

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047130.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 09:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:33:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.470	3255332	21.164 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
6) S 2-Fluorobiphenyl (SURR)	8.322	2183661	21.375 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.75%
11) S ortho-Terphenyl (SURR)	11.359	3810072	21.384 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	3304584	21.212 ug/ml
2) T Naphthalene (C11.7)	5.810	3534618	21.100 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3580433	21.120 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3304930	21.319 ug/ml
7) T Acenaphthene (C15.5)	8.420	3525390	21.348 ug/ml
8) T Fluorene (C16.55)	9.198	3447224	21.600 ug/ml
9) T Phenanthrene (C19.36)	10.587	3376470	21.330 ug/ml
10) T Anthracene (C19.43)	10.660	2508218	16.362 ug/ml
12) T Fluoranthene (C21.85)	12.389	3460769	21.692 ug/ml
13) T Pyrene (C20.8)	12.682	3323927	21.504 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2958578	21.074 ug/ml
15) T Chrysene (C27.41)	14.587	3284222	21.205 ug/ml
16) T benzo[b]fluoranthene ...	16.088	3084211	21.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	3115559	21.135 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	3006245	21.030 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2776313	21.542 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	3032952	21.394 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2914692	21.241 ug/ml

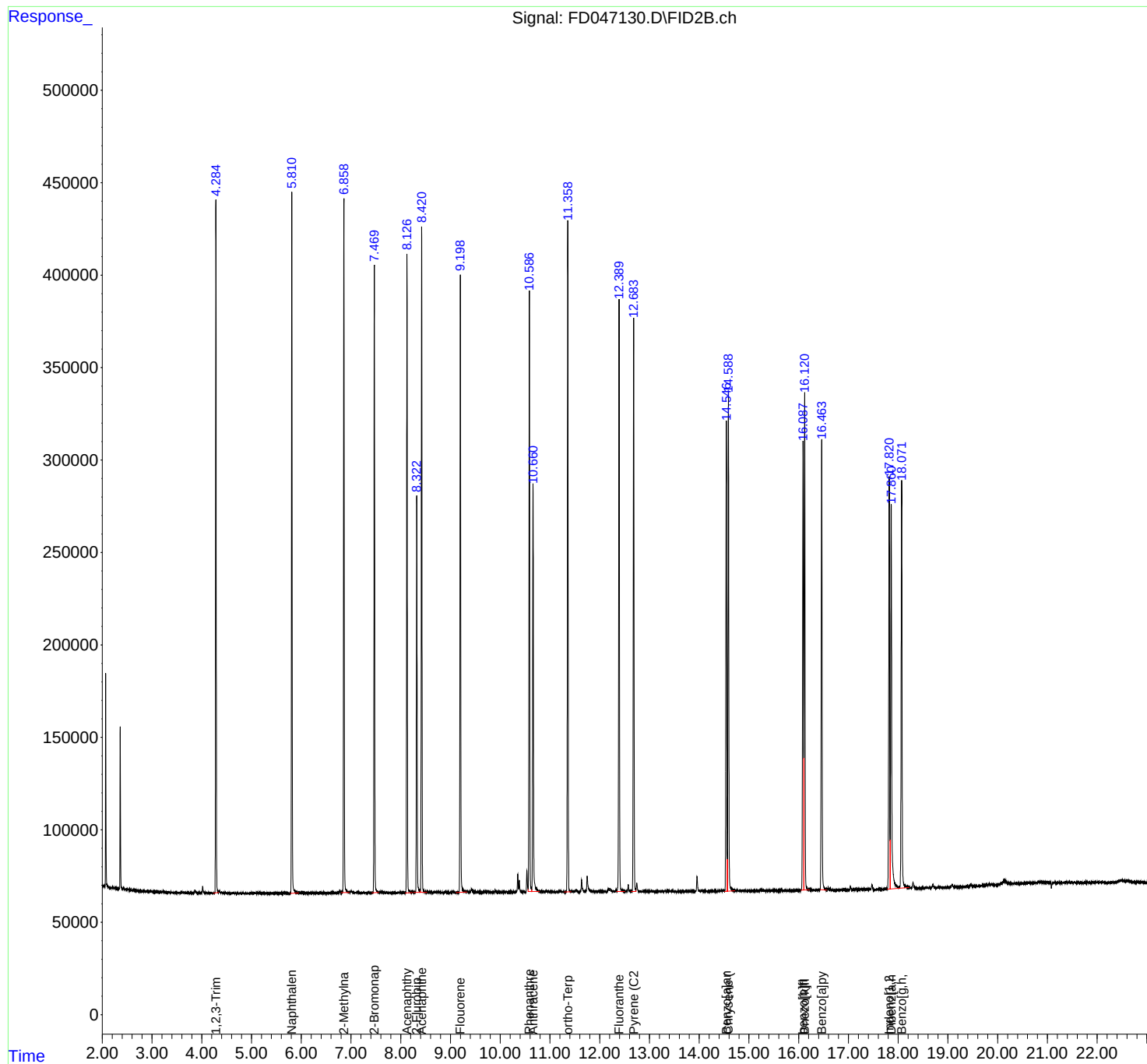
(f)=RT Delta > 1/2 Window

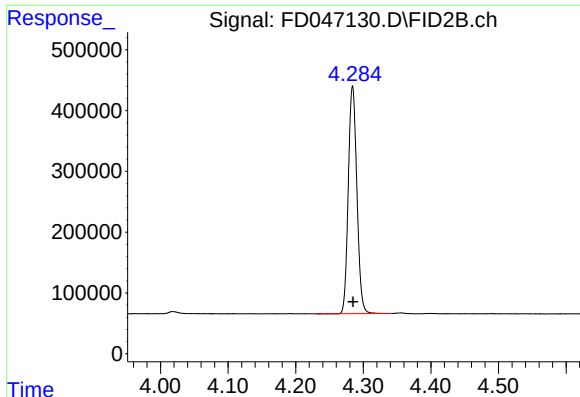
(m)=manual int.

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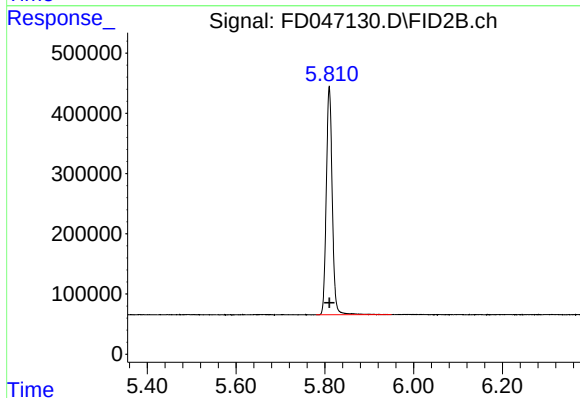
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





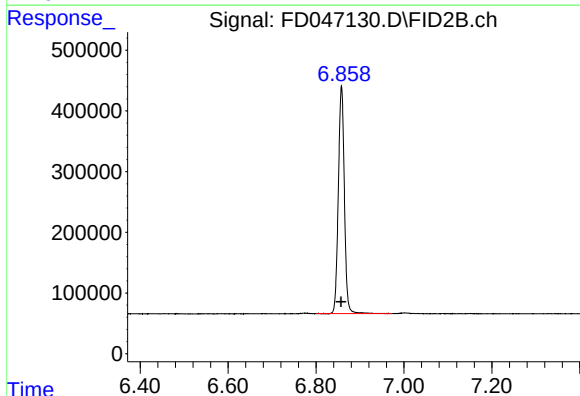
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 3304584
Conc: 21.21 ug/ml



