

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021924AR\
 Data File : FE046853.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2024 12:38
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 19 14:19:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 021924.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 19 14:12:55 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...	7.867	13433984	107.553 ug/ml
Spiked Amount 50.000		Recovery =	215.11%
6) S 2-Fluorobiphenyl (SURR)	8.743	8409588	121.100 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	242.20%#
11) S ortho-Terphenyl (SURR)	11.801	15817746	100.558 ug/ml
Spiked Amount 50.000		Recovery =	201.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	13834679	102.024 ug/ml
2) T Naphthalene (C11.7)	6.144	14487374	109.435 ug/ml
3) T 2-Methylnaphthalene (...)	7.241	14543247	107.323 ug/ml
5) T Acenaphthylene (C15.06)	8.541	13678790	104.030 ug/ml
7) T Acenaphthene (C15.5)	8.840	15334242	97.833 ug/ml
8) T Fluorene (C16.55)	9.631	14146348	105.911 ug/ml
9) T Phenanthrene (C19.36)	11.040	13109625	111.425 ug/ml
10) T Anthracene (C19.43)	11.119	11194712	92.913 ug/ml
12) T Fluoranthene (C21.85)	12.867	13602994	104.265 ug/ml
13) T Pyrene (C20.8)	13.164	13508222	102.624 ug/ml
14) T Benzo[a]anthracene (C...	15.057	9578451	118.638 ug/ml
15) T Chrysene (C27.41)	15.100	15569368	94.221 ug/ml
16) T benzo[b]fluoranthene ...	16.660	26364822	446.457 ug/ml
17) T Bnezo[k]fluoranthene ...	16.660	26364822	128.850 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.018	13061263	102.054 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.434	27263753	270.603 ug/ml
20) T Dibenz[a,h]anthracene...	18.434	27263753	164.984 ug/ml
21) T Benzo[g,h,i]perylene ...	18.670	13978164	98.124 ug/ml

