

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014046.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 11:54
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 12:38:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:40:50 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...	7.918	2188515	18.815 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
6) S 2-Fluorobiphenyl (SURR)	8.790	1398748	19.022 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.04%
11) S ortho-Terphenyl (SURR)	11.853	2749282	18.427 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2295061	18.326 ug/ml
2) T Naphthalene (C11.7)	6.197	2345081	18.597 ug/ml
3) T 2-Methylnaphthalene (...)	7.290	2374067	18.703 ug/ml
5) T Acenaphthylene (C15.06)	8.590	2246496	18.592 ug/ml
7) T Acenaphthene (C15.5)	8.889	2487801	18.698 ug/ml
8) T Flouorene (C16.55)	9.678	2333864	18.712 ug/ml
9) T Phenanthrene (C19.36)	11.082	2254555	18.770 ug/ml
10) T Anthracene (C19.43)	11.157	2031616	19.370 ug/ml
12) T Fluoranthene (C21.85)	12.901	2392827	18.820 ug/ml
13) T Pyrene (C20.8)	13.199	2279083	18.491 ug/ml
14) T Benzo[a]anthracene (C...	15.079	1907158	19.175 ug/ml
15) T Chrysene (C27.41)	15.121	2390257	18.393 ug/ml
16) T benzo[b]fluoranthene ...	16.638	2046676	19.057 ug/ml
17) T Bnezo[k]fluoranthene ...	16.669	2313079	18.316 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.018	2007380	18.201 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.390	1672270	18.254 ug/ml
20) T Dibenz[a,h]anthracene...	18.431	2324285	17.997 ug/ml
21) T Benzo[g,h,i]perylene ...	18.642	2105188	18.079 ug/ml

