

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122123AR\
 Data File : FD047073.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2023 21:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:30:57 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

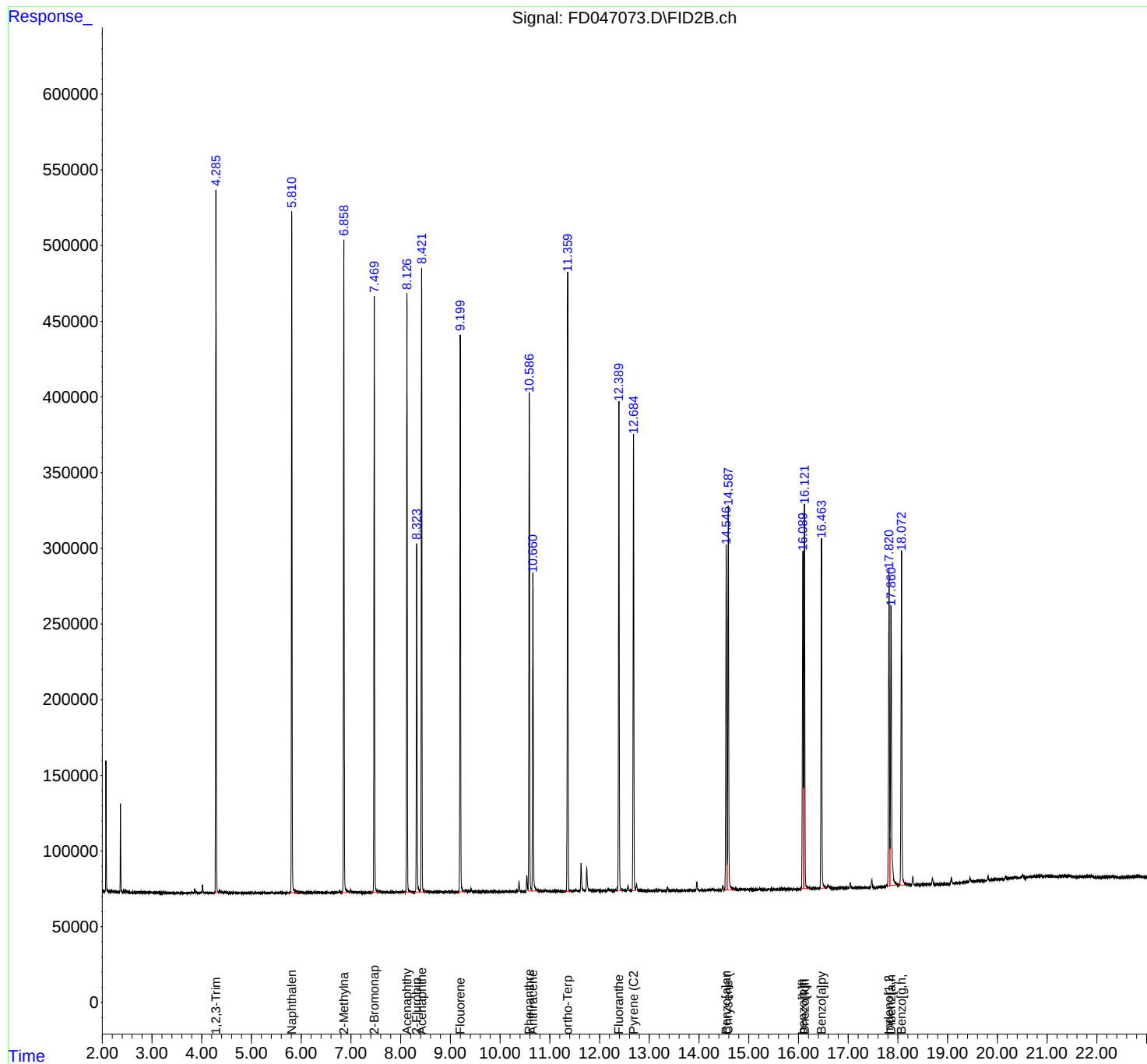
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.470	3734980	21.269 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
6) S 2-Fluorobiphenyl (SURR)	8.323	2352377	21.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.49%
11) S ortho-Terphenyl (SURR)	11.359	4338861	21.193 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	4013242	20.828 ug/ml
2) T Naphthalene (C11.7)	5.810	4119018	21.149 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	4125455	21.205 ug/ml
5) T Acenaphthylene (C15.06)	8.127	3715437	21.215 ug/ml
7) T Acenaphthene (C15.5)	8.421	4018654	21.288 ug/ml
8) T Fluorene (C16.55)	9.199	3748491	21.816 ug/ml
9) T Phenanthrene (C19.36)	10.587	3490563	21.299 ug/ml
10) T Anthracene (C19.43)	10.661	2298743	21.534 ug/ml
12) T Fluoranthene (C21.85)	12.389	3458547	21.645 ug/ml
13) T Pyrene (C20.8)	12.683	3333312	21.561 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2707247	21.829 ug/ml
15) T Chrysene (C27.41)	14.588	3073561	20.704 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2894046	21.445 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.121	2926770	20.678 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2803916	21.829 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2601036	23.080 ug/mlm
20) T Dibenz[a,h]anthracene...	17.861	2791884	21.152 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2873034	21.542 ug/ml

