

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014058.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 17:44
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 02:45:55 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...	7.921	2339332	20.112 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
6) S 2-Fluorobiphenyl (SURR)	8.793	1514623	20.597 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.19%
11) S ortho-Terphenyl (SURR)	11.854	2911598	19.515 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	2442807	19.505 ug/ml
2) T Naphthalene (C11.7)	6.201	2500857	19.833 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	2529973	19.932 ug/ml
5) T Acenaphthylene (C15.06)	8.592	2422357	20.047 ug/ml
7) T Acenaphthene (C15.5)	8.892	2653467	19.943 ug/ml
8) T Flouorene (C16.55)	9.680	2483238	19.910 ug/ml
9) T Phenanthrene (C19.36)	11.083	2381229	19.825 ug/ml
10) T Anthracene (C19.43)	11.158	2141134	20.415 ug/ml
12) T Fluoranthene (C21.85)	12.902	2503320	19.689 ug/ml
13) T Pyrene (C20.8)	13.199	2387923	19.374 ug/ml
14) T Benzo[a]anthracene (C...	15.080	1974297	19.850 ug/ml
15) T Chrysene (C27.41)	15.122	2464342	18.963 ug/ml
16) T benzo[b]fluoranthene ...	16.637	2122072	19.759 ug/ml
17) T Bnezo[k]fluoranthene ...	16.669	2381280	18.856 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.018	2104024	19.078 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.390	1778549	19.414 ug/ml
20) T Dibenz[a,h]anthracene...	18.429	2377579	18.409 ug/ml
21) T Benzo[g,h,i]perylene ...	18.642	2231269	19.161 ug/ml