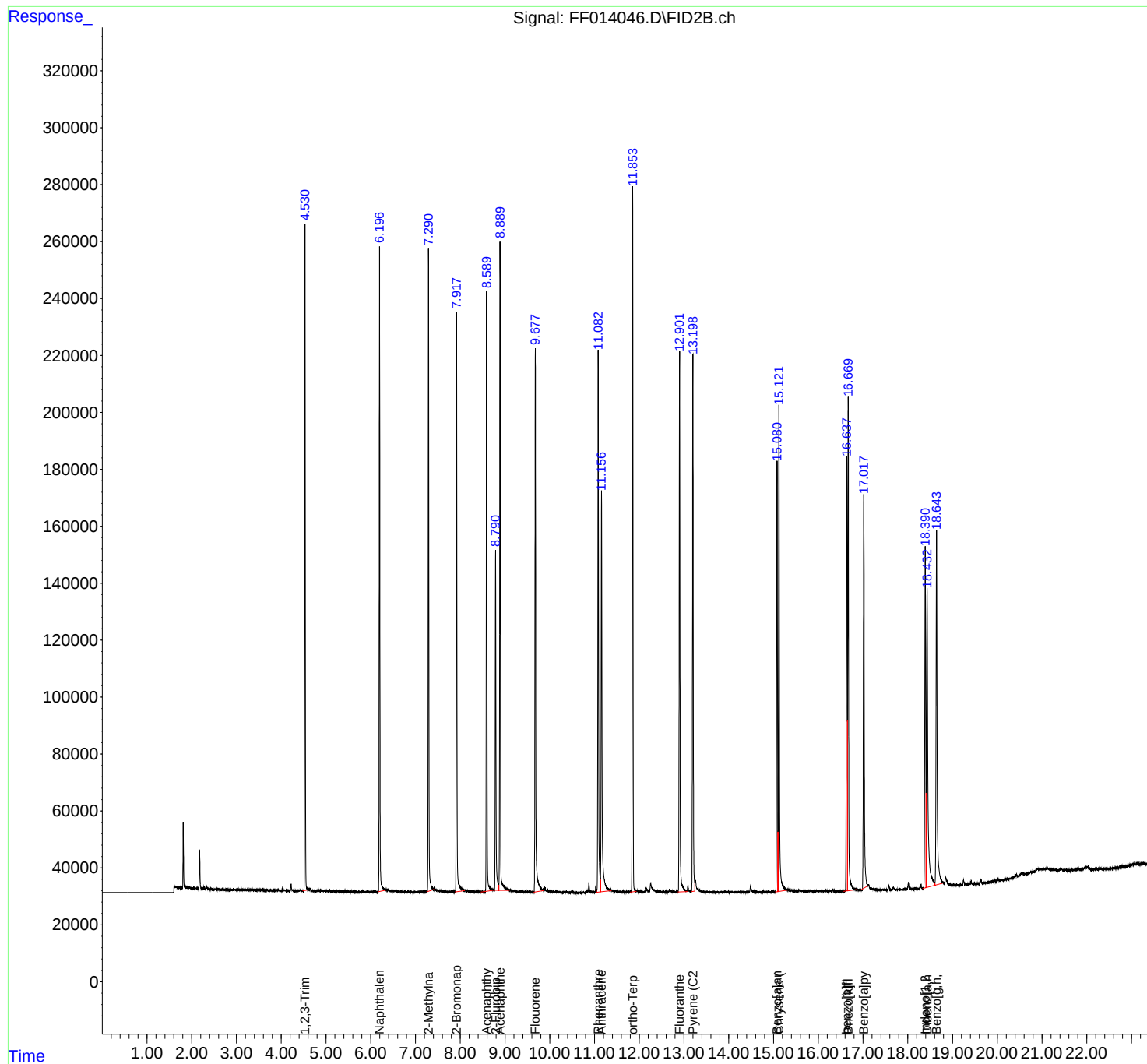
(f)=RT Delta > 1/2 Window

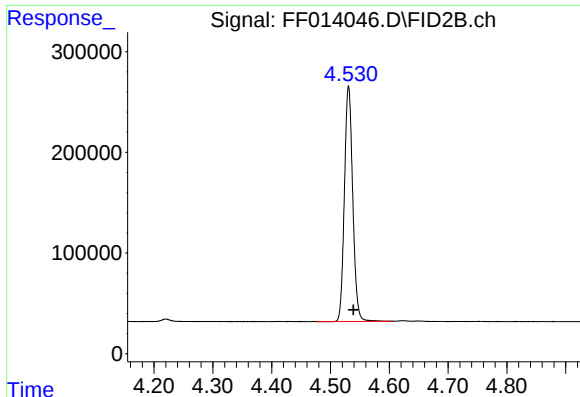
(m)=manual int.

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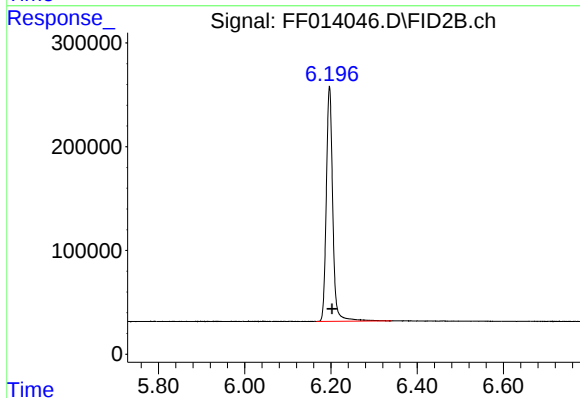
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





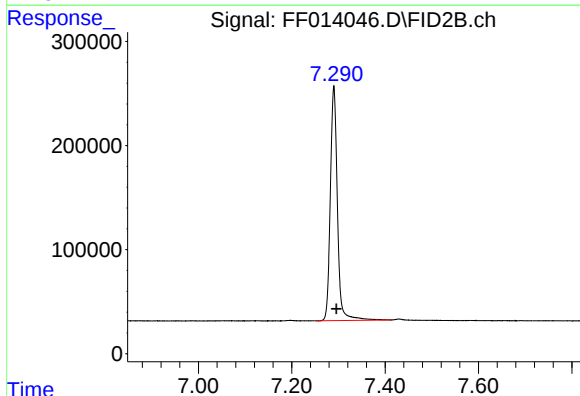
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.531 min
Delta R.T.: -0.008 min
Response: 2295061
Conc: 18.33 ug/ml



