

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014041.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 09:21
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 11:11:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:02:14 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...	7.926	11462793	99.940 ug/ml
Spiked Amount 50.000		Recovery =	199.88%
6) S 2-Fluorobiphenyl (SURR)	8.798	7682875	102.556 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	205.11%#
11) S ortho-Terphenyl (SURR)	11.863	13786082	98.136 ug/ml
Spiked Amount 50.000		Recovery =	196.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	11694587	98.569 ug/ml
2) T Naphthalene (C11.7)	6.205	12365744	100.294 ug/ml
3) T 2-Methylnaphthalene (...)	7.300	12564801	100.576 ug/ml
5) T Acenaphthylene (C15.06)	8.599	11714730	99.730 ug/ml
7) T Acenaphthene (C15.5)	8.901	12558178	98.439 ug/ml
8) T Fluorene (C16.55)	9.688	12199650	100.153 ug/ml
9) T Phenanthrene (C19.36)	11.093	12056304	101.438 ug/ml
10) T Anthracene (C19.43)	11.166	8903477	91.597 ug/ml
12) T Fluoranthene (C21.85)	12.915	12264928	99.506 ug/ml
13) T Pyrene (C20.8)	13.213	11859500	100.242 ug/ml
14) T Benzo[a]anthracene (C...	15.094	10386849	102.548 ug/ml
15) T Chrysene (C27.41)	15.141	11388676	96.076 ug/ml
16) T benzo[b]fluoranthene ...	16.655	10977022	101.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.693	10910876	97.017 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.037	10520823	100.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.410	9801481	105.580 ug/ml
20) T Dibenz[a,h]anthracene...	18.447	9831493	88.983 ug/ml
21) T Benzo[g,h,i]perylene ...	18.670	10230688	95.996 ug/ml

