

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121823AR\
 Data File : FD047058.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 12:46
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 13:19:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 13:18:13 2023
 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...	7.480	16776570	95.537 ug/ml
Spiked Amount 50.000		Recovery =	191.07%
6) S 2-Fluorobiphenyl (SURR)	8.335	10847819	100.285 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	200.57%#
11) S ortho-Terphenyl (SURR)	11.375	19435026	94.931 ug/ml
Spiked Amount 50.000		Recovery =	189.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	17825051	92.511 ug/ml
2) T Naphthalene (C11.7)	5.819	18368679	94.315 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	18450753	94.838 ug/ml
5) T Acenaphthylene (C15.06)	8.139	16550780	94.503 ug/ml
7) T Acenaphthene (C15.5)	8.437	17821469	94.406 ug/ml
8) T Fluorene (C16.55)	9.215	17061862	99.300 ug/ml
9) T Phenanthrene (C19.36)	10.604	16397173	100.054 ug/ml
10) T Anthracene (C19.43)	10.673	7435851	69.658 ug/ml
12) T Fluoranthene (C21.85)	12.411	15960007	99.885 ug/ml
13) T Pyrene (C20.8)	12.705	15360466	99.358 ug/ml
14) T Benzo[a]anthracene (C...	14.567	12252851	98.797 ug/ml
15) T Chrysene (C27.41)	14.615	13760838	92.693 ug/ml
16) T benzo[b]fluoranthene ...	16.114	13282311	98.423 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	13282311	93.840 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	11555759	89.965 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.853	12180195	108.081 ug/ml
20) T Dibenz[a,h]anthracene...	17.891	11127869	84.306 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	12517269	93.854 ug/ml

