

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047141.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 17:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:35:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.468	3243145	21.084 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
6) S 2-Fluorobiphenyl (SURR)	8.321	2177990	21.319 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.64%
11) S ortho-Terphenyl (SURR)	11.358	3774610	21.185 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	3335114	21.408 ug/ml
2) T Naphthalene (C11.7)	5.809	3532816	21.089 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	3585579	21.150 ug/ml
5) T Acenaphthylene (C15.06)	8.125	3279317	21.154 ug/ml
7) T Acenaphthene (C15.5)	8.419	3498065	21.183 ug/ml
8) T Flouorene (C16.55)	9.198	3409591	21.364 ug/ml
9) T Phenanthrene (C19.36)	10.586	3329268	21.032 ug/ml
10) T Anthracene (C19.43)	10.659	2438653	15.908 ug/ml
12) T Fluoranthene (C21.85)	12.389	3443854	21.586 ug/ml
13) T Pyrene (C20.8)	12.683	3295211	21.318 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2966021	21.127 ug/ml
15) T Chrysene (C27.41)	14.588	3265819	21.086 ug/ml
16) T benzo[b]fluoranthene ...	16.088	3117325	21.490 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	3121851	21.177 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	3035711	21.236 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2880101	22.348 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	3058916	21.577 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2983558	21.743 ug/ml