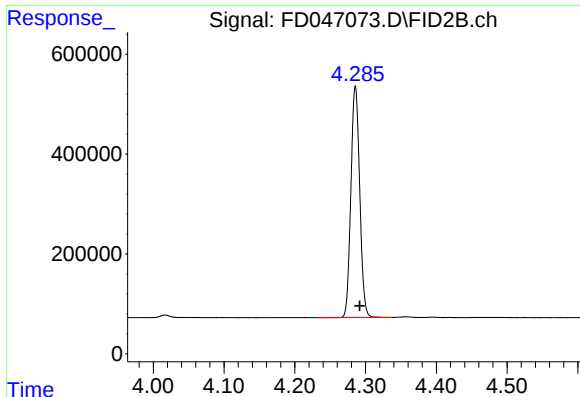
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e
Quant Time: Dec 21 22:30:57 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

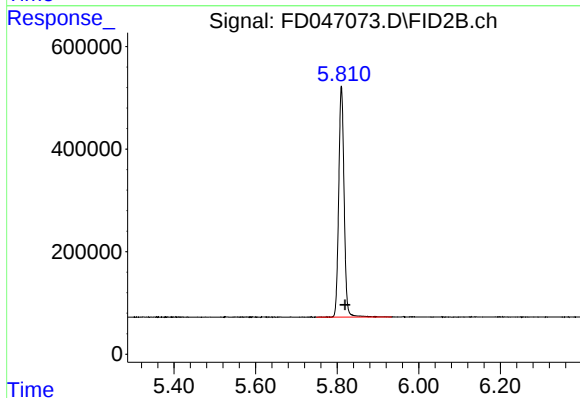
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





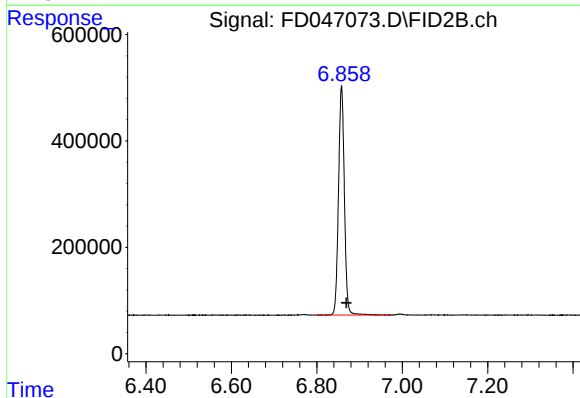
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: -0.006 min
Response: 4013242
Conc: 20.83 ug/ml