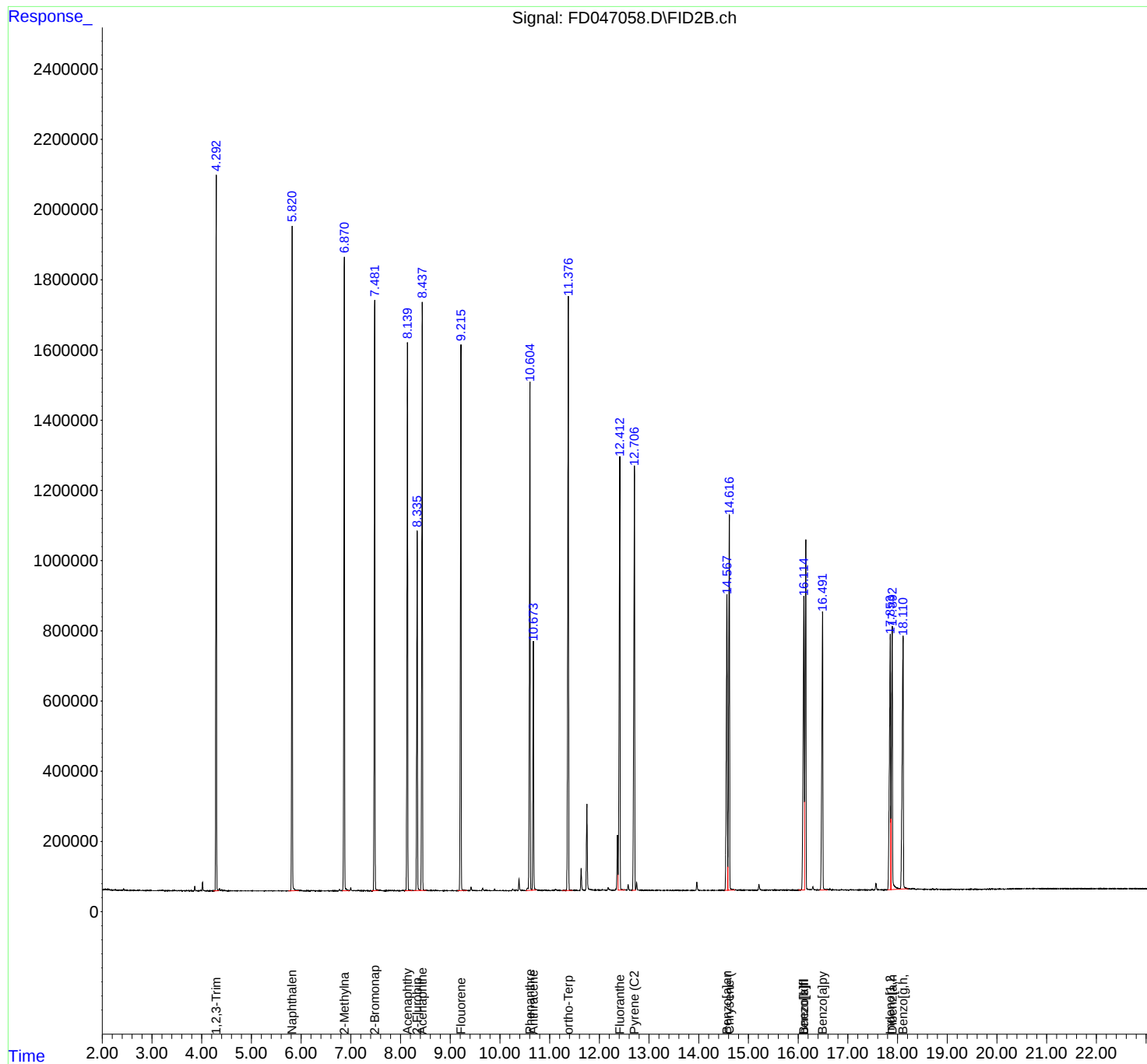
(f)=RT Delta > 1/2 Window

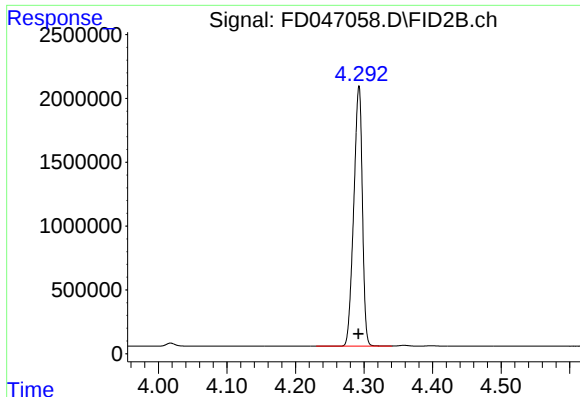
(m)=manual int.

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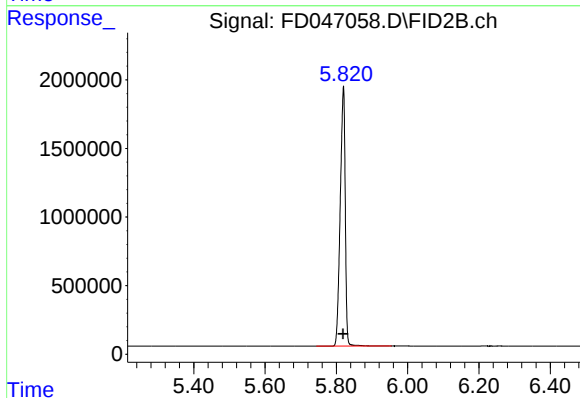
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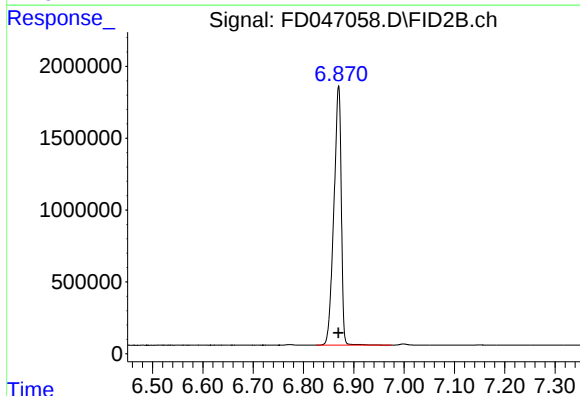
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 17825051
Conc: 92.51 ug/ml



