

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014042.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 09:50
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 11:13:44 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...	7.923	5882708	50.852 ug/ml
Spiked Amount 50.000		Recovery =	101.70%
6) S 2-Fluorobiphenyl (SURR)	8.795	3909845	51.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.88%
11) S ortho-Terphenyl (SURR)	11.858	7112292	50.417 ug/ml
Spiked Amount 50.000		Recovery =	100.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	6059220	50.709 ug/ml
2) T Naphthalene (C11.7)	6.202	6355195	51.019 ug/ml
3) T 2-Methylnaphthalene (...)	7.297	6437307	51.008 ug/ml
5) T Acenaphthylene (C15.06)	8.595	6031234	50.889 ug/ml
7) T Acenaphthene (C15.5)	8.896	6511020	50.687 ug/ml
8) T Fluorene (C16.55)	9.683	6270293	50.974 ug/ml
9) T Phenanthrene (C19.36)	11.087	6128509	51.032 ug/ml
10) T Anthracene (C19.43)	11.161	4852761	49.950 ug/ml
12) T Fluoranthene (C21.85)	12.908	6281488	50.637 ug/ml
13) T Pyrene (C20.8)	13.205	6041682	50.706 ug/ml
14) T Benzo[a]anthracene (C...	15.086	5312545	51.607 ug/ml
15) T Chrysene (C27.41)	15.130	5940402	50.076 ug/ml
16) T benzo[b]fluoranthene ...	16.646	5589981	51.278 ug/ml
17) T Bnezo[k]fluoranthene ...	16.680	5722921	50.107 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.026	5418289	51.165 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.398	4870015	51.613 ug/ml
20) T Dibenz[a,h]anthracene...	18.436	5672745	50.887 ug/ml
21) T Benzo[g,h,i]perylene ...	18.655	5342169	50.084 ug/ml

