

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122223AR\
 Data File : FD047078.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2023 13:45
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 14:54:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 14:54:08 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	3524565	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.323	2213944	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.359	4076590	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	3812332	20.000 ug/ml
2) T Naphthalene (C11.7)	5.811	3897800	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	3896751	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.127	3551926	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.422	3797420	20.000 ug/ml
8) T Flouorene (C16.55)	9.200	3523826	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.587	3307857	20.000 ug/ml
10) T Anthracene (C19.43)	10.661	3066004	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.389	3203737	20.000 ug/ml
13) T Pyrene (C20.8)	12.683	3109816	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2609790	20.000 ug/ml
15) T Chrysene (C27.41)	14.588	2909139	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.088	2722675	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	2769194	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2691552	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2390672	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	2754800	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2737816	20.000 ug/ml

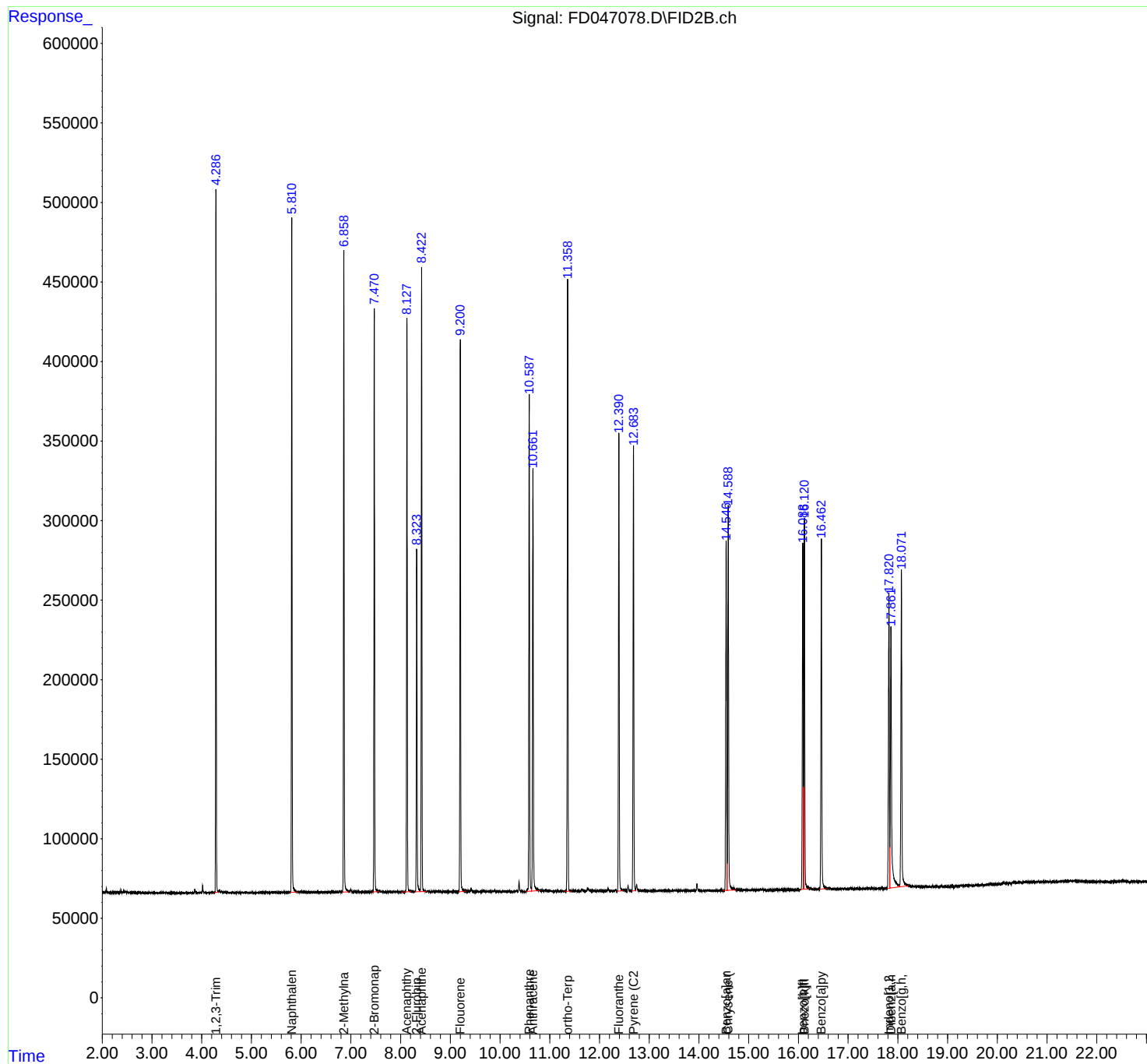
(f)=RT Delta > 1/2 Window

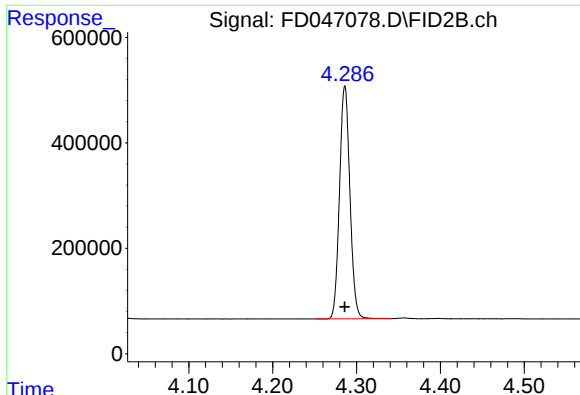
(m)=manual int.

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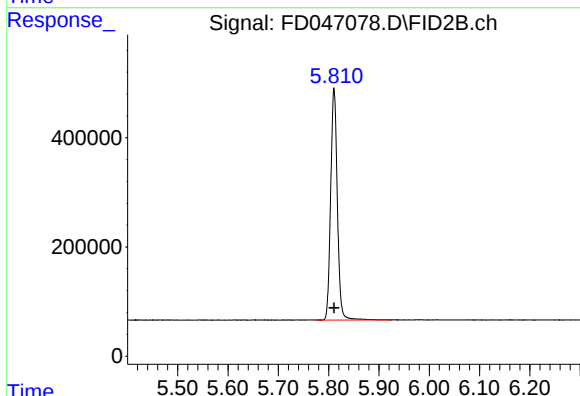
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Signal Info : 20M x 0.18mm x 0.18µm





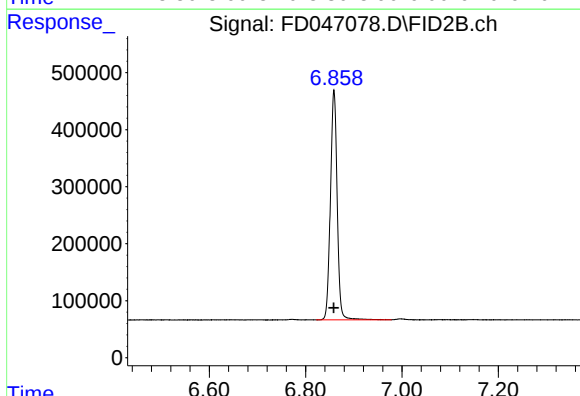
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 3812332
Conc: 20.00 ug/ml



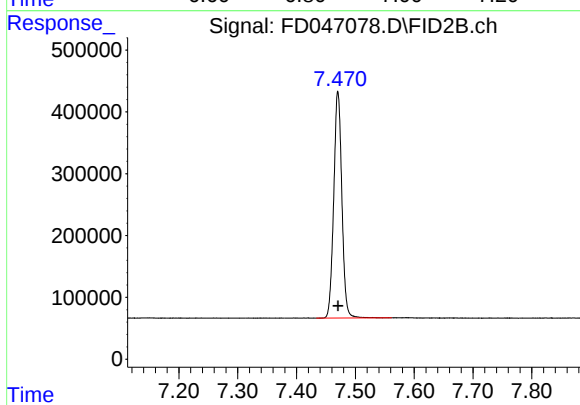
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 3897800
Conc: 20.00 ug/ml



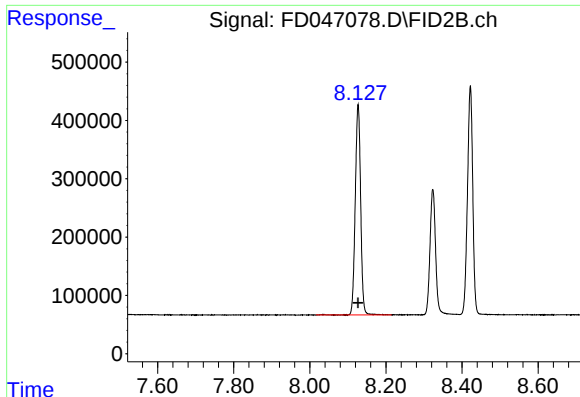
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 3896751
Conc: 20.00 ug/ml