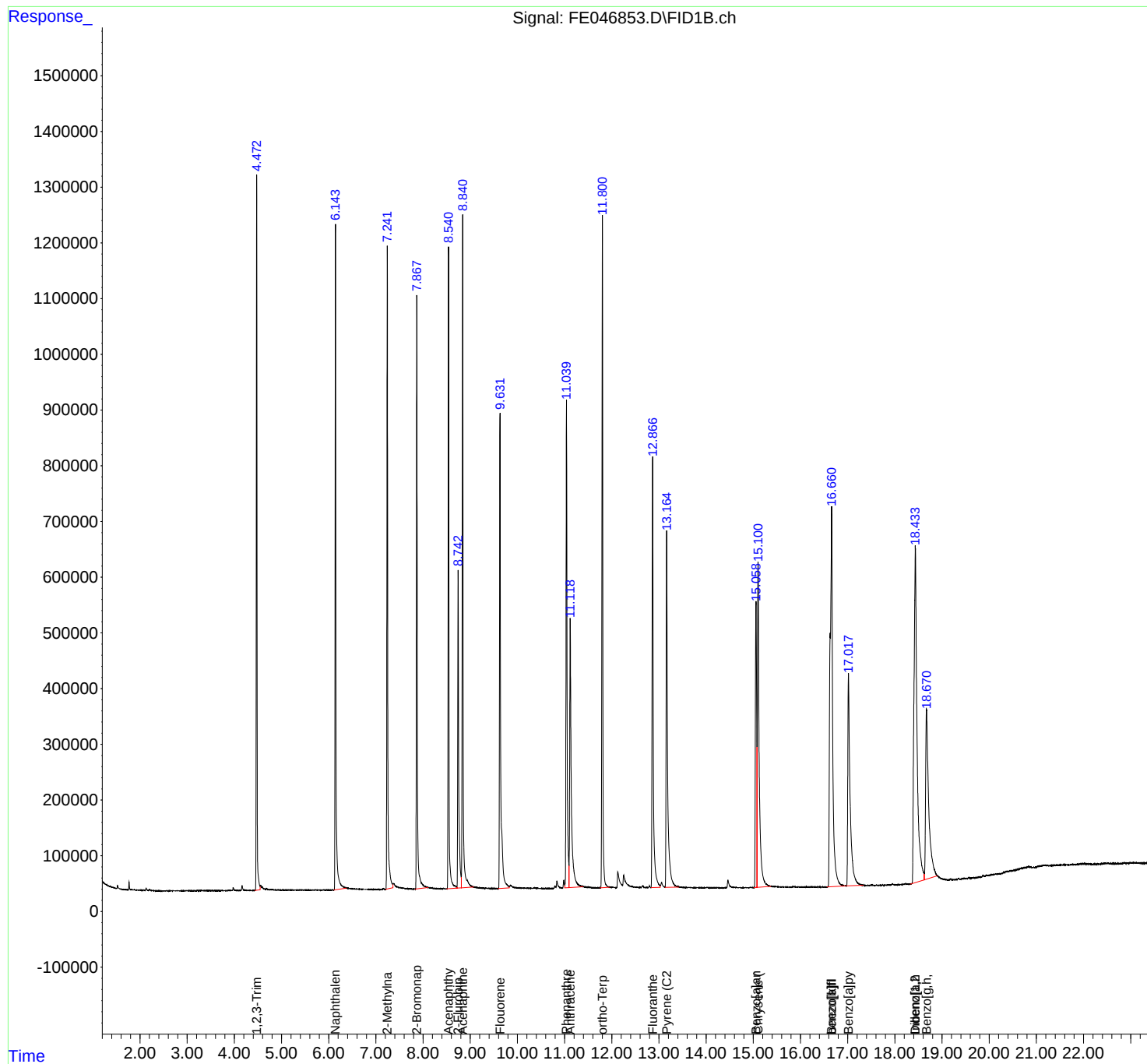
(f)=RT Delta > 1/2 Window

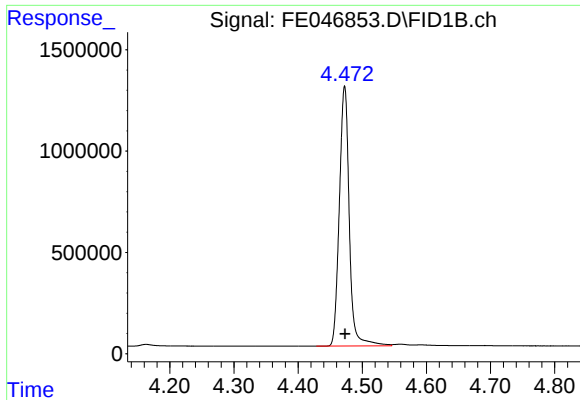
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021924AR\
Data File : FE046853.D
Signal(s) : FID1B.ch
Acq On : 19 Feb 2024 12:38
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 19 14:19:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 021924.M
Quant Title : GC Extractables
QLast Update : Mon Feb 19 14:12:55 2024
Response via : Initial Calibration
Integrator: ChemStation

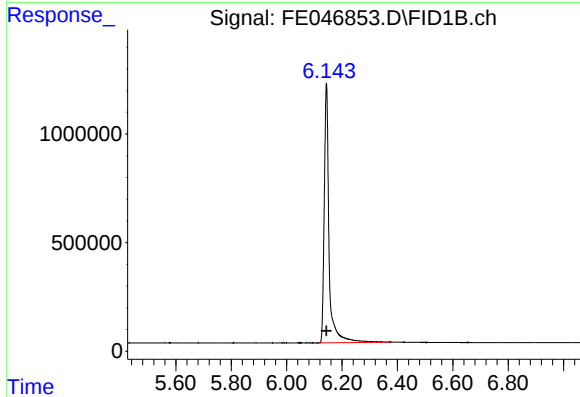
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





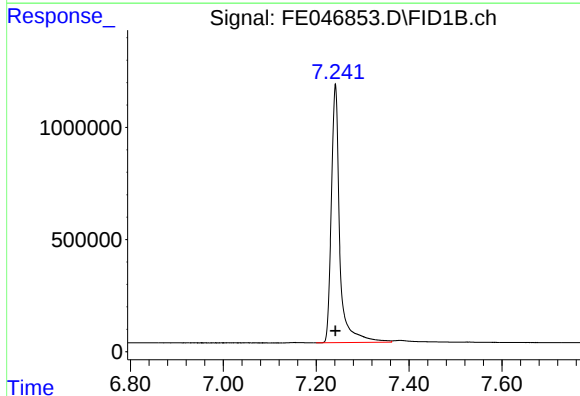
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 13834679
Conc: 102.02 ug/ml