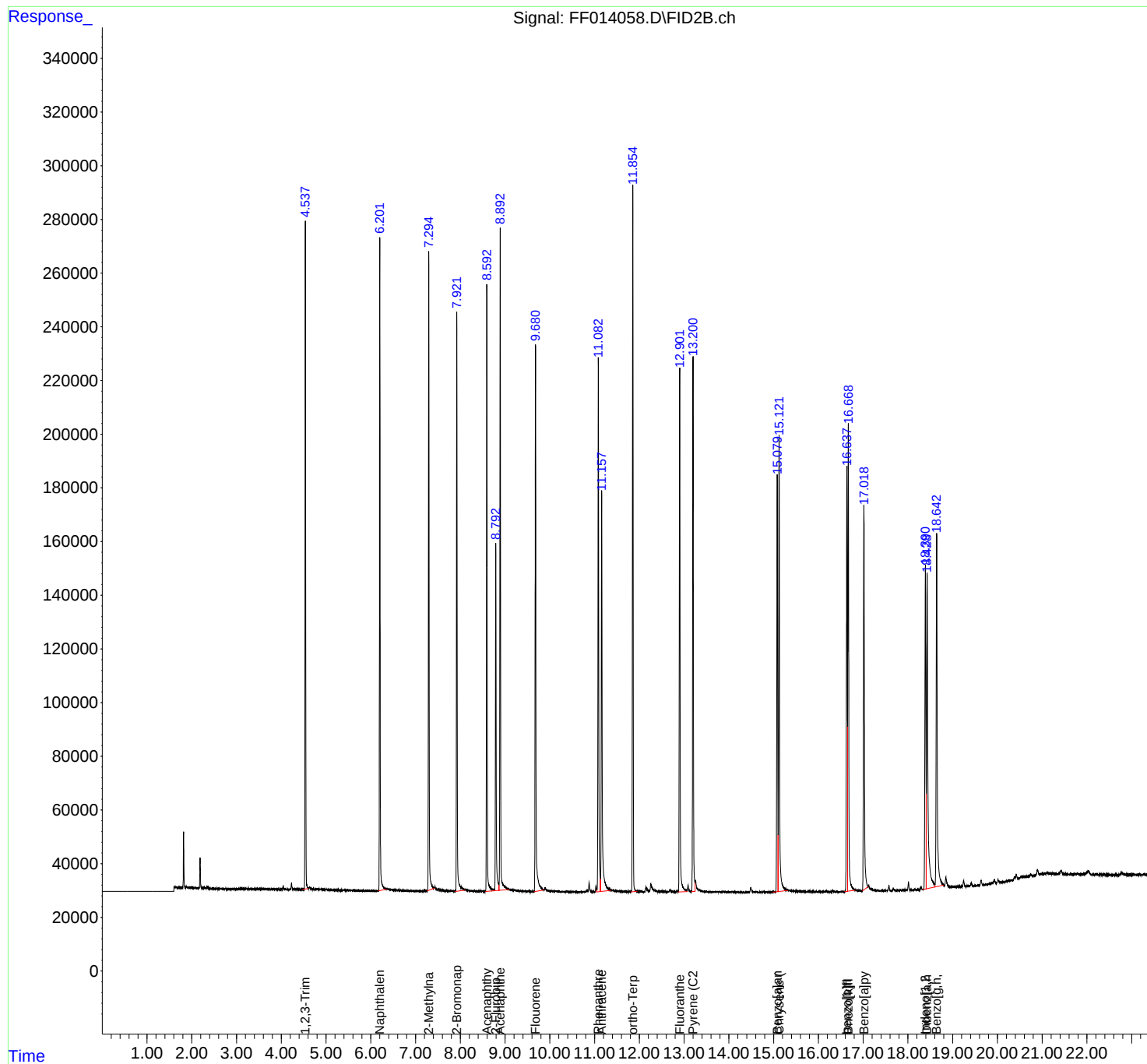
(f)=RT Delta > 1/2 Window

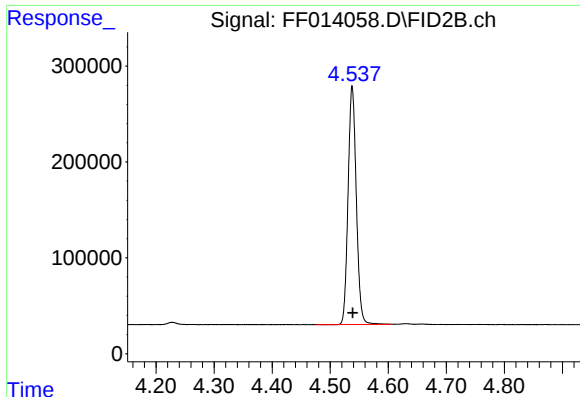
(m)=manual int.

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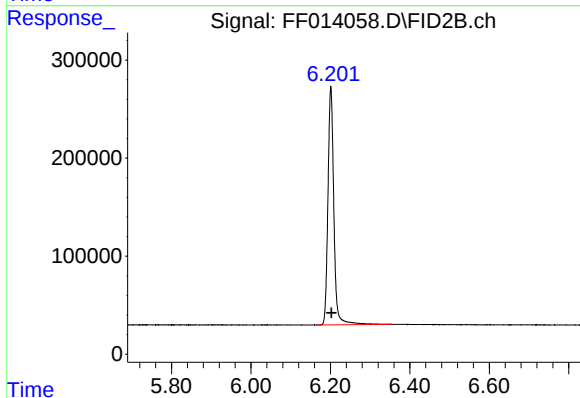
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





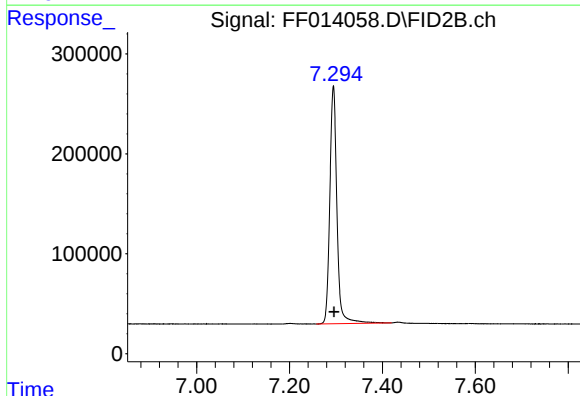
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 2442807
Conc: 19.51 ug/ml