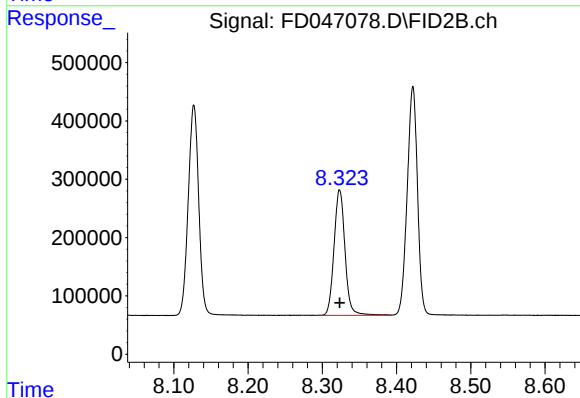
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3524565
Conc: 20.00 ug/ml



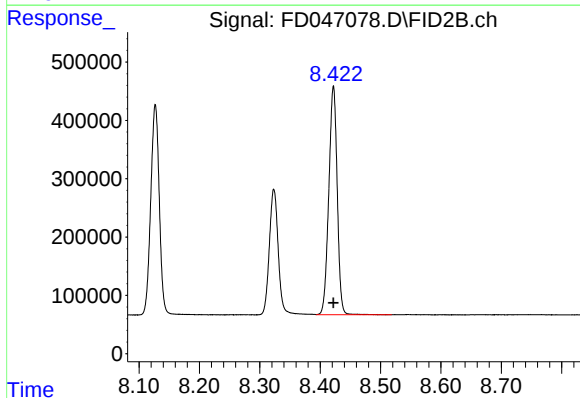
#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 3551926
Conc: 20.00 ug/ml



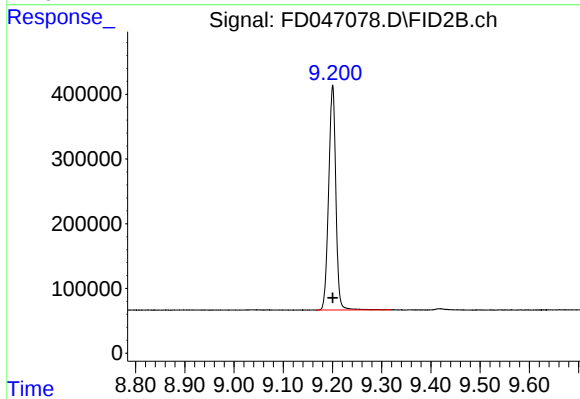
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 2213944
Conc: 20.00 ug/ml



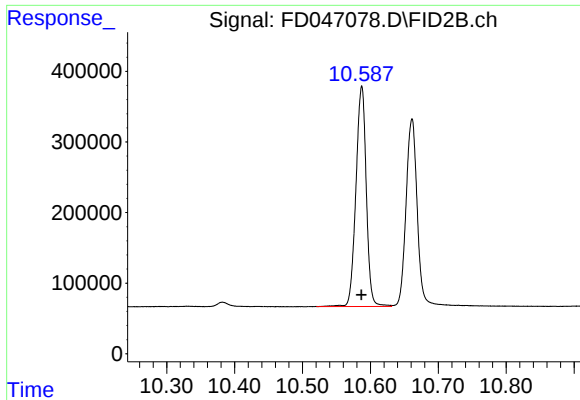
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 3797420
Conc: 20.00 ug/ml



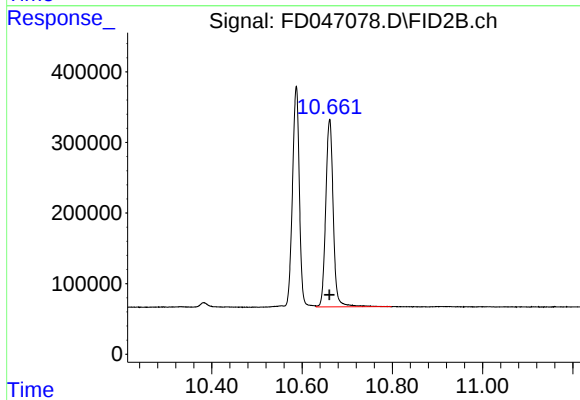
#8 Fluorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 3523826
Conc: 20.00 ug/ml



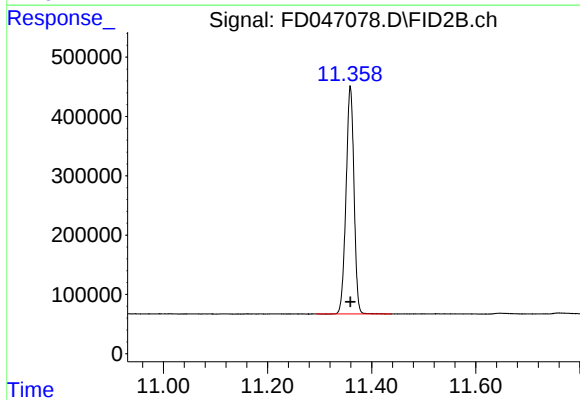
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.000 min
Response: 3307857
Conc: 20.00 ug/ml