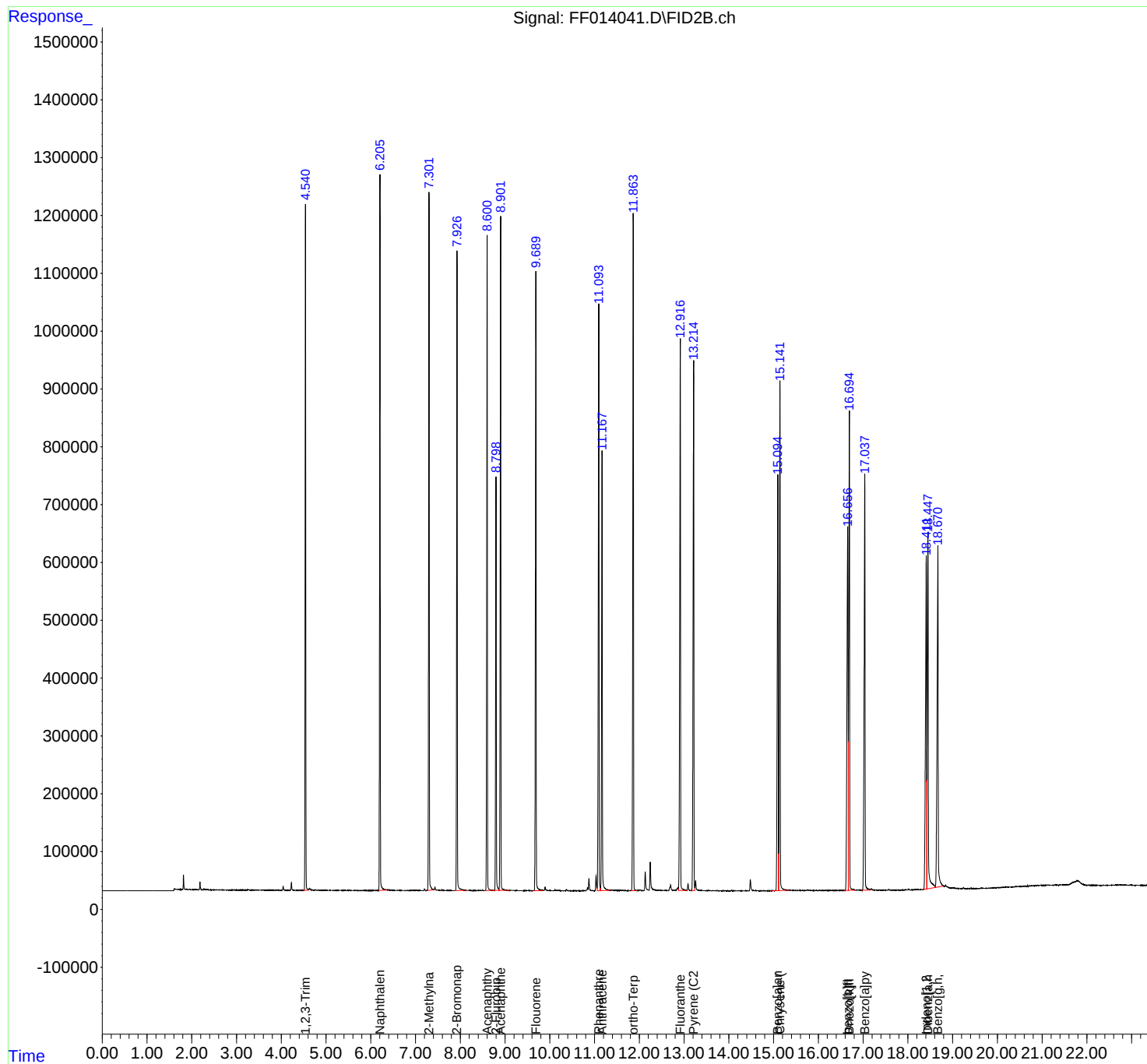
(f)=RT Delta > 1/2 Window

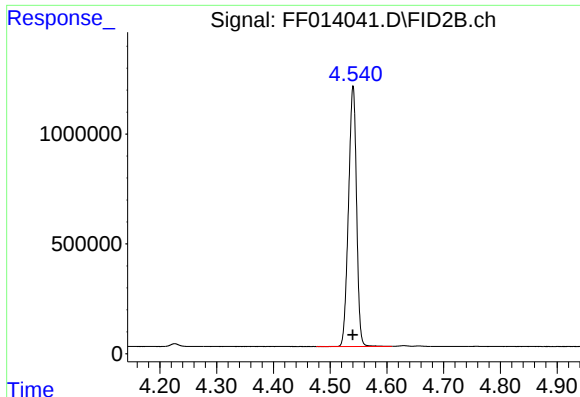
(m)=manual int.

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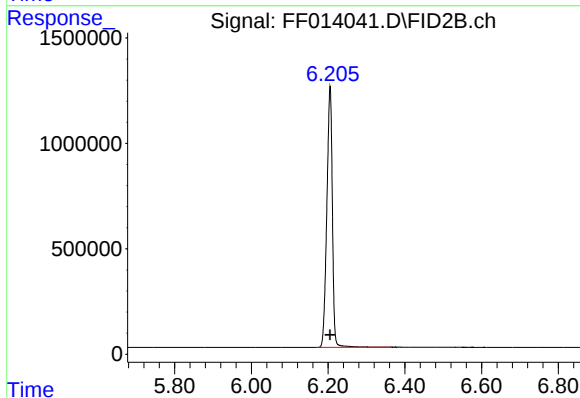
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





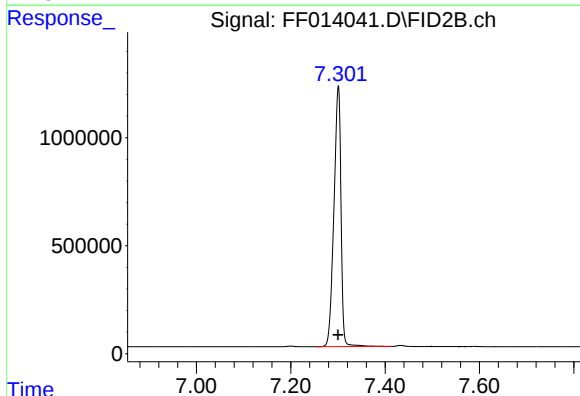
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 11694587
Conc: 98.57 ug/ml