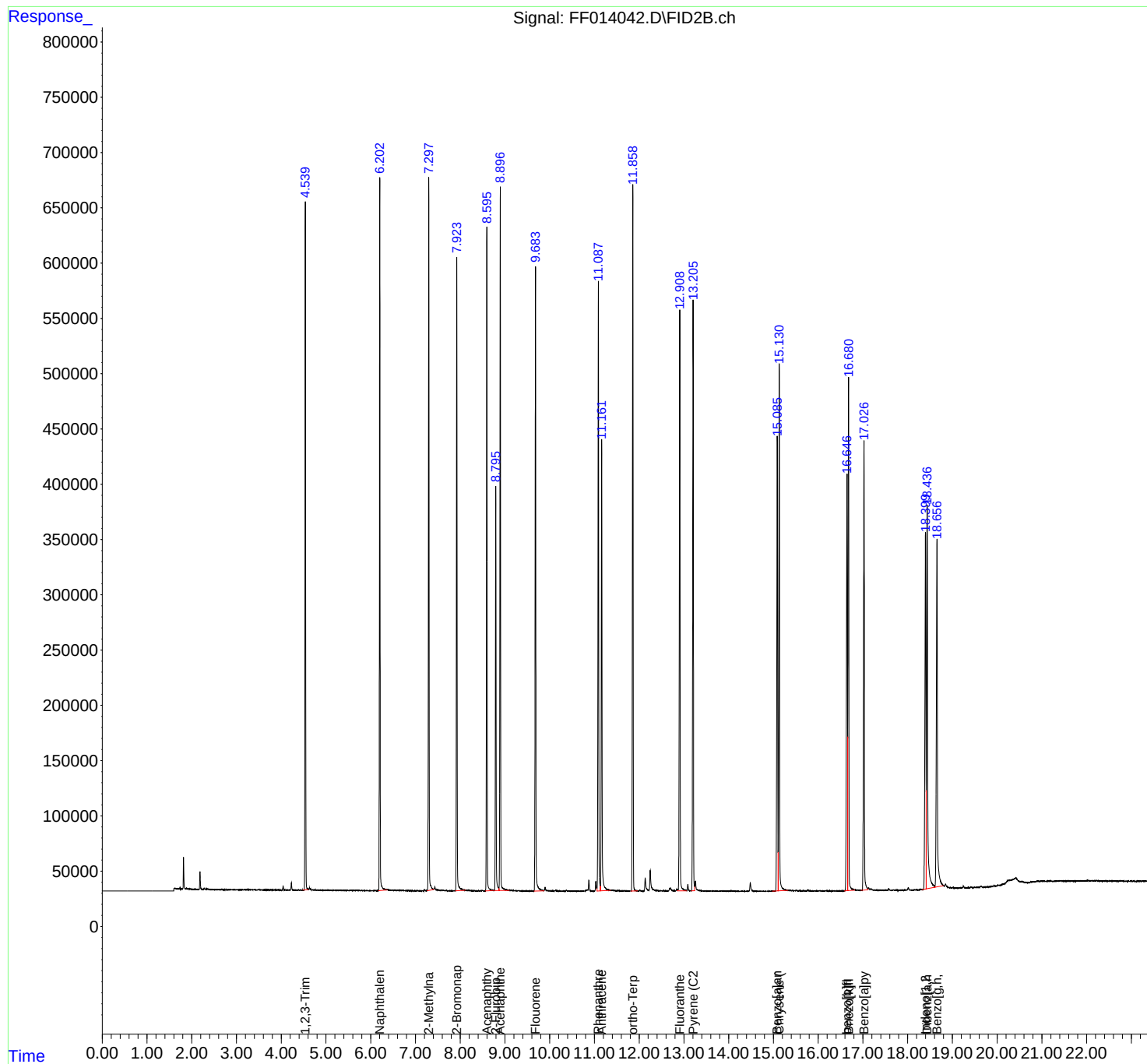
(f)=RT Delta > 1/2 Window

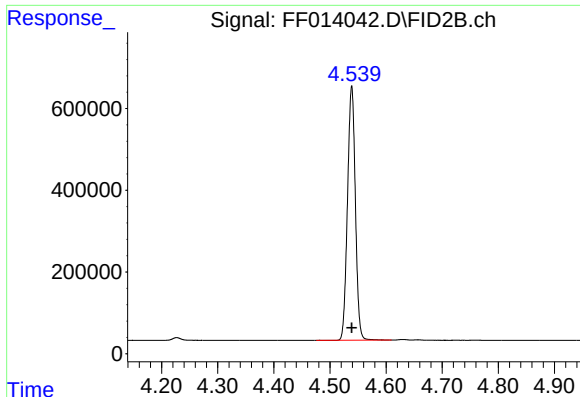
(m)=manual int.

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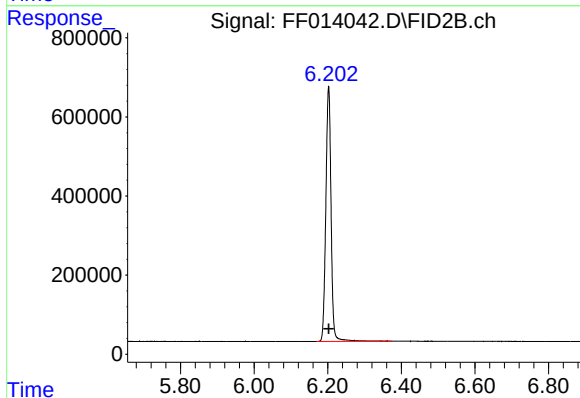
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Signal Info : 20M x 0.18mm x 0.18µm





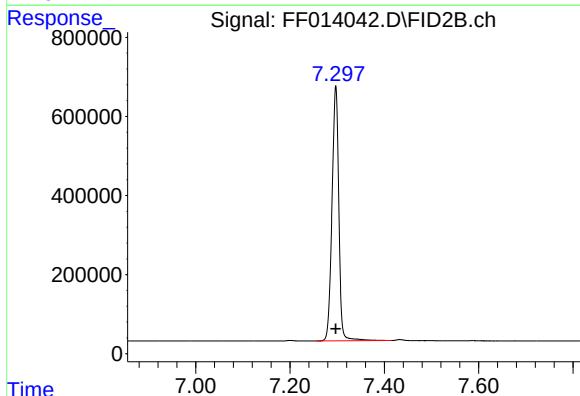
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 6059220
Conc: 50.71 ug/ml