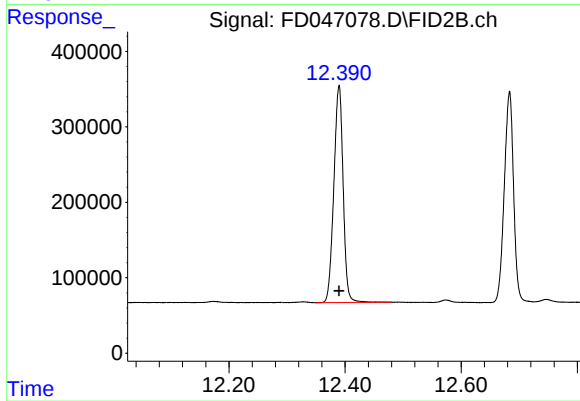
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.000 min
Response: 3066004
Conc: 20.00 ug/ml



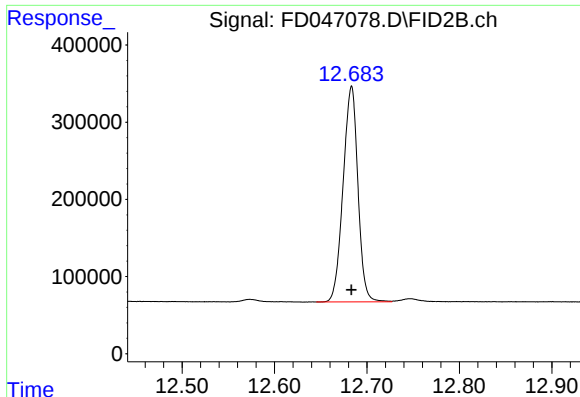
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.000 min
Response: 4076590
Conc: 20.00 ug/ml



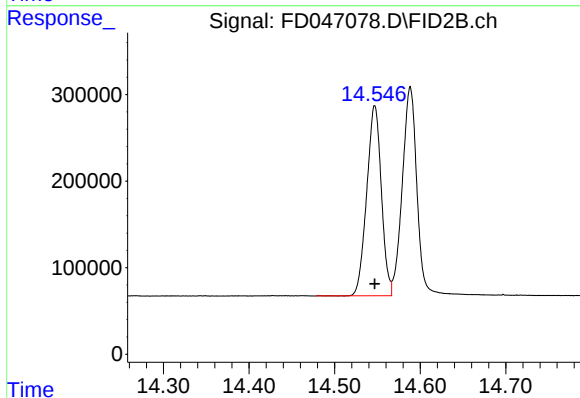
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.000 min
Response: 3203737
Conc: 20.00 ug/ml



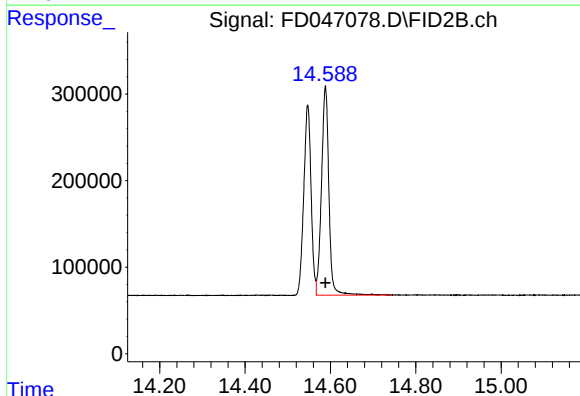
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.000 min
Response: 3109816
Conc: 20.00 ug/ml



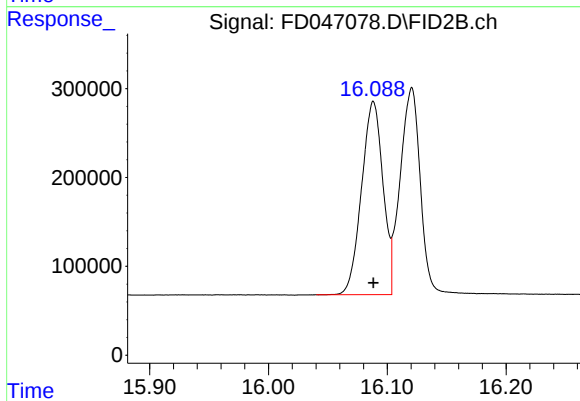
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.000 min
Response: 2609790
Conc: 20.00 ug/ml



