

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080422AR\
 Data File : FD043494.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 13:03
 Operator : YP/AJ
 Sample : N3980-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 15:39:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 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...	7.617	6919315	48.917 ug/ml
Spiked Amount 50.000		Recovery =	97.83%
6) S 2-Fluorobiphenyl (SURR)	8.481	4714338	49.590 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	99.18%
11) S ortho-Terphenyl (SURR)	11.528	7151330	42.193 ug/ml
Spiked Amount 50.000		Recovery =	84.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	669825	4.271 ug/ml
2) T Naphthalene (C11.7)	5.950	740453	4.579 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	748728	5.113 ug/ml
5) T Acenaphthylene (C15.06)	8.280	728589	4.488 ug/ml
7) T Acenaphthene (C15.5)	8.576	824905	5.102 ug/ml
8) T Fluorene (C16.55)	9.359	748944	4.780 ug/ml
9) T Phenanthrene (C19.36)	10.756	742438	4.737 ug/ml
10) T Anthracene (C19.43)	10.831	744956	4.837 ug/ml
12) T Fluoranthene (C21.85)	12.570	760762	4.803 ug/ml
13) T Pyrene (C20.8)	12.867	752862	4.791 ug/ml
14) T Benzo[a]anthracene (C...	14.740	723432	4.904 ug/ml
15) T Chrysene (C27.41)	14.781	907909	5.810 ug/ml
16) T benzo[b]fluoranthene ...	16.290	1509047	10.088 ug/ml
17) T Bnezo[k]fluoranthene ...	16.290	1509047	10.057 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	698942	4.945 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	650719	5.506 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	947802	6.682 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	747382	5.747 ug/ml