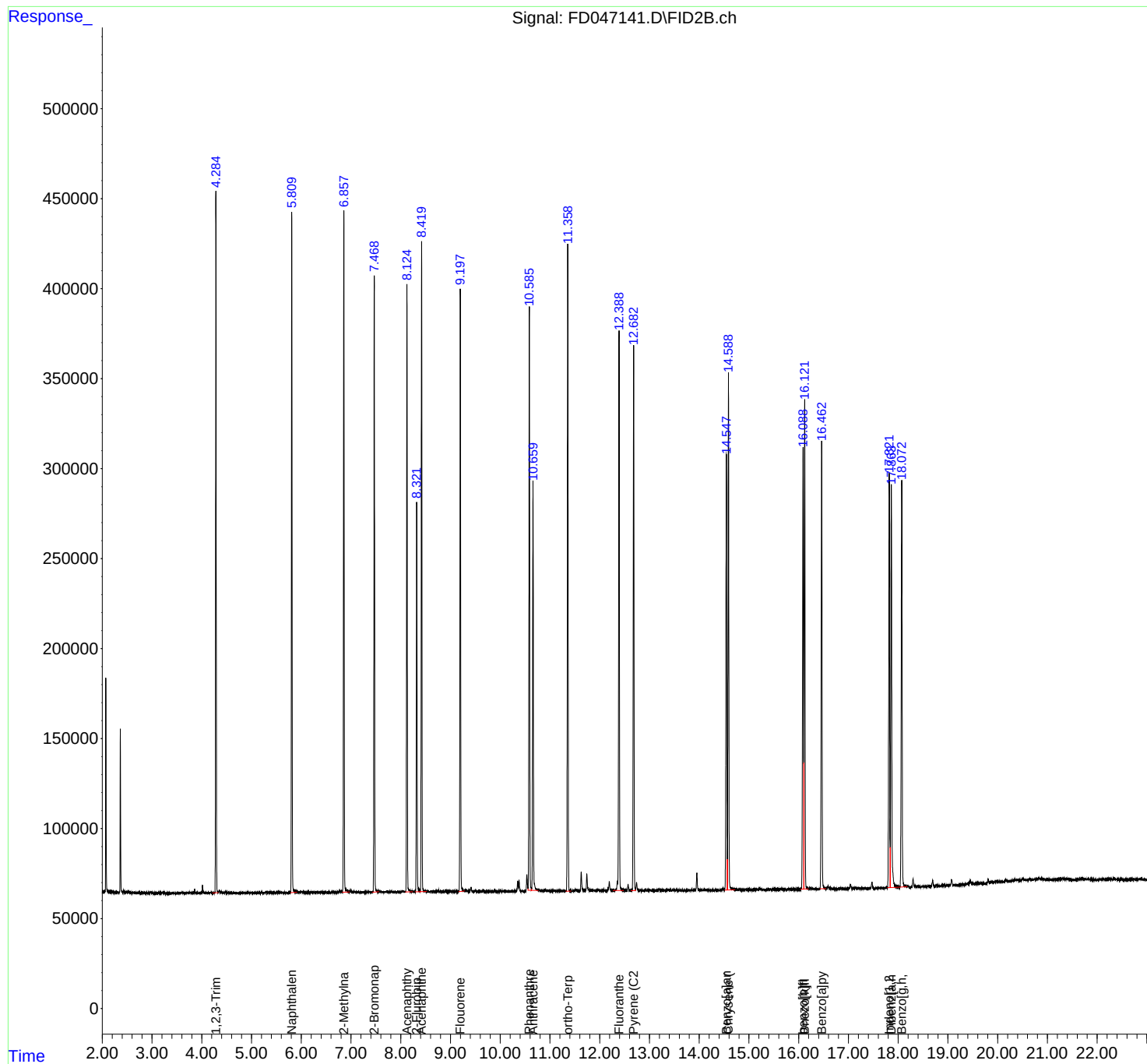
(f)=RT Delta > 1/2 Window

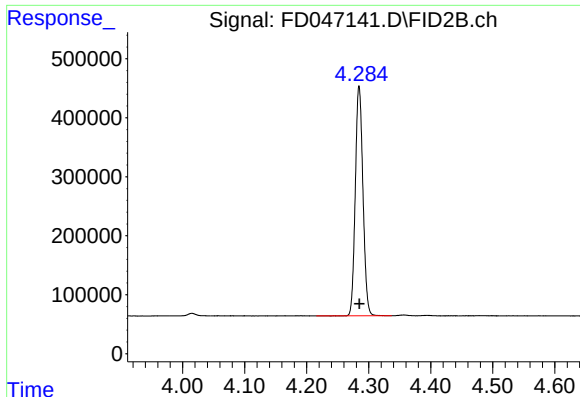
(m)=manual int.

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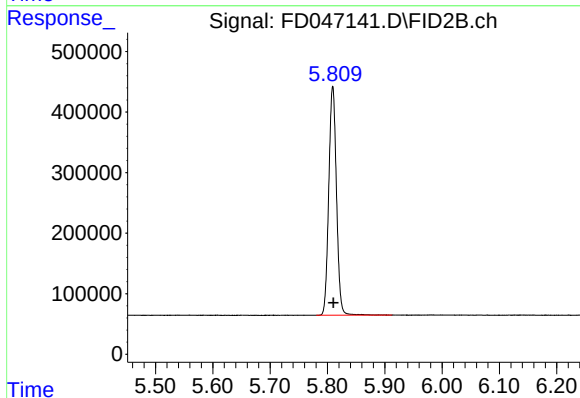
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





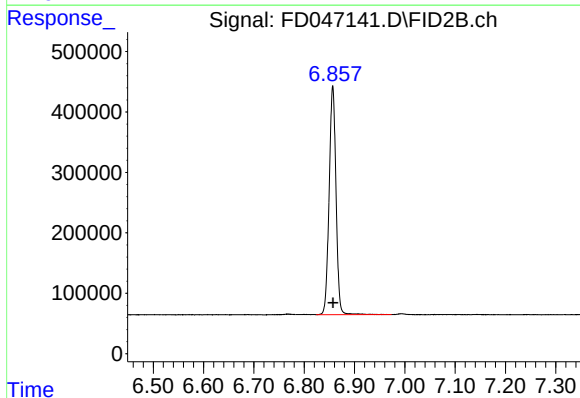
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 3335114
Conc: 21.41 ug/ml