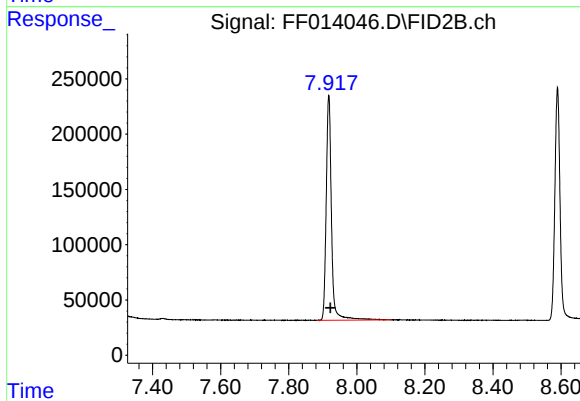
#2 Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.006 min
Response: 2345081
Conc: 18.60 ug/ml



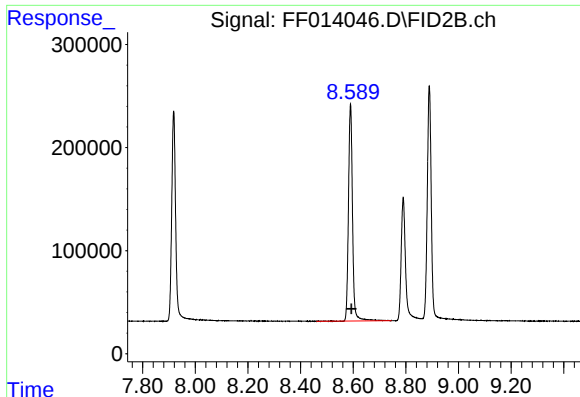
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.290 min
Delta R.T.: -0.006 min
Response: 2374067
Conc: 18.70 ug/ml



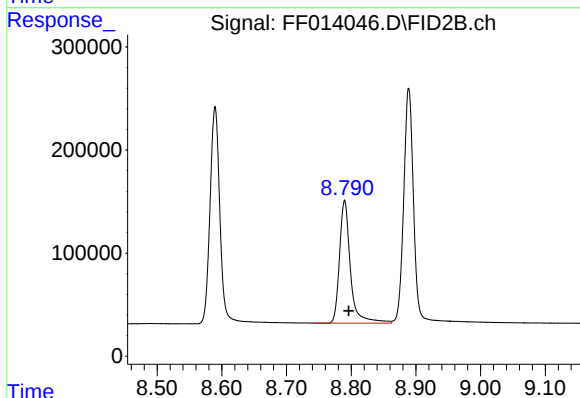
#4 2-Bromonaphthalene (SURR)

R.T.: 7.918 min
Delta R.T.: -0.005 min
Response: 2188515
Conc: 18.82 ug/ml



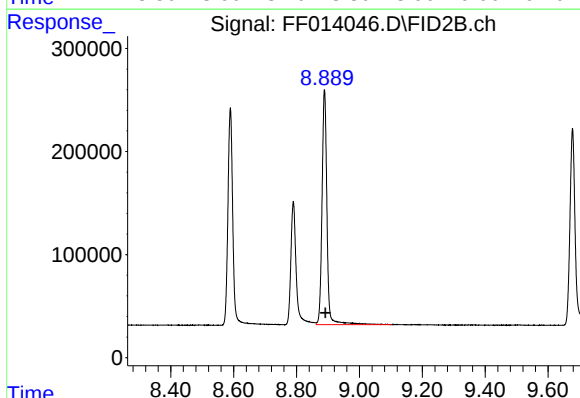
#5 Acenaphthylene (C15.06)

R.T.: 8.590 min
Delta R.T.: -0.004 min
Response: 2246496
Conc: 18.59 ug/ml



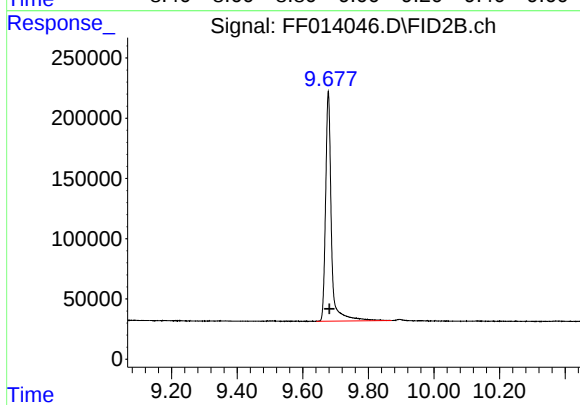
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.790 min
Delta R.T.: -0.006 min
Response: 1398748
Conc: 19.02 ug/ml



