

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022124AR\
 Data File : FF014067.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2024 11:45
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 02:38:14 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	2375204	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
6) S 2-Fluorobiphenyl (SURR)	8.793	1522920	20.710 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.42%
11) S ortho-Terphenyl (SURR)	11.854	2970716	19.911 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	2495991	19.930 ug/ml
2) T Naphthalene (C11.7)	6.201	2555954	20.270 ug/ml
3) T 2-Methylnaphthalene (...)	7.294	2583877	20.356 ug/ml
5) T Acenaphthylene (C15.06)	8.592	2449206	20.270 ug/ml
7) T Acenaphthene (C15.5)	8.891	2700279	20.295 ug/ml
8) T Flouorene (C16.55)	9.679	2526380	20.255 ug/ml
9) T Phenanthrene (C19.36)	11.083	2412381	20.084 ug/ml
10) T Anthracene (C19.43)	11.157	2173271	20.721 ug/ml
12) T Fluoranthene (C21.85)	12.900	2528501	19.887 ug/ml
13) T Pyrene (C20.8)	13.199	2397860	19.455 ug/ml
14) T Benzo[a]anthracene (C...	15.080	1972403	19.831 ug/ml
15) T Chrysene (C27.41)	15.121	2471543	19.019 ug/ml
16) T benzo[b]fluoranthene ...	16.637	2127072	19.805 ug/ml
17) T Bnezo[k]fluoranthene ...	16.668	2409687	19.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.017	2157414	19.562 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.388	1807030	19.725 ug/ml
20) T Dibenz[a,h]anthracene...	18.428	2428941	18.807 ug/ml
21) T Benzo[g,h,i]perylene ...	18.642	2312868	19.862 ug/ml