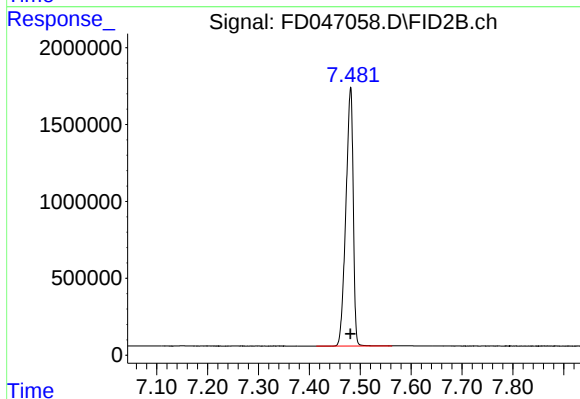
#2 Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 18368679
Conc: 94.32 ug/ml



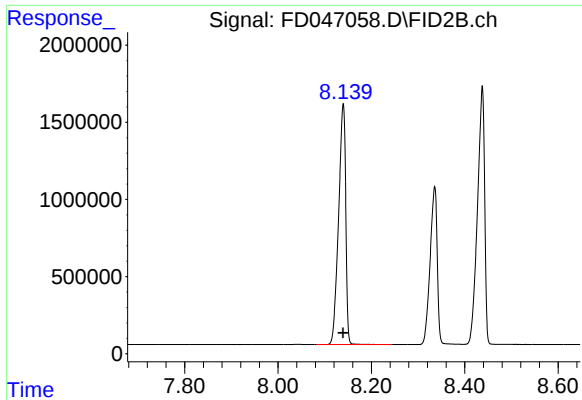
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: 0.000 min
Response: 18450753
Conc: 94.84 ug/ml



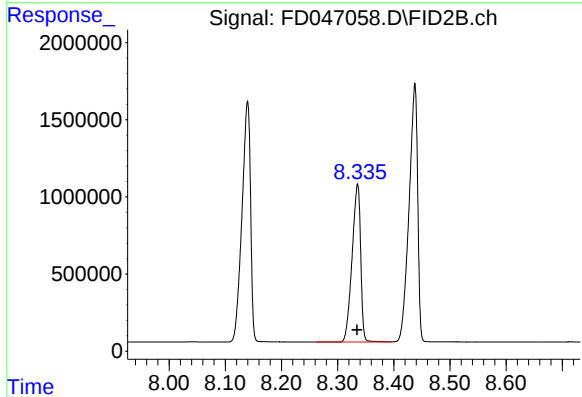
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 16776570
Conc: 95.54 ug/ml



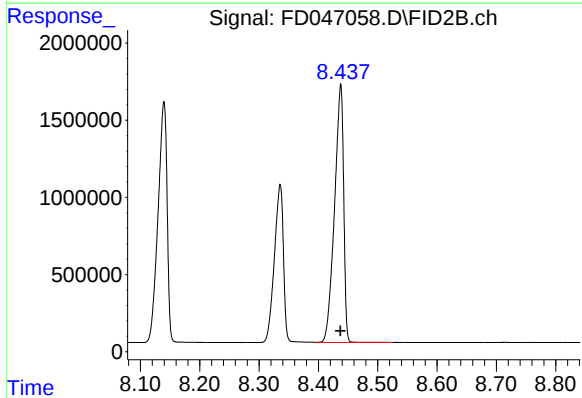
#5 Acenaphthylene (C15.06)

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 16550780
Conc: 94.50 ug/ml



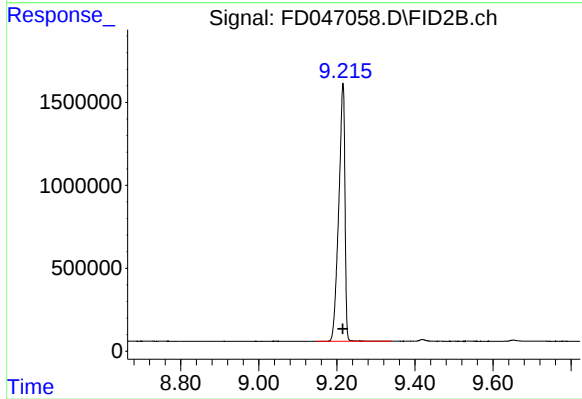
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 10847819
Conc: 100.29 ug/ml



