

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122123AR\
 Data File : FD047070.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2023 19:31
 Operator : YP/AJ
 Sample : 05789-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:30:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 13:19:40 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

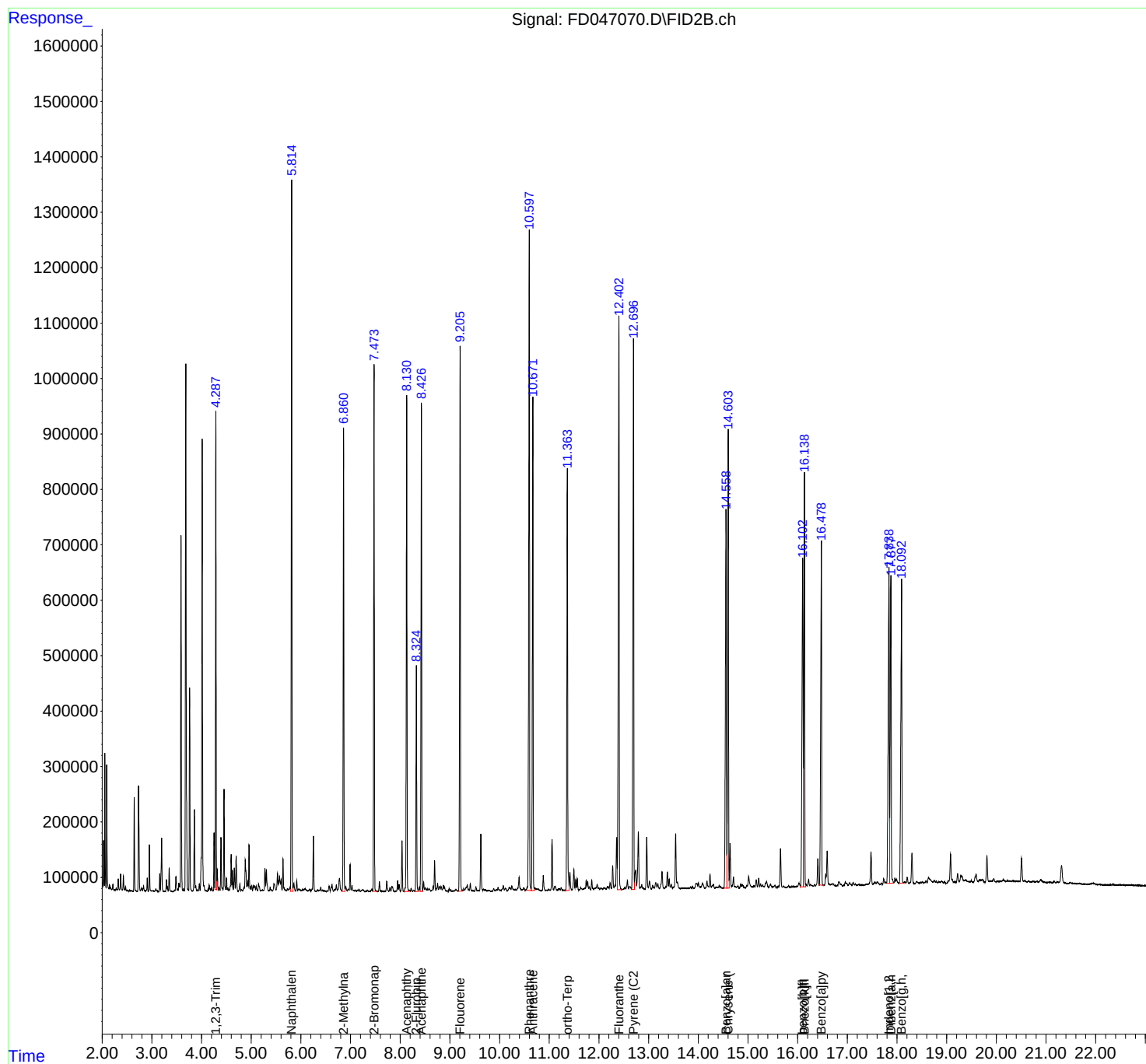
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.473	9228480	52.553 ug/ml
Spiked Amount 50.000		Recovery =	105.11%
6) S 2-Fluorobiphenyl (SURR)	8.324	4113271	38.026 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.05%
11) S ortho-Terphenyl (SURR)	11.363	8508249	41.559 ug/ml
Spiked Amount 50.000		Recovery =	83.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	7234908	37.549 ug/ml
2) T Naphthalene (C11.7)	5.814	11880796	61.003 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	8142422	41.853 ug/ml
5) T Acenaphthylene (C15.06)	8.130	9125637	52.106 ug/ml
7) T Acenaphthene (C15.5)	8.426	8919469	47.249 ug/ml
8) T Fluorene (C16.55)	9.205	10619180	61.803 ug/ml
9) T Phenanthrene (C19.36)	10.597	13940269	85.062 ug/ml
10) T Anthracene (C19.43)	10.670	9729939	91.148 ug/ml
12) T Fluoranthene (C21.85)	12.401	13023688	81.508 ug/ml
13) T Pyrene (C20.8)	12.695	12204558	78.945 ug/ml
14) T Benzo[a]anthracene (C...	14.558	9657843	77.873 ug/ml
15) T Chrysene (C27.41)	14.602	9740891	65.615 ug/ml
16) T benzo[b]fluoranthene ...	16.102	9523311	70.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	8781231	62.040 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.477	8371612	65.176 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	8805224	78.133 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	7685255	58.225 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	8084216	60.615 ug/ml