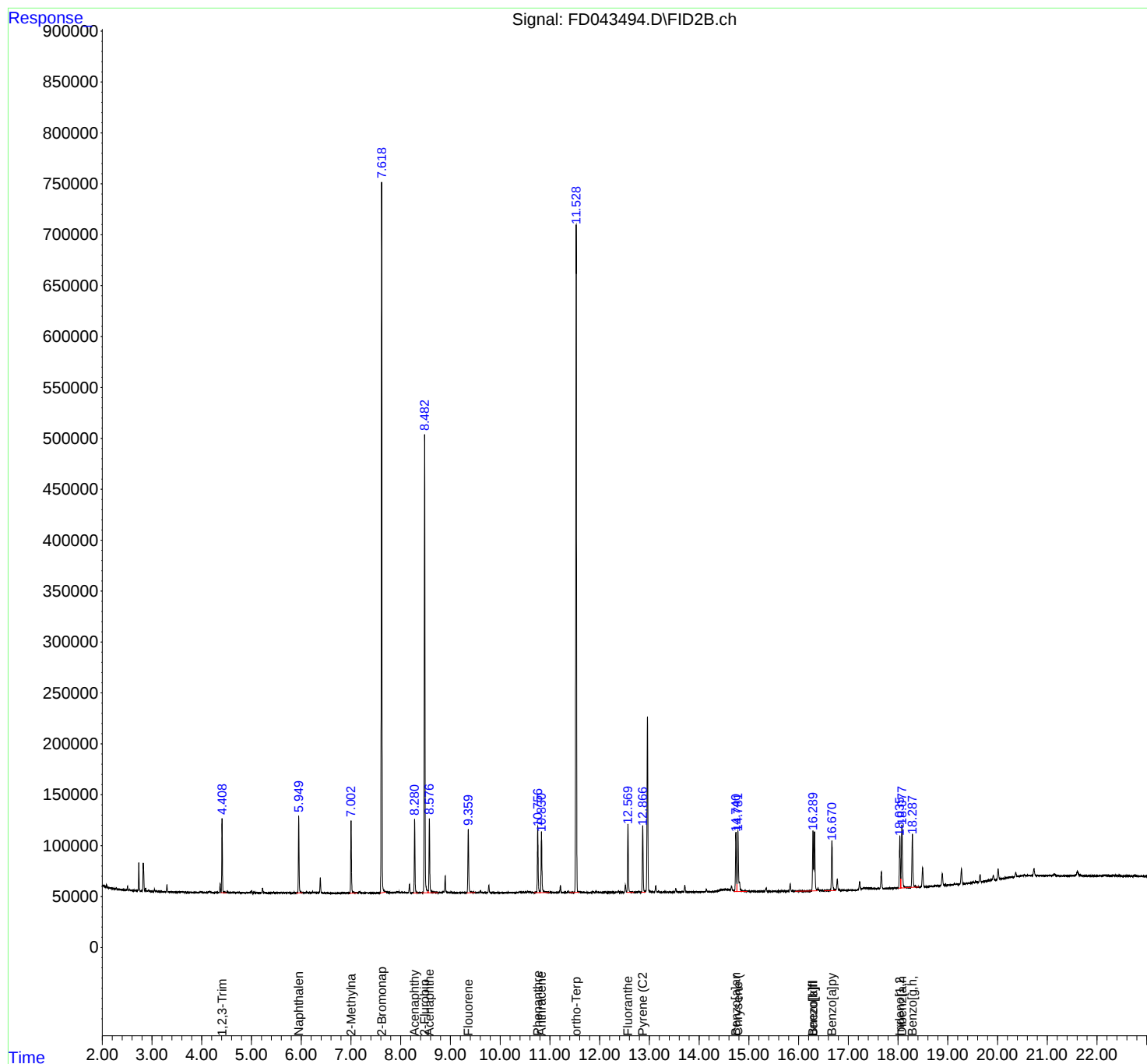
(f)=RT Delta > 1/2 Window

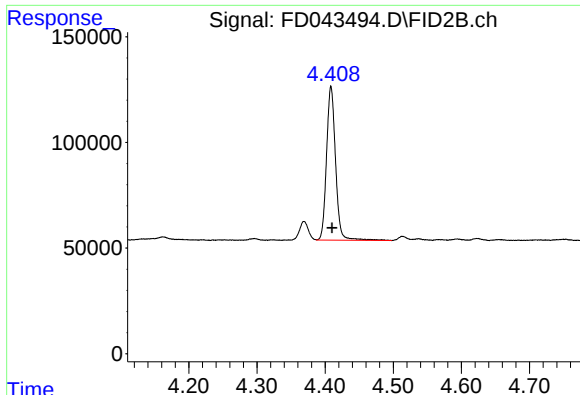
(m)=manual int.

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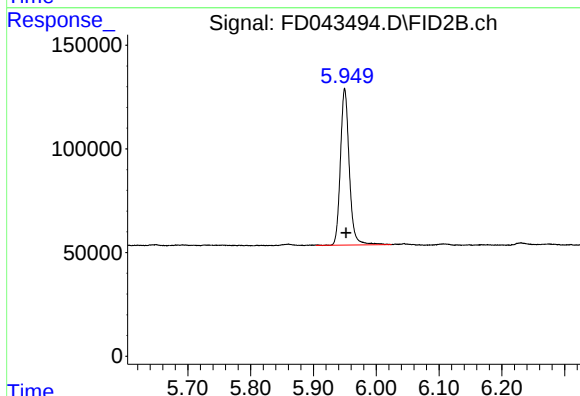
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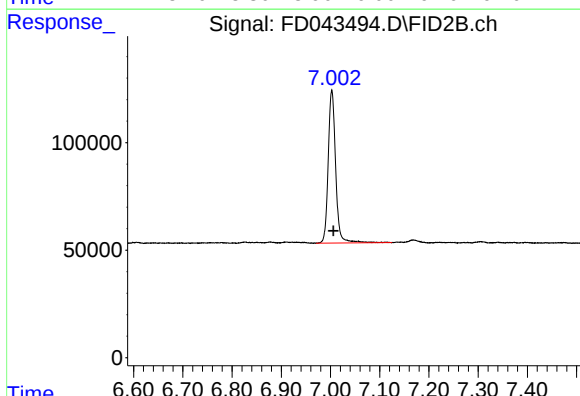
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 669825
Conc: 4.27 ug/ml