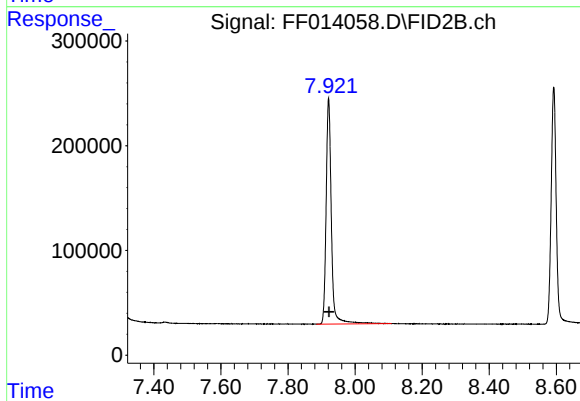
#2 Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 2500857
Conc: 19.83 ug/ml



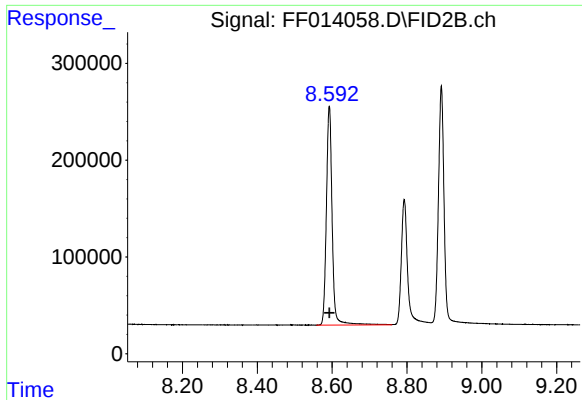
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: -0.001 min
Response: 2529973
Conc: 19.93 ug/ml



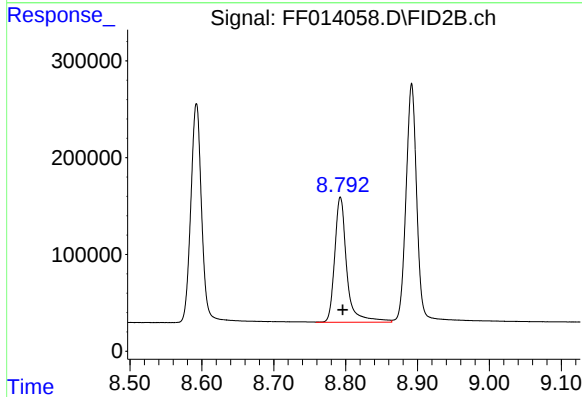
#4 2-Bromonaphthalene (SURR)

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 2339332
Conc: 20.11 ug/ml



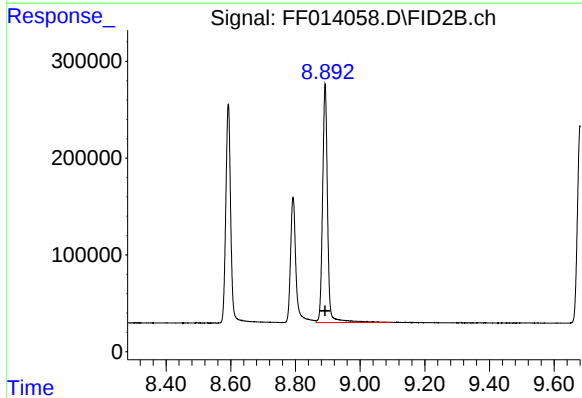
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 2422357
Conc: 20.05 ug/ml



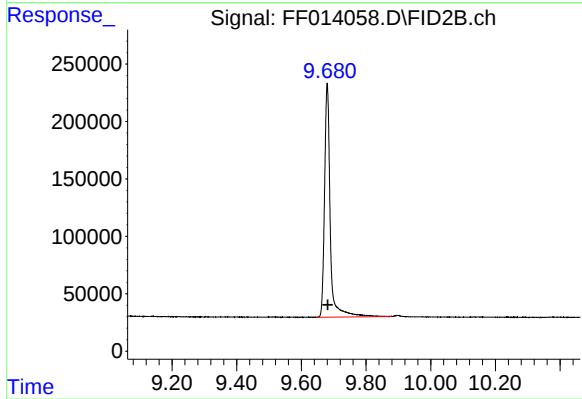
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.793 min
Delta R.T.: -0.003 min
Response: 1514623
Conc: 20.60 ug/ml



