

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112423AR\
 Data File : FD046969.D
 Signal(s) : FID2B.ch
 Acq On : 24 Nov 2023 12:52
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 13:29:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:29:42 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...	7.476	869025	5.023 ug/ml
Spiked Amount 50.000		Recovery =	10.05%
6) S 2-Fluorobiphenyl (SURR)	8.330	518351	4.767 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.53%
11) S ortho-Terphenyl (SURR)	11.364	1007699	5.064 ug/ml
Spiked Amount 50.000		Recovery =	10.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	965099	5.187 ug/ml
2) T Naphthalene (C11.7)	5.817	968823	5.088 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	996818	5.176 ug/ml
5) T Acenaphthylene (C15.06)	8.132	883994	5.078 ug/ml
7) T Acenaphthene (C15.5)	8.426	937592	5.056 ug/ml
8) T Fluorene (C16.55)	9.206	831644	4.818 ug/ml
9) T Phenanthrene (C19.36)	10.593	791346	4.820 ug/ml
10) T Anthracene (C19.43)	10.668	752673	4.867 ug/ml
12) T Fluoranthene (C21.85)	12.395	765551	4.830 ug/ml
13) T Pyrene (C20.8)	12.689	736025	4.811 ug/ml
14) T Benzo[a]anthracene (C...	14.553	621671	4.795 ug/ml
15) T Chrysene (C27.41)	14.593	744043	5.191 ug/ml
16) T benzo[b]fluoranthene ...	16.092	656310	4.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	719601	5.267 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	653149	4.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	544417	4.563 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	705866	5.432 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	658554	5.033 ug/ml