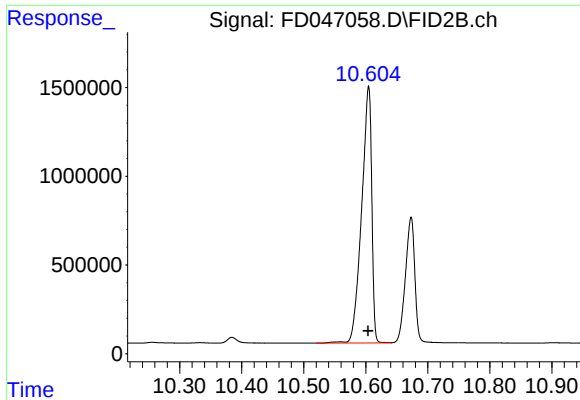
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 17821469
Conc: 94.41 ug/ml



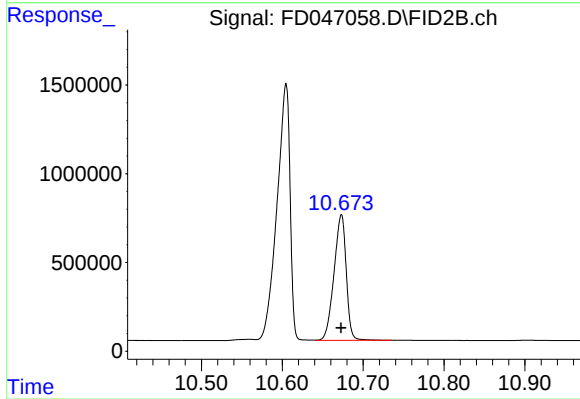
#8 Flouorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 17061862
Conc: 99.30 ug/ml



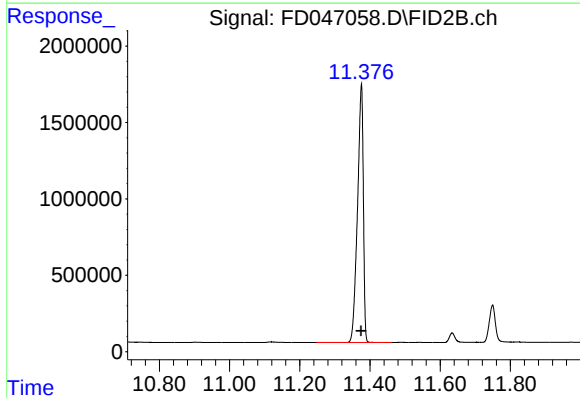
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: 0.000 min
Response: 16397173
Conc: 100.05 ug/ml



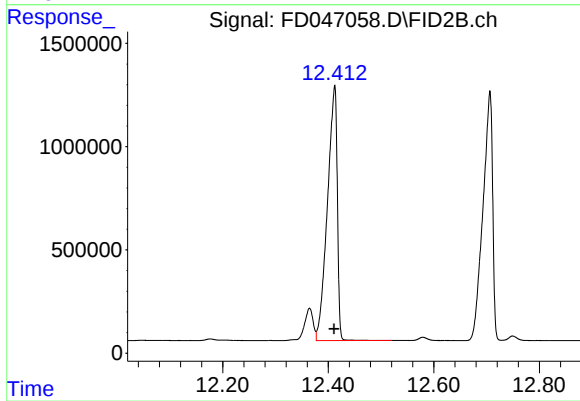
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 7435851
Conc: 69.66 ug/ml