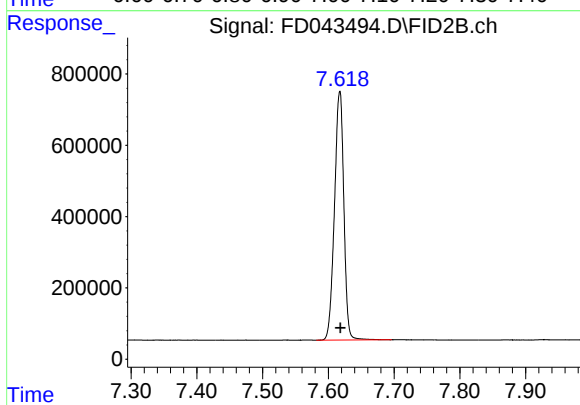
#2 Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 740453
Conc: 4.58 ug/ml



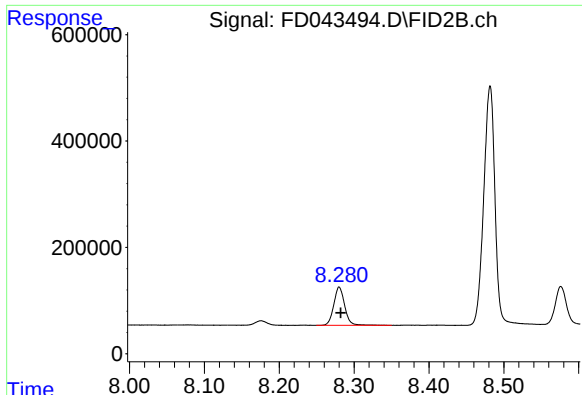
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 748728
Conc: 5.11 ug/ml



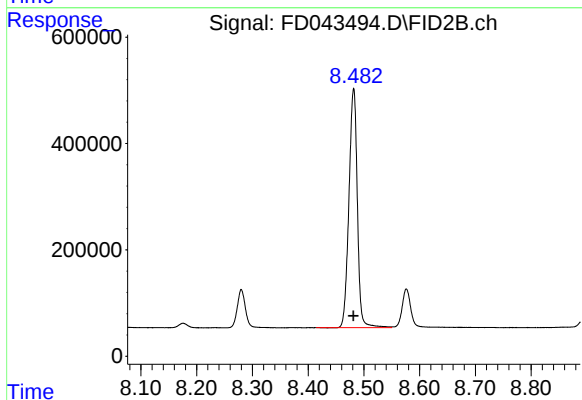
#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: -0.001 min
Response: 6919315
Conc: 48.92 ug/ml



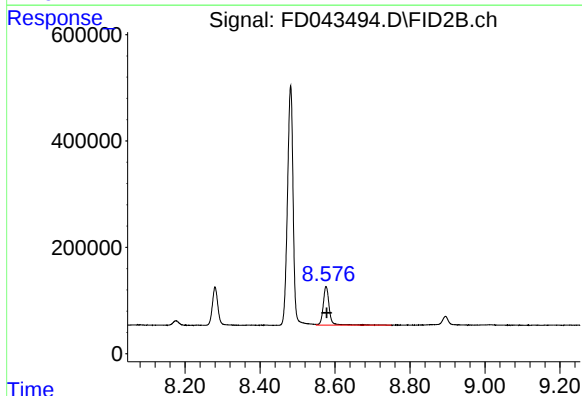
#5 Acenaphthylene (C15.06)

R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 728589
Conc: 4.49 ug/ml



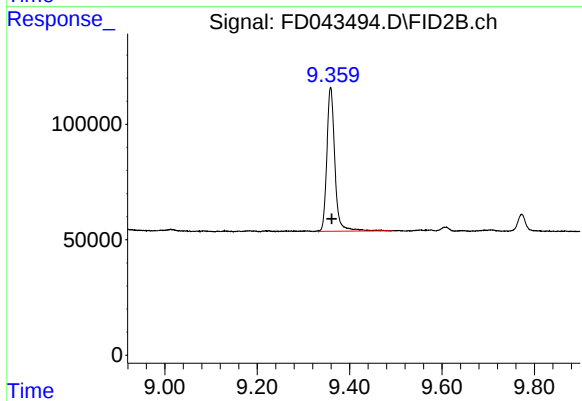
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 4714338
Conc: 49.59 ug/ml



