

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022124AR\
 Data File : FF014061.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2024 08:50
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 02:34:03 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...	7.920	2363362	20.318 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
6) S 2-Fluorobiphenyl (SURR)	8.791	1501716	20.422 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.84%
11) S ortho-Terphenyl (SURR)	11.854	2947412	19.755 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.535	2484539	19.839 ug/ml
2) T Naphthalene (C11.7)	6.199	2545337	20.186 ug/ml
3) T 2-Methylnaphthalene (...)	7.292	2554796	20.127 ug/ml
5) T Acenaphthylene (C15.06)	8.591	2418938	20.019 ug/ml
7) T Acenaphthene (C15.5)	8.890	2680348	20.145 ug/ml
8) T Flouorene (C16.55)	9.678	2485085	19.924 ug/ml
9) T Phenanthrene (C19.36)	11.082	2386009	19.865 ug/ml
10) T Anthracene (C19.43)	11.157	2132106	20.329 ug/ml
12) T Fluoranthene (C21.85)	12.901	2503315	19.689 ug/ml
13) T Pyrene (C20.8)	13.199	2380042	19.310 ug/ml
14) T Benzo[a]anthracene (C...	15.079	1912979	19.234 ug/ml
15) T Chrysene (C27.41)	15.120	2414622	18.581 ug/ml
16) T benzo[b]fluoranthene ...	16.637	2088566	19.447 ug/ml
17) T Bnezo[k]fluoranthene ...	16.668	2362642	18.709 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.017	2114208	19.170 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.388	1716368	18.735 ug/ml
20) T Dibenz[a,h]anthracene...	18.429	2217165	17.167 ug/ml
21) T Benzo[g,h,i]perylene ...	18.642	2258958	19.399 ug/ml