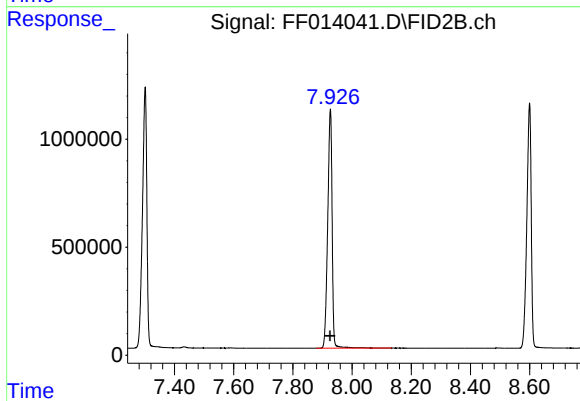
#2 Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 12365744
Conc: 100.29 ug/ml



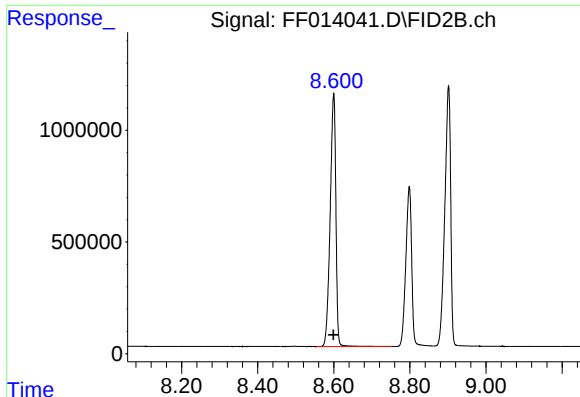
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 12564801
Conc: 100.58 ug/ml



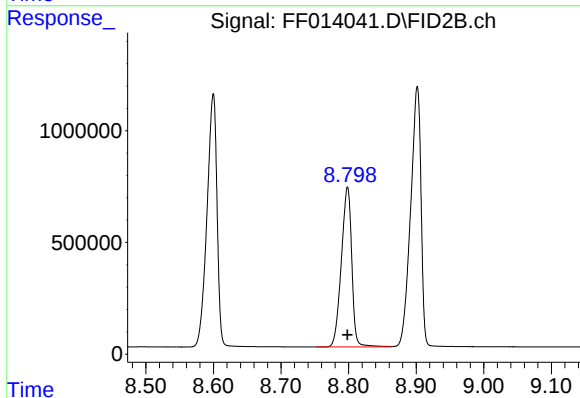
#4 2-Bromonaphthalene (SURR)

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 11462793
Conc: 99.94 ug/ml



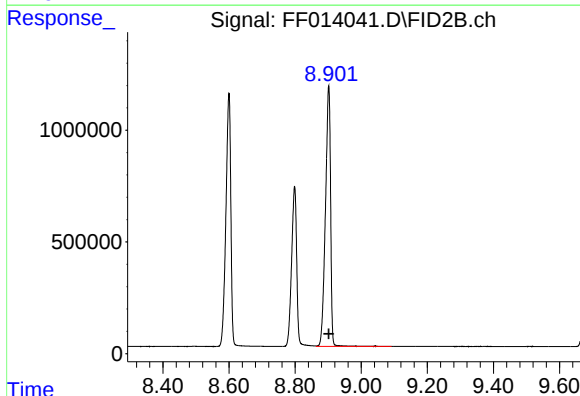
#5 Acenaphthylene (C15.06)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 11714730
Conc: 99.73 ug/ml



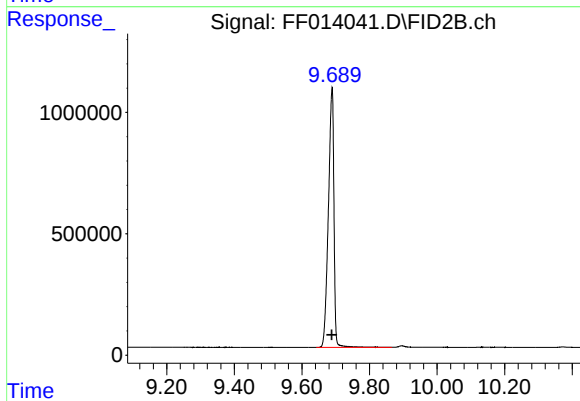
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 7682875
Conc: 102.56 ug/ml