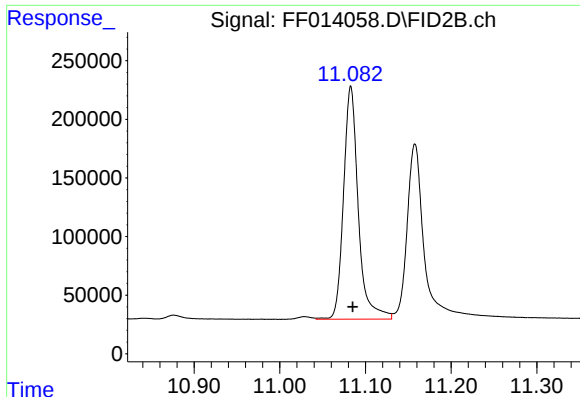
#7 Acenaphthene (C15.5)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 2653467
Conc: 19.94 ug/ml



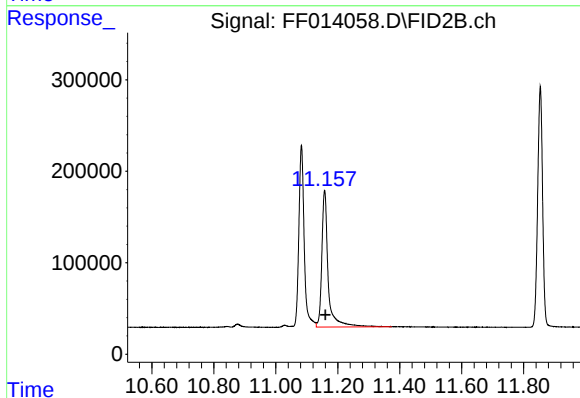
#8 Flouorene (C16.55)

R.T.: 9.680 min
Delta R.T.: -0.002 min
Response: 2483238
Conc: 19.91 ug/ml



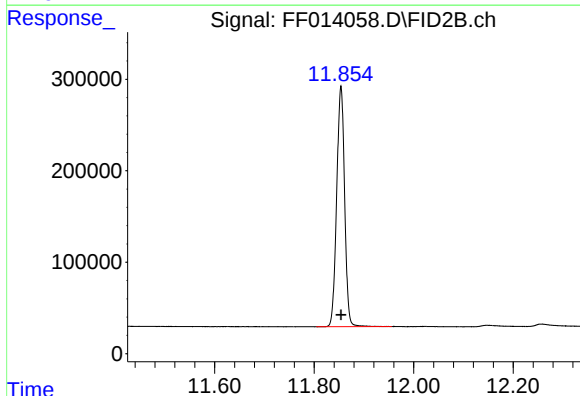
#9 Phenanthrene (C19.36)

R.T.: 11.083 min
Delta R.T.: -0.002 min
Response: 2381229
Conc: 19.82 ug/ml



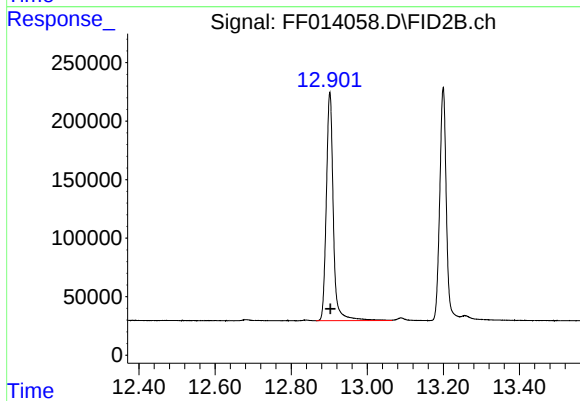
#10 Anthracene (C19.43)

