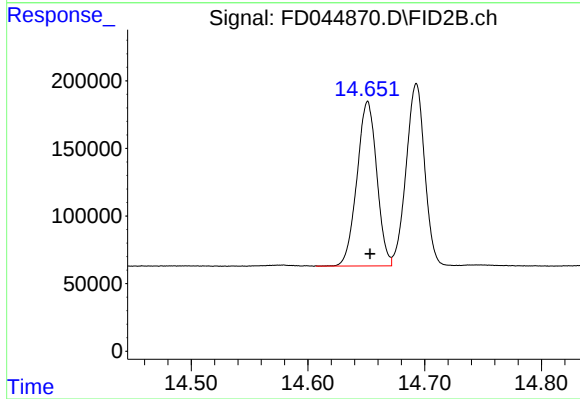
#12 Fluoranthene (C21.85)

R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 1613773
Conc: 10.45 ug/ml



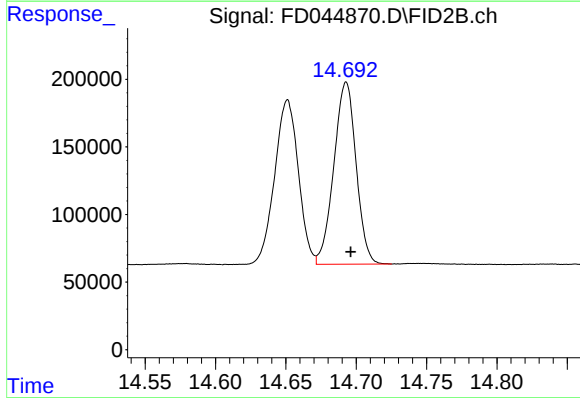
#13 Pyrene (C20.8)

R.T.: 12.786 min
Delta R.T.: -0.002 min
Response: 1578237
Conc: 10.44 ug/ml



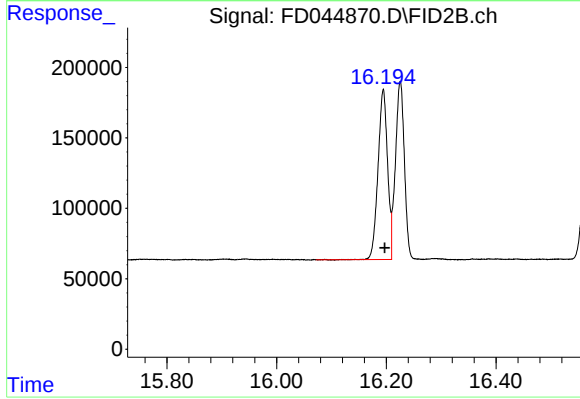
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.651 min
Delta R.T.: -0.002 min
Response: 1432316
Conc: 10.35 ug/ml



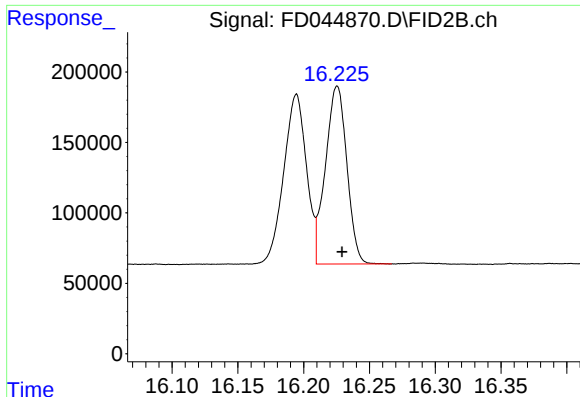
#15 Chrysene (C27.41)

R.T.: 14.693 min
Delta R.T.: -0.003 min
Response: 1481676
Conc: 10.30 ug/ml



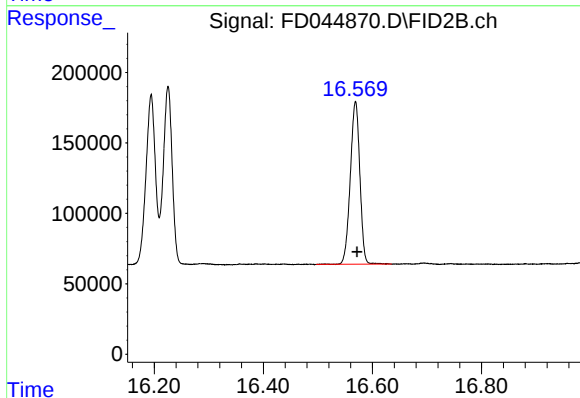
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 1451791
Conc: 10.30 ug/ml



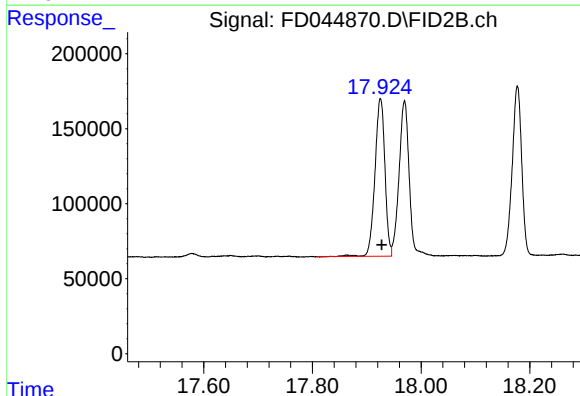
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.225 min
Delta R.T.: -0.004 min
Response: 1431432
Conc: 10.33 ug/ml



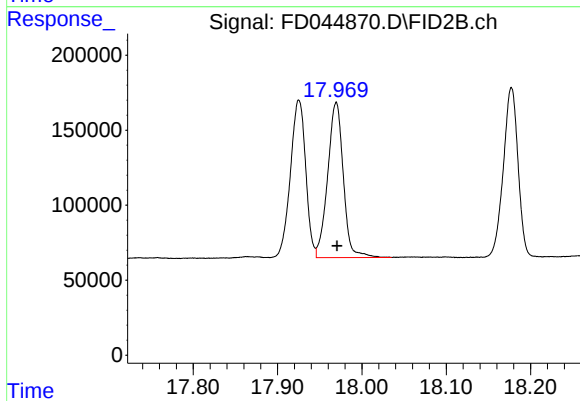
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: -0.003 min
Response: 1402196
Conc: 10.32 ug/ml



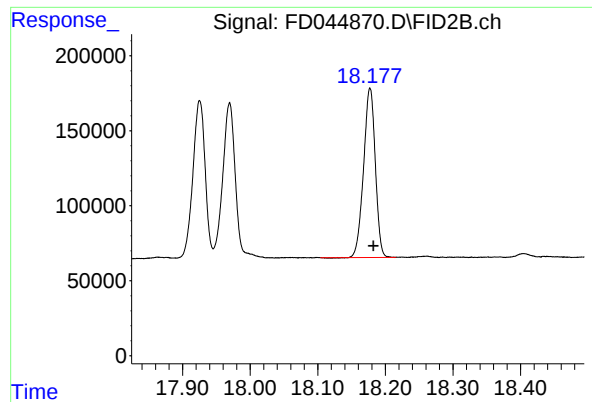
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 1341235
Conc: 10.17 ug/ml



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

R.T.: 17.969 min
Delta R.T.: -0.001 min
Response: 1333959
Conc: 10.37 ug/ml



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

R.T.: 18.177 min
Delta R.T.: -0.005 min
Response: 1361129
Conc: 10.31 ug/ml