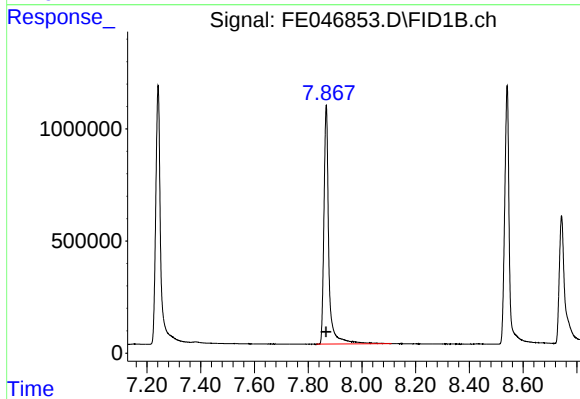
#2 Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 14487374
Conc: 109.44 ug/ml



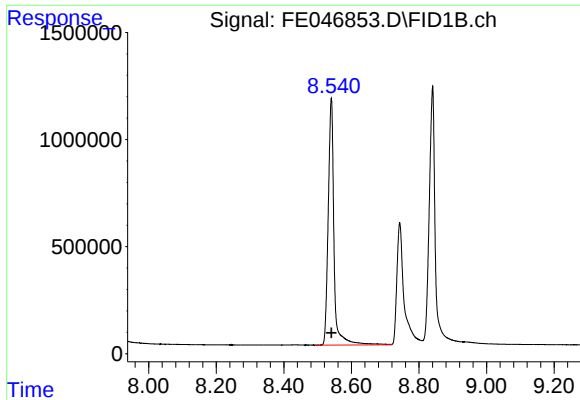
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 14543247
Conc: 107.32 ug/ml



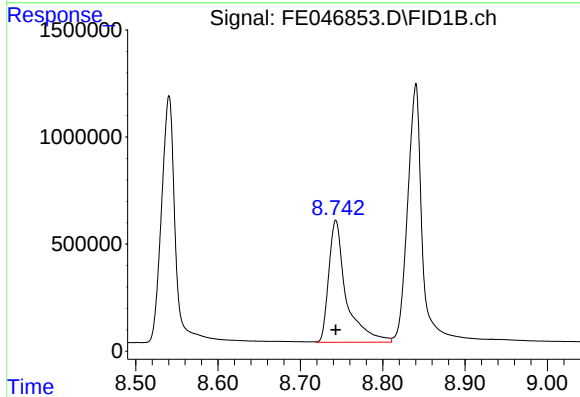
#4 2-Bromonaphthalene (SURR)

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 13433984
Conc: 107.55 ug/ml



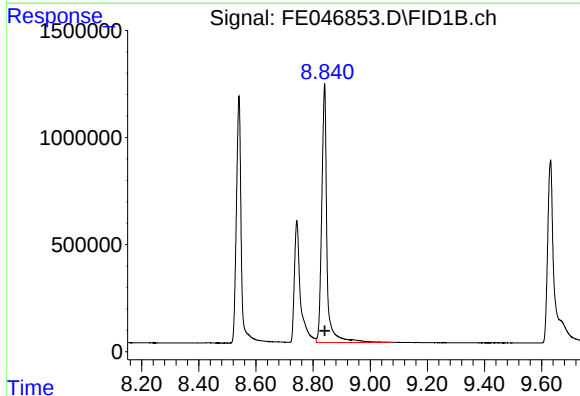
#5 Acenaphthylene (C15.06)

R.T.: 8.541 min
Delta R.T.: 0.000 min
Response: 13678790
Conc: 104.03 ug/ml



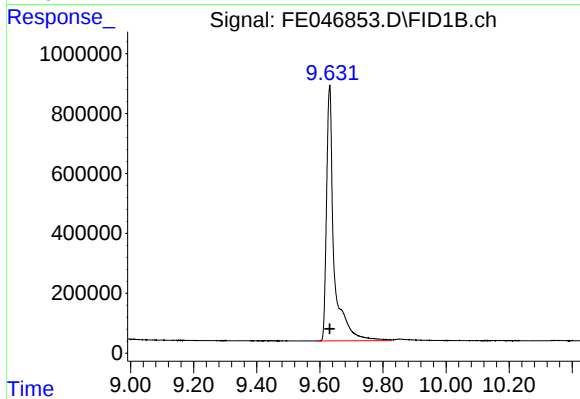
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.743 min
Delta R.T.: 0.000 min
Response: 8409588
Conc: 121.10 ug/ml