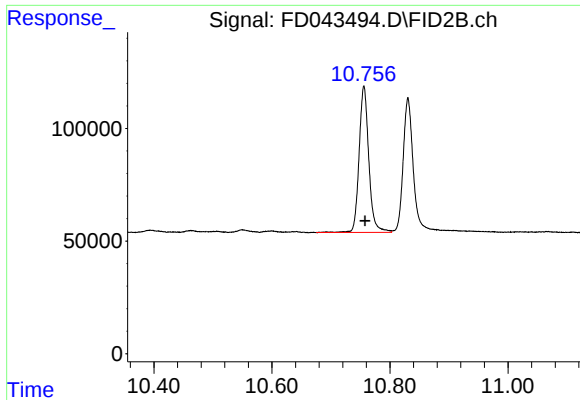
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.002 min
Response: 824905
Conc: 5.10 ug/ml



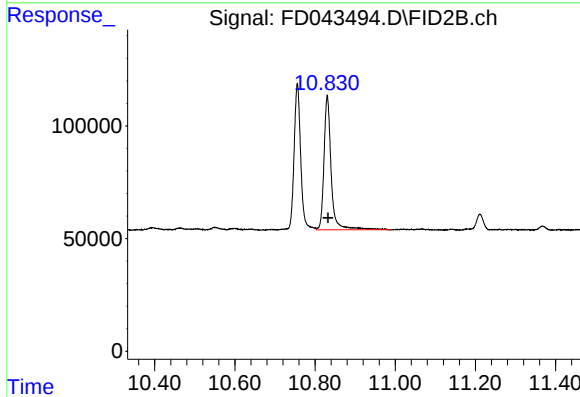
#8 Flouorene (C16.55)

R.T.: 9.359 min
Delta R.T.: -0.002 min
Response: 748944
Conc: 4.78 ug/ml



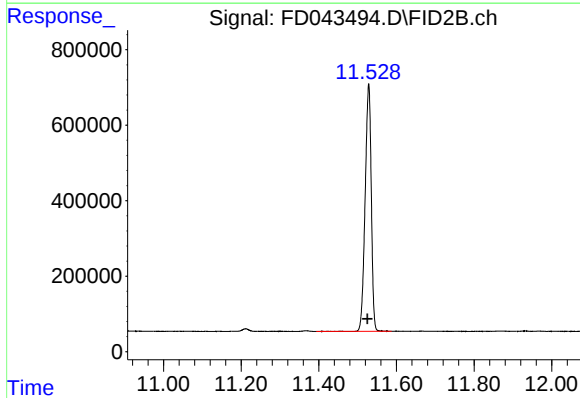
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: -0.002 min
Response: 742438
Conc: 4.74 ug/ml



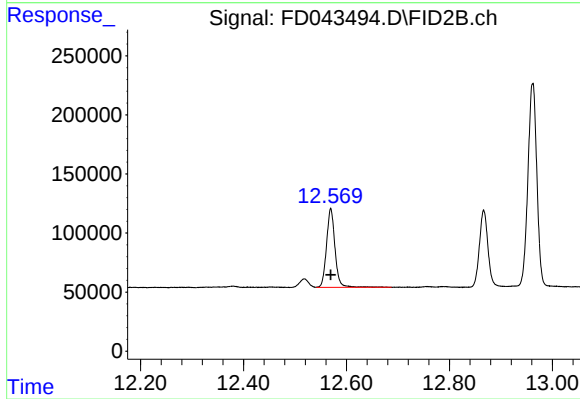
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: -0.002 min
Response: 744956
Conc: 4.84 ug/ml