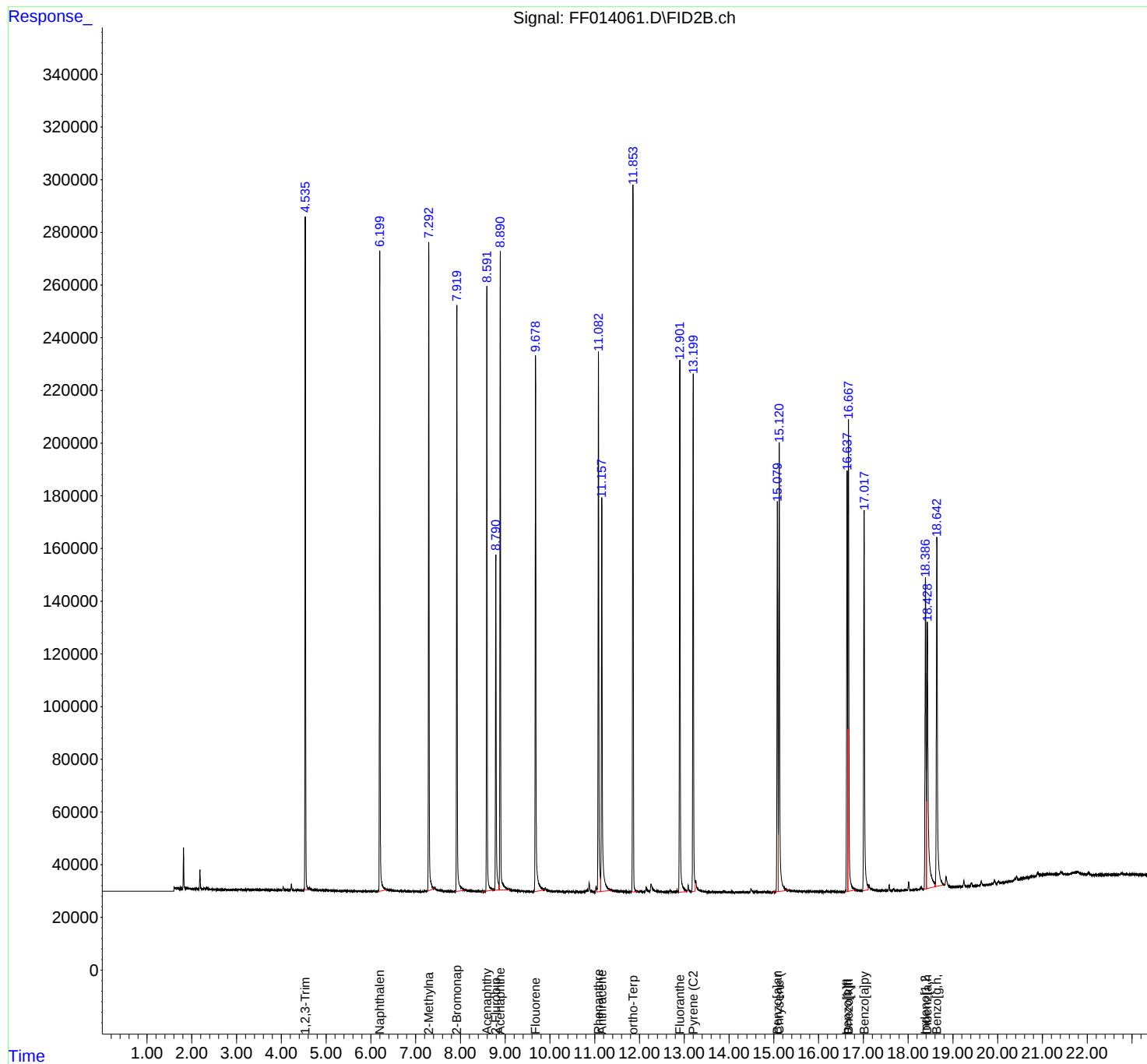
(f)=RT Delta > 1/2 Window

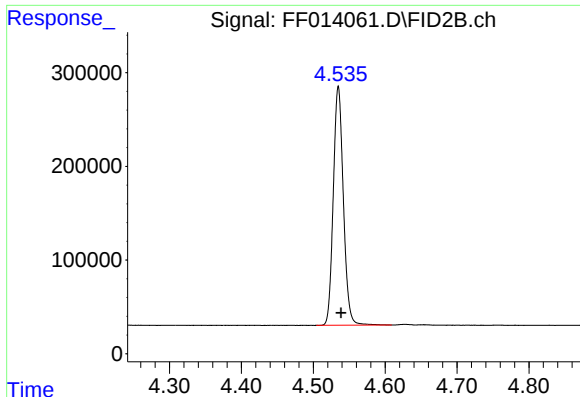
(m)=manual int.

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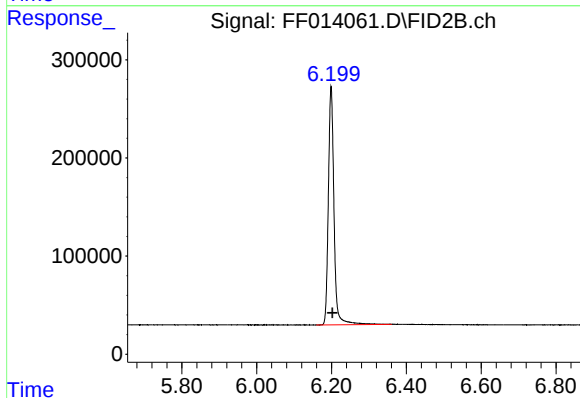
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Signal Info : 20M x 0.18mm x 0.18µm





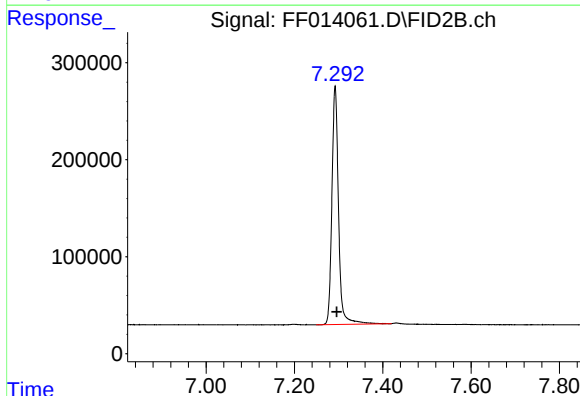
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.535 min
Delta R.T.: -0.004 min
Response: 2484539
Conc: 19.84 ug/ml



