

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040124AR\
 Data File : FD047468.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 09:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 12:02:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 2024
 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...	7.461	3273749	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
6) S 2-Fluorobiphenyl (SURR)	8.315	2151643	20.221 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	11.351	3745931	20.072 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3466259	19.504 ug/ml
2) T Naphthalene (C11.7)	5.802	3585372	19.660 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	3620238	19.850 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3290433	19.736 ug/ml
7) T Acenaphthene (C15.5)	8.413	3497888	19.854 ug/ml
8) T Flouorene (C16.55)	9.191	3371094	20.013 ug/ml
9) T Phenanthrene (C19.36)	10.581	3292066	20.327 ug/ml
10) T Anthracene (C19.43)	10.655	2866721	19.479 ug/ml
12) T Fluoranthene (C21.85)	12.384	3256296	20.426 ug/ml
13) T Pyrene (C20.8)	12.678	3160194	20.427 ug/ml
14) T Benzo[a]anthracene (C...	14.543	2863391	21.123 ug/ml
15) T Chrysene (C27.41)	14.585	3065495	20.651 ug/ml
16) T benzo[b]fluoranthene ...	16.088	3049310	21.722 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	3051875	21.551 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	2993963	21.674 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	2957566	23.664 ug/ml
20) T Dibenz[a,h]anthracene...	17.864	2963936	22.475 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	3047485	22.681 ug/ml