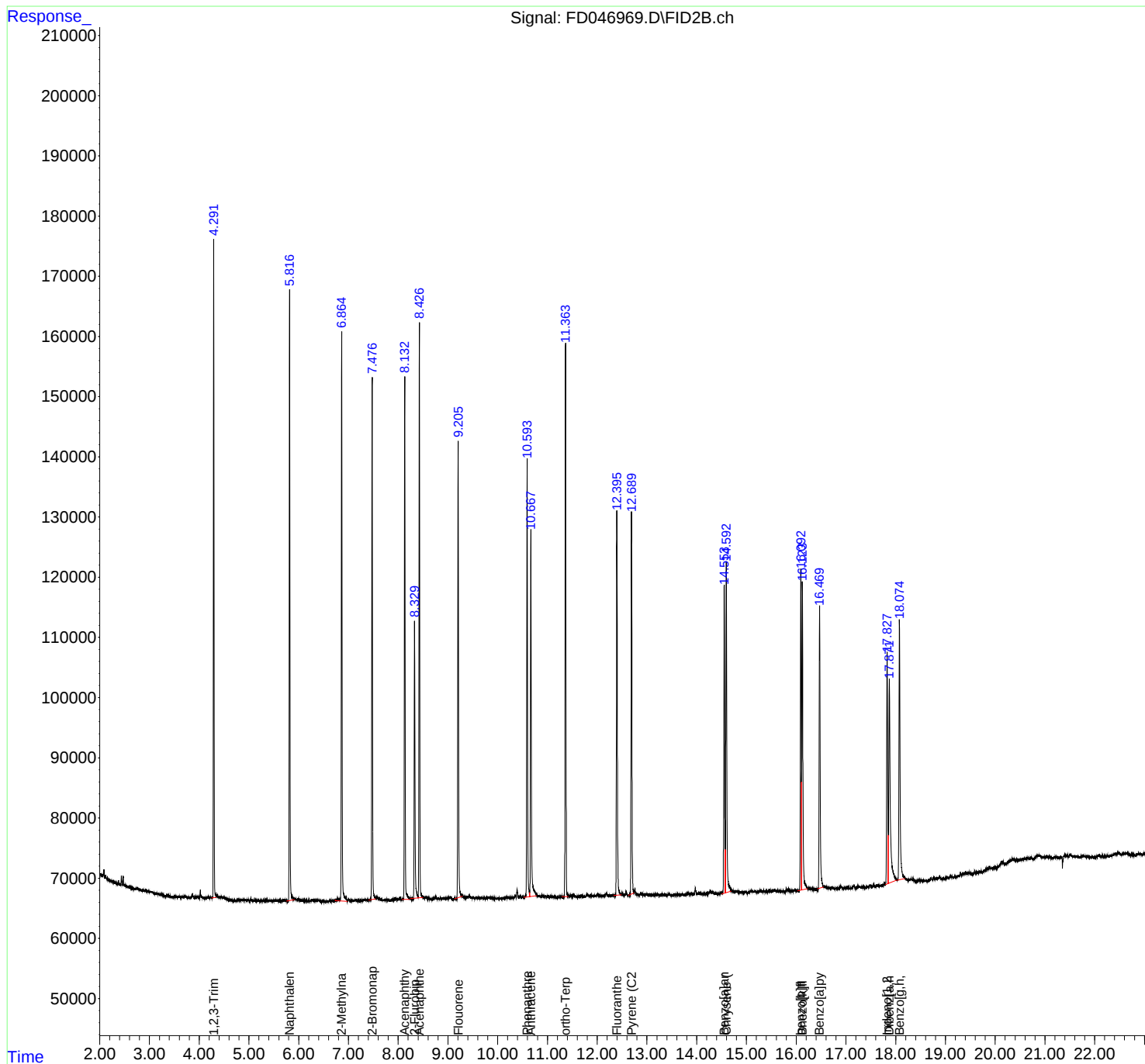
(f)=RT Delta > 1/2 Window

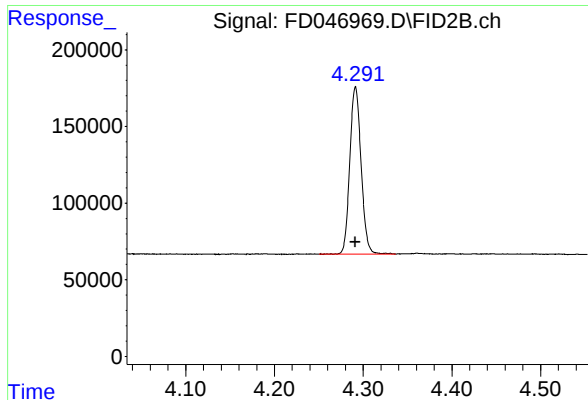
(m)=manual int.

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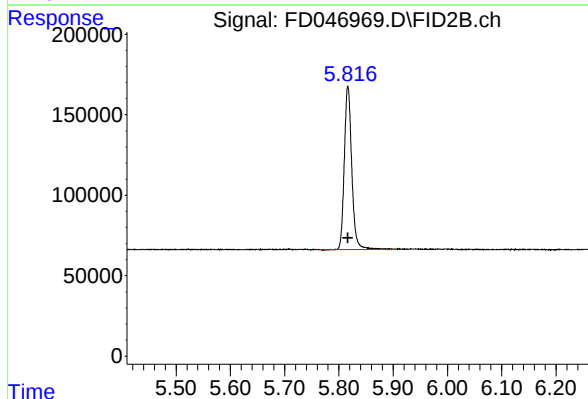
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Signal Info : 20M x 0.18mm x 0.18µm





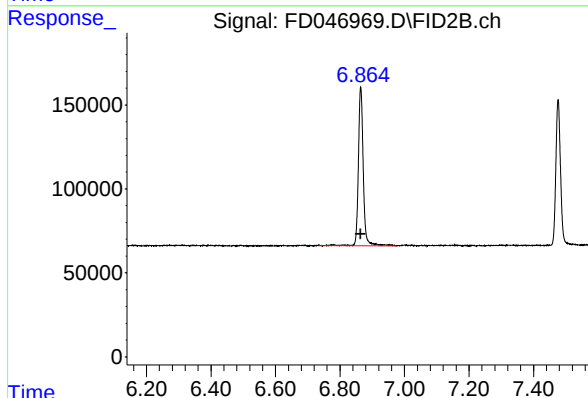
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 965099
Conc: 5.19 ug/ml