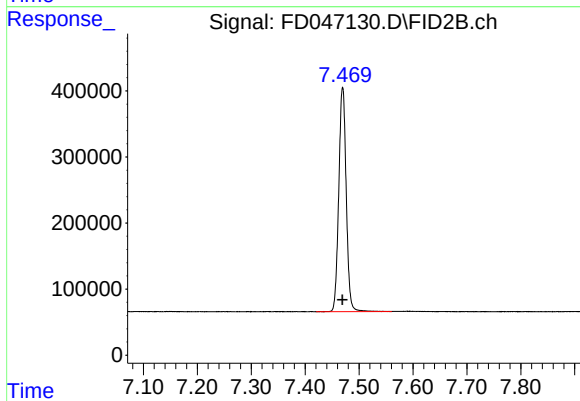
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 3534618
Conc: 21.10 ug/ml



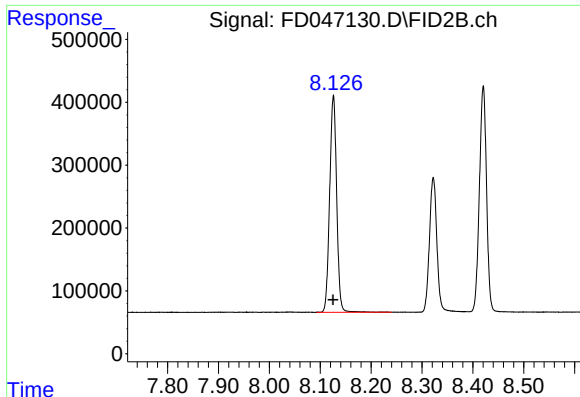
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3580433
Conc: 21.12 ug/ml



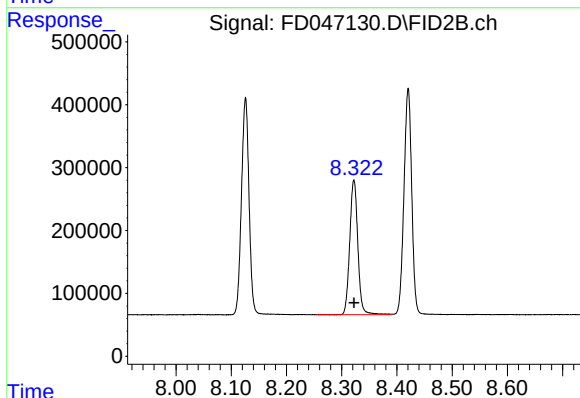
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3255332
Conc: 21.16 ug/ml



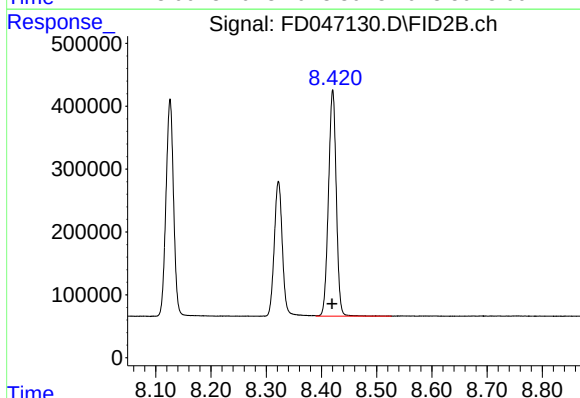
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3304930
Conc: 21.32 ug/ml



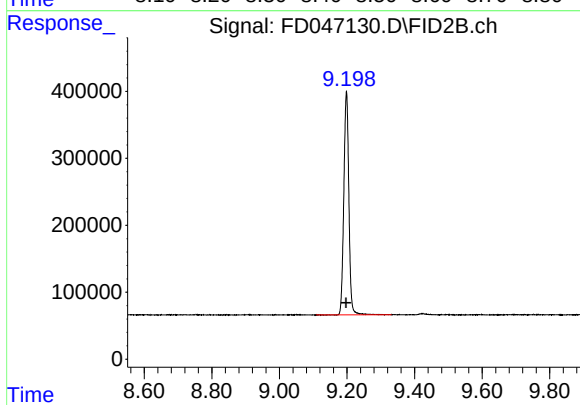
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2183661
Conc: 21.37 ug/ml