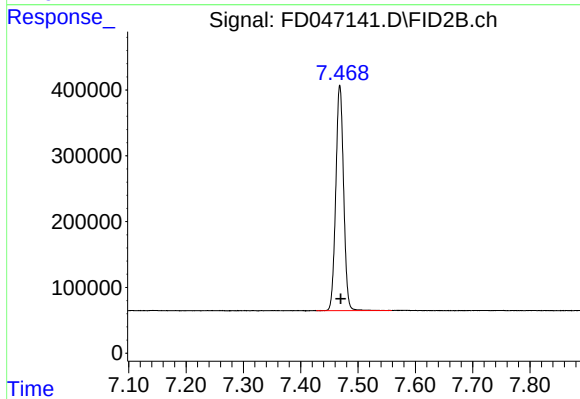
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 3532816
Conc: 21.09 ug/ml



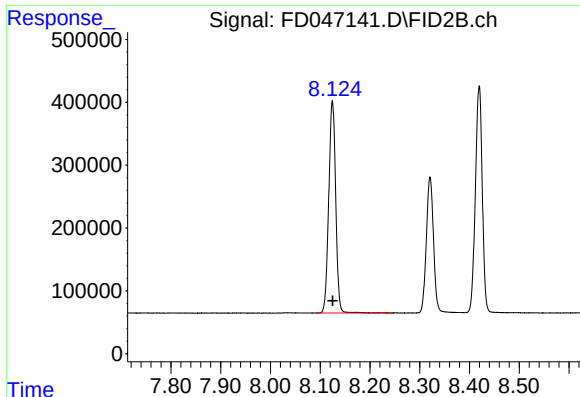
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 3585579
Conc: 21.15 ug/ml



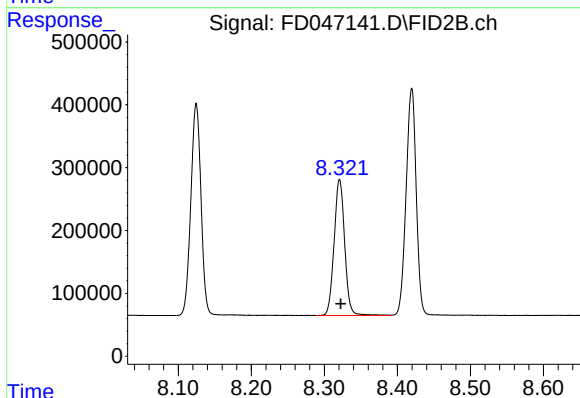
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 3243145
Conc: 21.08 ug/ml



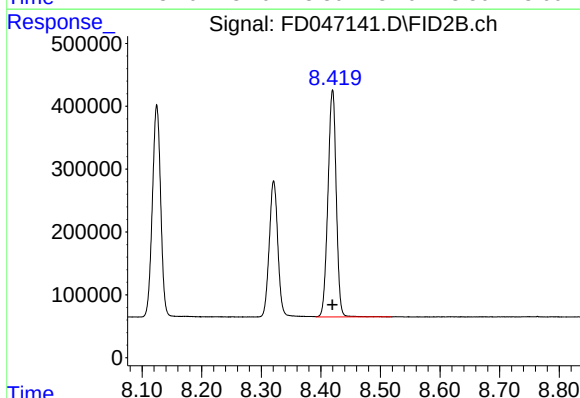
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 3279317
Conc: 21.15 ug/ml



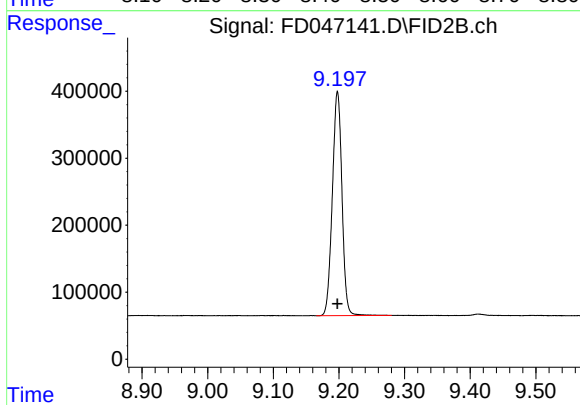
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: -0.001 min
Response: 2177990
Conc: 21.32 ug/ml