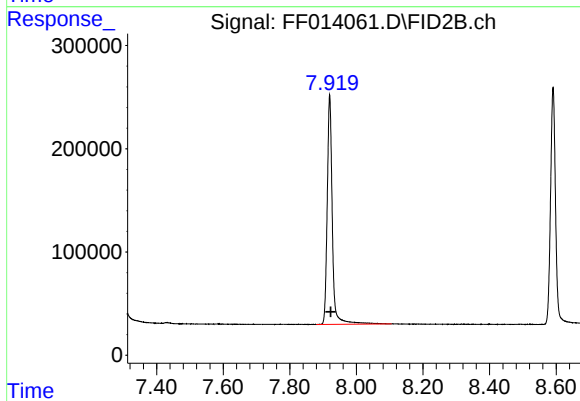
#2 Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 2545337
Conc: 20.19 ug/ml



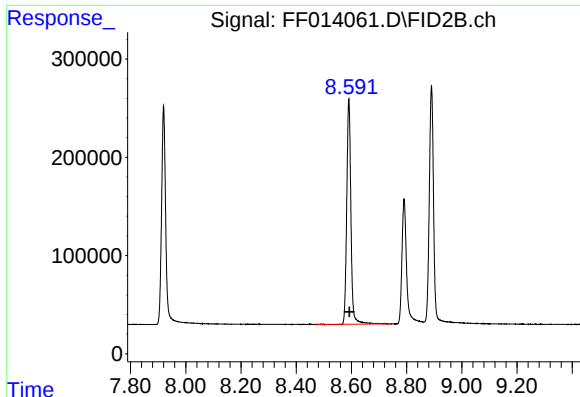
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.292 min
Delta R.T.: -0.004 min
Response: 2554796
Conc: 20.13 ug/ml



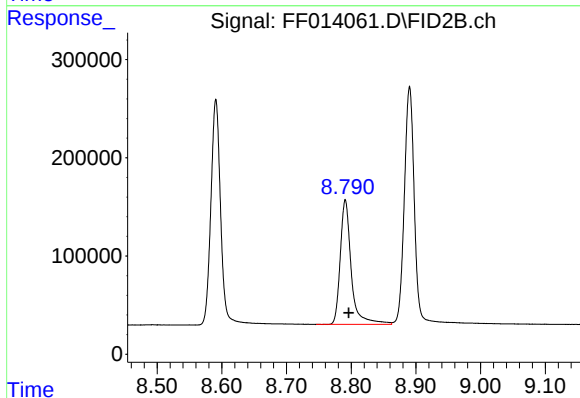
#4 2-Bromonaphthalene (SURR)

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 2363362
Conc: 20.32 ug/ml



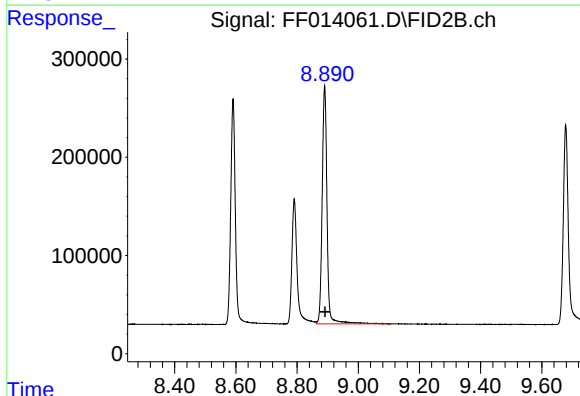
#5 Acenaphthylene (C15.06)

R.T.: 8.591 min
Delta R.T.: -0.002 min
Response: 2418938
Conc: 20.02 ug/ml



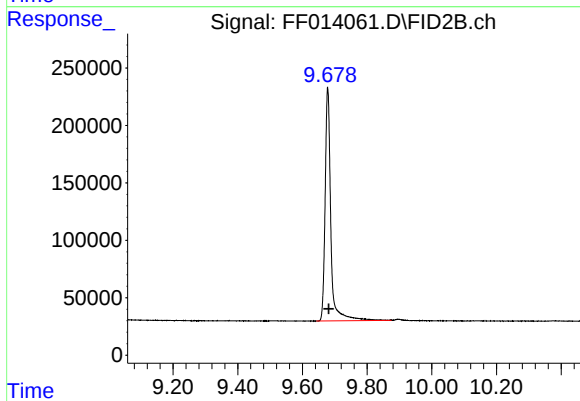
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.791 min
Delta R.T.: -0.005 min
Response: 1501716
Conc: 20.42 ug/ml