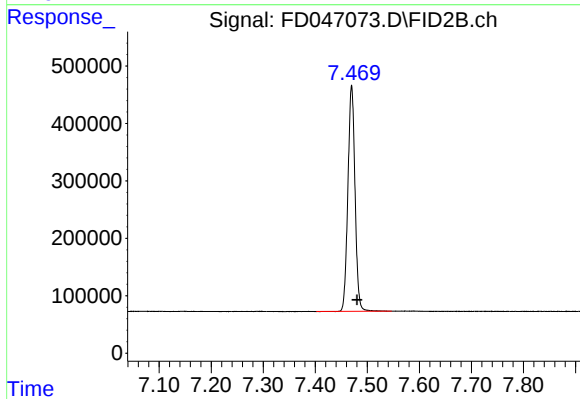
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.009 min
Response: 4119018
Conc: 21.15 ug/ml



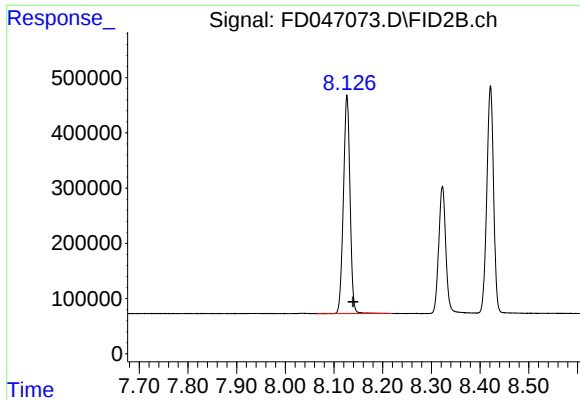
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.011 min
Response: 4125455
Conc: 21.21 ug/ml



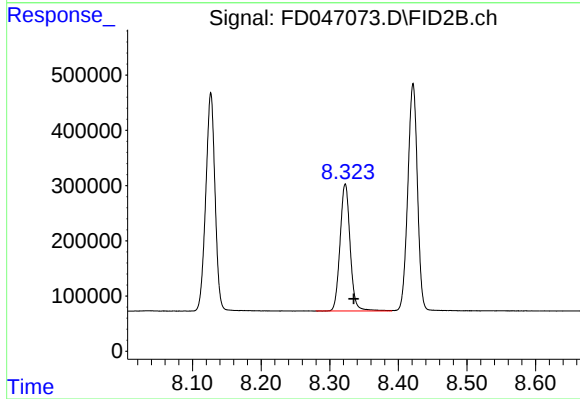
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 3734980
Conc: 21.27 ug/ml



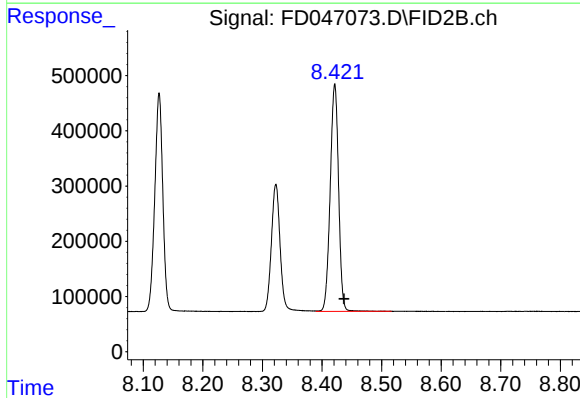
#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: -0.013 min
Response: 3715437
Conc: 21.21 ug/ml



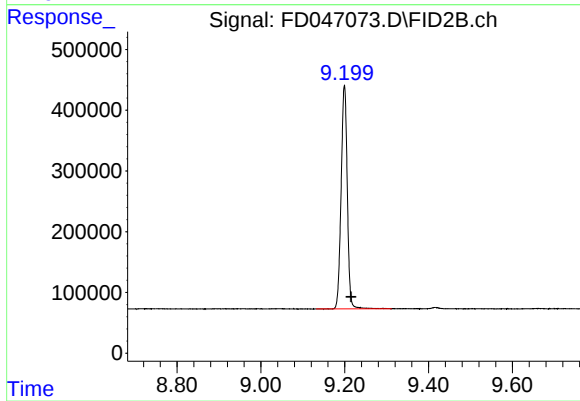
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: -0.012 min
Response: 2352377
Conc: 21.75 ug/ml