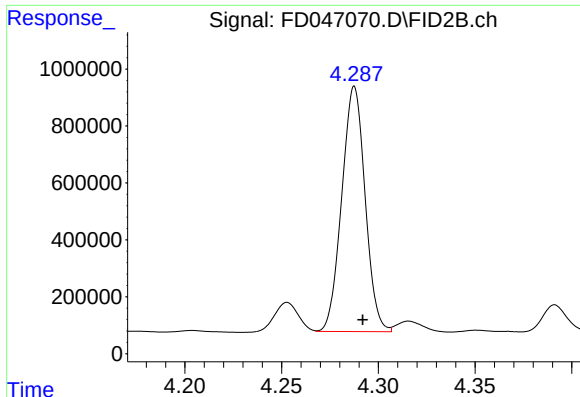
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e
Quant Time: Dec 21 22:30:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
Quant Title : GC Extractables
QLast Update : Mon Dec 18 13:19:40 2023
Response via : Initial Calibration
Integrator: ChemStation

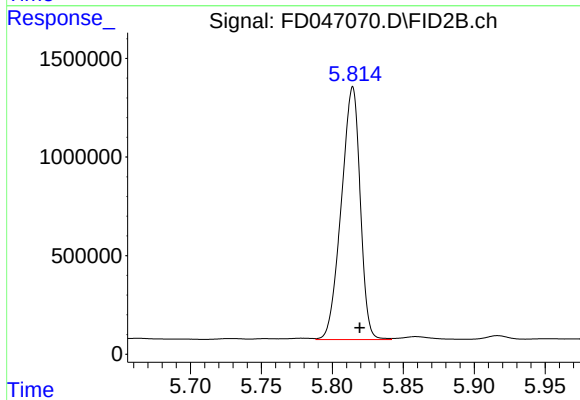
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





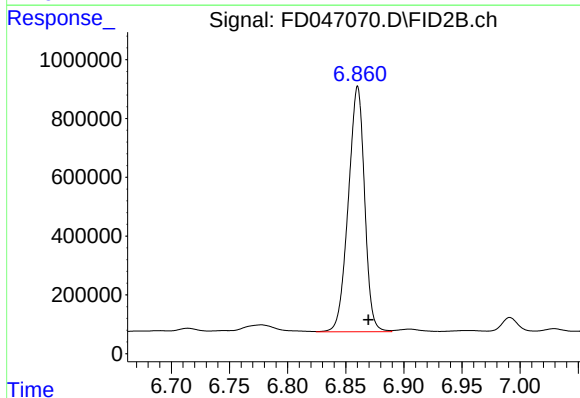
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 7234908
Conc: 37.55 ug/ml