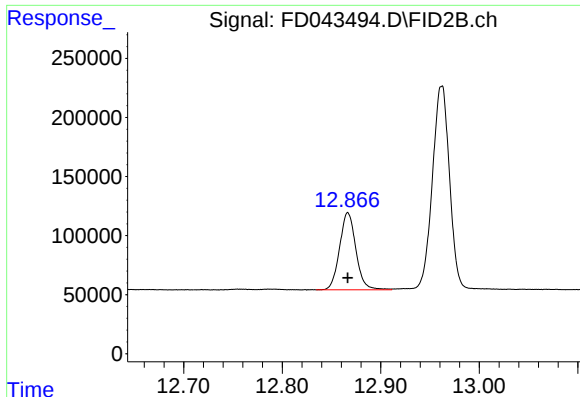
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: 0.003 min
Response: 7151330
Conc: 42.19 ug/ml



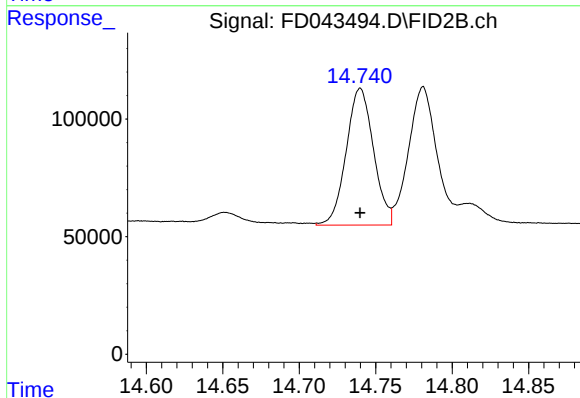
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 760762
Conc: 4.80 ug/ml



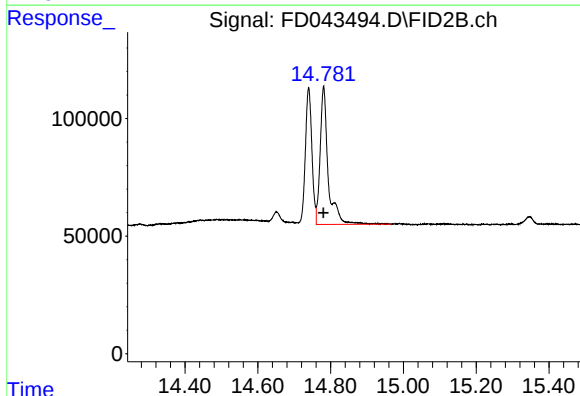
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 752862
Conc: 4.79 ug/ml



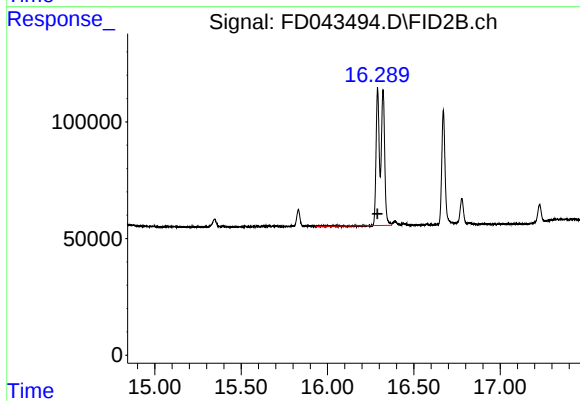
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 723432
Conc: 4.90 ug/ml



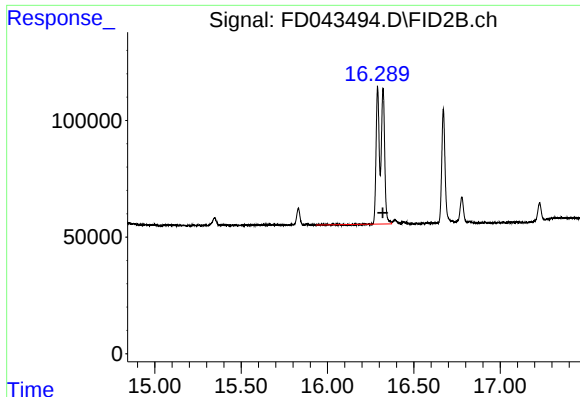
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: 0.000 min
Response: 907909
Conc: 5.81 ug/ml