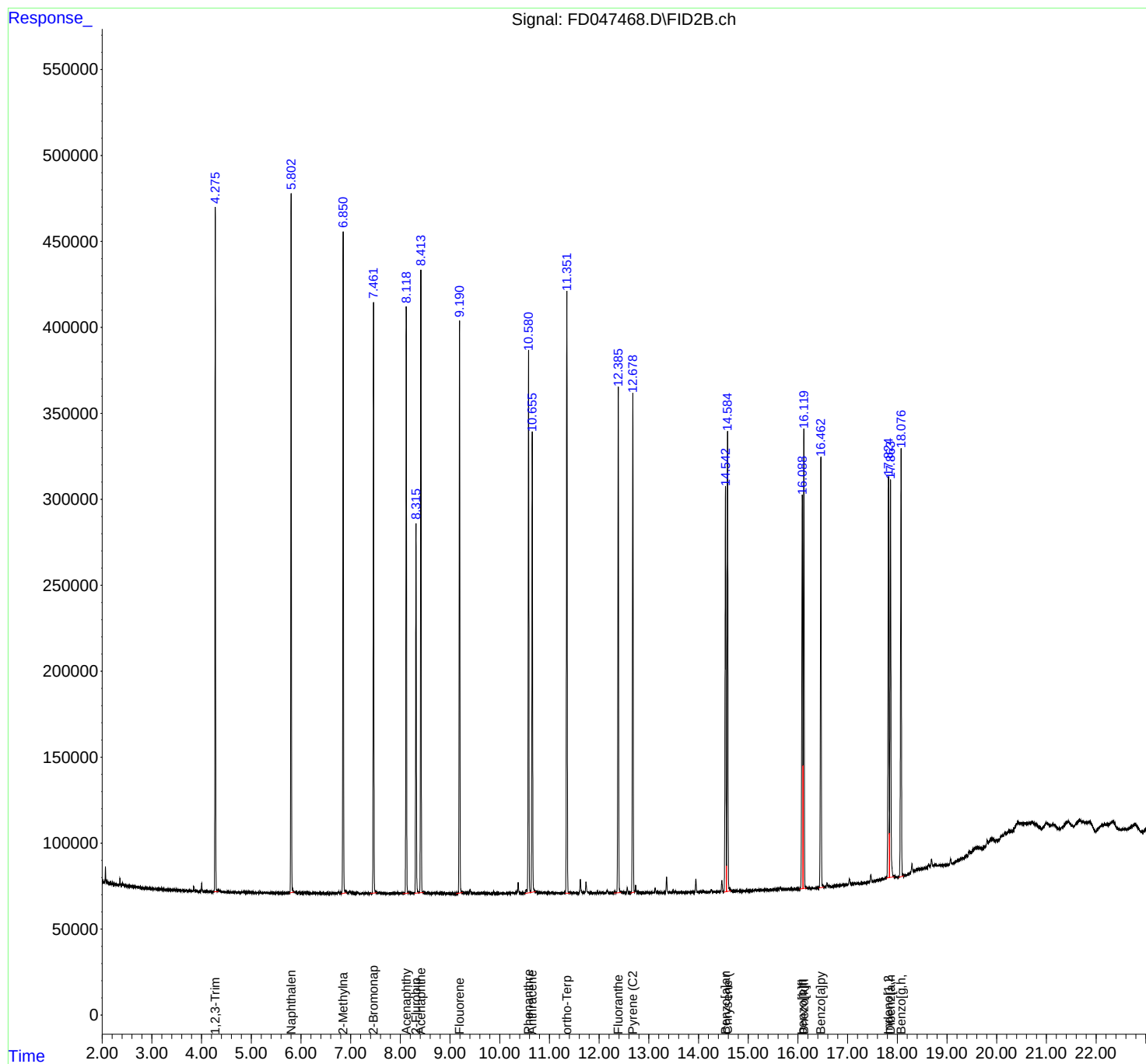
(f)=RT Delta > 1/2 Window

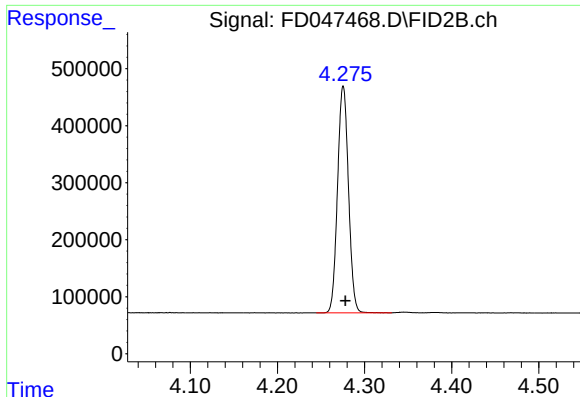
(m)=manual int.

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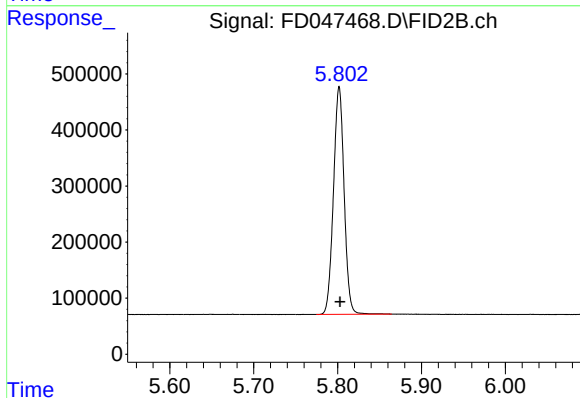
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





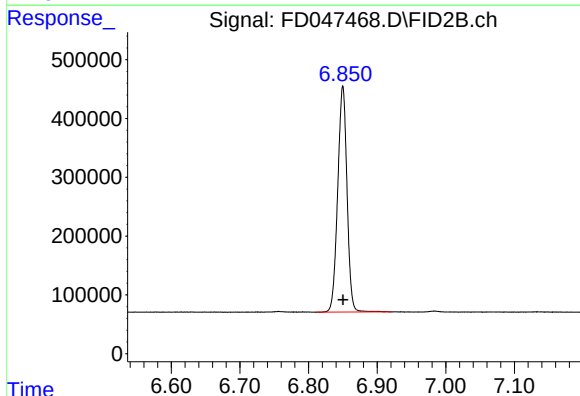
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: -0.002 min
Response: 3466259
Conc: 19.50 ug/ml