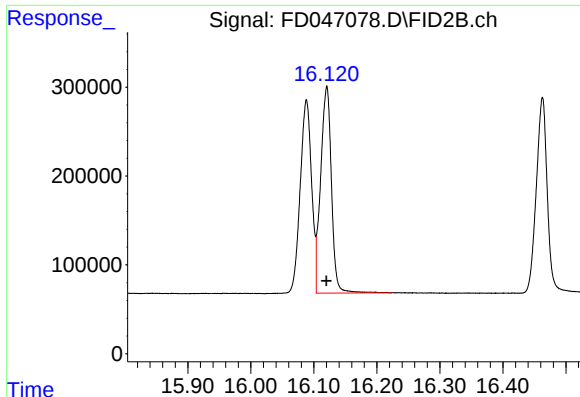
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.000 min
Response: 2909139
Conc: 20.00 ug/ml



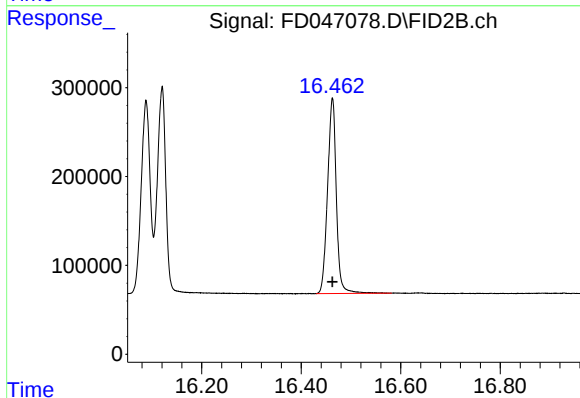
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.000 min
Response: 2722675
Conc: 20.00 ug/ml



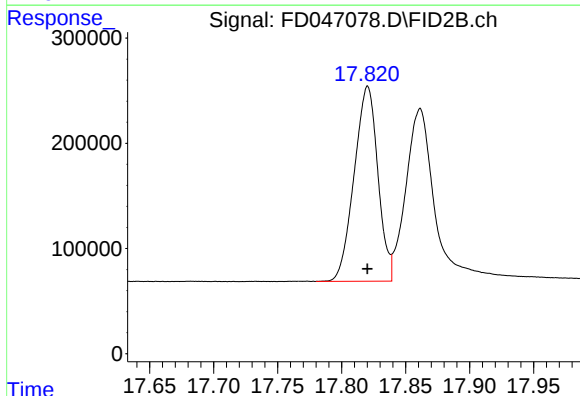
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.120 min
Delta R.T.: 0.000 min
Response: 2769194
Conc: 20.00 ug/ml



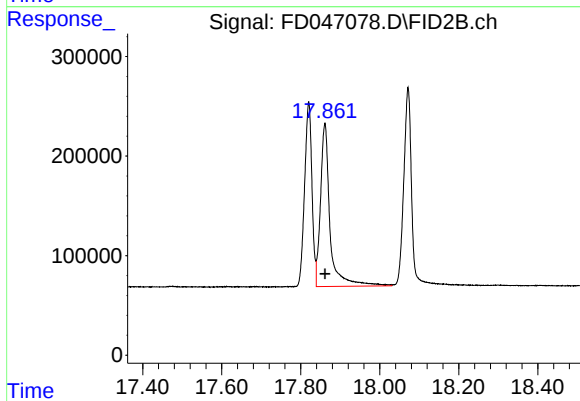
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.000 min
Response: 2691552
Conc: 20.00 ug/ml



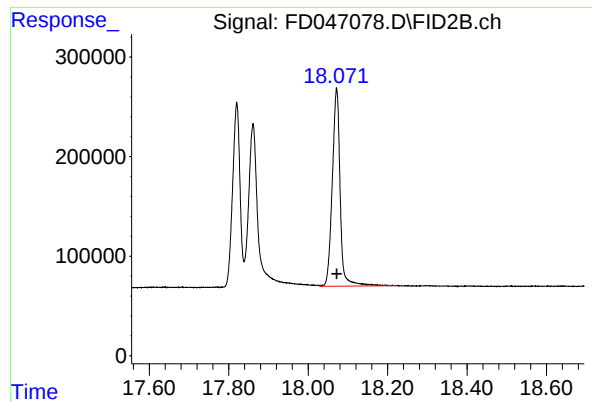
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.000 min
Response: 2390672
Conc: 20.00 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.000 min
Response: 2754800
Conc: 20.00 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.000 min
Response: 2737816
Conc: 20.00 ug/ml