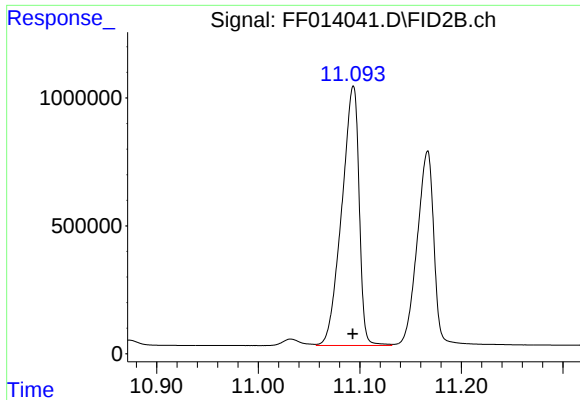
#7 Acenaphthene (C15.5)

R.T.: 8.901 min
Delta R.T.: 0.000 min
Response: 12558178
Conc: 98.44 ug/ml



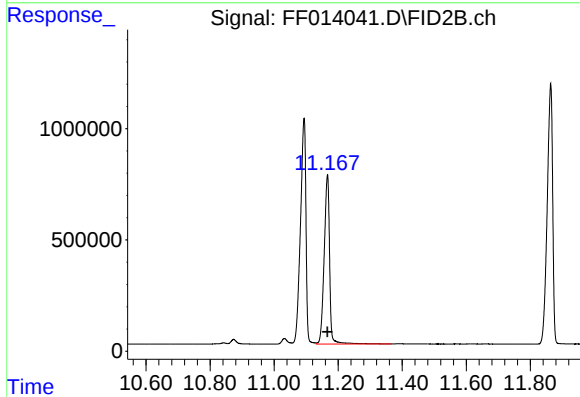
#8 Flouorene (C16.55)

R.T.: 9.688 min
Delta R.T.: 0.000 min
Response: 12199650
Conc: 100.15 ug/ml



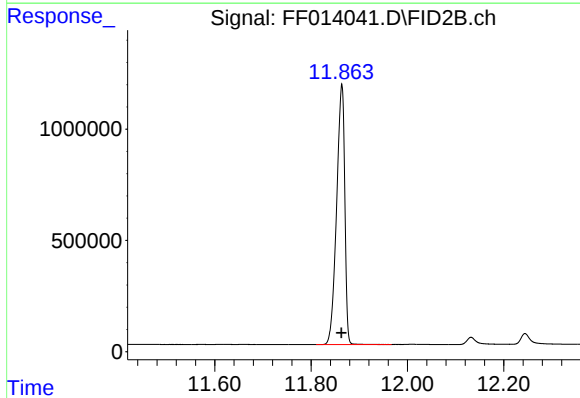
#9 Phenanthrene (C19.36)

R.T.: 11.093 min
Delta R.T.: 0.000 min
Response: 12056304
Conc: 101.44 ug/ml



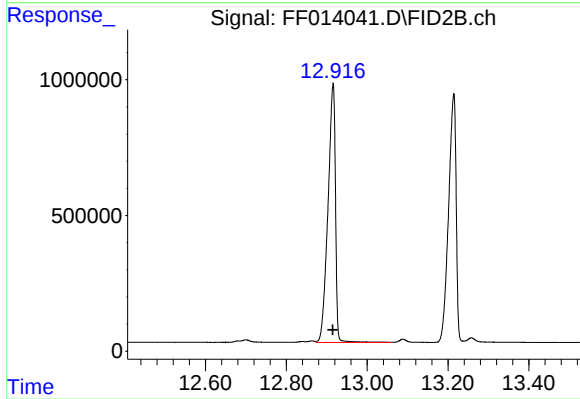
#10 Anthracene (C19.43)