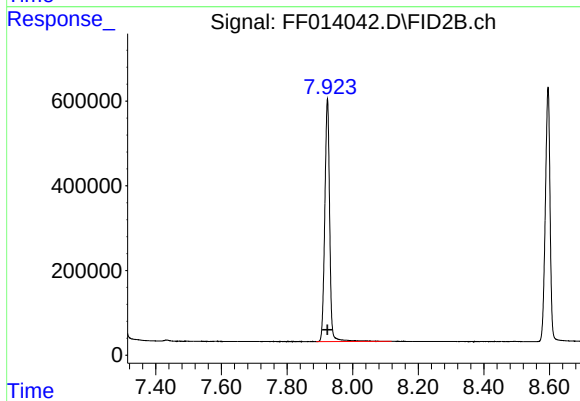
#2 Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 6355195
Conc: 51.02 ug/ml



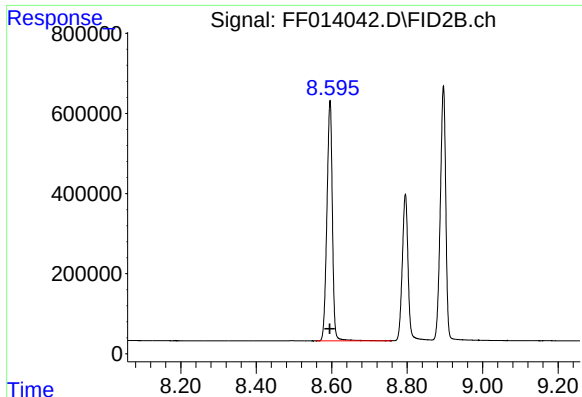
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 6437307
Conc: 51.01 ug/ml



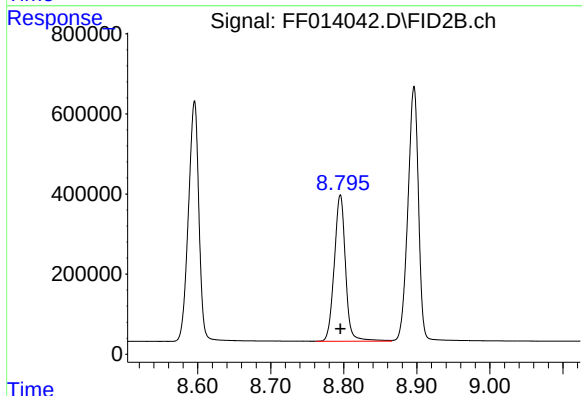
#4 2-Bromonaphthalene (SURR)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 5882708
Conc: 50.85 ug/ml



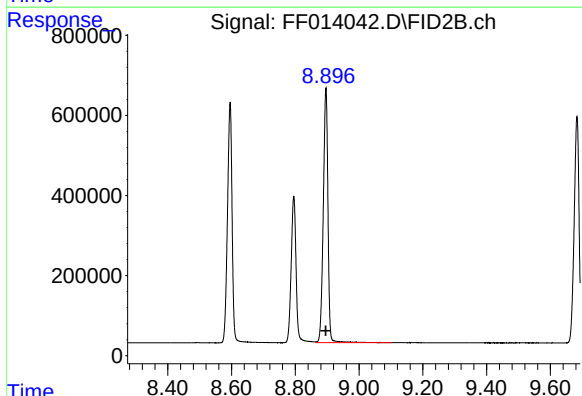
#5 Acenaphthylene (C15.06)

R.T.: 8.595 min
Delta R.T.: 0.000 min
Response: 6031234
Conc: 50.89 ug/ml



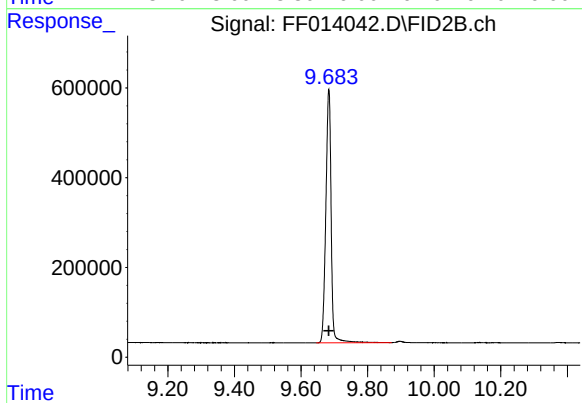
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 3909845
Conc: 51.44 ug/ml