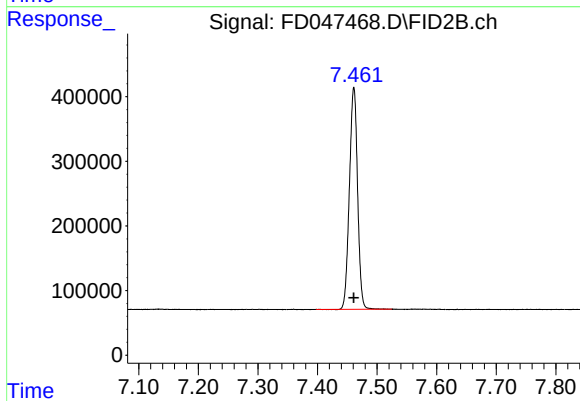
#2 Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: -0.001 min
Response: 3585372
Conc: 19.66 ug/ml



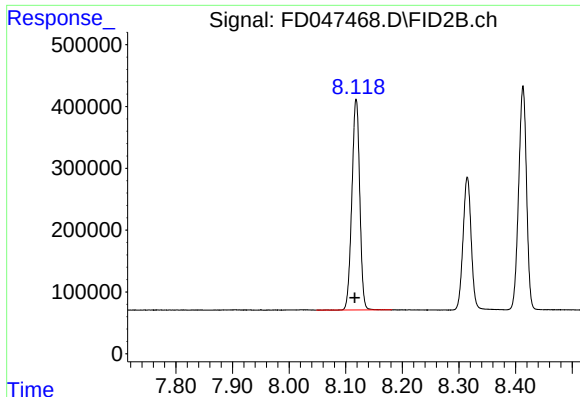
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 3620238
Conc: 19.85 ug/ml



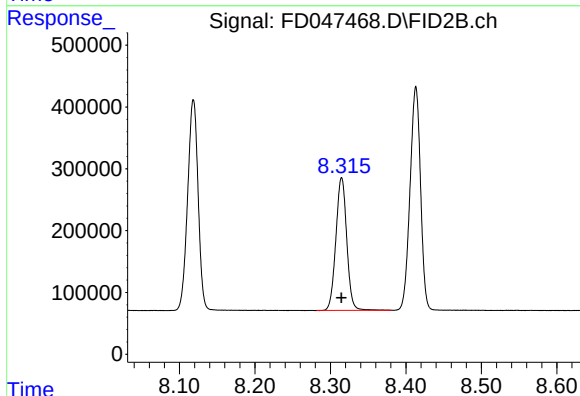
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 3273749
Conc: 19.82 ug/ml



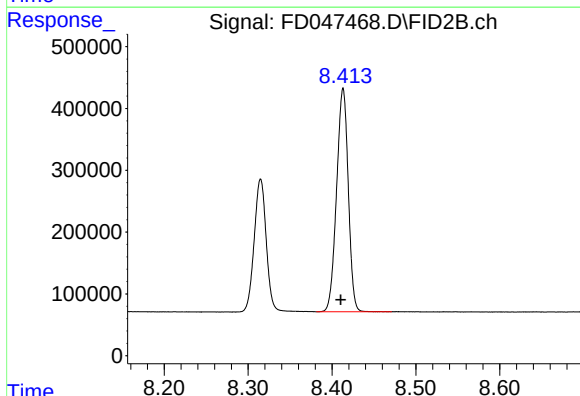
#5 Acenaphthylene (C15.06)

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 3290433
Conc: 19.74 ug/ml



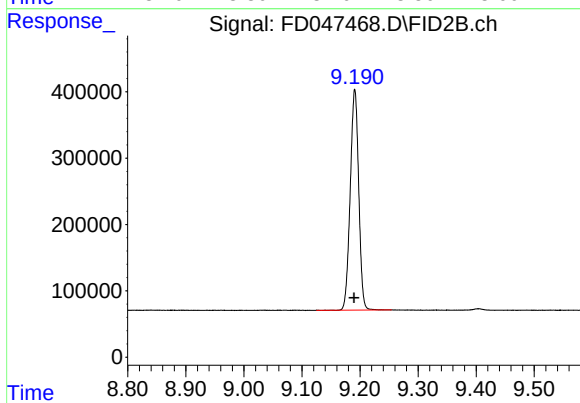
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 2151643
Conc: 20.22 ug/ml