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 8903477
Conc: 91.60 ug/ml



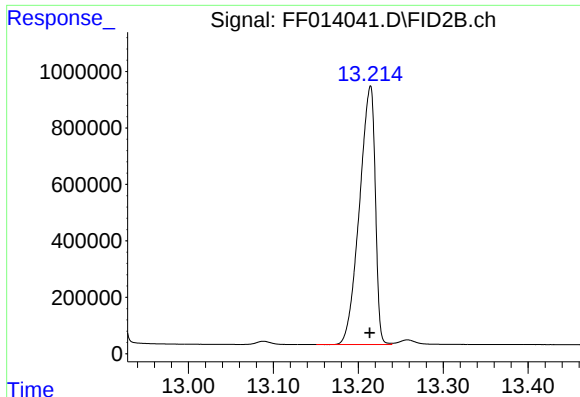
#11 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 13786082
Conc: 98.14 ug/ml



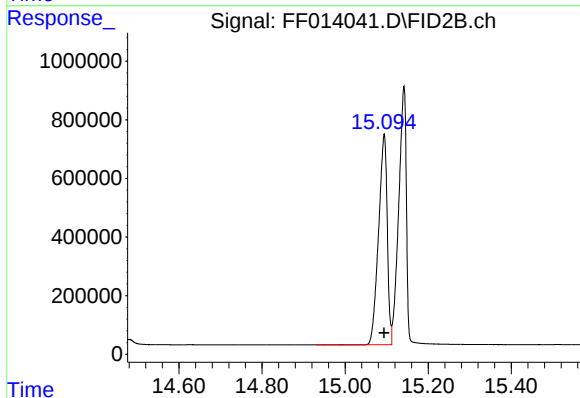
#12 Fluoranthene (C21.85)

R.T.: 12.915 min
Delta R.T.: 0.000 min
Response: 12264928
Conc: 99.51 ug/ml



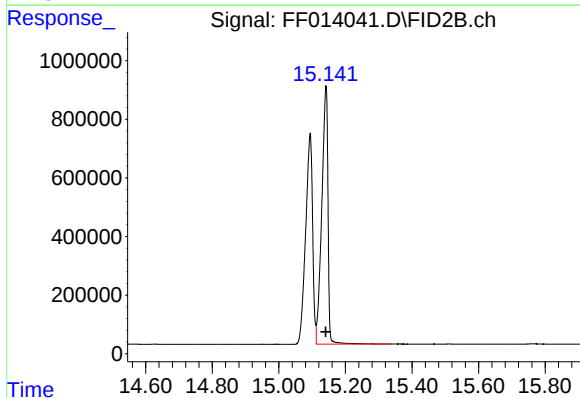
#13 Pyrene (C20.8)

R.T.: 13.213 min
Delta R.T.: 0.000 min
Response: 11859500
Conc: 100.24 ug/ml



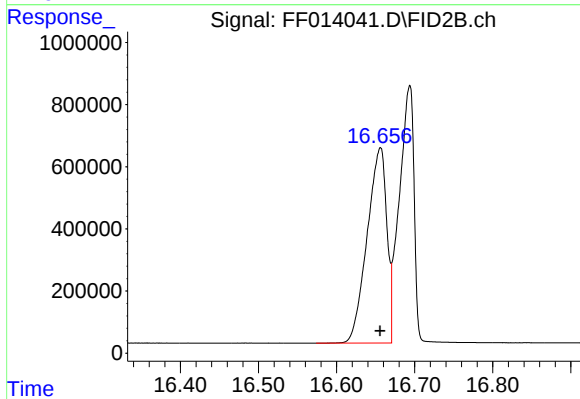
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.094 min
Delta R.T.: 0.000 min
Response: 10386849
Conc: 102.55 ug/ml



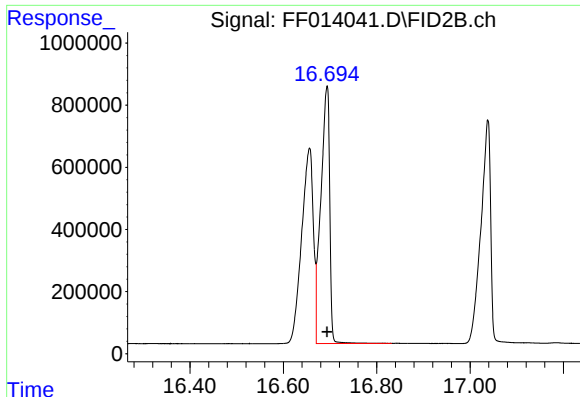
#15 Chrysene (C27.41)