R.T.: 11.158 min
Delta R.T.: -0.003 min
Response: 2141134
Conc: 20.41 ug/ml



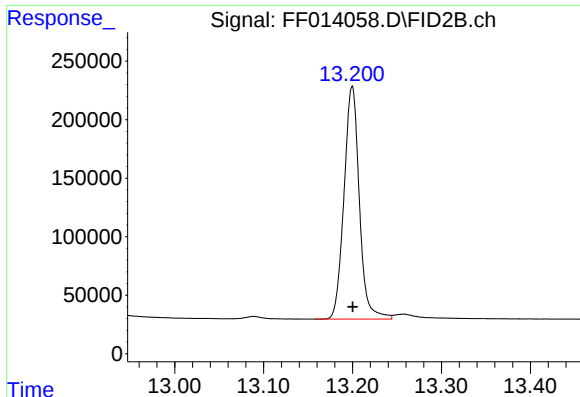
#11 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 2911598
Conc: 19.51 ug/ml



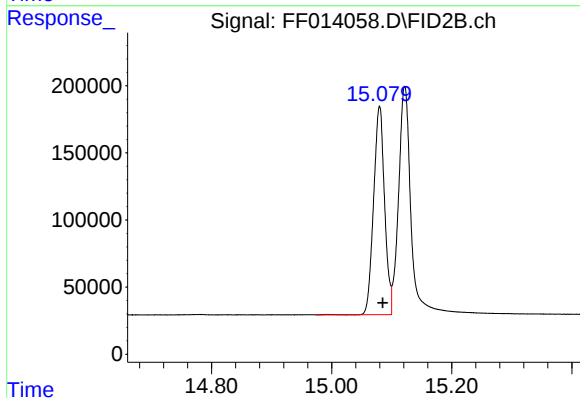
#12 Fluoranthene (C21.85)

R.T.: 12.902 min
Delta R.T.: -0.002 min
Response: 2503320
Conc: 19.69 ug/ml



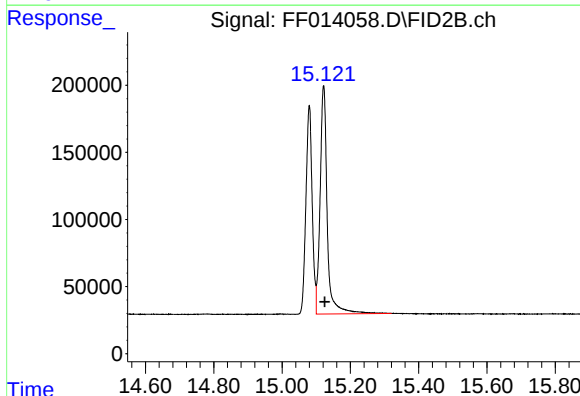
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 2387923
Conc: 19.37 ug/ml



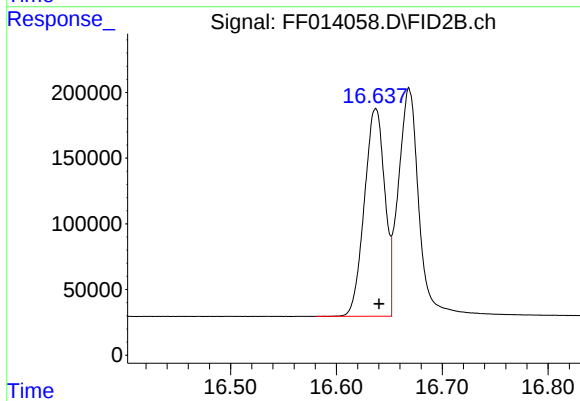
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.080 min
Delta R.T.: -0.005 min
Response: 1974297
Conc: 19.85 ug/ml



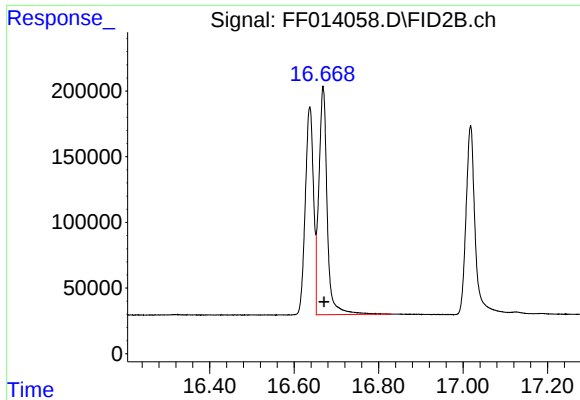
#15 Chrysene (C27.41)