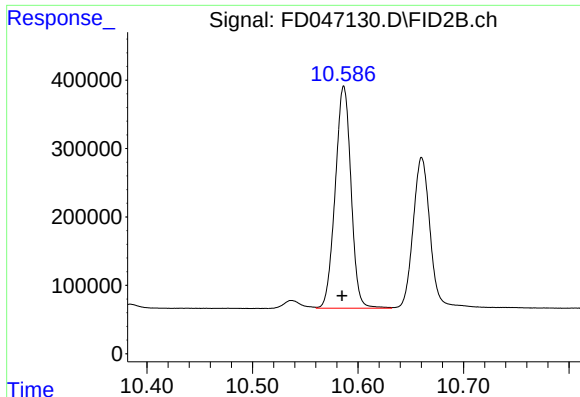
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.001 min
Response: 3525390
Conc: 21.35 ug/ml



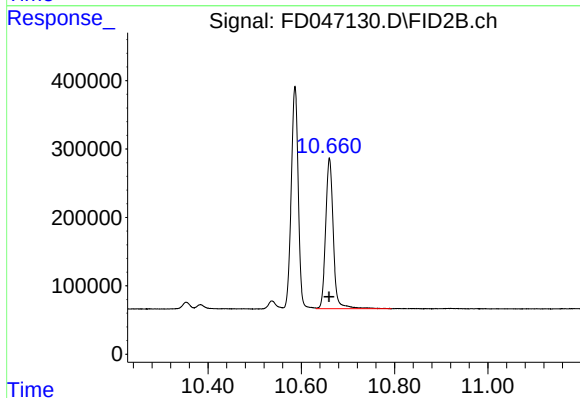
#8 Fluorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3447224
Conc: 21.60 ug/ml



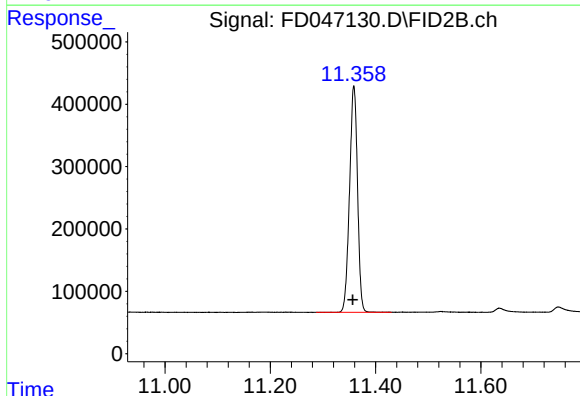
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.002 min
Response: 3376470
Conc: 21.33 ug/ml



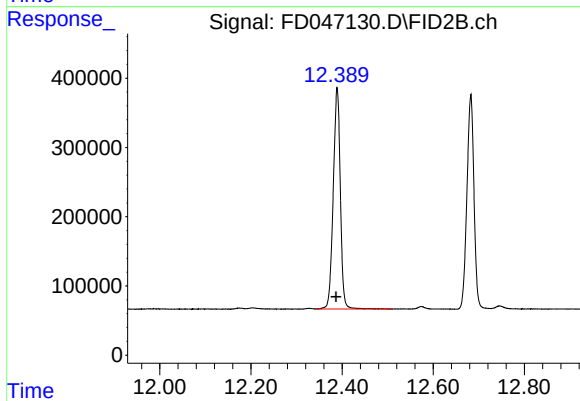
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.001 min
Response: 2508218
Conc: 16.36 ug/ml