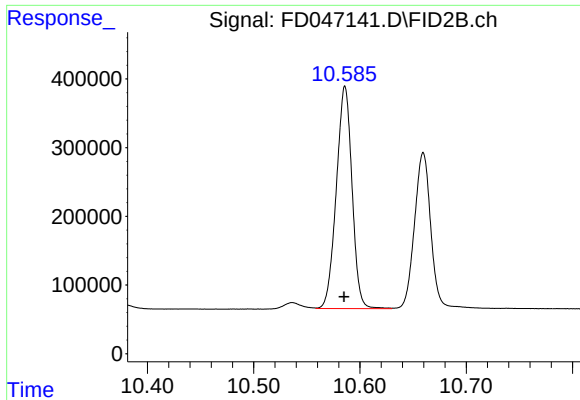
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3498065
Conc: 21.18 ug/ml



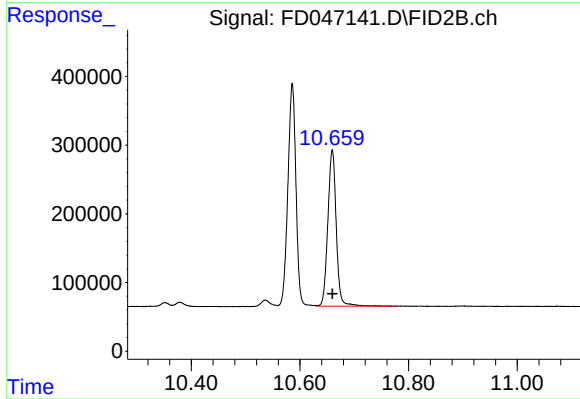
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3409591
Conc: 21.36 ug/ml



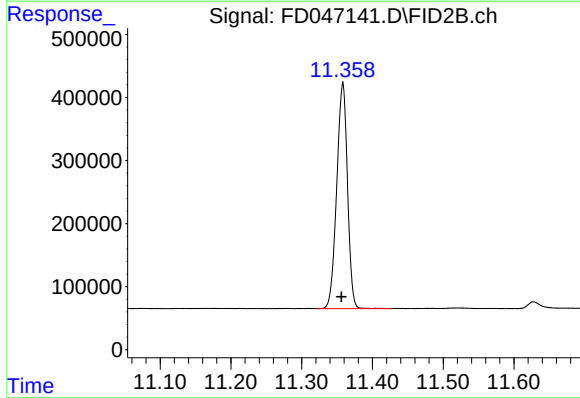
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 3329268
Conc: 21.03 ug/ml



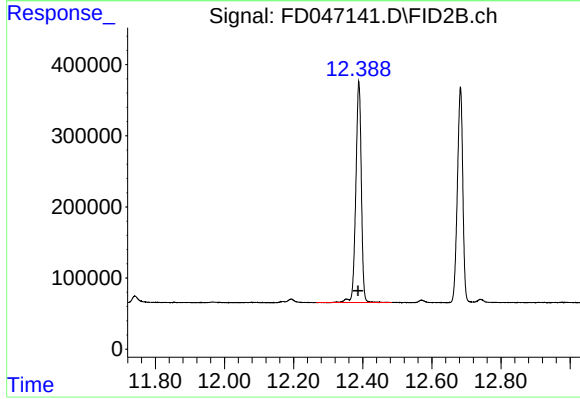
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 2438653
Conc: 15.91 ug/ml