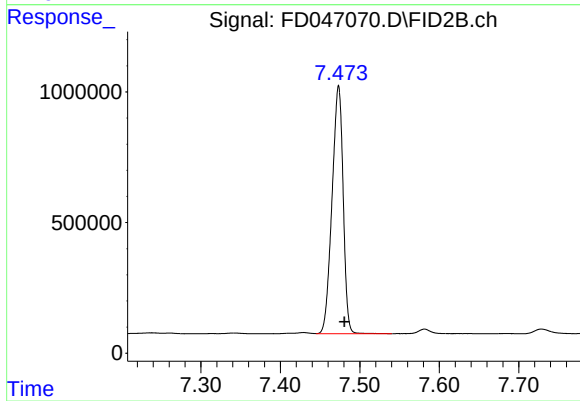
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.005 min
Response: 11880796
Conc: 61.00 ug/ml



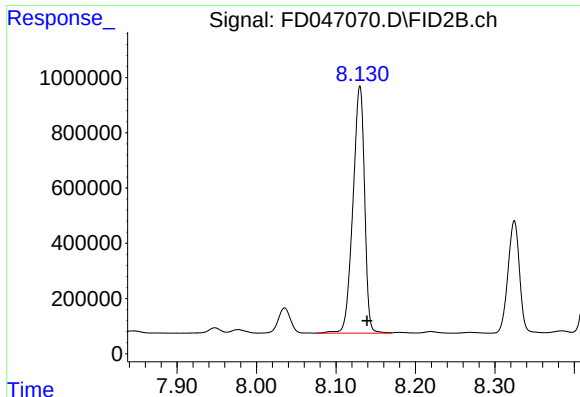
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.009 min
Response: 8142422
Conc: 41.85 ug/ml



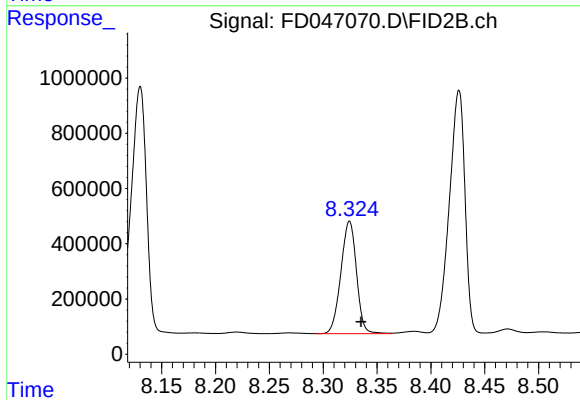
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.007 min
Response: 9228480
Conc: 52.55 ug/ml



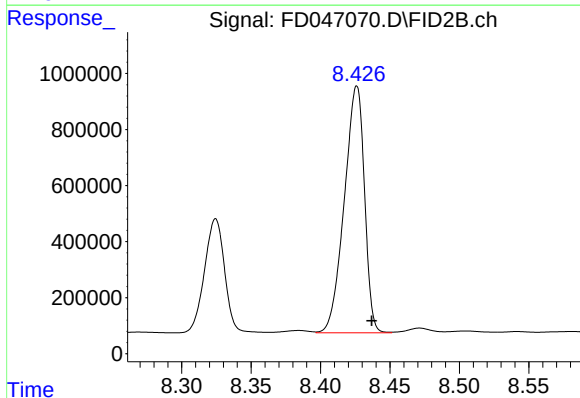
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: -0.009 min
Response: 9125637
Conc: 52.11 ug/ml



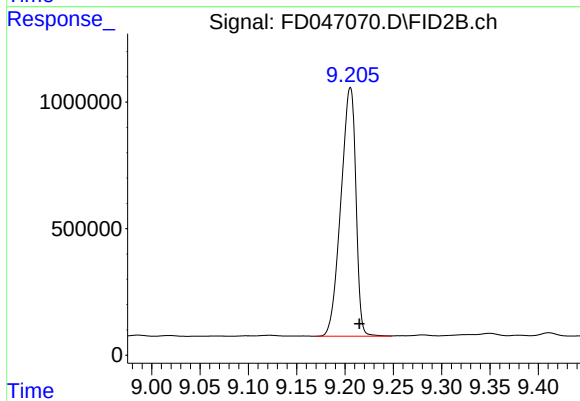
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.011 min
Response: 4113271
Conc: 38.03 ug/ml