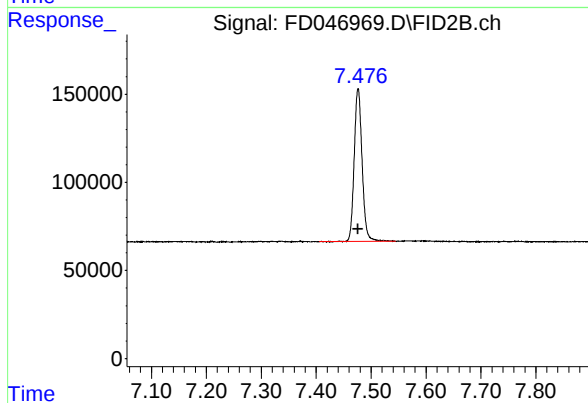
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 968823
Conc: 5.09 ug/ml



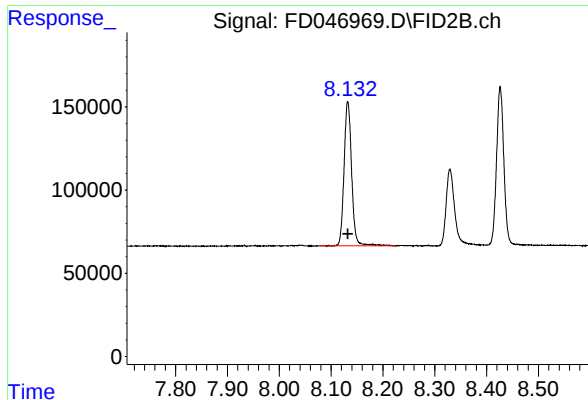
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 996818
Conc: 5.18 ug/ml



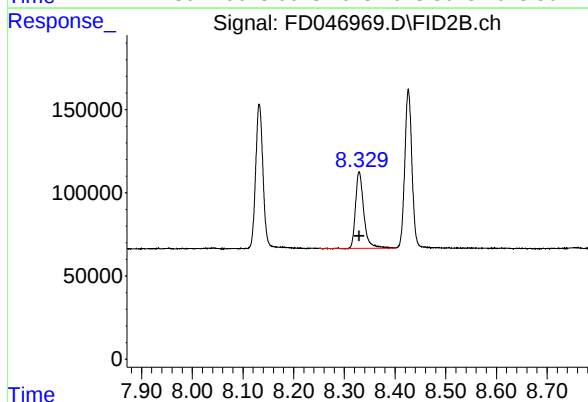
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 869025
Conc: 5.02 ug/ml



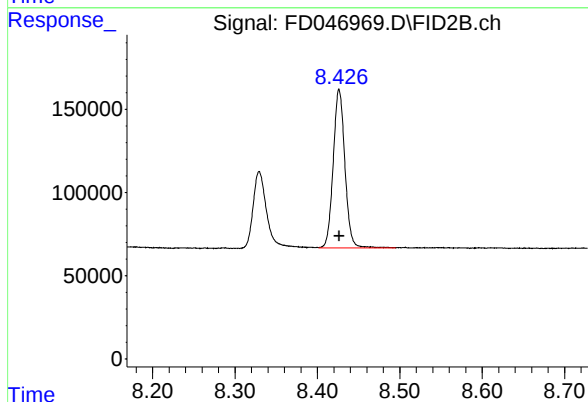
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 883994
Conc: 5.08 ug/ml



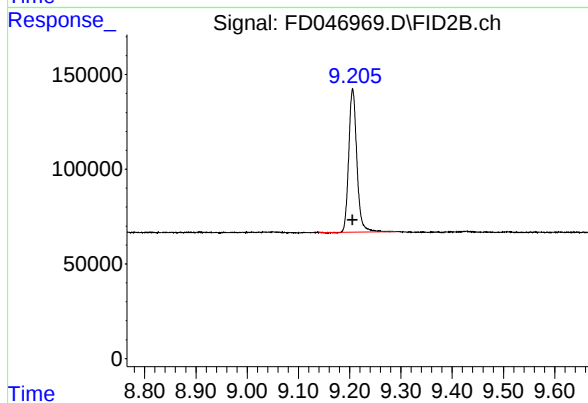
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 518351
Conc: 4.77 ug/ml



