

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021924AR\
 Data File : FE046856.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2024 14:08
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 19 14:33:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 021924.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 19 14:33:07 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...	7.873	1001372	8.408 ug/ml
Spiked Amount 50.000		Recovery =	16.82%
6) S 2-Fluorobiphenyl (SURR)	8.777	367477	5.879 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.76%
11) S ortho-Terphenyl (SURR)	11.794	1588163	10.096 ug/ml
Spiked Amount 50.000		Recovery =	20.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.472	1317389	9.817 ug/ml
2) T Naphthalene (C11.7)	6.151	1038041	8.226 ug/ml
3) T 2-Methylnaphthalene (...)	7.247	1022730	8.021 ug/ml
5) T Acenaphthylene (C15.06)	8.540	1161822	9.088 ug/ml
7) T Acenaphthene (C15.5)	8.834	1598129	10.201 ug/ml
8) T Flouorene (C16.55)	9.645	1166703	9.033 ug/ml
9) T Phenanthrene (C19.36)	11.062	922441	8.232 ug/ml
10) T Anthracene (C19.43)	11.146	1245152	10.294 ug/ml
12) T Fluoranthene (C21.85)	12.882	1220264	9.448 ug/ml
13) T Pyrene (C20.8)	13.177	1257767	9.611 ug/ml
14) T Benzo[a]anthracene (C...	15.079	521705	7.054 ug/ml
15) T Chrysene (C27.41)	15.115	1809290	10.614 ug/ml
16) T benzo[b]fluoranthene ...	16.670	2546357	43.488 ug/ml
17) T Bnezo[k]fluoranthene ...	16.670	2546357	11.621 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.046	1117430	8.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	2623113	26.191 ug/ml
20) T Dibenz[a,h]anthracene...	18.458	2623113	15.576 ug/ml
21) T Benzo[g,h,i]perylene ...	18.688	1455362	10.189 ug/ml