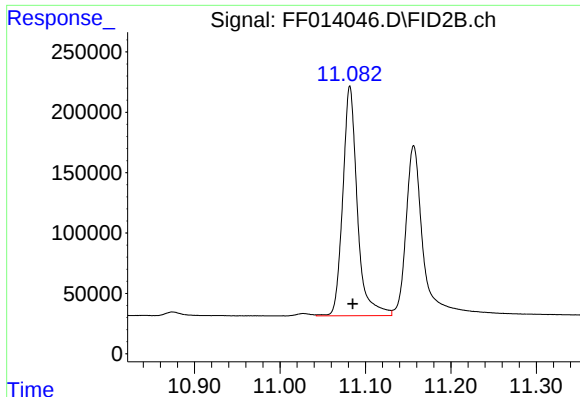
#7 Acenaphthene (C15.5)

R.T.: 8.889 min
Delta R.T.: -0.003 min
Response: 2487801
Conc: 18.70 ug/ml



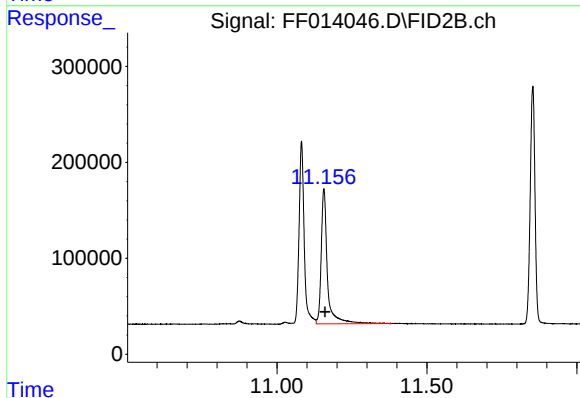
#8 Fluorene (C16.55)

R.T.: 9.678 min
Delta R.T.: -0.004 min
Response: 2333864
Conc: 18.71 ug/ml



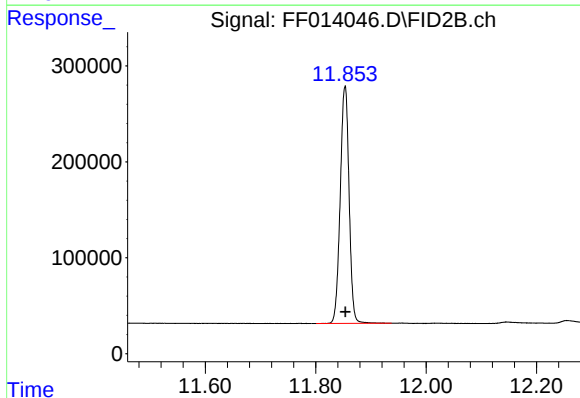
#9 Phenanthrene (C19.36)

R.T.: 11.082 min
Delta R.T.: -0.003 min
Response: 2254555
Conc: 18.77 ug/ml



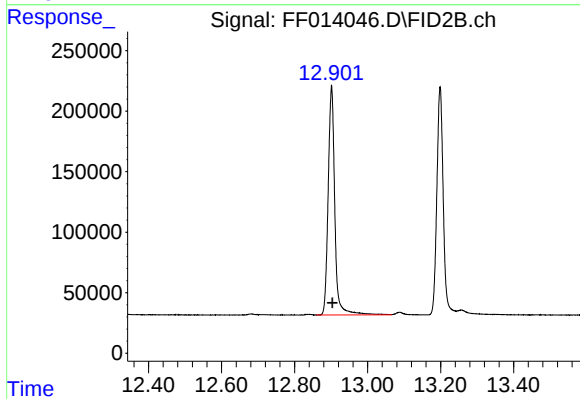
#10 Anthracene (C19.43)