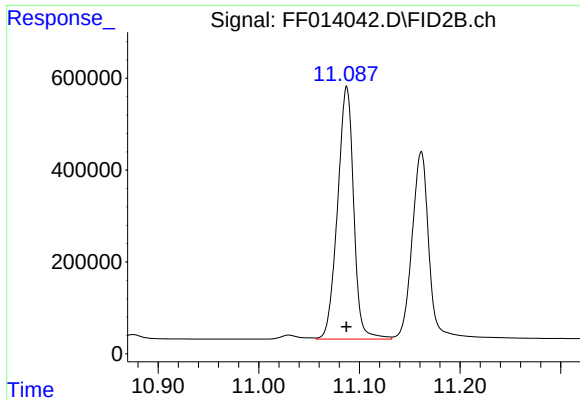
#7 Acenaphthene (C15.5)

R.T.: 8.896 min
Delta R.T.: 0.000 min
Response: 6511020
Conc: 50.69 ug/ml



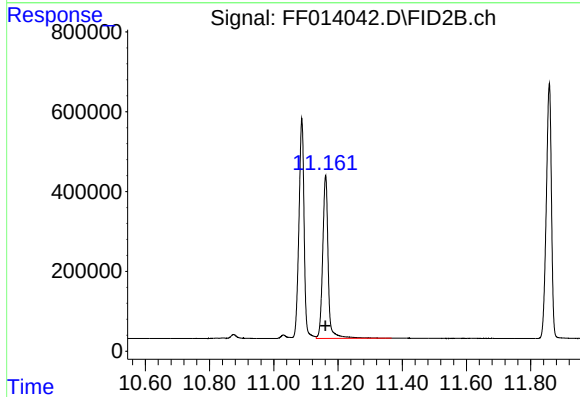
#8 Fluorene (C16.55)

R.T.: 9.683 min
Delta R.T.: 0.000 min
Response: 6270293
Conc: 50.97 ug/ml



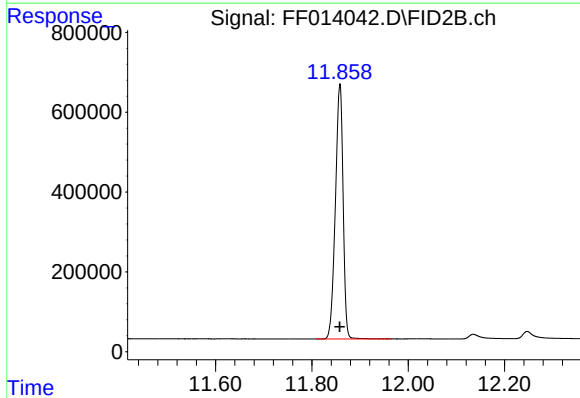
#9 Phenanthrene (C19.36)

R.T.: 11.087 min
Delta R.T.: 0.000 min
Response: 6128509
Conc: 51.03 ug/ml



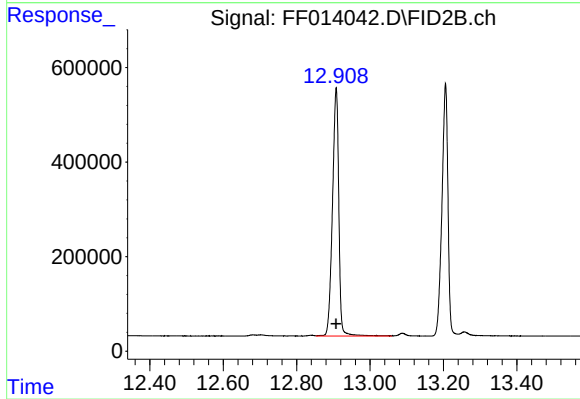
#10 Anthracene (C19.43)