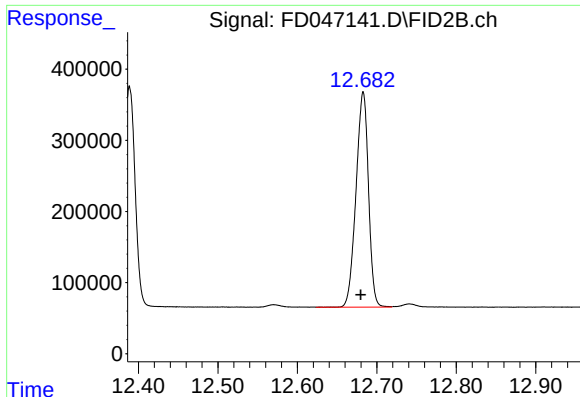
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.002 min
Response: 3774610
Conc: 21.19 ug/ml



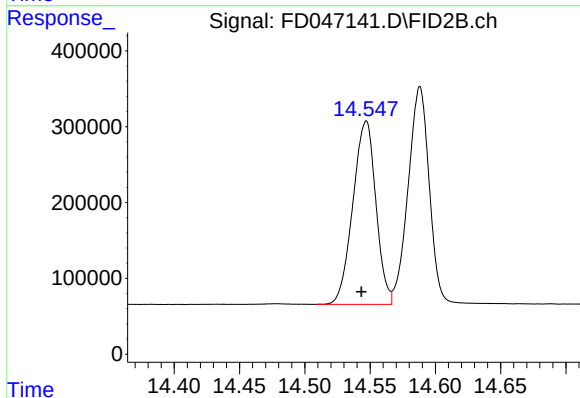
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.002 min
Response: 3443854
Conc: 21.59 ug/ml



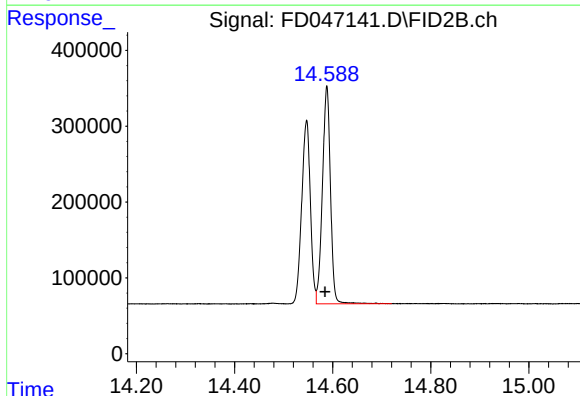
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 3295211
Conc: 21.32 ug/ml



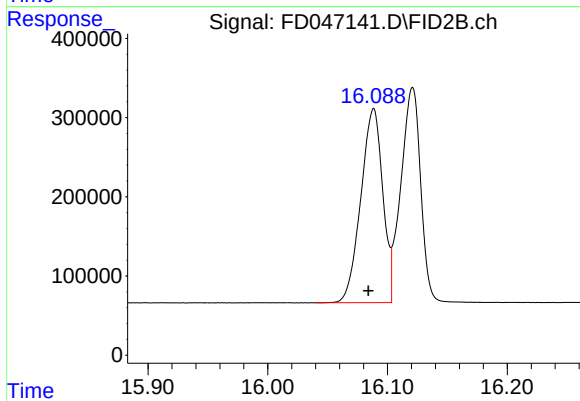
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 2966021
Conc: 21.13 ug/ml



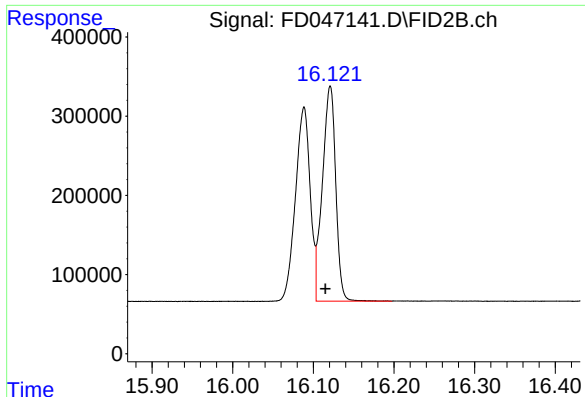
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.004 min
Response: 3265819
Conc: 21.09 ug/ml