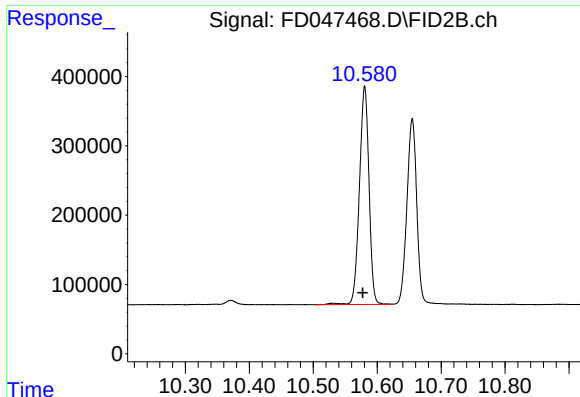
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 3497888
Conc: 19.85 ug/ml



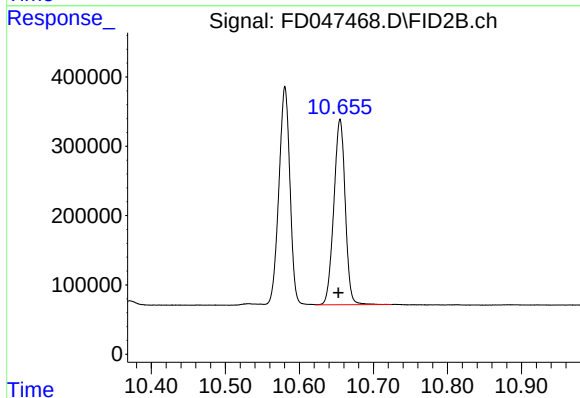
#8 Fluorene (C16.55)

R.T.: 9.191 min
Delta R.T.: 0.001 min
Response: 3371094
Conc: 20.01 ug/ml



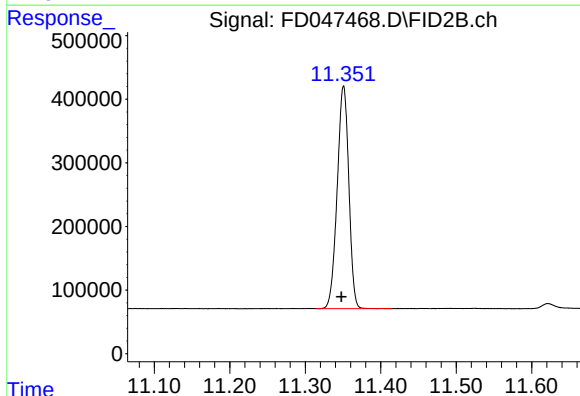
#9 Phenanthrene (C19.36)

R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 3292066
Conc: 20.33 ug/ml



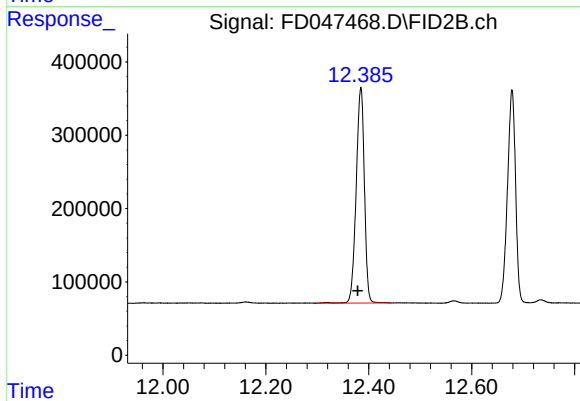
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.002 min
Response: 2866721
Conc: 19.48 ug/ml