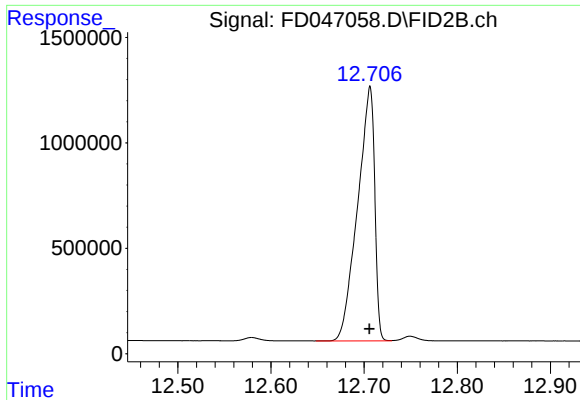
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 19435026
Conc: 94.93 ug/ml



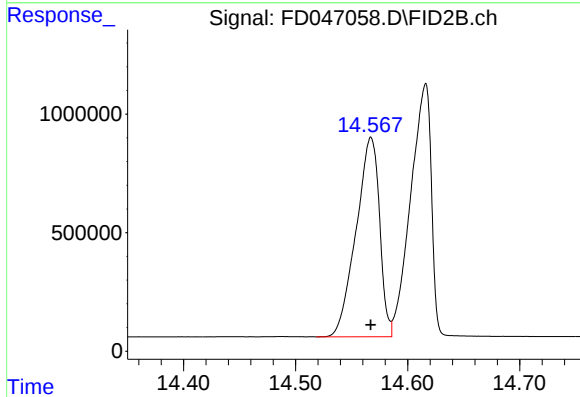
#12 Fluoranthene (C21.85)

R.T.: 12.411 min
Delta R.T.: 0.000 min
Response: 15960007
Conc: 99.89 ug/ml



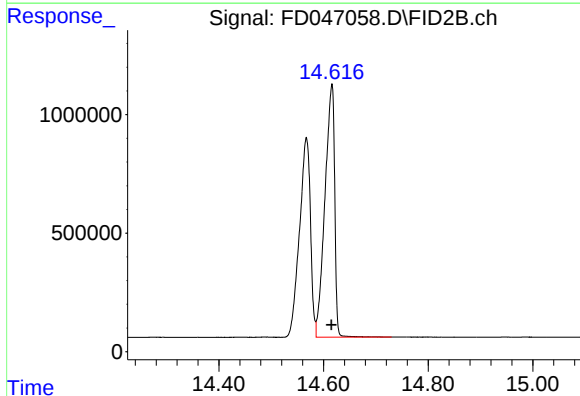
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 15360466
Conc: 99.36 ug/ml



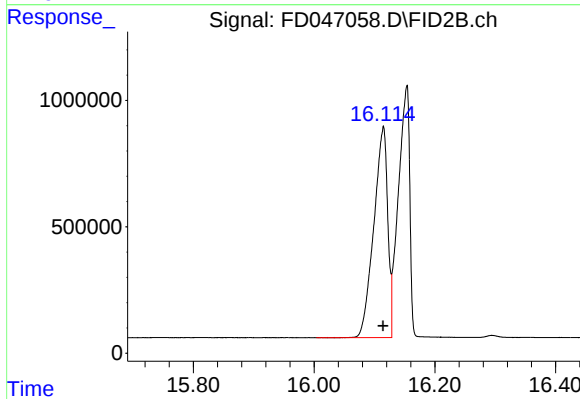
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: 0.000 min
Response: 12252851
Conc: 98.80 ug/ml



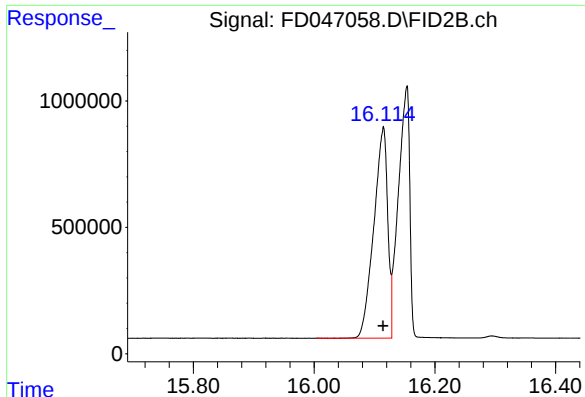
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: 0.000 min
Response: 13760838
Conc: 92.69 ug/ml