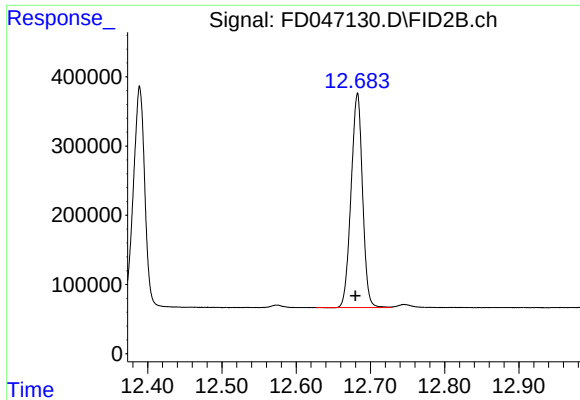
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.002 min
Response: 3810072
Conc: 21.38 ug/ml



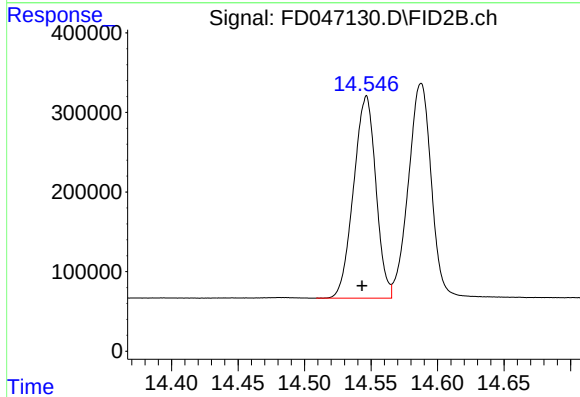
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 3460769
Conc: 21.69 ug/ml



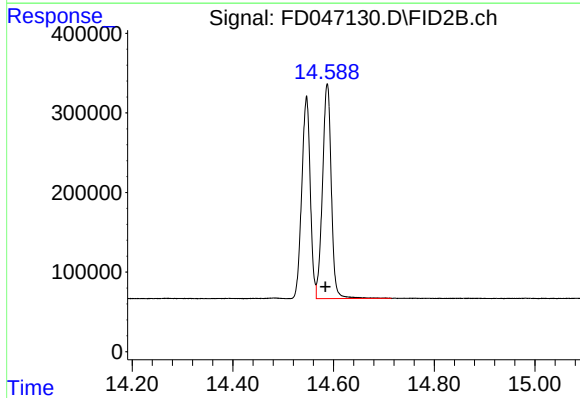
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 3323927
Conc: 21.50 ug/ml



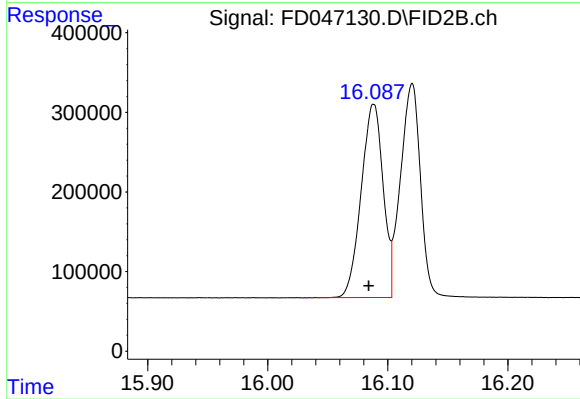
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.003 min
Response: 2958578
Conc: 21.07 ug/ml



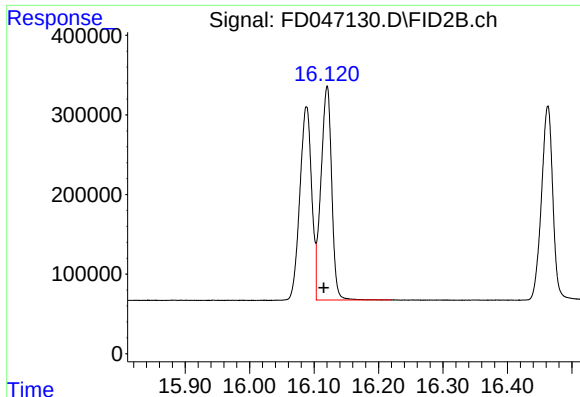
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.003 min
Response: 3284222
Conc: 21.20 ug/ml