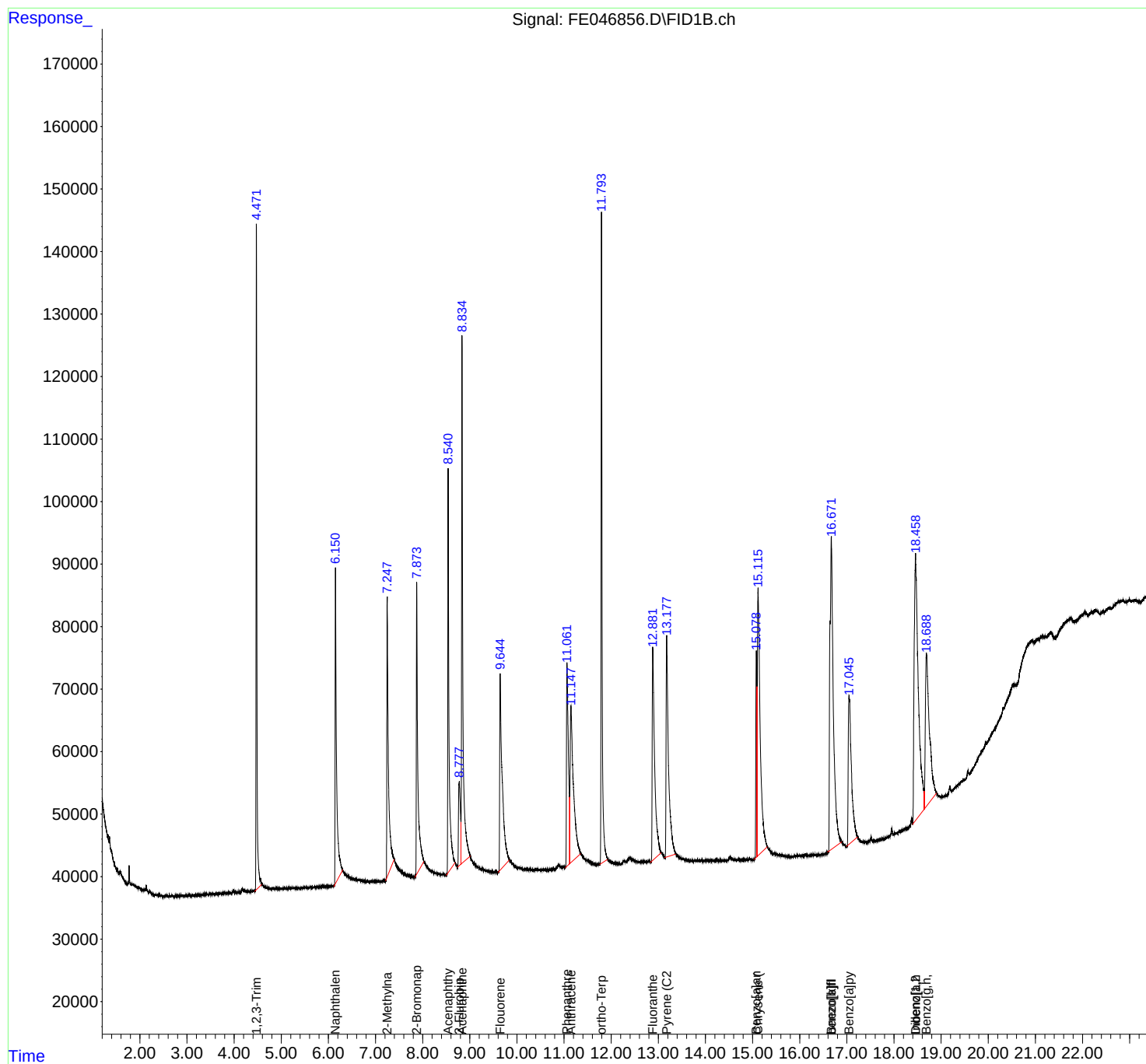
(f)=RT Delta > 1/2 Window

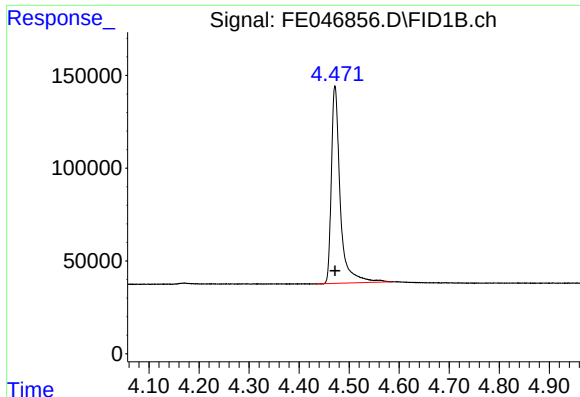
(m)=manual int.

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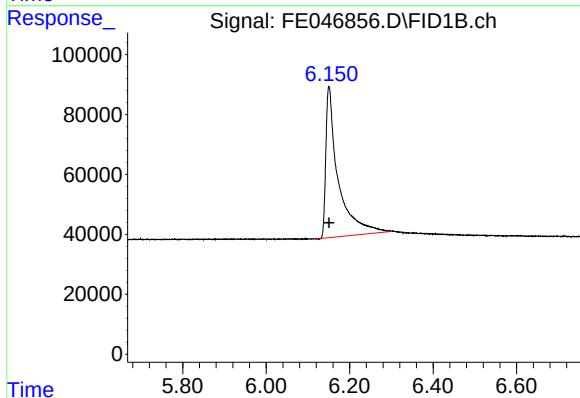
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Signal Info : 20M x 0.18mm x 0.18µm





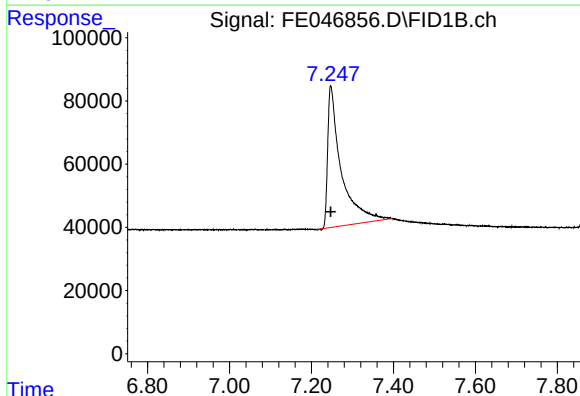
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 1317389
Conc: 9.82 ug/ml