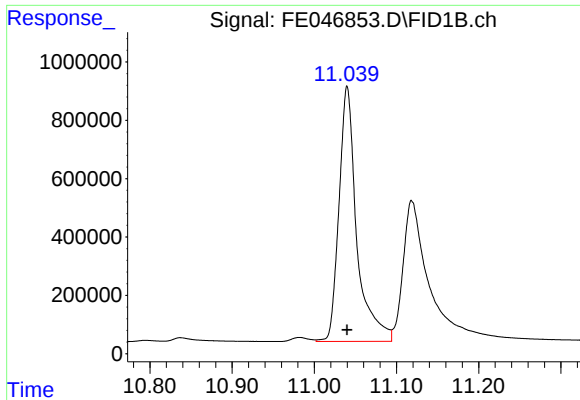
#7 Acenaphthene (C15.5)

R.T.: 8.840 min
Delta R.T.: 0.000 min
Response: 15334242
Conc: 97.83 ug/ml



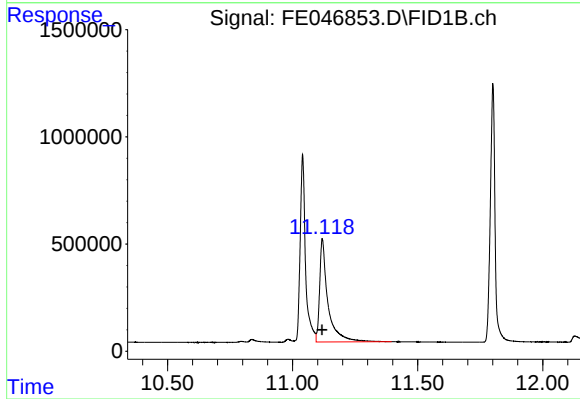
#8 Fluorene (C16.55)

R.T.: 9.631 min
Delta R.T.: 0.000 min
Response: 14146348
Conc: 105.91 ug/ml



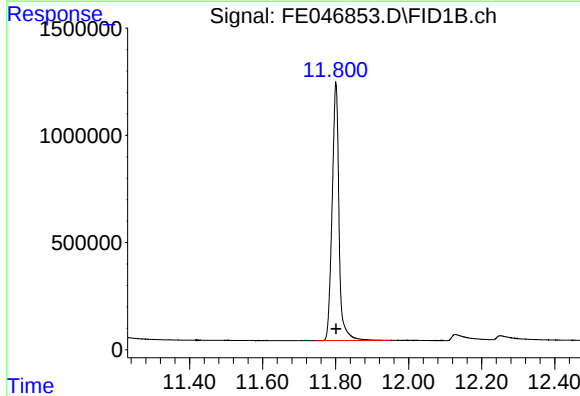
#9 Phenanthrene (C19.36)

R.T.: 11.040 min
Delta R.T.: 0.000 min
Response: 13109625
Conc: 111.42 ug/ml



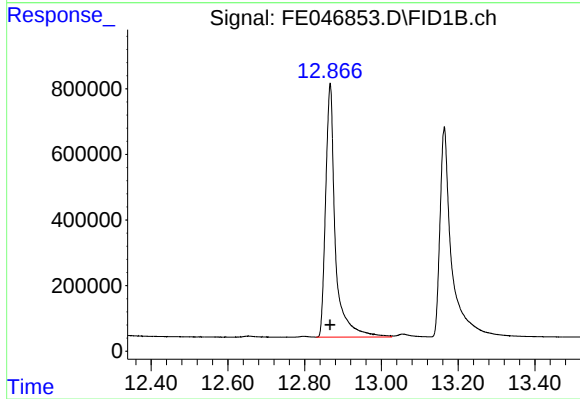
#10 Anthracene (C19.43)