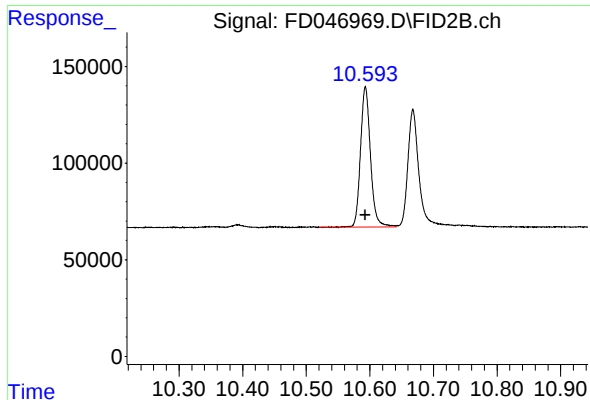
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 937592
Conc: 5.06 ug/ml



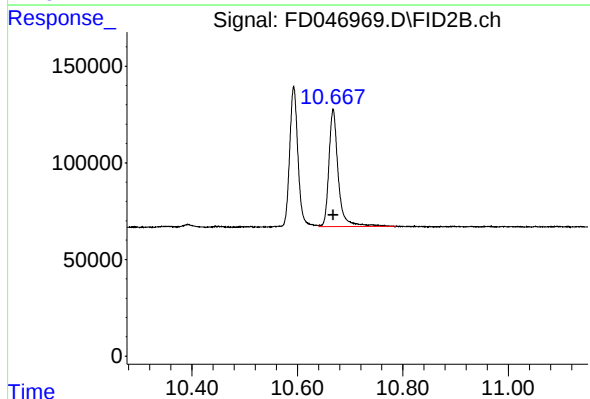
#8 Flouorene (C16.55)

R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 831644
Conc: 4.82 ug/ml



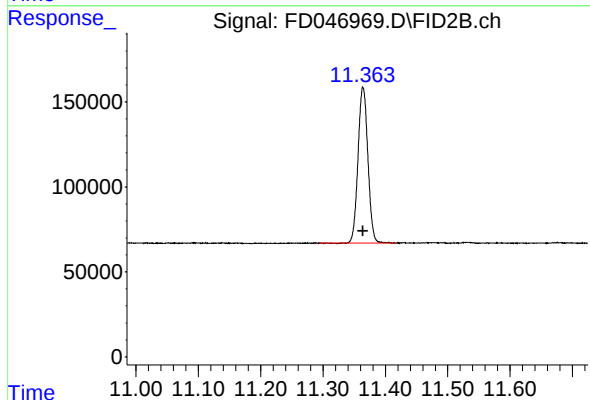
#9 Phenanthrene (C19.36)

R.T.: 10.593 min
Delta R.T.: 0.000 min
Response: 791346
Conc: 4.82 ug/ml



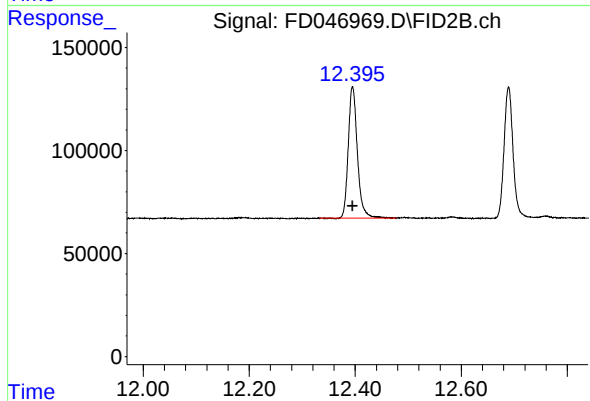
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: 0.000 min
Response: 752673
Conc: 4.87 ug/ml