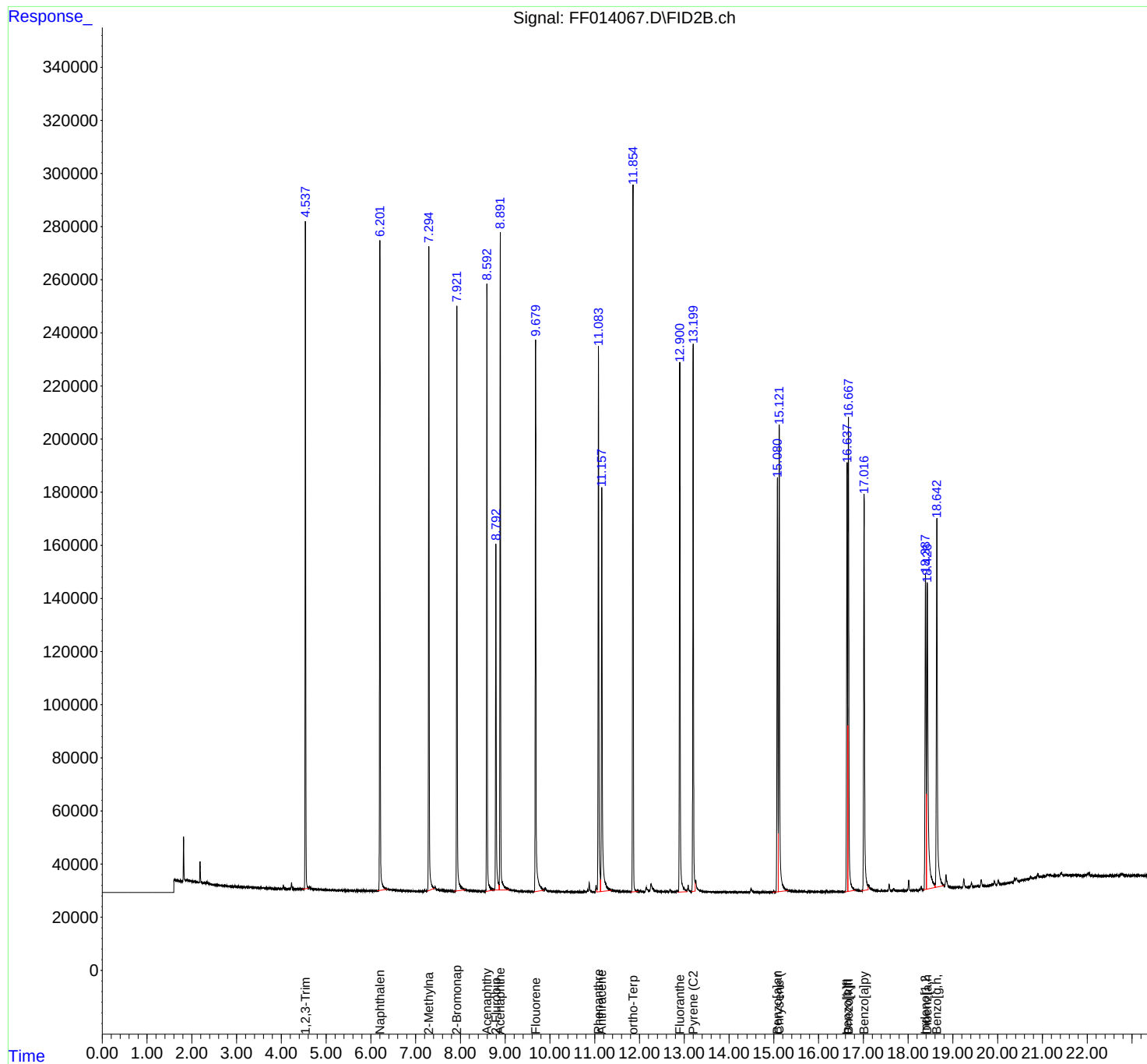
(f)=RT Delta > 1/2 Window

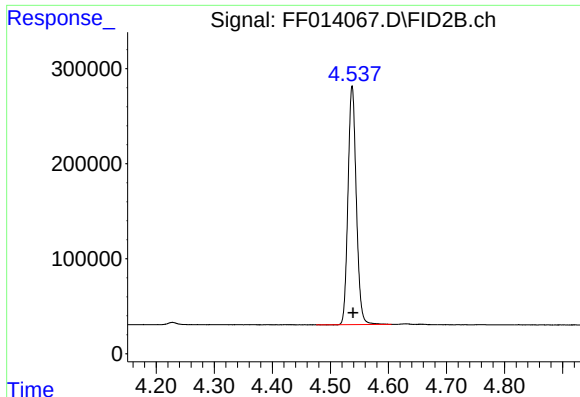
(m)=manual int.

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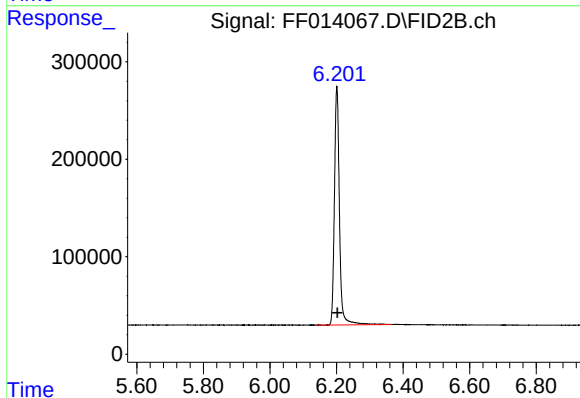
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





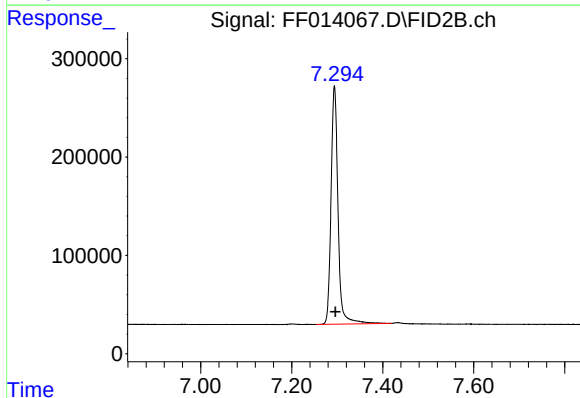
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 2495991
Conc: 19.93 ug/ml