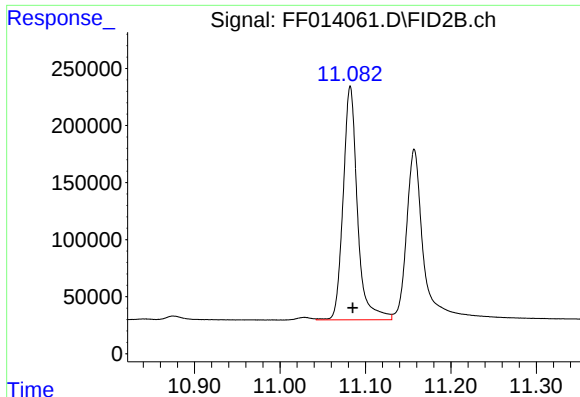
#7 Acenaphthene (C15.5)

R.T.: 8.890 min
Delta R.T.: -0.001 min
Response: 2680348
Conc: 20.14 ug/ml



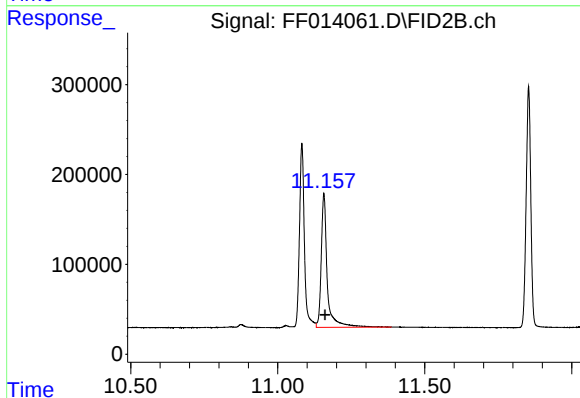
#8 Fluorene (C16.55)

R.T.: 9.678 min
Delta R.T.: -0.003 min
Response: 2485085
Conc: 19.92 ug/ml



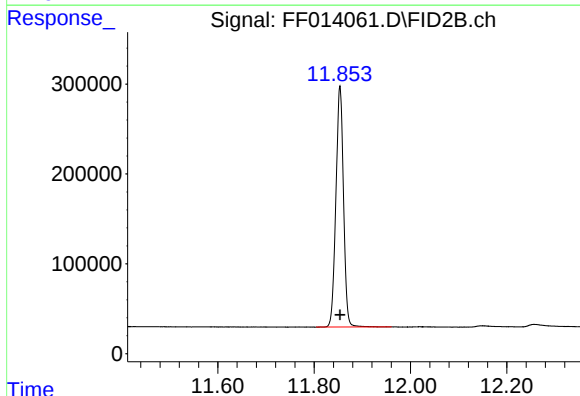
#9 Phenanthrene (C19.36)

R.T.: 11.082 min
Delta R.T.: -0.003 min
Response: 2386009
Conc: 19.86 ug/ml



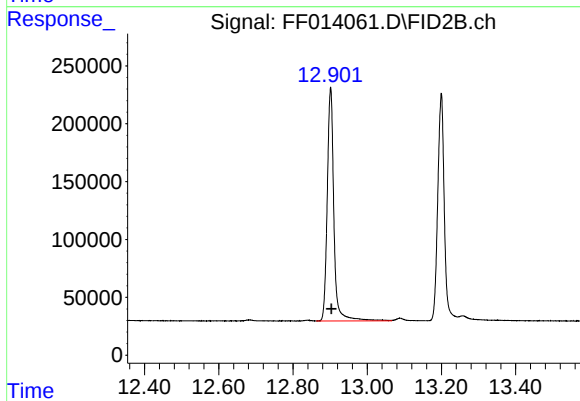
#10 Anthracene (C19.43)