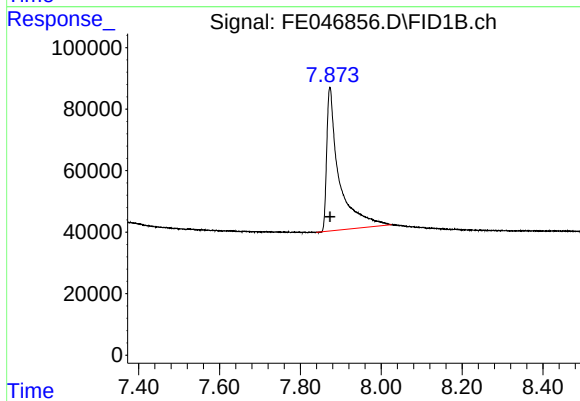
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 1038041
Conc: 8.23 ug/ml



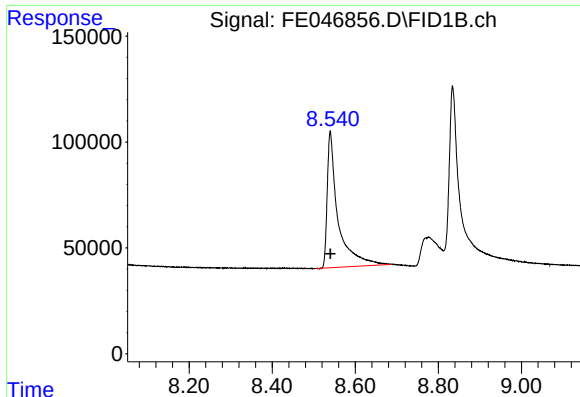
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 1022730
Conc: 8.02 ug/ml



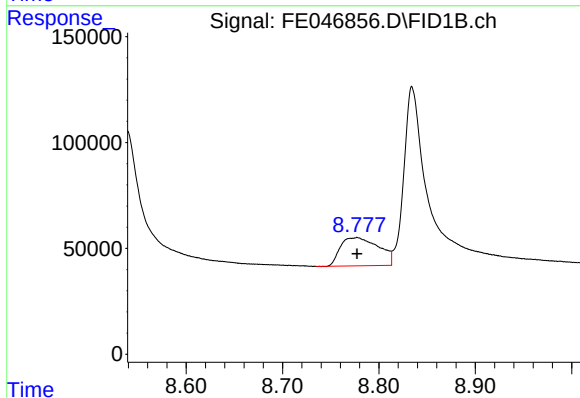
#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 1001372
Conc: 8.41 ug/ml



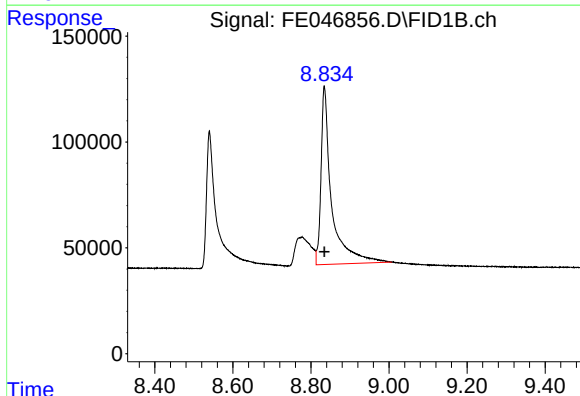
#5 Acenaphthylene (C15.06)

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 1161822
Conc: 9.09 ug/ml



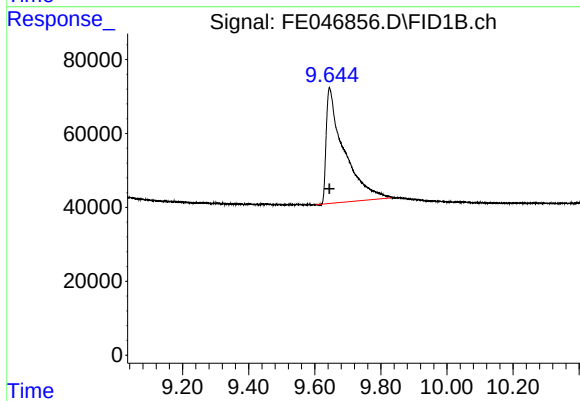
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 367477
Conc: 5.88 ug/ml