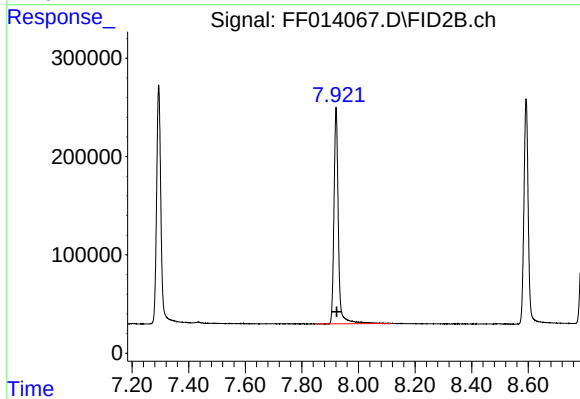
#2 Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 2555954
Conc: 20.27 ug/ml



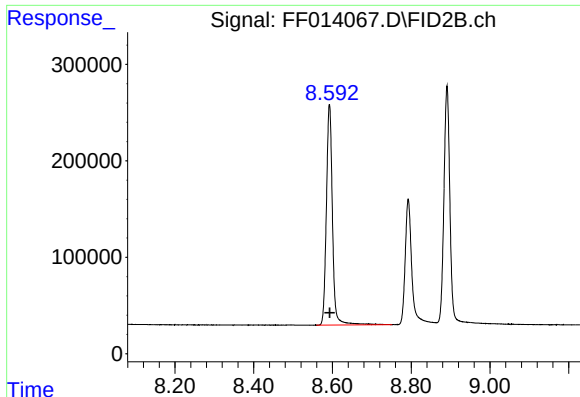
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 2583877
Conc: 20.36 ug/ml



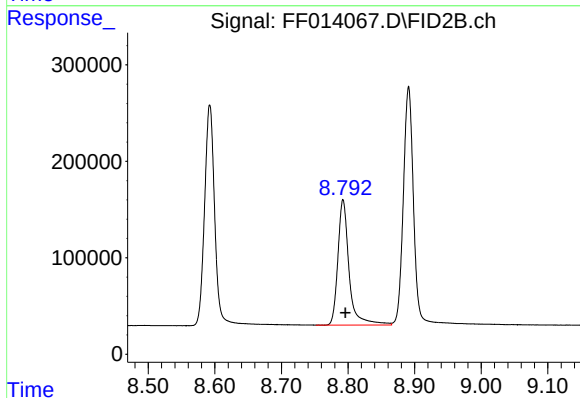
#4 2-Bromonaphthalene (SURR)

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 2375204
Conc: 20.42 ug/ml



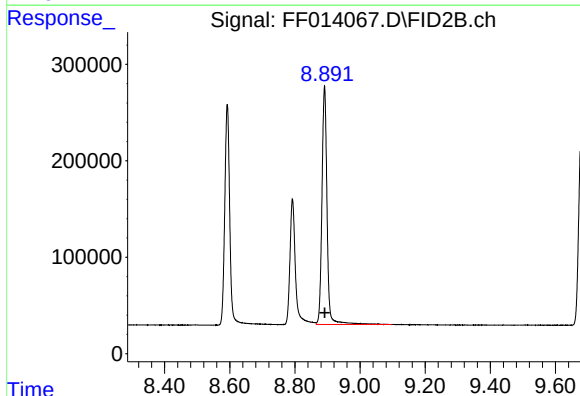
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 2449206
Conc: 20.27 ug/ml



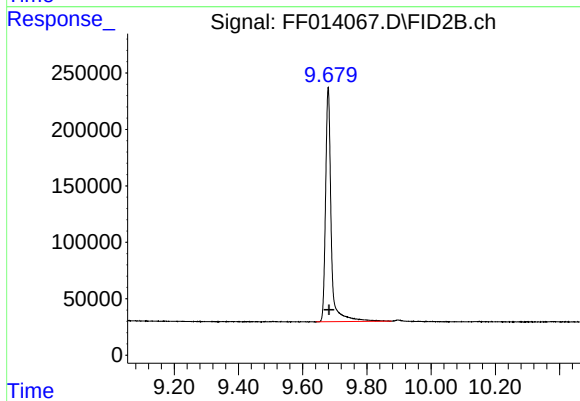
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.793 min
Delta R.T.: -0.003 min
Response: 1522920
Conc: 20.71 ug/ml