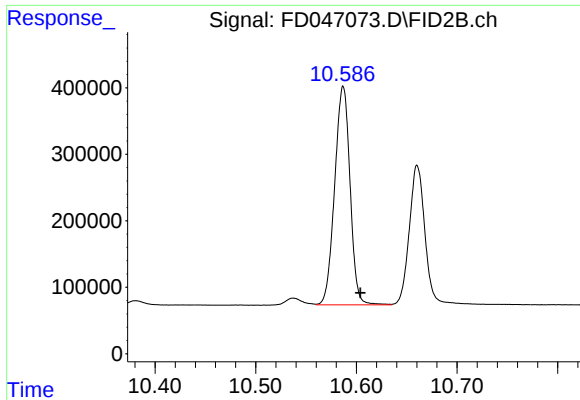
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: -0.016 min
Response: 4018654
Conc: 21.29 ug/ml



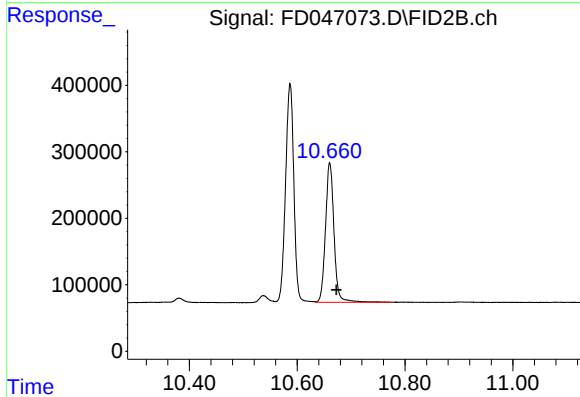
#8 Fluorene (C16.55)

R.T.: 9.199 min
Delta R.T.: -0.016 min
Response: 3748491
Conc: 21.82 ug/ml



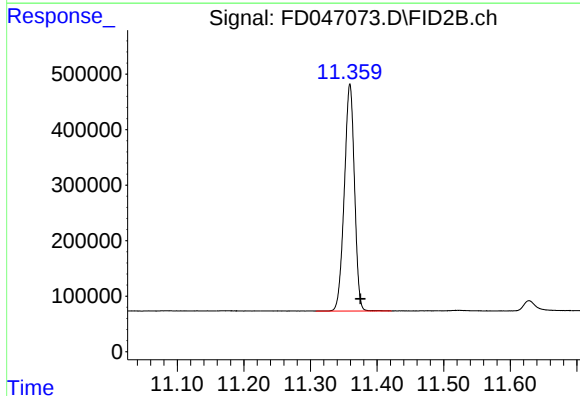
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: -0.017 min
Response: 3490563
Conc: 21.30 ug/ml



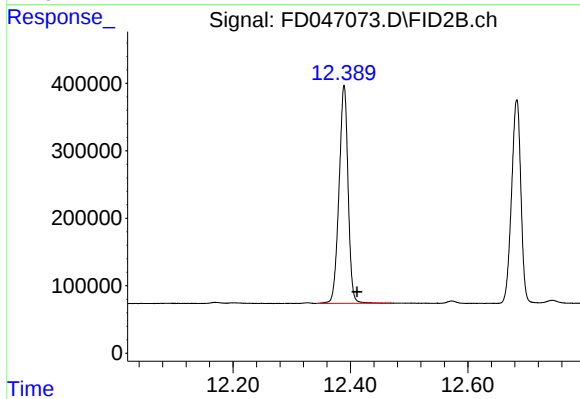
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: -0.012 min
Response: 2298743
Conc: 21.53 ug/ml