R.T.: 11.157 min
Delta R.T.: -0.004 min
Response: 2031616
Conc: 19.37 ug/ml



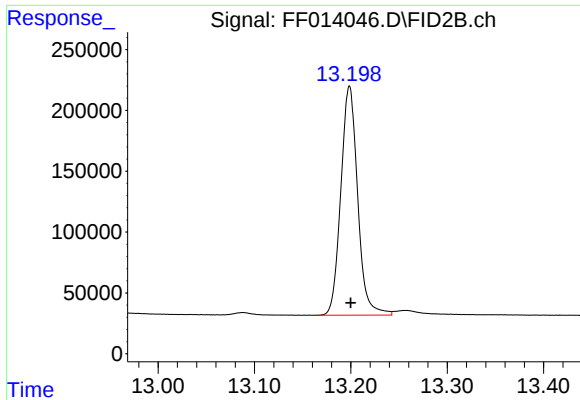
#11 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: 0.000 min
Response: 2749282
Conc: 18.43 ug/ml



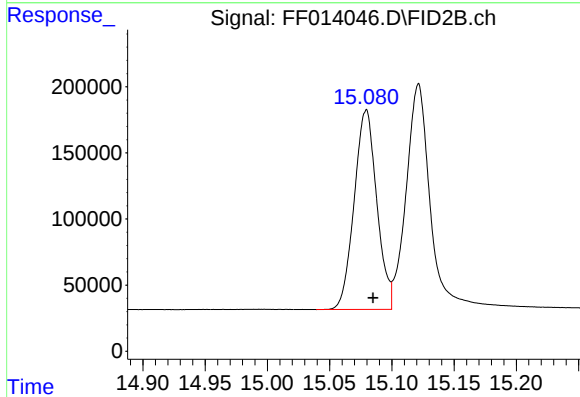
#12 Fluoranthene (C21.85)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 2392827
Conc: 18.82 ug/ml



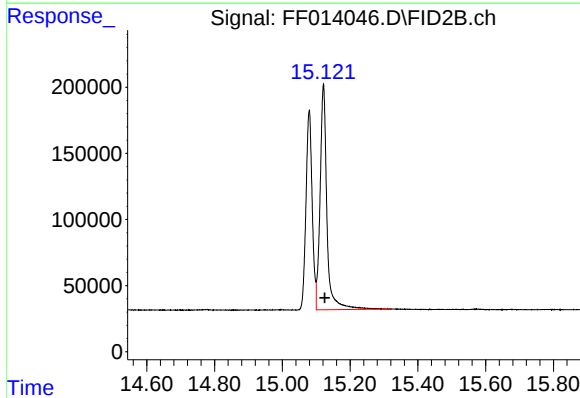
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: -0.001 min
Response: 2279083
Conc: 18.49 ug/ml



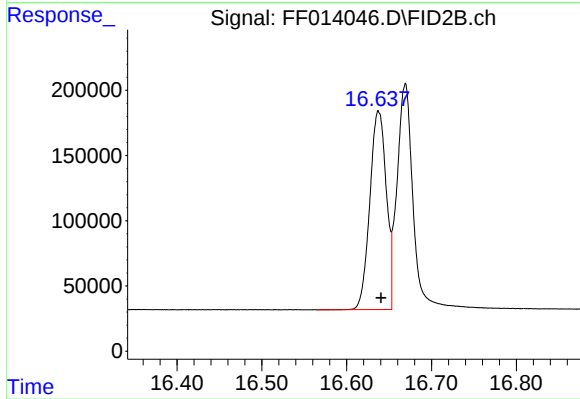
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.079 min
Delta R.T.: -0.006 min
Response: 1907158
Conc: 19.18 ug/ml



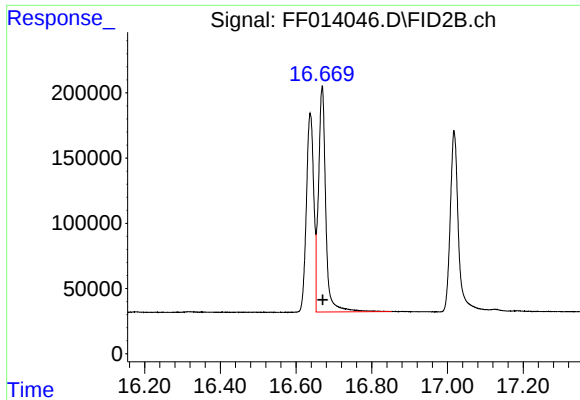
#15 Chrysene (C27.41)