R.T.: 11.157 min
Delta R.T.: -0.004 min
Response: 2132106
Conc: 20.33 ug/ml



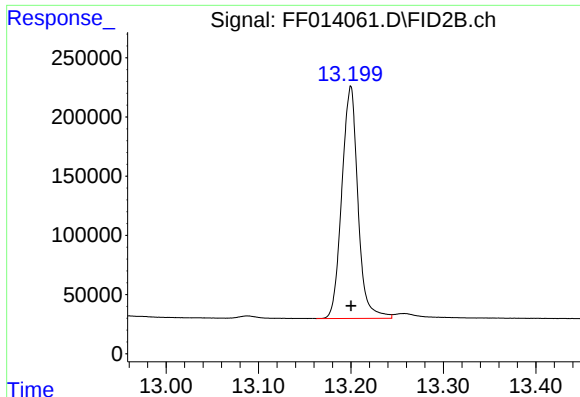
#11 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 2947412
Conc: 19.76 ug/ml



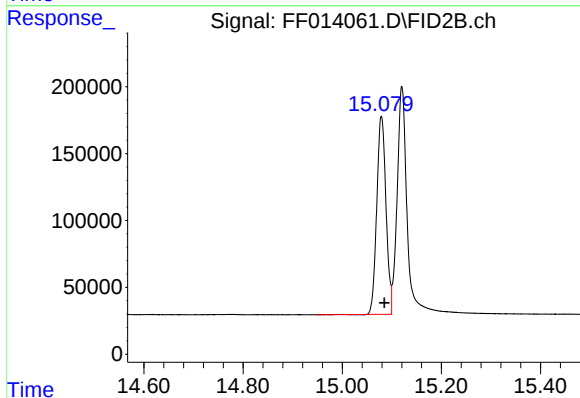
#12 Fluoranthene (C21.85)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 2503315
Conc: 19.69 ug/ml



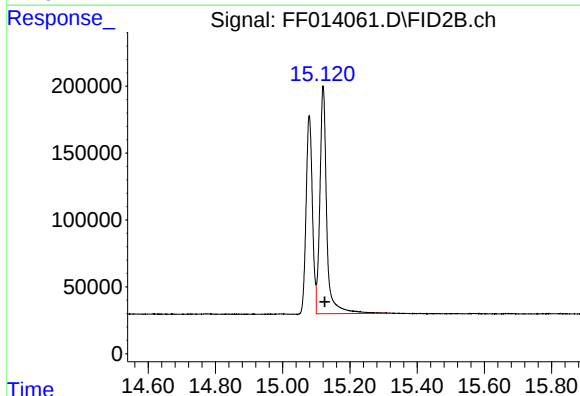
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 2380042
Conc: 19.31 ug/ml



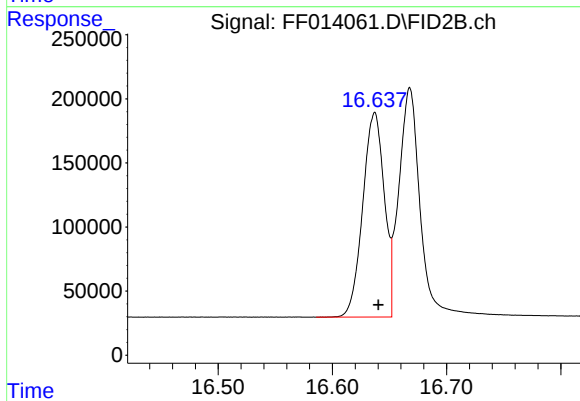
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.079 min
Delta R.T.: -0.006 min
Response: 1912979
Conc: 19.23 ug/ml



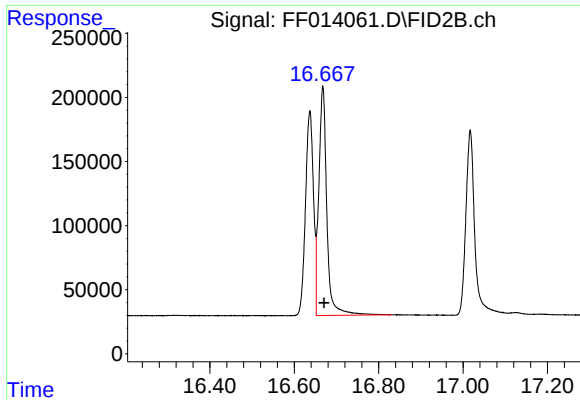
#15 Chrysene (C27.41)