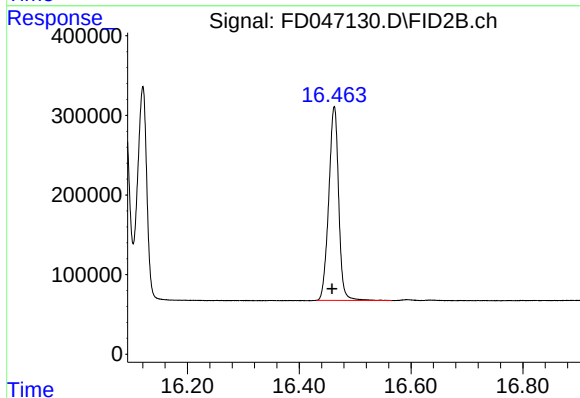
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.004 min
Response: 3084211
Conc: 21.26 ug/ml



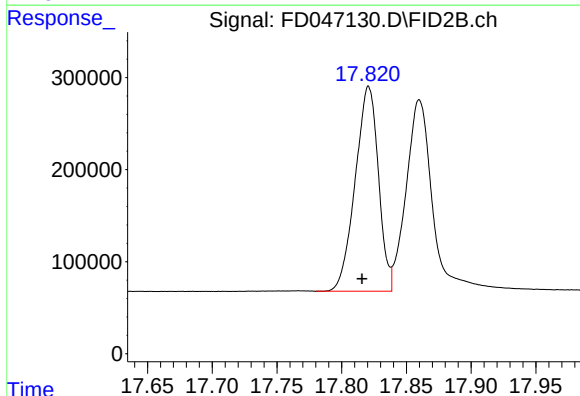
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.120 min
Delta R.T.: 0.005 min
Response: 3115559
Conc: 21.13 ug/ml



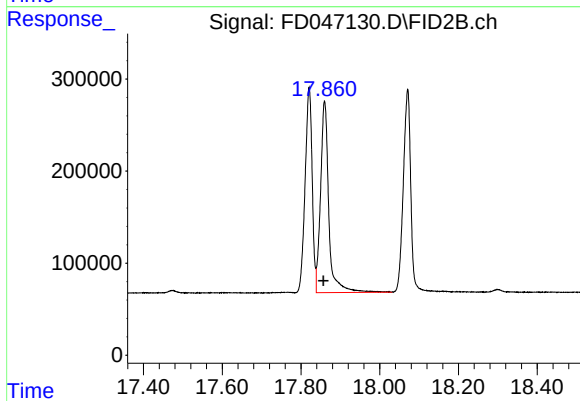
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.004 min
Response: 3006245
Conc: 21.03 ug/ml



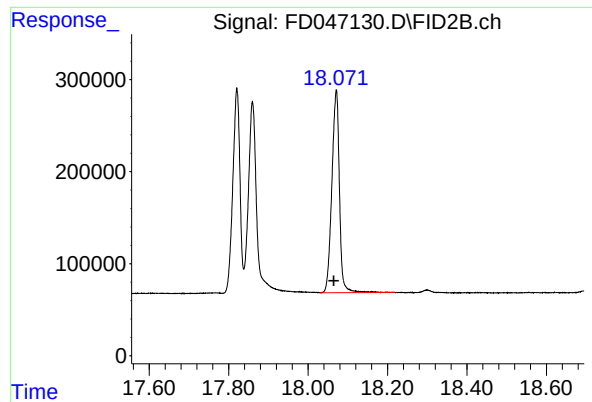
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.005 min
Response: 2776313
Conc: 21.54 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 3032952
Conc: 21.39 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.006 min
Response: 2914692
Conc: 21.24 ug/ml