R.T.: 15.141 min
Delta R.T.: 0.000 min
Response: 11388676
Conc: 96.08 ug/ml



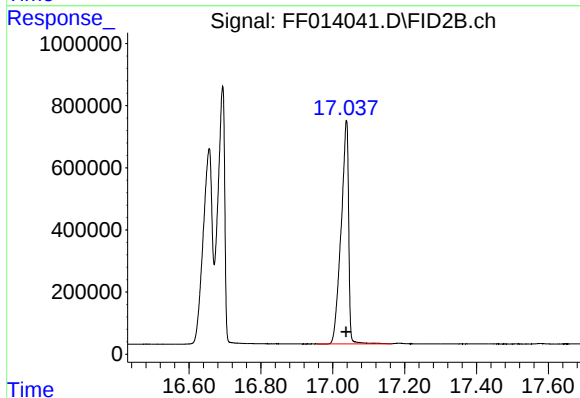
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.655 min
Delta R.T.: 0.000 min
Response: 10977022
Conc: 102.00 ug/ml



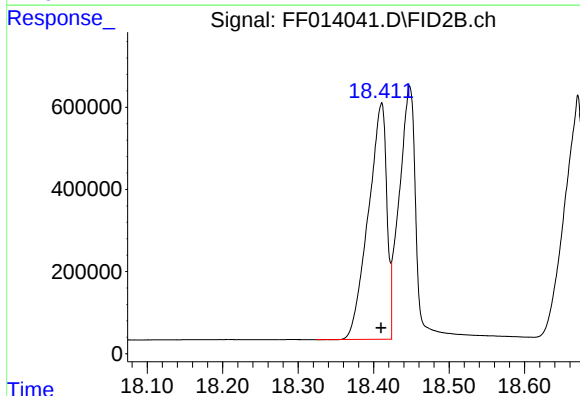
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.693 min
Delta R.T.: 0.000 min
Response: 10910876
Conc: 97.02 ug/ml



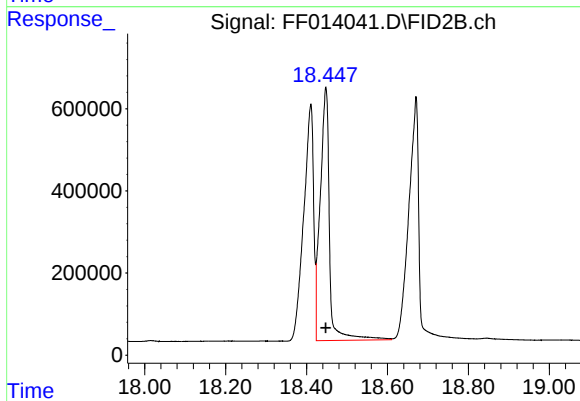
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.037 min
Delta R.T.: 0.000 min
Response: 10520823
Conc: 100.52 ug/ml



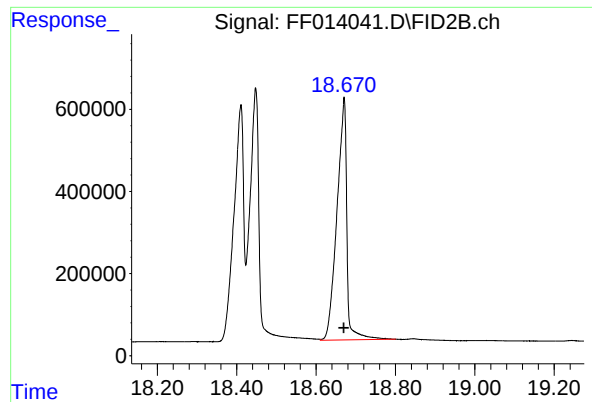
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.410 min
Delta R.T.: 0.000 min
Response: 9801481
Conc: 105.58 ug/ml



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

R.T.: 18.447 min
Delta R.T.: 0.000 min
Response: 9831493
Conc: 88.98 ug/ml



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

R.T.: 18.670 min
Delta R.T.: 0.000 min
Response: 10230688
Conc: 96.00 ug/ml