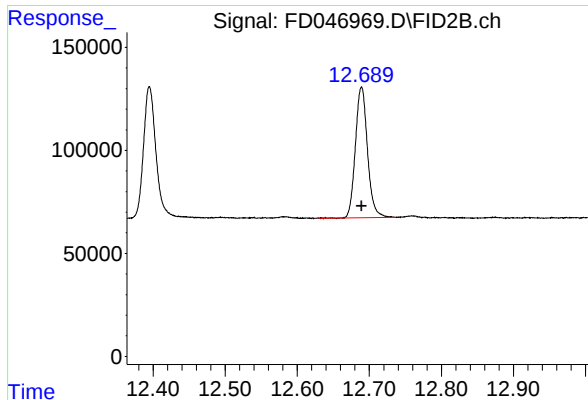
#11 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: 0.000 min
Response: 1007699
Conc: 5.06 ug/ml



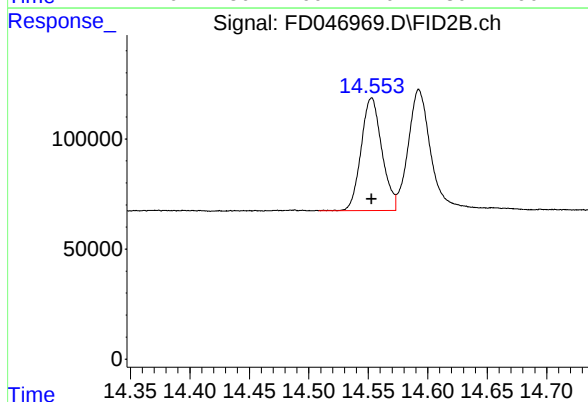
#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 765551
Conc: 4.83 ug/ml



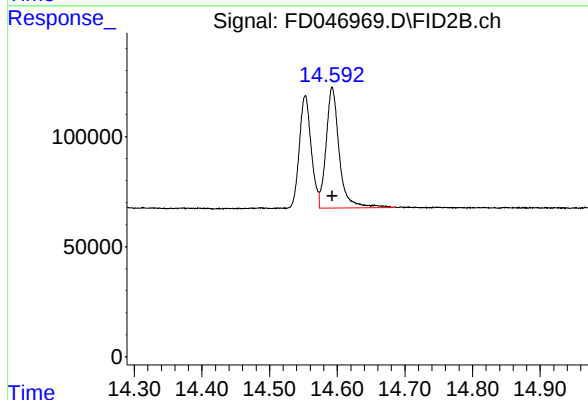
#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 736025
Conc: 4.81 ug/ml



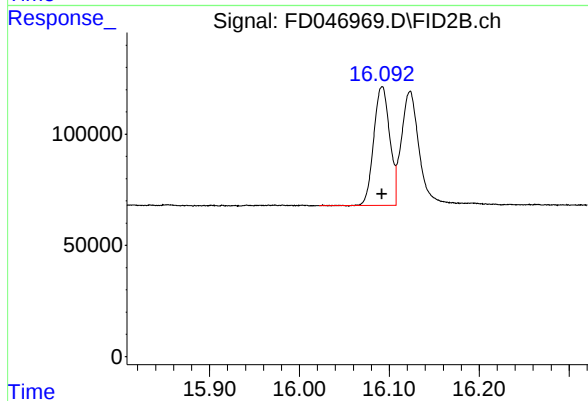
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 621671
Conc: 4.79 ug/ml



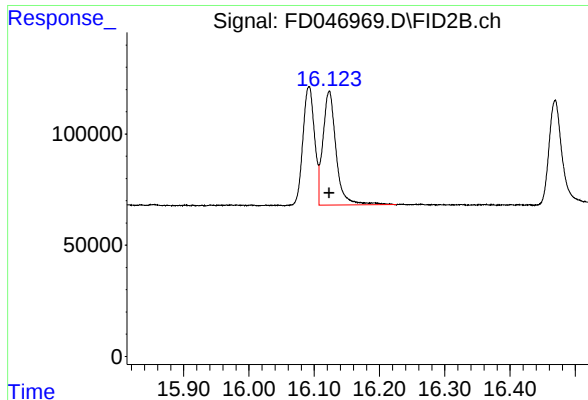
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.000 min
Response: 744043
Conc: 5.19 ug/ml