R.T.: 11.161 min
Delta R.T.: 0.000 min
Response: 4852761
Conc: 49.95 ug/ml



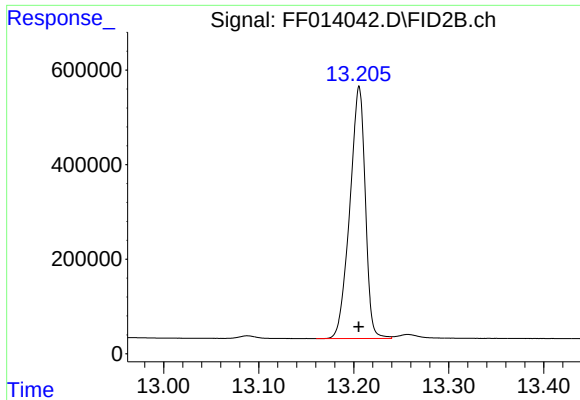
#11 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: 0.000 min
Response: 7112292
Conc: 50.42 ug/ml



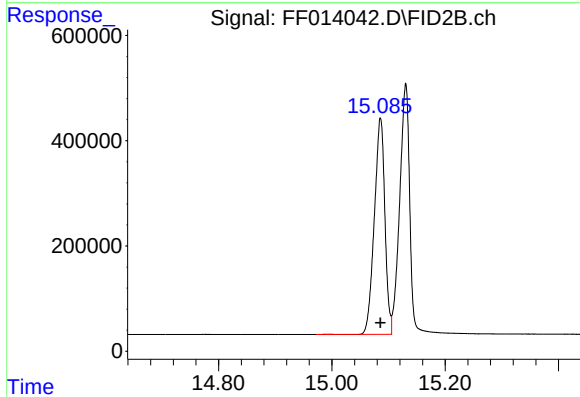
#12 Fluoranthene (C21.85)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 6281488
Conc: 50.64 ug/ml



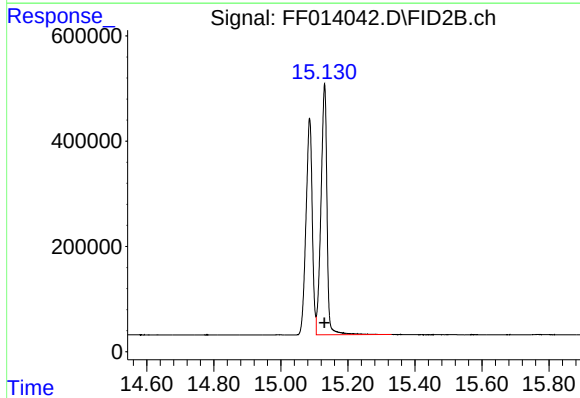
#13 Pyrene (C20.8)

R.T.: 13.205 min
Delta R.T.: 0.000 min
Response: 6041682
Conc: 50.71 ug/ml



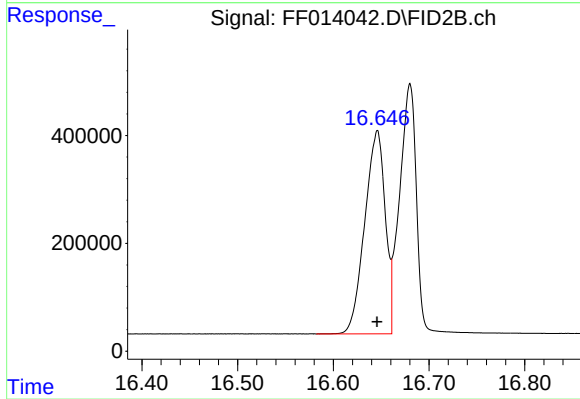
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.086 min
Delta R.T.: 0.000 min
Response: 5312545
Conc: 51.61 ug/ml



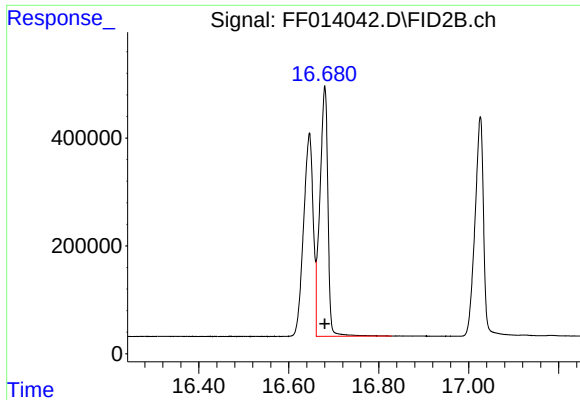
#15 Chrysene (C27.41)