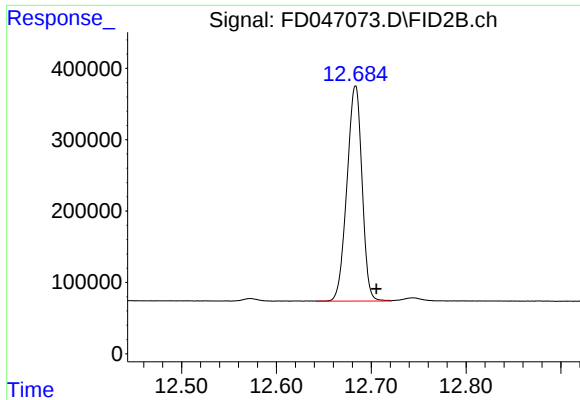
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.016 min
Response: 4338861
Conc: 21.19 ug/ml



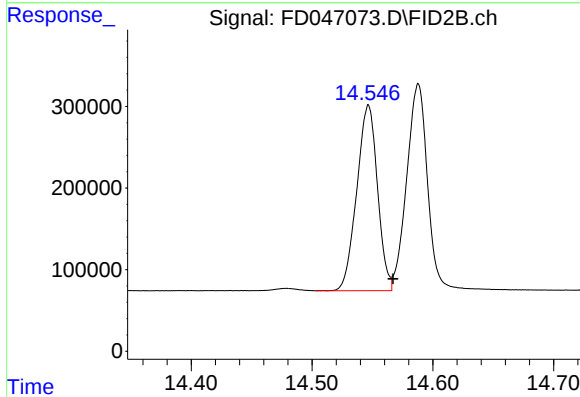
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: -0.022 min
Response: 3458547
Conc: 21.65 ug/ml



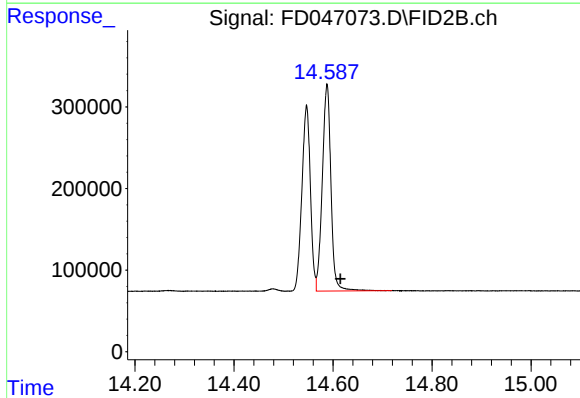
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: -0.022 min
Response: 3333312
Conc: 21.56 ug/ml



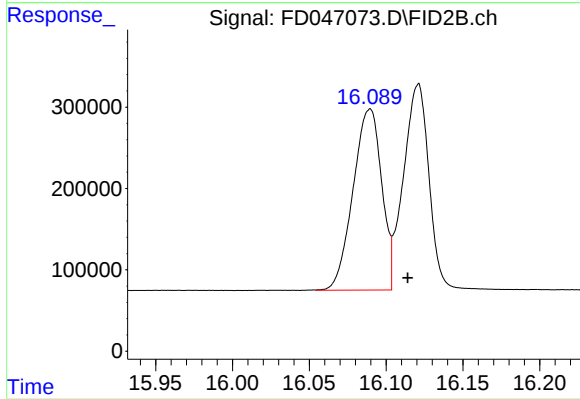
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: -0.020 min
Response: 2707247
Conc: 21.83 ug/ml



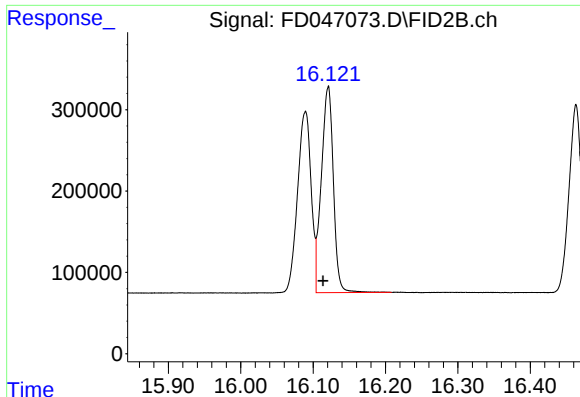
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: -0.027 min
Response: 3073561
Conc: 20.70 ug/ml