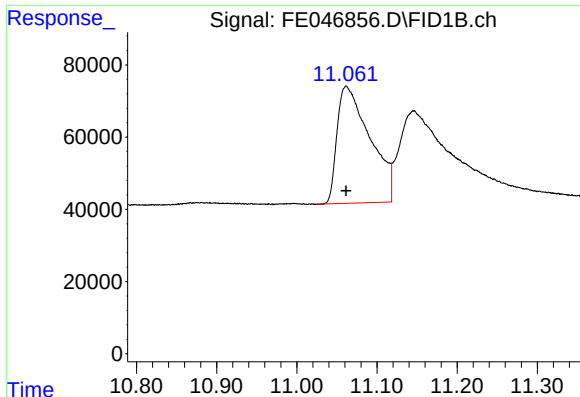
#7 Acenaphthene (C15.5)

R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 1598129
Conc: 10.20 ug/ml



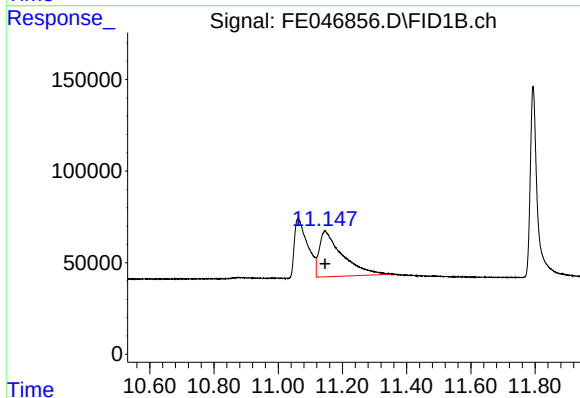
#8 Fluorene (C16.55)

R.T.: 9.645 min
Delta R.T.: 0.000 min
Response: 1166703
Conc: 9.03 ug/ml



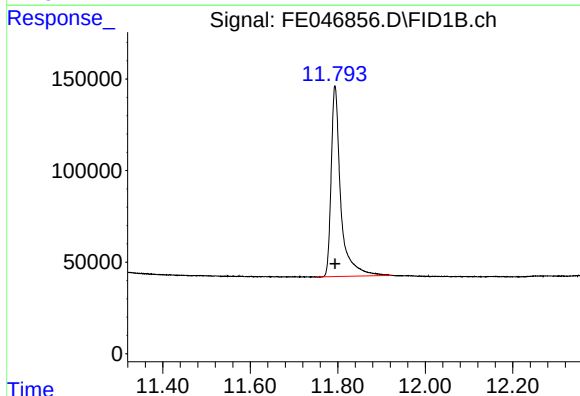
#9 Phenanthrene (C19.36)

R.T.: 11.062 min
Delta R.T.: 0.000 min
Response: 922441
Conc: 8.23 ug/ml



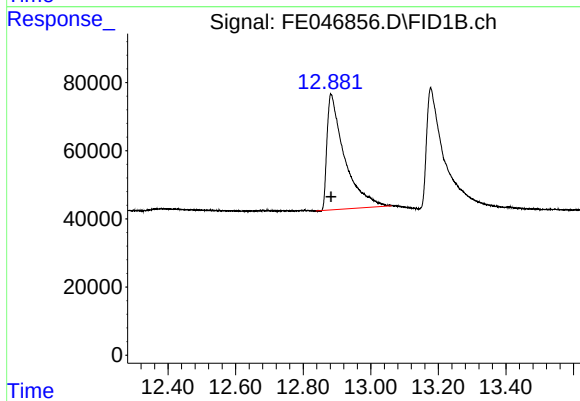
#10 Anthracene (C19.43)