R.T.: 15.120 min
Delta R.T.: -0.005 min
Response: 2414622
Conc: 18.58 ug/ml



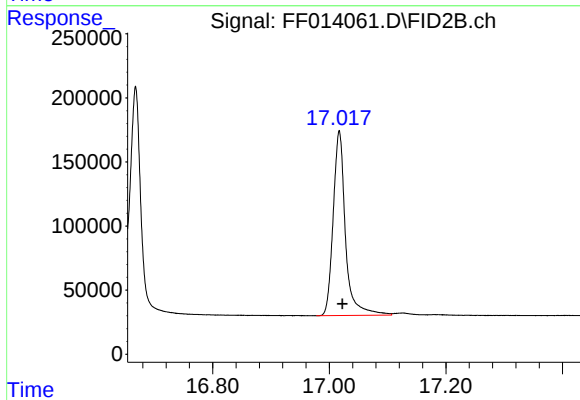
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.637 min
Delta R.T.: -0.003 min
Response: 2088566
Conc: 19.45 ug/ml



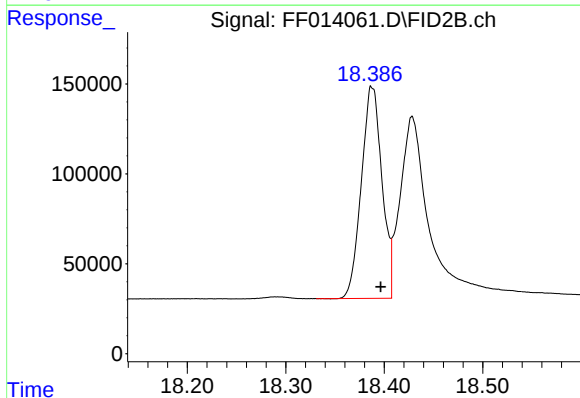
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.668 min
Delta R.T.: -0.003 min
Response: 2362642
Conc: 18.71 ug/ml



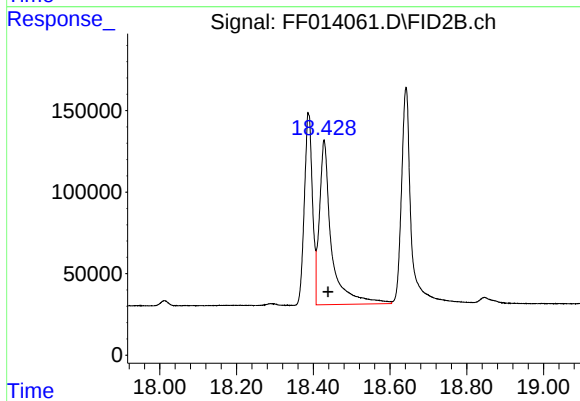
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.017 min
Delta R.T.: -0.005 min
Response: 2114208
Conc: 19.17 ug/ml



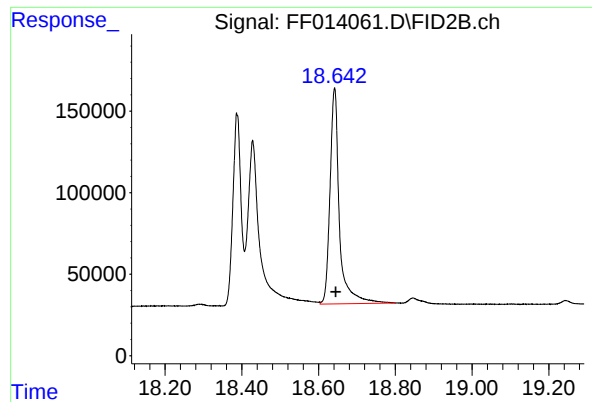
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.388 min
Delta R.T.: -0.009 min
Response: 1716368
Conc: 18.74 ug/ml



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

R.T.: 18.429 min
Delta R.T.: -0.010 min
Response: 2217165
Conc: 17.17 ug/ml



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

R.T.: 18.642 min
Delta R.T.: -0.003 min
Response: 2258958
Conc: 19.40 ug/ml