R.T.: 15.121 min
Delta R.T.: -0.004 min
Response: 2390257
Conc: 18.39 ug/ml



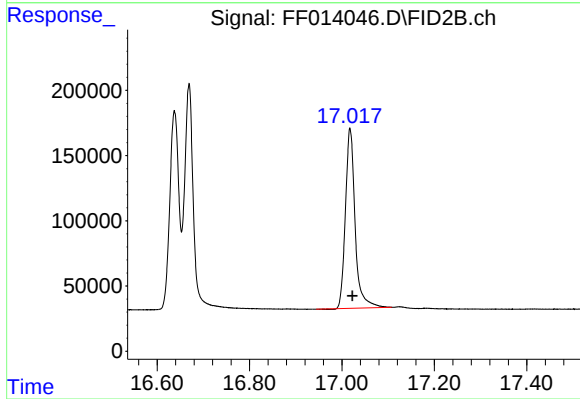
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.638 min
Delta R.T.: -0.003 min
Response: 2046676
Conc: 19.06 ug/ml



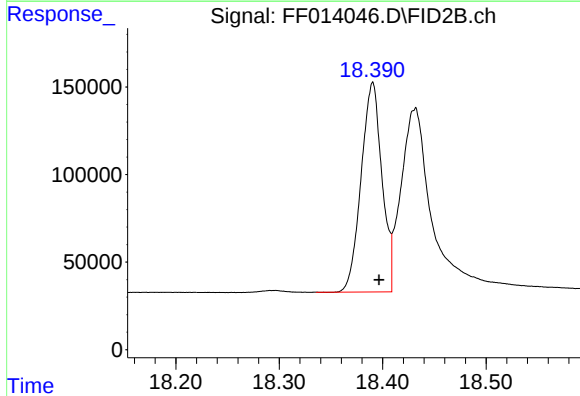
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.669 min
Delta R.T.: -0.002 min
Response: 2313079
Conc: 18.32 ug/ml



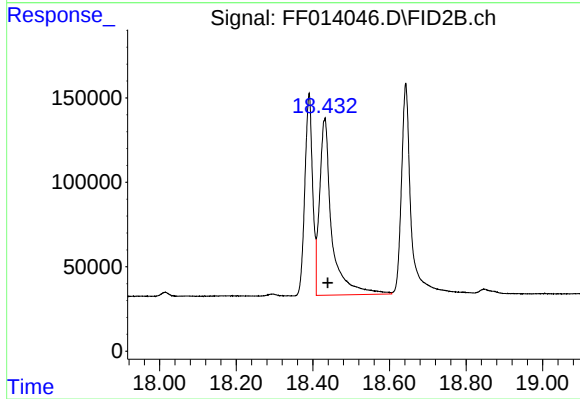
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.018 min
Delta R.T.: -0.005 min
Response: 2007380
Conc: 18.20 ug/ml



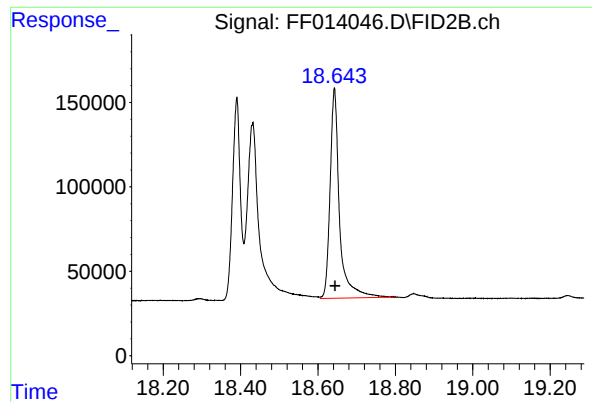
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.390 min
Delta R.T.: -0.006 min
Response: 1672270
Conc: 18.25 ug/ml



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

R.T.: 18.431 min
Delta R.T.: -0.008 min
Response: 2324285
Conc: 18.00 ug/ml



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

R.T.: 18.642 min
Delta R.T.: -0.002 min
Response: 2105188
Conc: 18.08 ug/ml