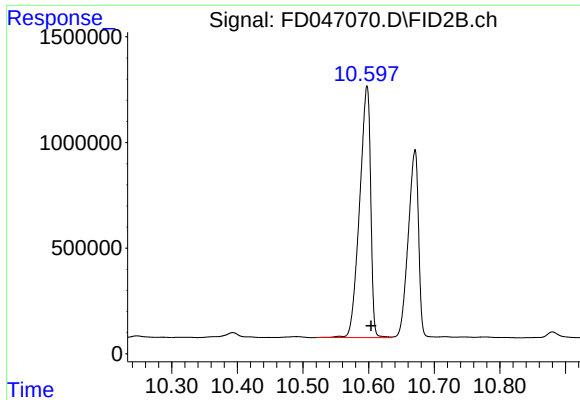
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.011 min
Response: 8919469
Conc: 47.25 ug/ml



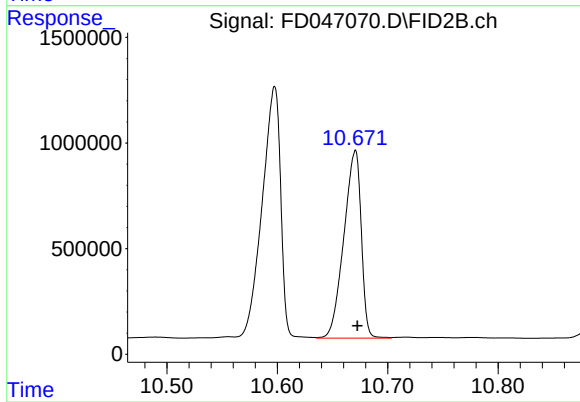
#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: -0.010 min
Response: 10619180
Conc: 61.80 ug/ml



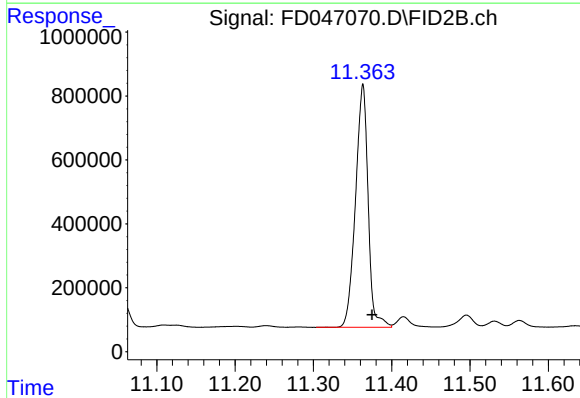
#9 Phenanthrene (C19.36)

R.T.: 10.597 min
Delta R.T.: -0.007 min
Response: 13940269
Conc: 85.06 ug/ml



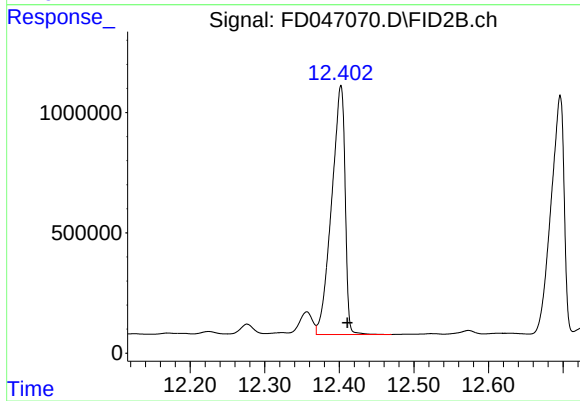
#10 Anthracene (C19.43)