R.T.: 11.119 min
Delta R.T.: 0.000 min
Response: 11194712
Conc: 92.91 ug/ml



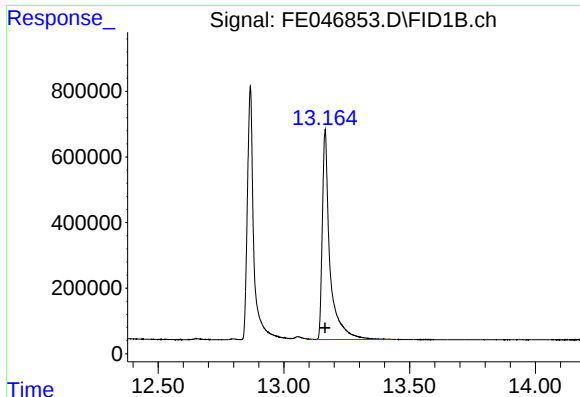
#11 ortho-Terphenyl (SURR)

R.T.: 11.801 min
Delta R.T.: 0.000 min
Response: 15817746
Conc: 100.56 ug/ml



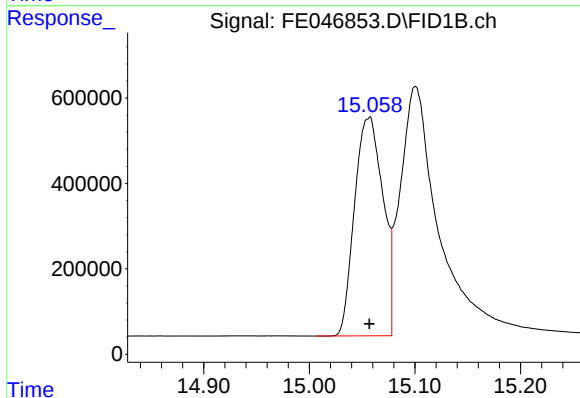
#12 Fluoranthene (C21.85)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 13602994
Conc: 104.27 ug/ml



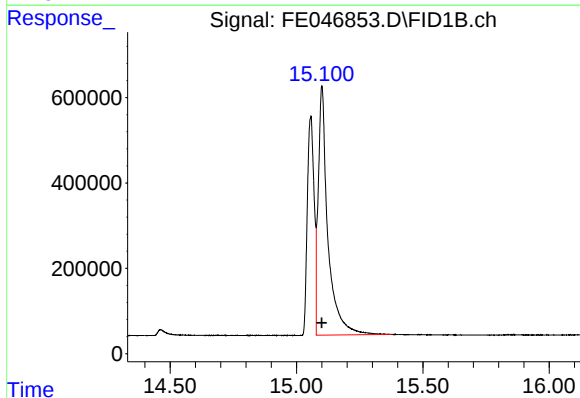
#13 Pyrene (C20.8)

R.T.: 13.164 min
Delta R.T.: 0.000 min
Response: 13508222
Conc: 102.62 ug/ml



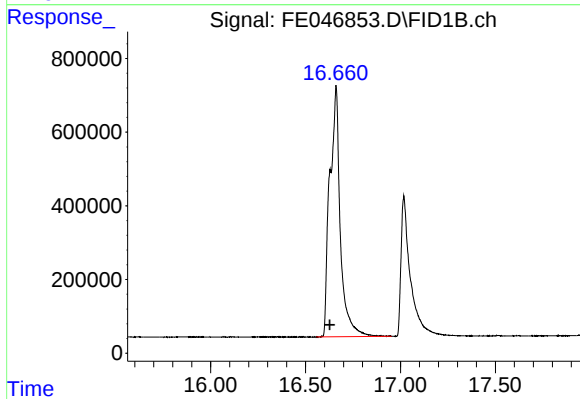
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.057 min
Delta R.T.: 0.000 min
Response: 9578451
Conc: 118.64 ug/ml



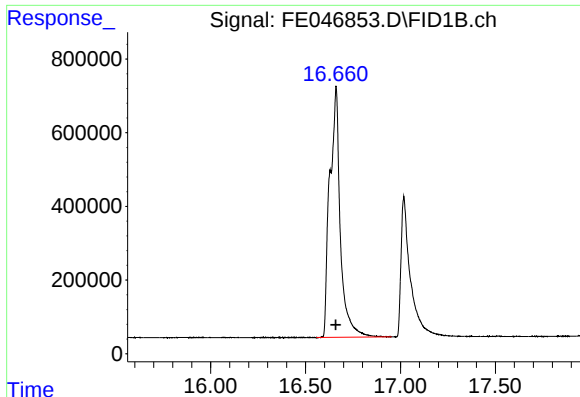
#15 Chrysene (C27.41)