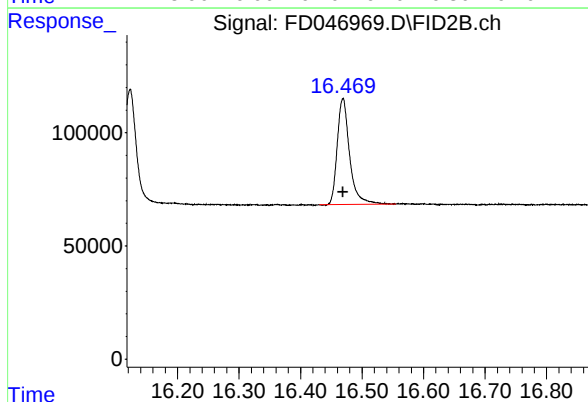
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.092 min
Delta R.T.: 0.000 min
Response: 656310
Conc: 4.91 ug/ml



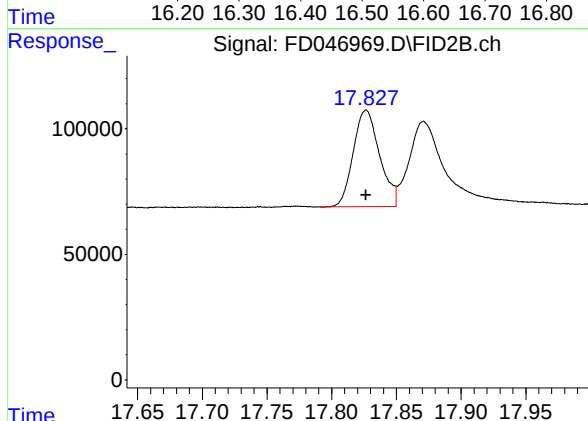
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min
Delta R.T.: 0.000 min
Response: 719601
Conc: 5.27 ug/ml



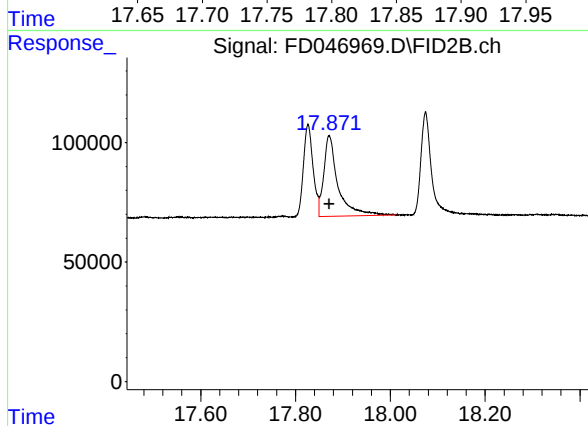
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 653149
Conc: 4.99 ug/ml



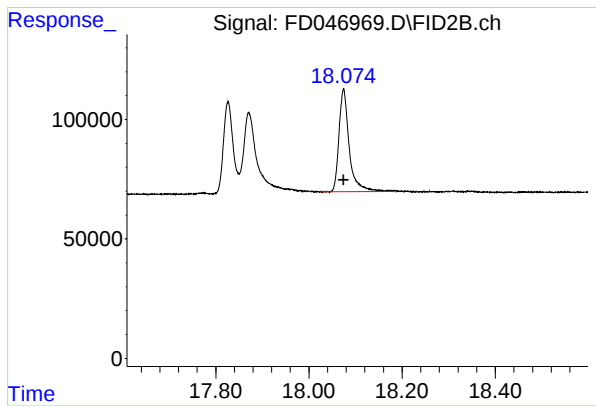
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.000 min
Response: 544417
Conc: 4.56 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 705866
Conc: 5.43 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 658554
Conc: 5.03 ug/ml