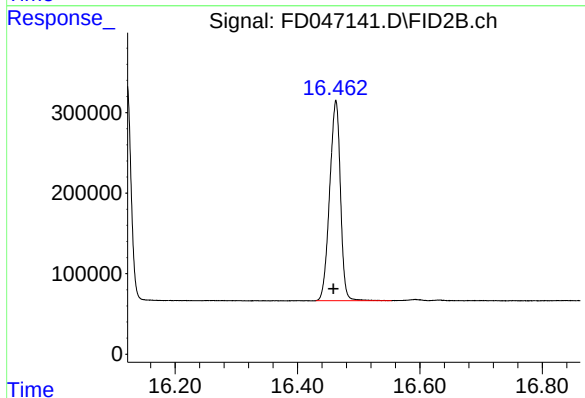
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.004 min
Response: 3117325
Conc: 21.49 ug/ml



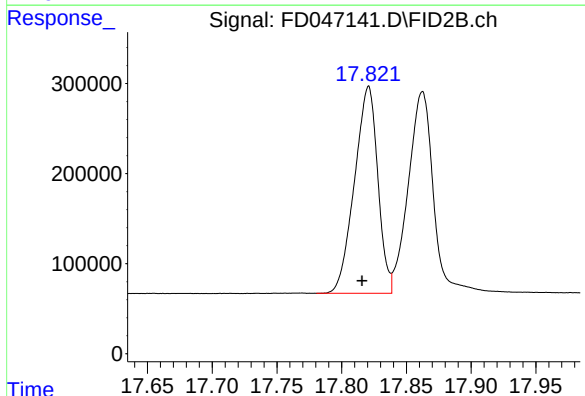
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.006 min
Response: 3121851
Conc: 21.18 ug/ml



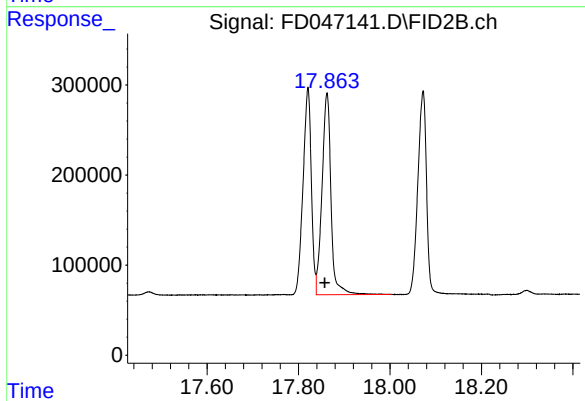
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.004 min
Response: 3035711
Conc: 21.24 ug/ml



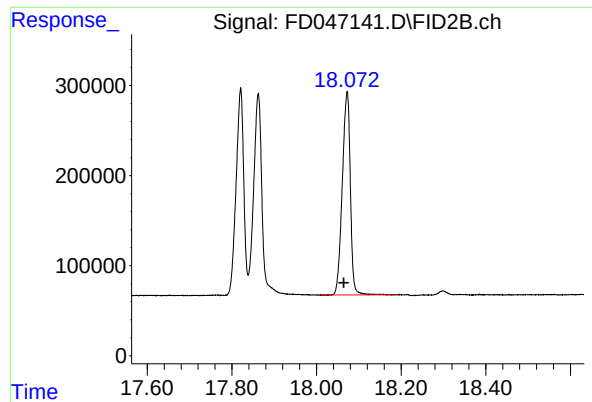
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.005 min
Response: 2880101
Conc: 22.35 ug/ml



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

R.T.: 17.862 min
Delta R.T.: 0.005 min
Response: 3058916
Conc: 21.58 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.007 min
Response: 2983558
Conc: 21.74 ug/ml