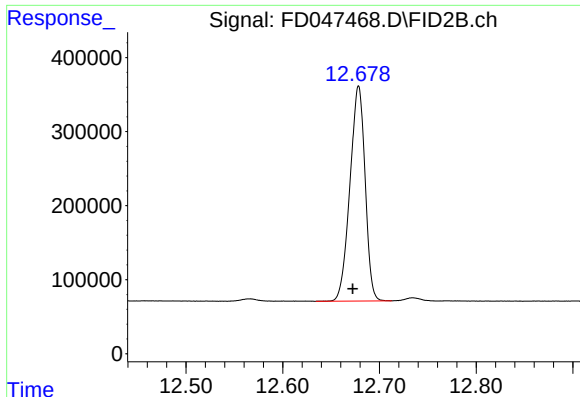
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.003 min
Response: 3745931
Conc: 20.07 ug/ml



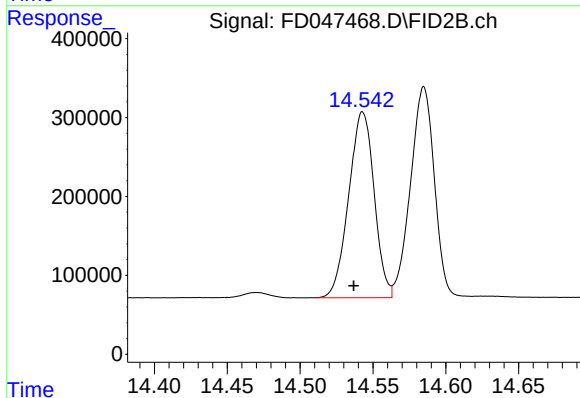
#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: 0.006 min
Response: 3256296
Conc: 20.43 ug/ml



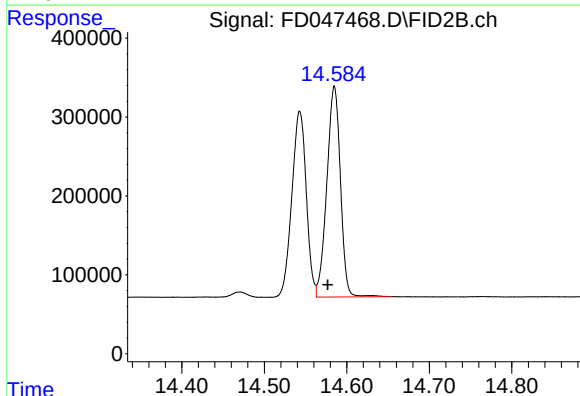
#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: 0.006 min
Response: 3160194
Conc: 20.43 ug/ml



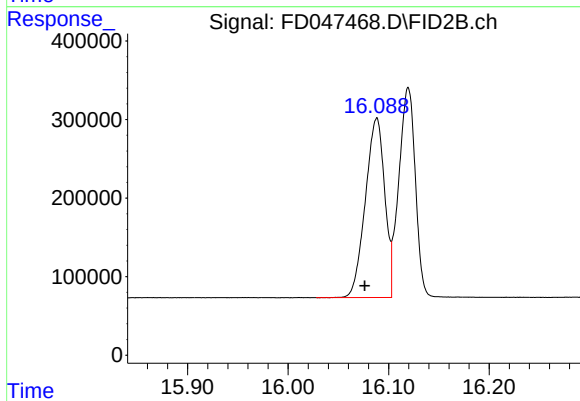
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.006 min
Response: 2863391
Conc: 21.12 ug/ml



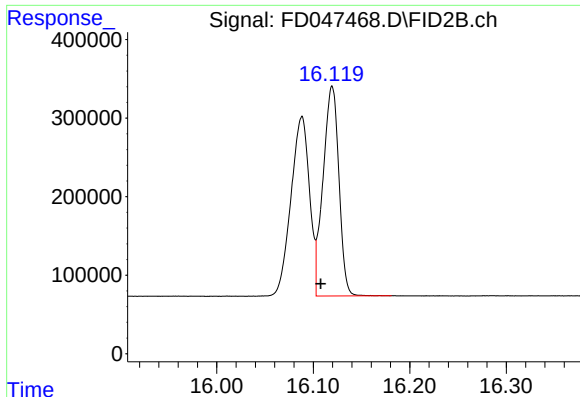
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.008 min
Response: 3065495
Conc: 20.65 ug/ml