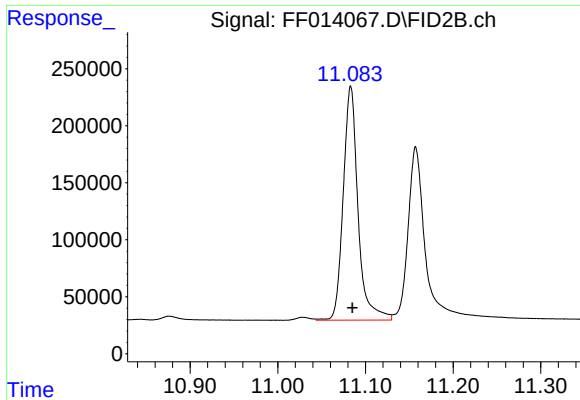
#7 Acenaphthene (C15.5)

R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 2700279
Conc: 20.29 ug/ml



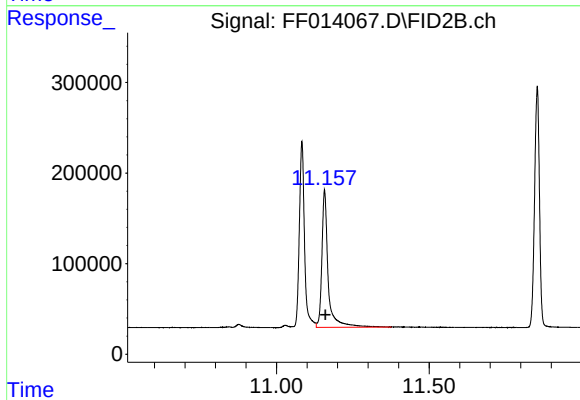
#8 Fluorene (C16.55)

R.T.: 9.679 min
Delta R.T.: -0.002 min
Response: 2526380
Conc: 20.26 ug/ml



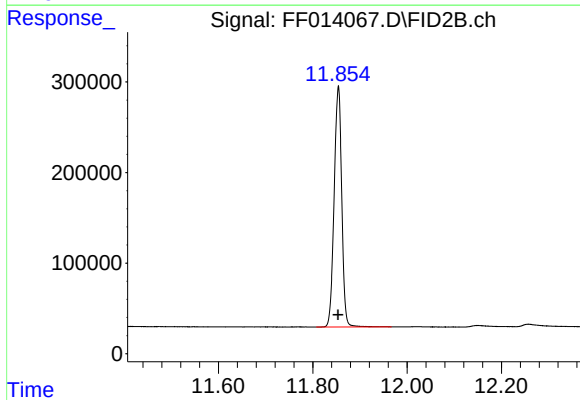
#9 Phenanthrene (C19.36)

R.T.: 11.083 min
Delta R.T.: -0.002 min
Response: 2412381
Conc: 20.08 ug/ml



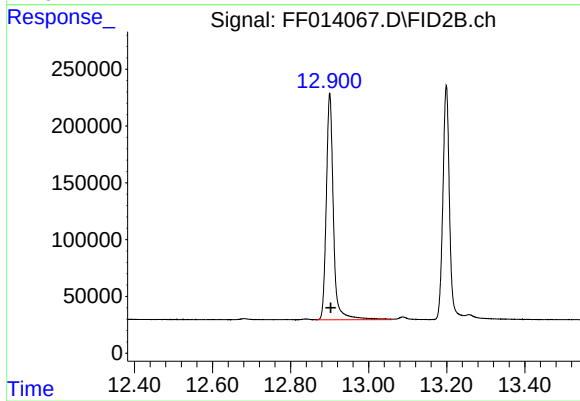
#10 Anthracene (C19.43)