R.T.: 10.670 min
Delta R.T.: -0.003 min
Response: 9729939
Conc: 91.15 ug/ml



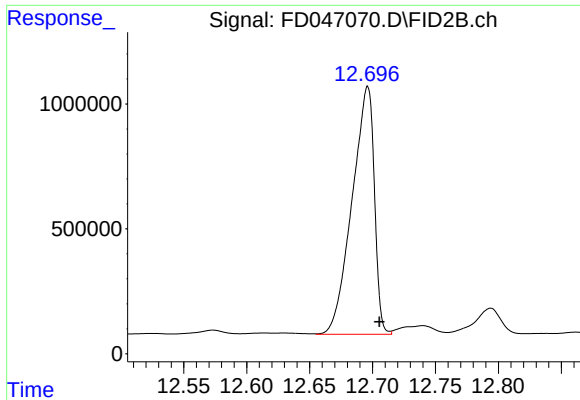
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: -0.012 min
Response: 8508249
Conc: 41.56 ug/ml



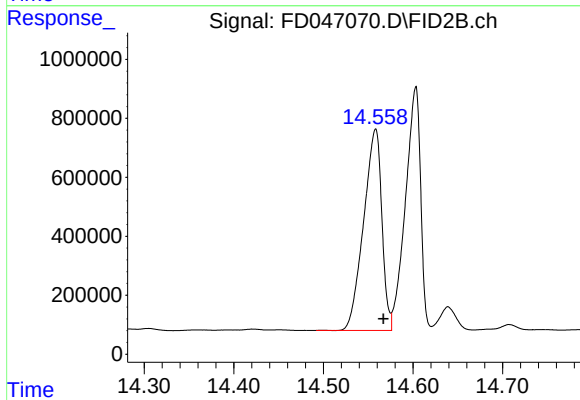
#12 Fluoranthene (C21.85)

R.T.: 12.401 min
Delta R.T.: -0.010 min
Response: 13023688
Conc: 81.51 ug/ml



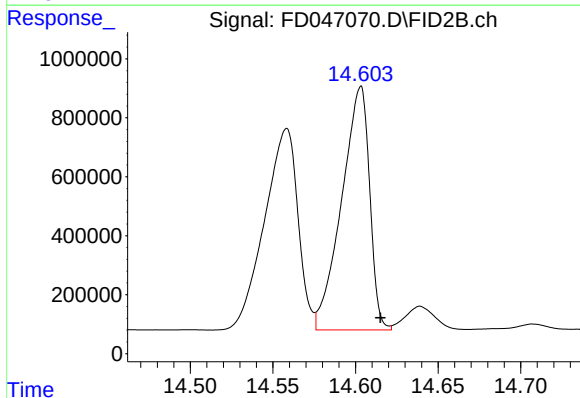
#13 Pyrene (C20.8)

R.T.: 12.695 min
Delta R.T.: -0.010 min
Response: 12204558
Conc: 78.94 ug/ml



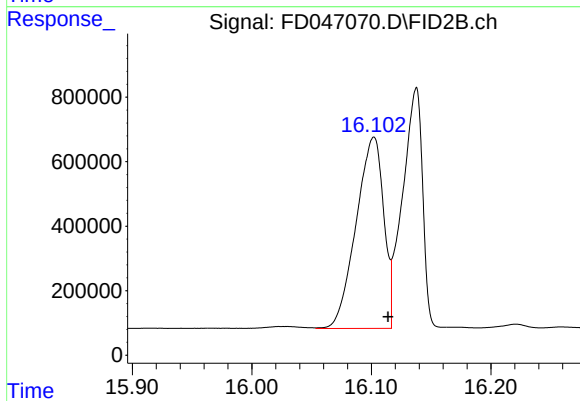
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: -0.009 min
Response: 9657843
Conc: 77.87 ug/ml



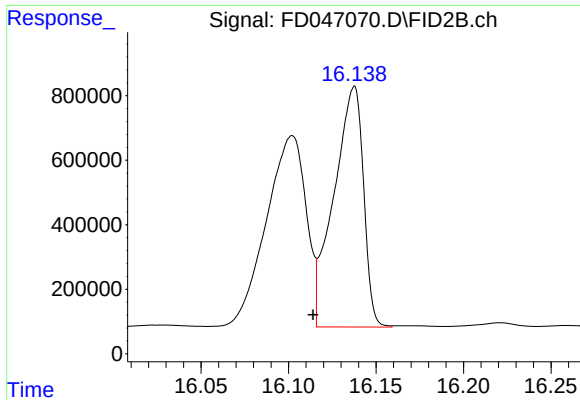
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.013 min
Response: 9740891
Conc: 65.61 ug/ml