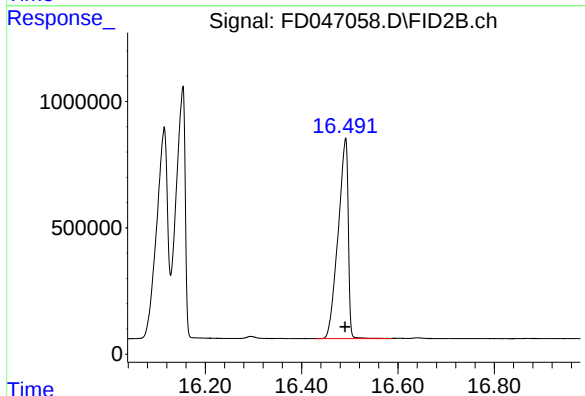
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.114 min
Delta R.T.: 0.000 min
Response: 13282311
Conc: 98.42 ug/ml



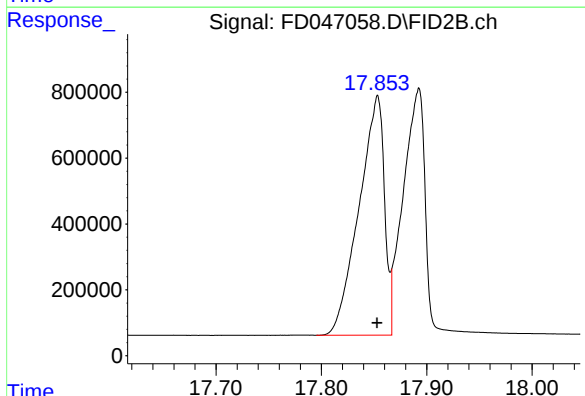
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.114 min
Delta R.T.: 0.000 min
Response: 13282311
Conc: 93.84 ug/ml



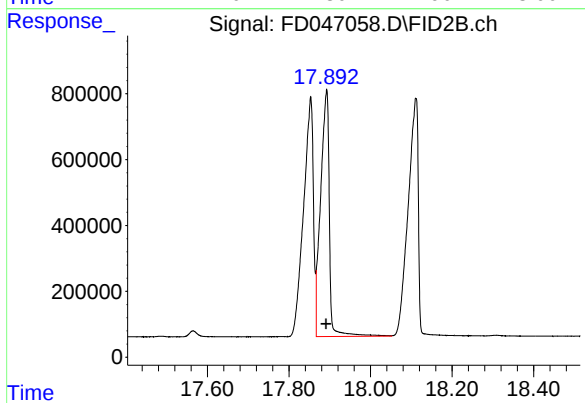
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: 0.000 min
Response: 11555759
Conc: 89.97 ug/ml



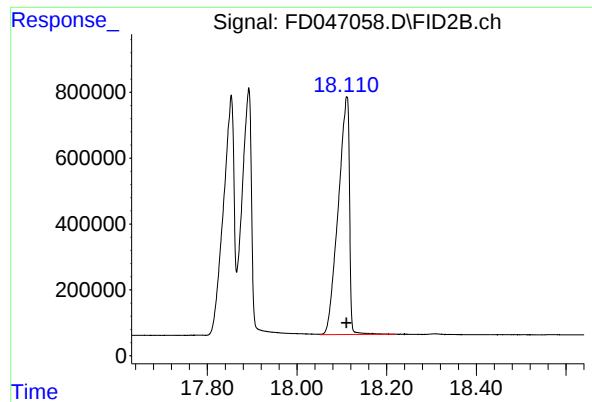
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.853 min
Delta R.T.: 0.000 min
Response: 12180195
Conc: 108.08 ug/ml



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

R.T.: 17.891 min
Delta R.T.: 0.000 min
Response: 11127869
Conc: 84.31 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 12517269
Conc: 93.85 ug/ml