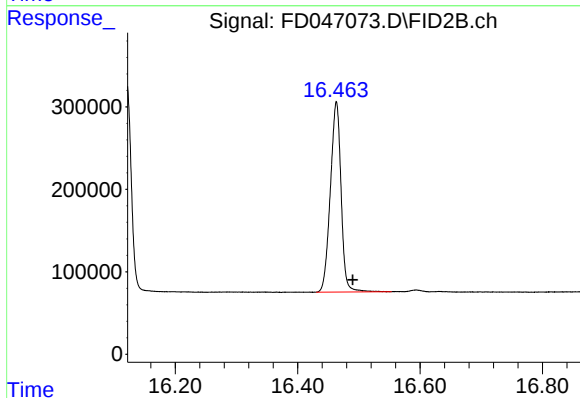
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.089 min
Delta R.T.: -0.025 min
Response: 2894046
Conc: 21.45 ug/ml m



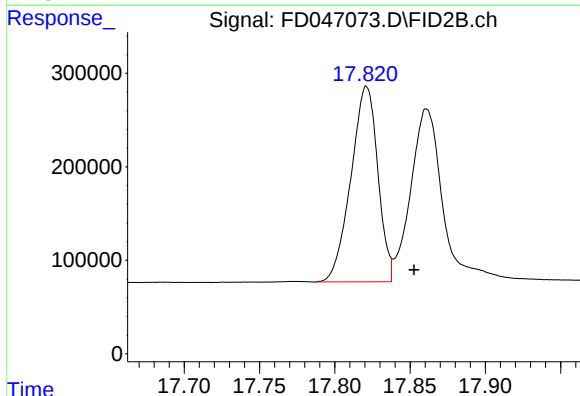
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.007 min
Response: 2926770
Conc: 20.68 ug/ml



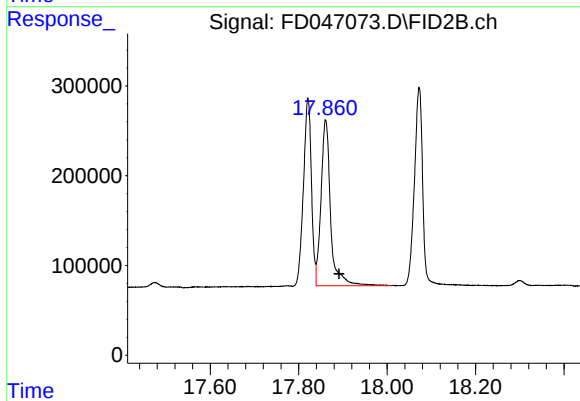
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: -0.027 min
Response: 2803916
Conc: 21.83 ug/ml



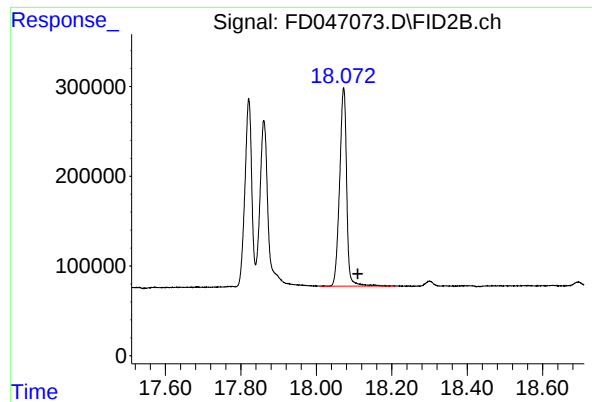
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: -0.032 min
Response: 2601036
Conc: 23.08 ug/ml m



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

R.T.: 17.861 min
Delta R.T.: -0.030 min
Response: 2791884
Conc: 21.15 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.038 min
Response: 2873034
Conc: 21.54 ug/ml