R.T.: 15.130 min
Delta R.T.: 0.000 min
Response: 5940402
Conc: 50.08 ug/ml



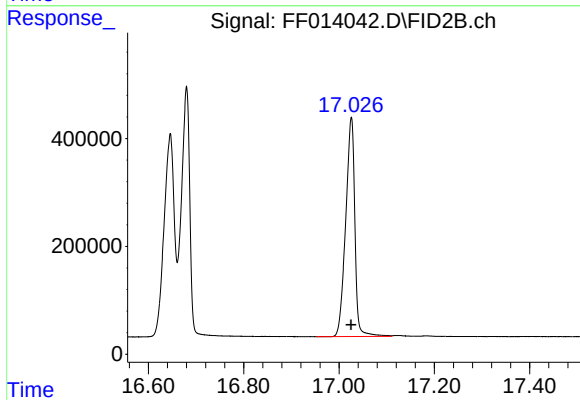
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.646 min
Delta R.T.: 0.000 min
Response: 5589981
Conc: 51.28 ug/ml



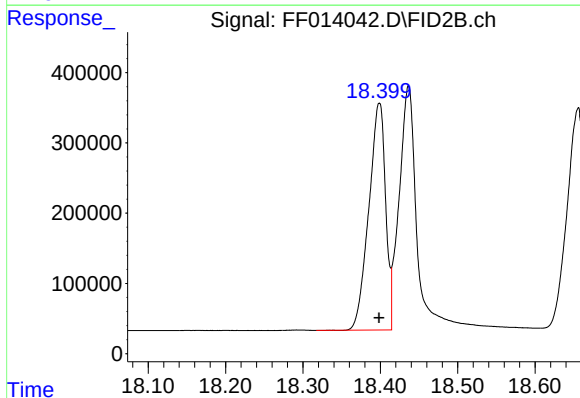
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.680 min
Delta R.T.: 0.000 min
Response: 5722921
Conc: 50.11 ug/ml



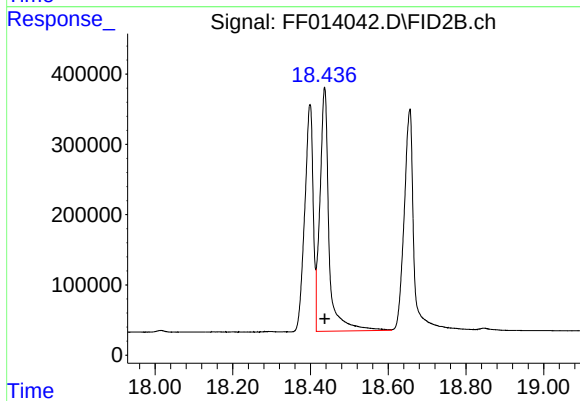
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.026 min
Delta R.T.: 0.000 min
Response: 5418289
Conc: 51.16 ug/ml



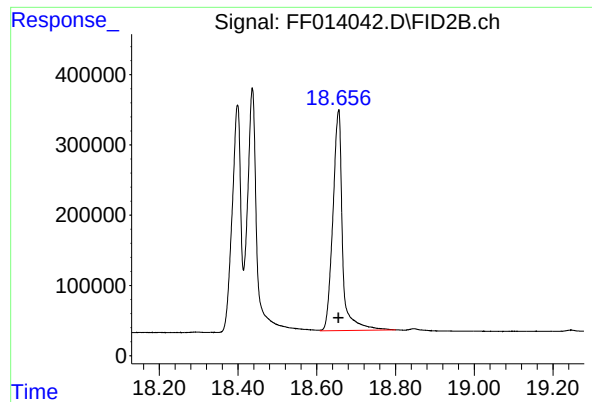
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.398 min
Delta R.T.: 0.000 min
Response: 4870015
Conc: 51.61 ug/ml



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

R.T.: 18.436 min
Delta R.T.: 0.000 min
Response: 5672745
Conc: 50.89 ug/ml



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

R.T.: 18.655 min
Delta R.T.: 0.000 min
Response: 5342169
Conc: 50.08 ug/ml