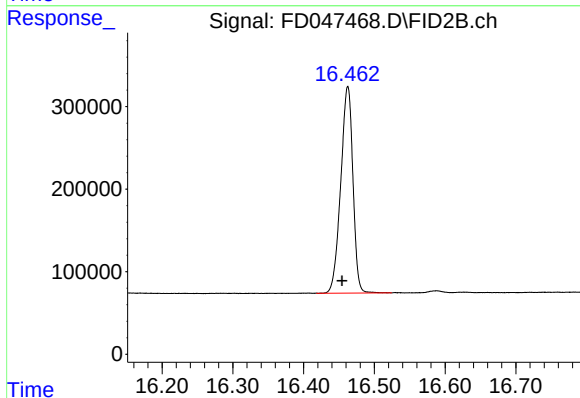
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.012 min
Response: 3049310
Conc: 21.72 ug/ml



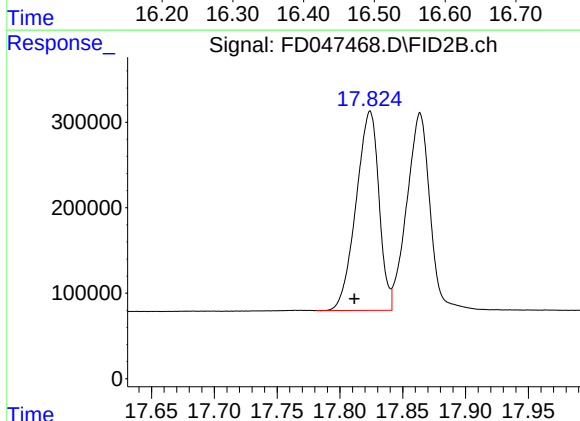
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.011 min
Response: 3051875
Conc: 21.55 ug/ml



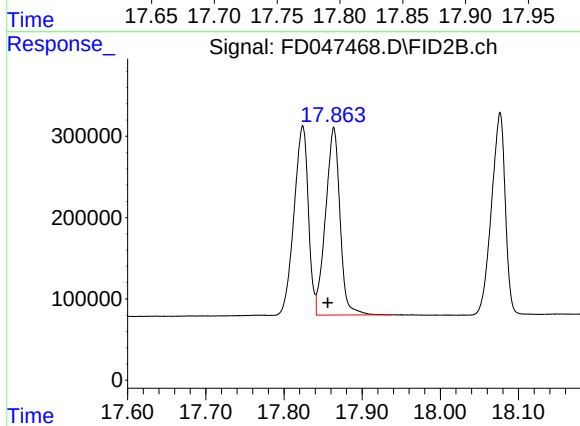
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.008 min
Response: 2993963
Conc: 21.67 ug/ml



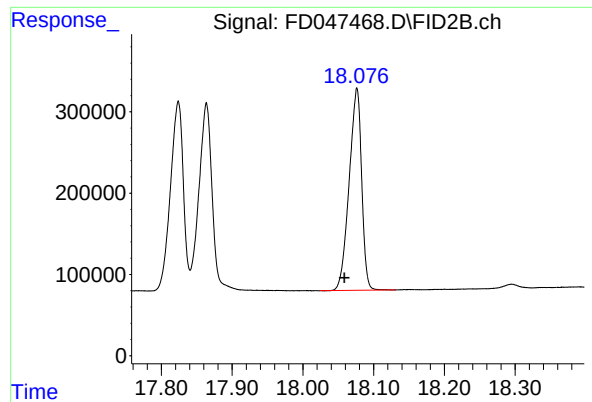
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.012 min
Response: 2957566
Conc: 23.66 ug/ml



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

R.T.: 17.864 min
Delta R.T.: 0.008 min
Response: 2963936
Conc: 22.48 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.017 min
Response: 3047485
Conc: 22.68 ug/ml