R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 1245152
Conc: 10.29 ug/ml



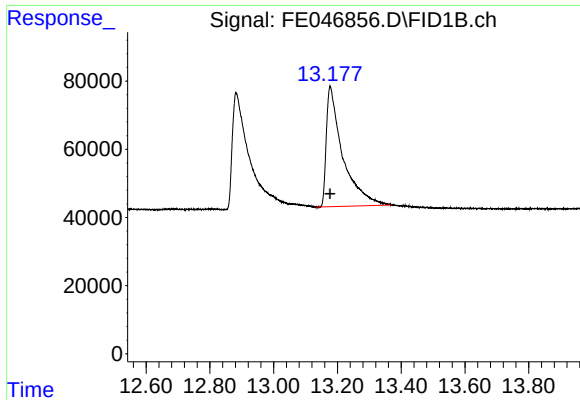
#11 ortho-Terphenyl (SURR)

R.T.: 11.794 min
Delta R.T.: 0.000 min
Response: 1588163
Conc: 10.10 ug/ml



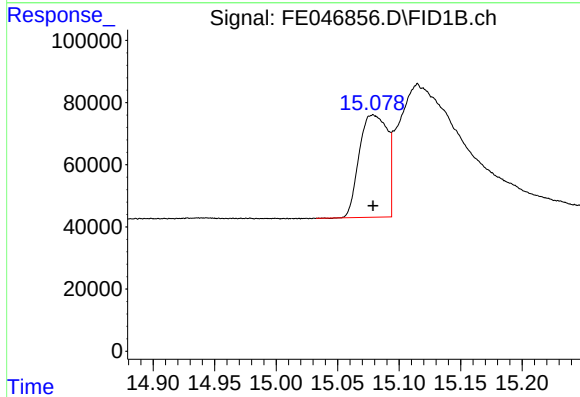
#12 Fluoranthene (C21.85)

R.T.: 12.882 min
Delta R.T.: 0.000 min
Response: 1220264
Conc: 9.45 ug/ml



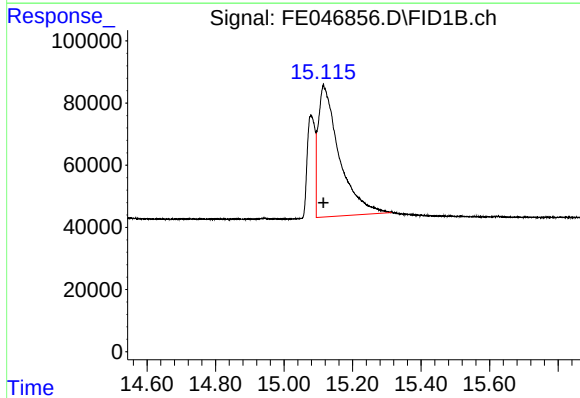
#13 Pyrene (C20.8)

R.T.: 13.177 min
Delta R.T.: 0.000 min
Response: 1257767
Conc: 9.61 ug/ml



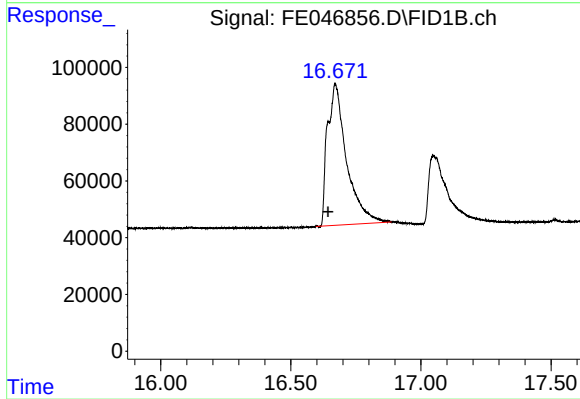
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.079 min
Delta R.T.: 0.000 min
Response: 521705
Conc: 7.05 ug/ml



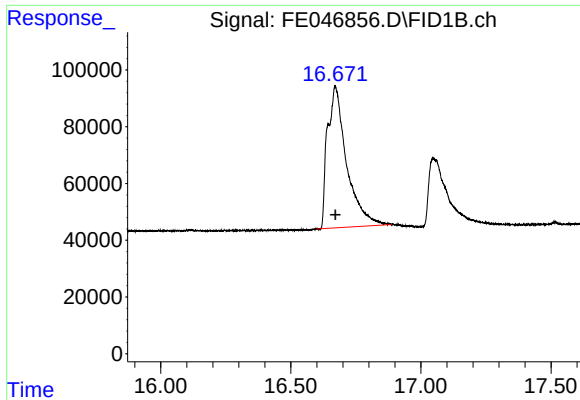
#15 Chrysene (C27.41)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 1809290
Conc: 10.61 ug/ml