R.T.: 15.122 min
Delta R.T.: -0.003 min
Response: 2464342
Conc: 18.96 ug/ml



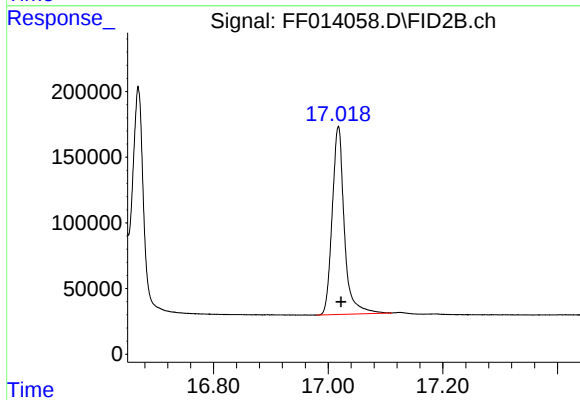
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.637 min
Delta R.T.: -0.003 min
Response: 2122072
Conc: 19.76 ug/ml



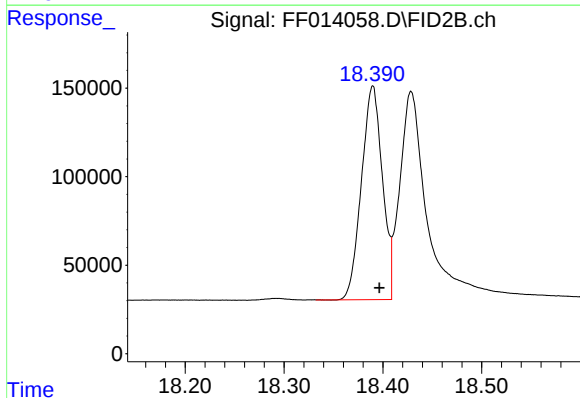
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.669 min
Delta R.T.: -0.002 min
Response: 2381280
Conc: 18.86 ug/ml



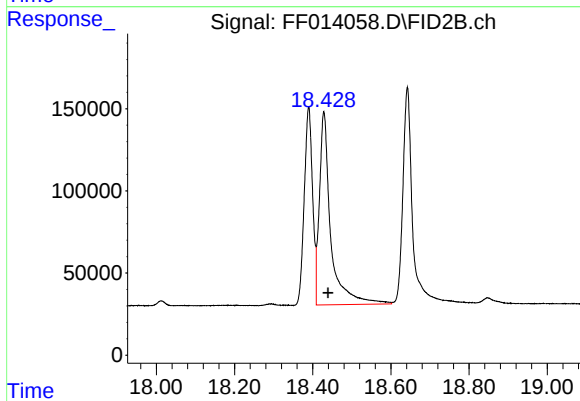
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.018 min
Delta R.T.: -0.005 min
Response: 2104024
Conc: 19.08 ug/ml



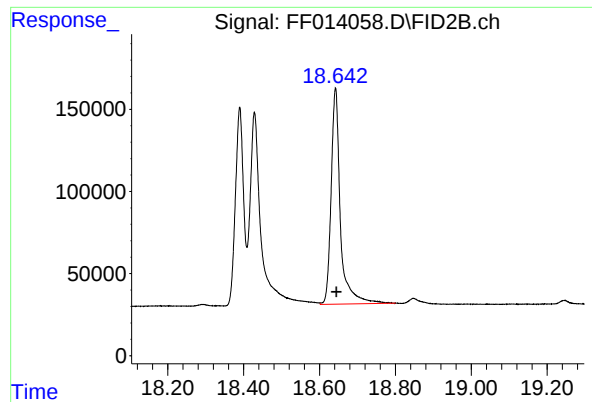
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.390 min
Delta R.T.: -0.007 min
Response: 1778549
Conc: 19.41 ug/ml



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

R.T.: 18.429 min
Delta R.T.: -0.010 min
Response: 2377579
Conc: 18.41 ug/ml



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

R.T.: 18.642 min
Delta R.T.: -0.002 min
Response: 2231269
Conc: 19.16 ug/ml