R.T.: 11.157 min
Delta R.T.: -0.003 min
Response: 2173271
Conc: 20.72 ug/ml



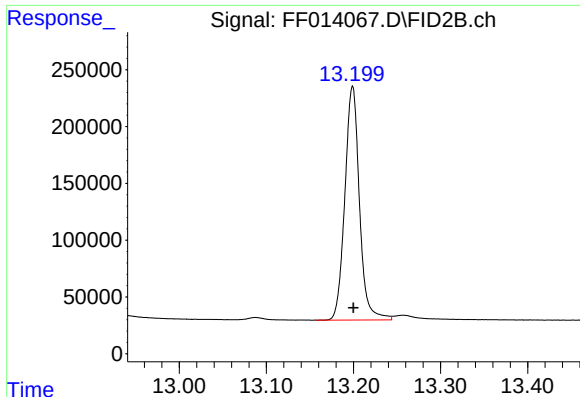
#11 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 2970716
Conc: 19.91 ug/ml



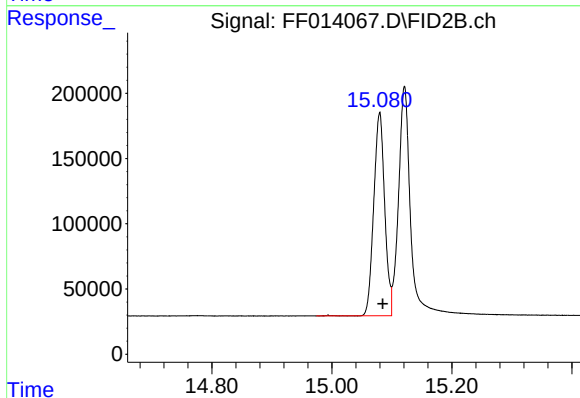
#12 Fluoranthene (C21.85)

R.T.: 12.900 min
Delta R.T.: -0.003 min
Response: 2528501
Conc: 19.89 ug/ml



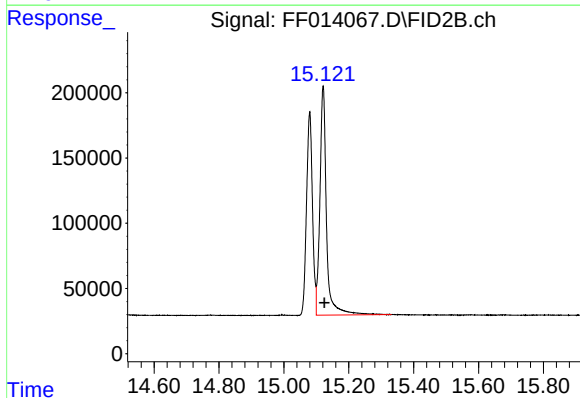
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: -0.001 min
Response: 2397860
Conc: 19.45 ug/ml



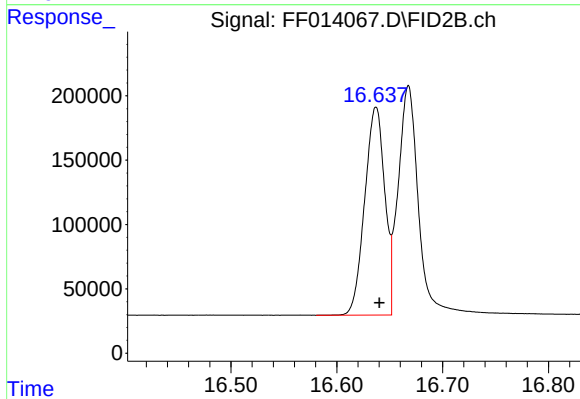
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.080 min
Delta R.T.: -0.005 min
Response: 1972403
Conc: 19.83 ug/ml



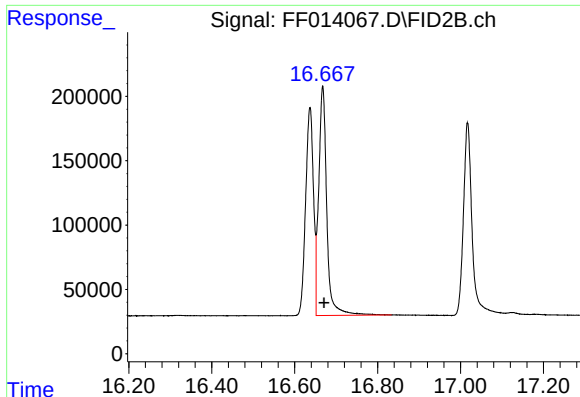
#15 Chrysene (C27.41)