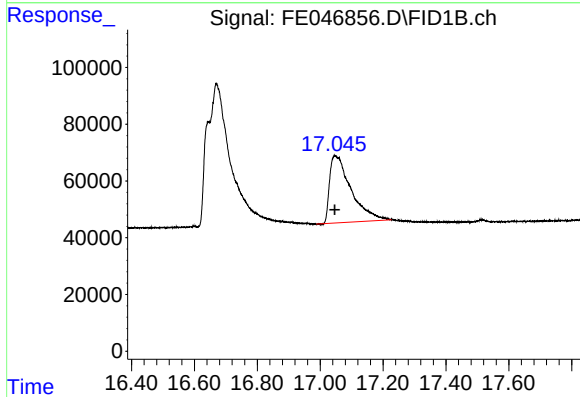
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.670 min
Delta R.T.: 0.028 min
Response: 2546357
Conc: 43.49 ug/ml



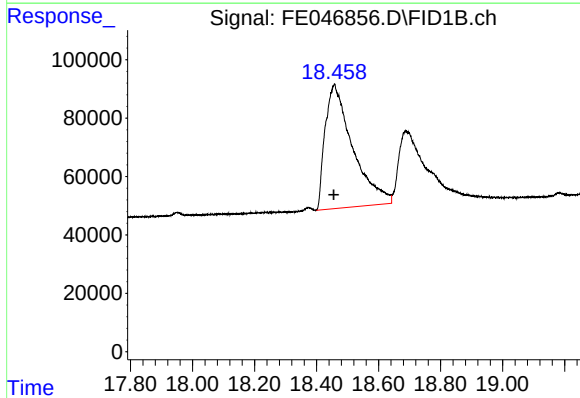
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.670 min
Delta R.T.: 0.000 min
Response: 2546357
Conc: 11.62 ug/ml



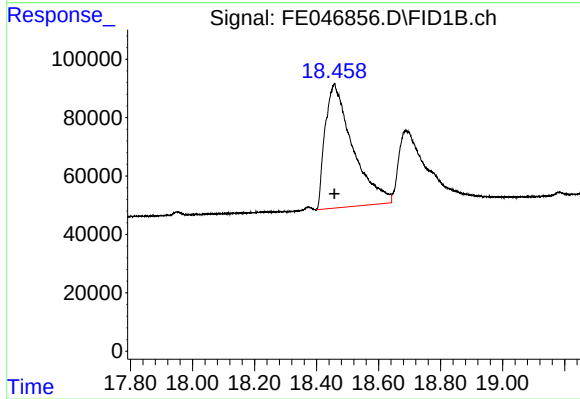
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.046 min
Delta R.T.: 0.000 min
Response: 1117430
Conc: 8.98 ug/ml



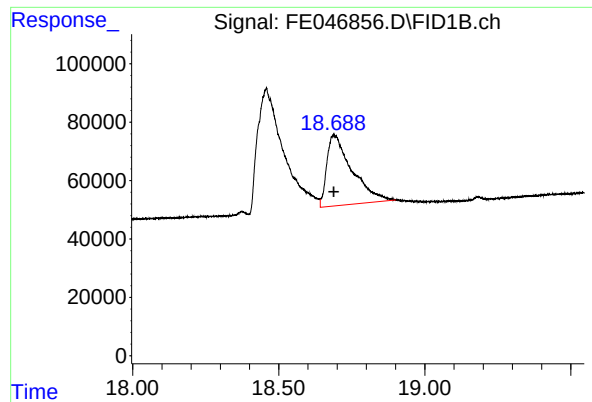
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.458 min
Delta R.T.: 0.002 min
Response: 2623113
Conc: 26.19 ug/ml



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

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 2623113
Conc: 15.58 ug/ml



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

R.T.: 18.688 min
Delta R.T.: 0.000 min
Response: 1455362
Conc: 10.19 ug/ml