R.T.: 15.100 min
Delta R.T.: 0.000 min
Response: 15569368
Conc: 94.22 ug/ml



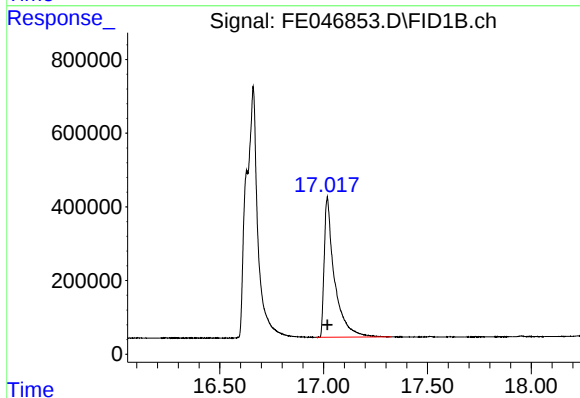
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.660 min
Delta R.T.: 0.032 min
Response: 26364822
Conc: 446.46 ug/ml



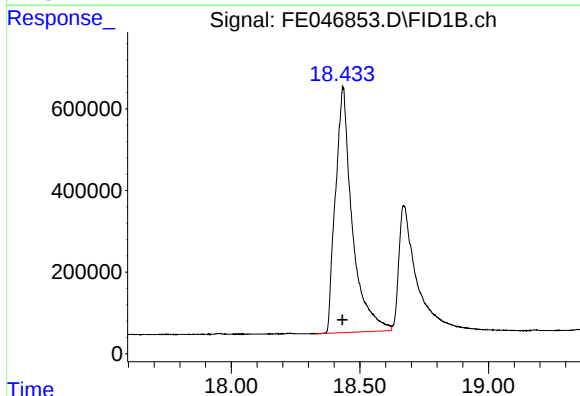
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.660 min
Delta R.T.: 0.000 min
Response: 26364822
Conc: 128.85 ug/ml



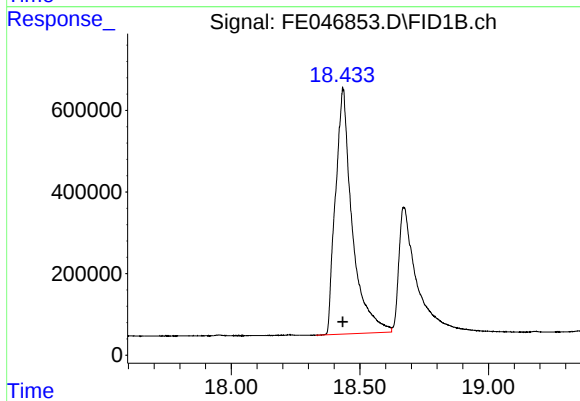
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.018 min
Delta R.T.: 0.000 min
Response: 13061263
Conc: 102.05 ug/ml



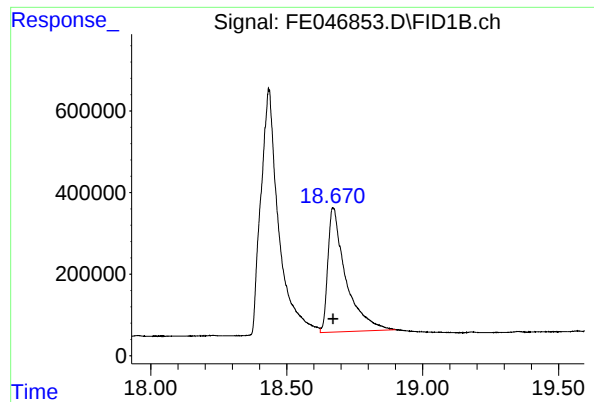
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.434 min
Delta R.T.: 0.000 min
Response: 27263753
Conc: 270.60 ug/ml



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

R.T.: 18.434 min
Delta R.T.: 0.000 min
Response: 27263753
Conc: 164.98 ug/ml



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

R.T.: 18.670 min
Delta R.T.: 0.000 min
Response: 13978164
Conc: 98.12 ug/ml