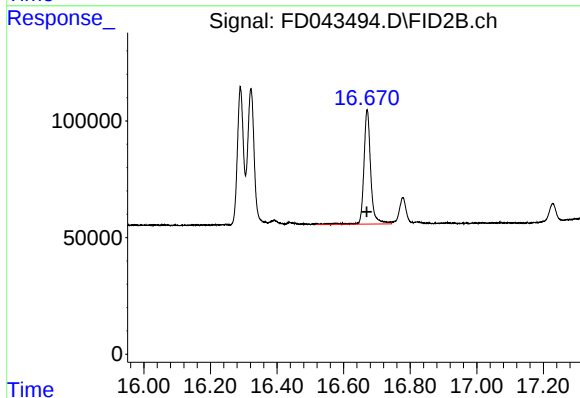
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: 0.002 min
Response: 1509047
Conc: 10.09 ug/ml



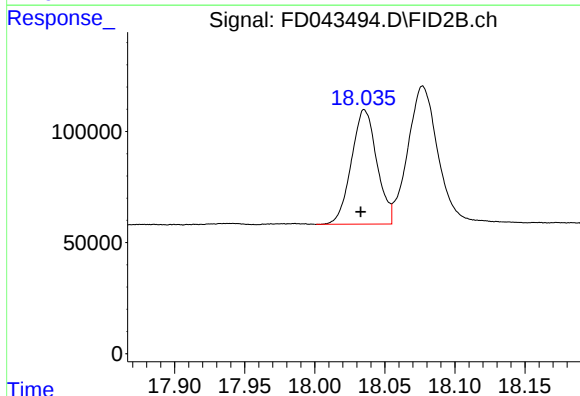
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.290 min
Delta R.T.: -0.029 min
Response: 1509047
Conc: 10.06 ug/ml



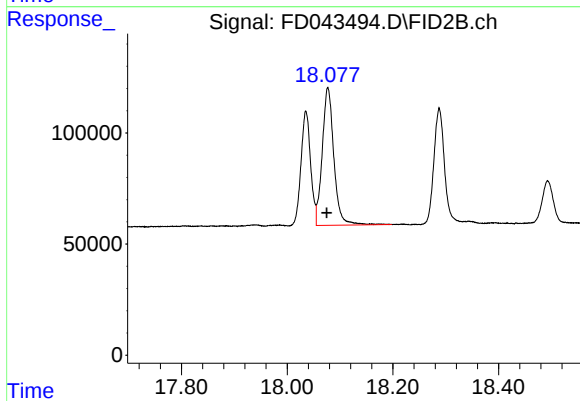
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.001 min
Response: 698942
Conc: 4.94 ug/ml



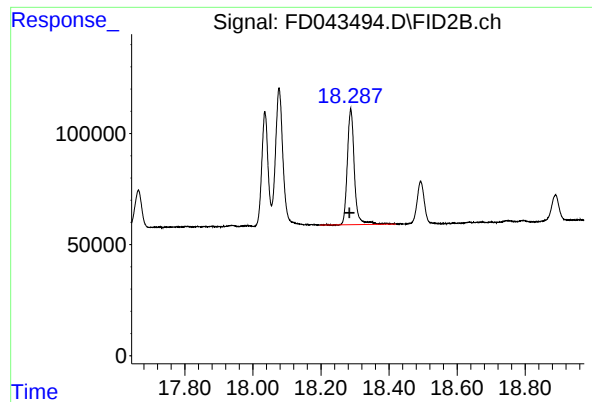
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.003 min
Response: 650719
Conc: 5.51 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.002 min
Response: 947802
Conc: 6.68 ug/ml



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

R.T.: 18.288 min
Delta R.T.: 0.004 min
Response: 747382
Conc: 5.75 ug/ml