R.T.: 15.121 min
Delta R.T.: -0.004 min
Response: 2471543
Conc: 19.02 ug/ml



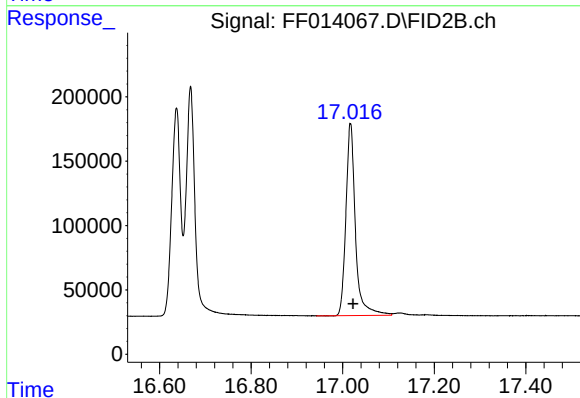
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.637 min
Delta R.T.: -0.003 min
Response: 2127072
Conc: 19.81 ug/ml



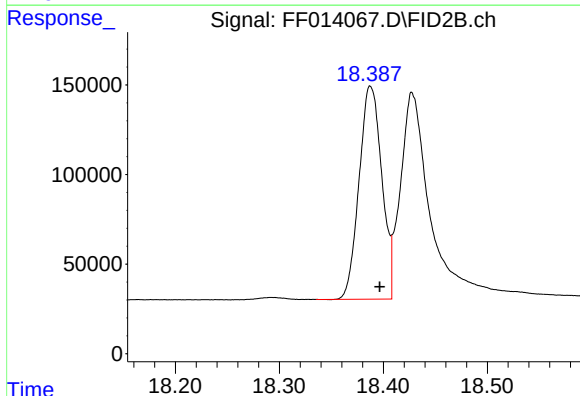
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.668 min
Delta R.T.: -0.003 min
Response: 2409687
Conc: 19.08 ug/ml



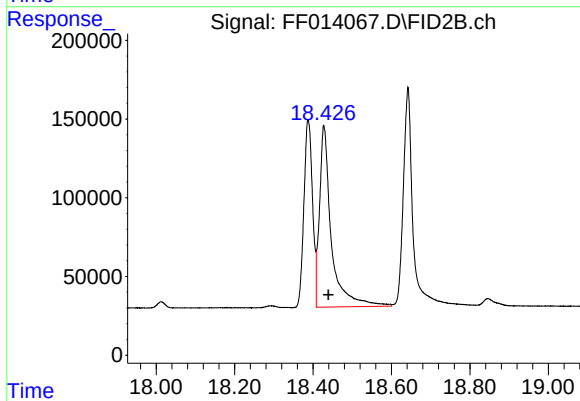
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.017 min
Delta R.T.: -0.005 min
Response: 2157414
Conc: 19.56 ug/ml



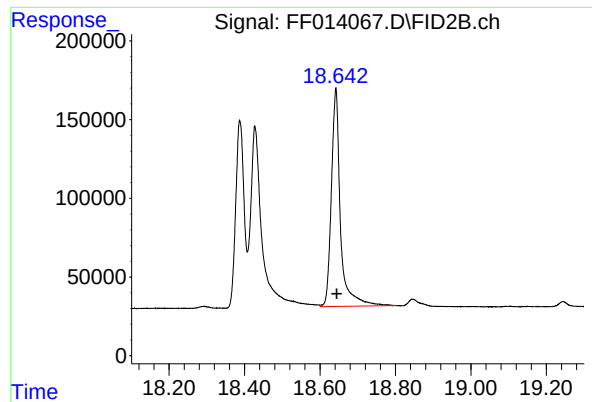
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.388 min
Delta R.T.: -0.009 min
Response: 1807030
Conc: 19.73 ug/ml



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

R.T.: 18.428 min
Delta R.T.: -0.011 min
Response: 2428941
Conc: 18.81 ug/ml



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

R.T.: 18.642 min
Delta R.T.: -0.003 min
Response: 2312868
Conc: 19.86 ug/ml