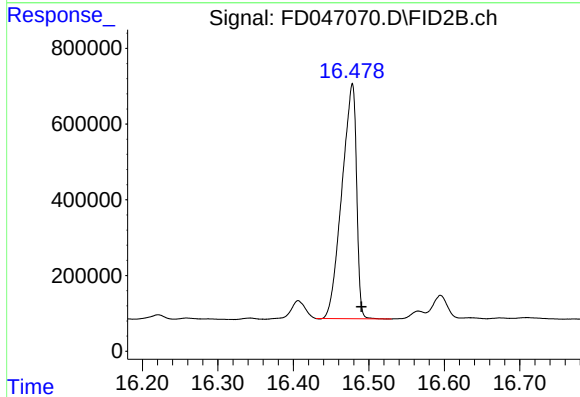
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.102 min
Delta R.T.: -0.012 min
Response: 9523311
Conc: 70.57 ug/ml



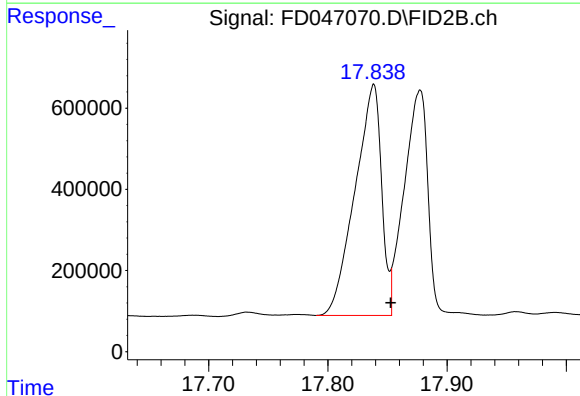
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.138 min
Delta R.T.: 0.024 min
Response: 8781231
Conc: 62.04 ug/ml m



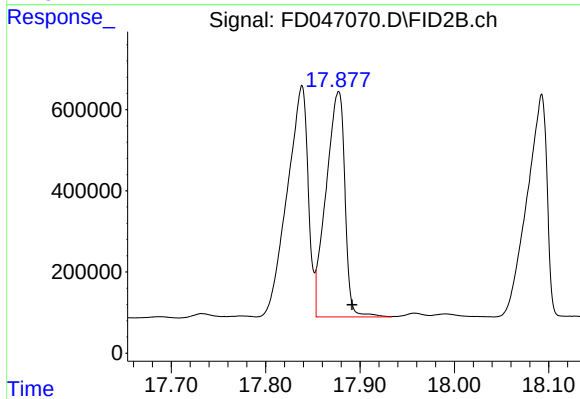
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: -0.013 min
Response: 8371612
Conc: 65.18 ug/ml



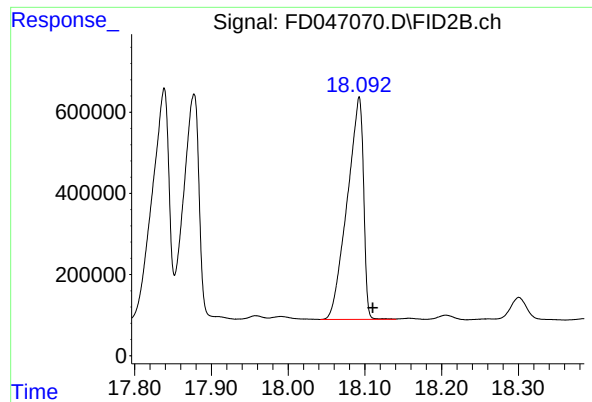
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: -0.015 min
Response: 8805224
Conc: 78.13 ug/ml



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

R.T.: 17.877 min
Delta R.T.: -0.015 min
Response: 7685255
Conc: 58.22 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.019 min
Response: 8084216
Conc: 60.62 ug/ml