

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047154.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 19:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc : LOQ 5 PPM
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 06:41:55 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...	7.469	3028335	19.688 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.322	2033717	19.907 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.81%
11) S ortho-Terphenyl (SURR)	11.358	3547981	19.913 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	3103565	19.922 ug/ml
2) T Naphthalene (C11.7)	5.809	3303547	19.720 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	3357991	19.808 ug/ml
5) T Acenaphthylene (C15.06)	8.125	3081399	19.877 ug/ml
7) T Acenaphthene (C15.5)	8.420	3285320	19.894 ug/ml
8) T Flouorene (C16.55)	9.198	3209958	20.113 ug/ml
9) T Phenanthrene (C19.36)	10.586	3153009	19.919 ug/ml
10) T Anthracene (C19.43)	10.660	3004851	19.602 ug/ml
12) T Fluoranthene (C21.85)	12.389	3151426	19.753 ug/ml
13) T Pyrene (C20.8)	12.683	3070659	19.865 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2778823	19.794 ug/ml
15) T Chrysene (C27.41)	14.589	3027158	19.545 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2824263	19.470 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	2861892	19.414 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2789483	19.514 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	2527914	19.615 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	2697323	19.027 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2680856	19.537 ug/ml

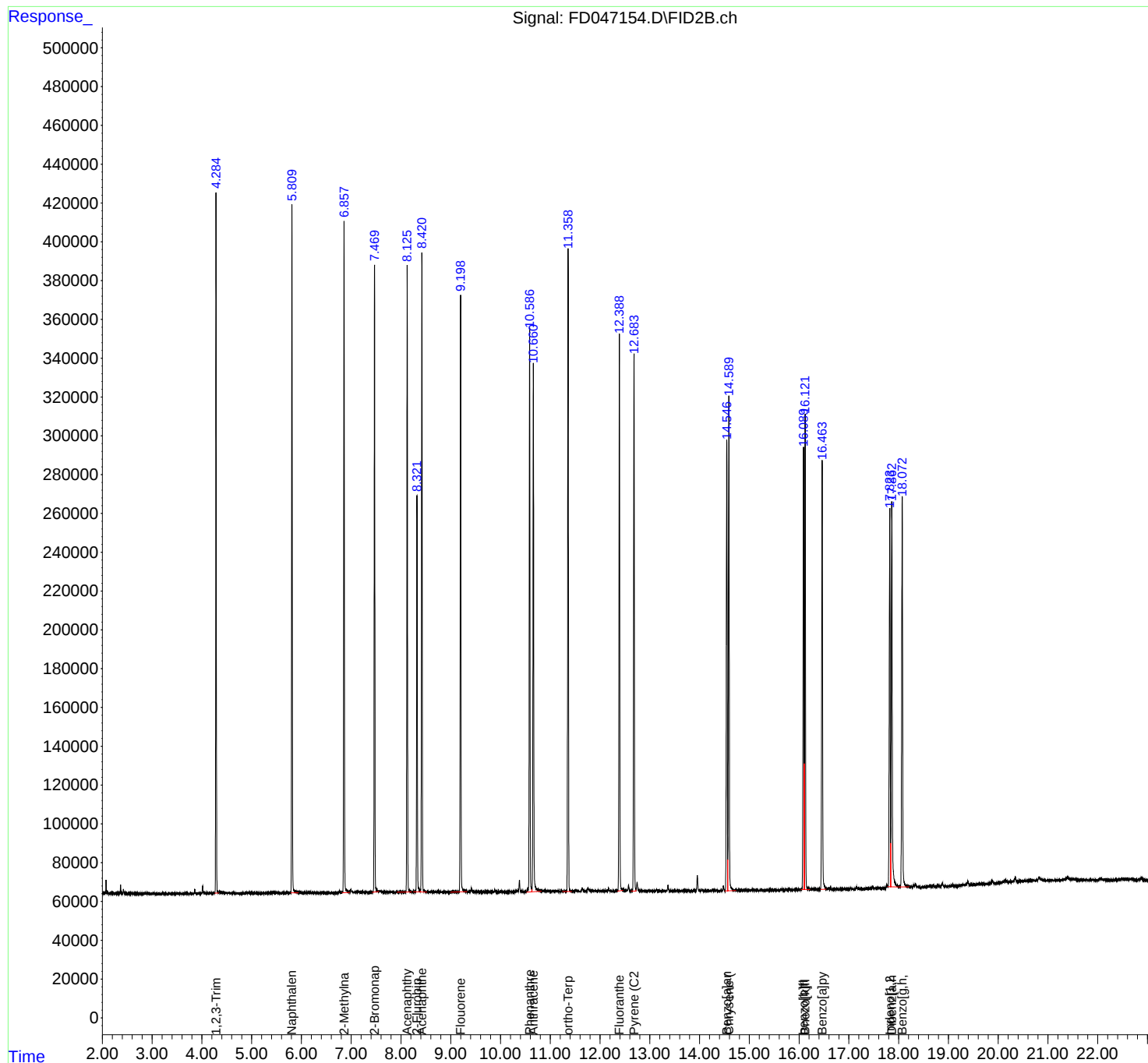
(f)=RT Delta > 1/2 Window

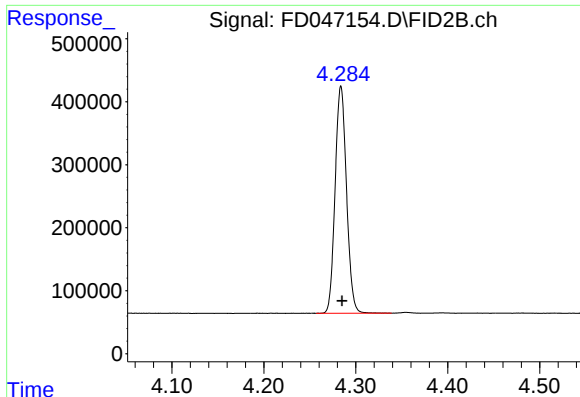
(m)=manual int.

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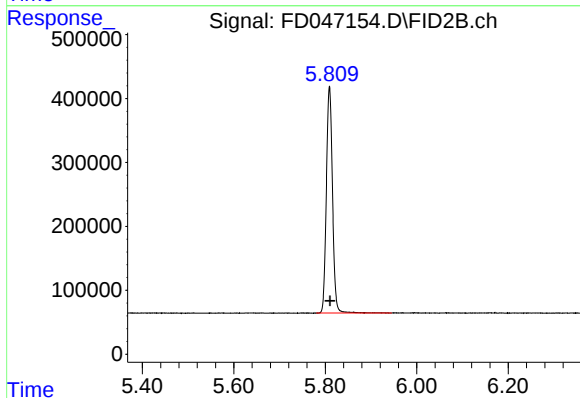
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Signal Info : 20M x 0.18mm x 0.18µm





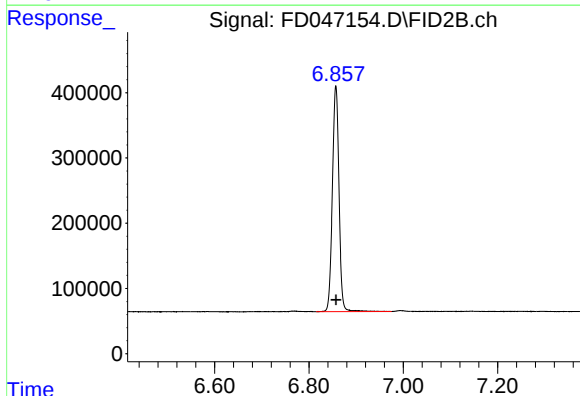
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: -0.001 min
Response: 3103565
Conc: 19.92 ug/ml



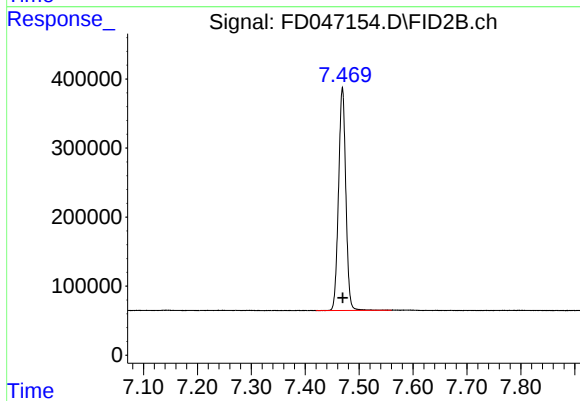
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 3303547
Conc: 19.72 ug/ml



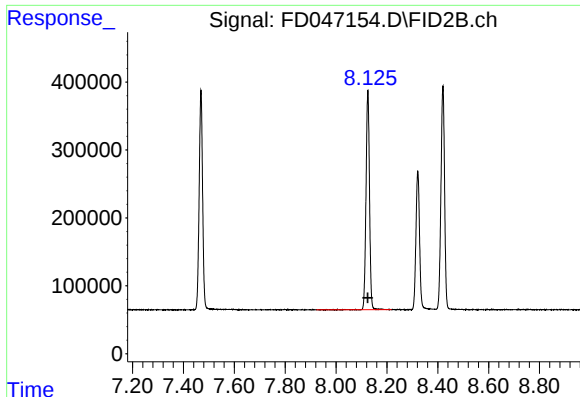
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 3357991
Conc: 19.81 ug/ml



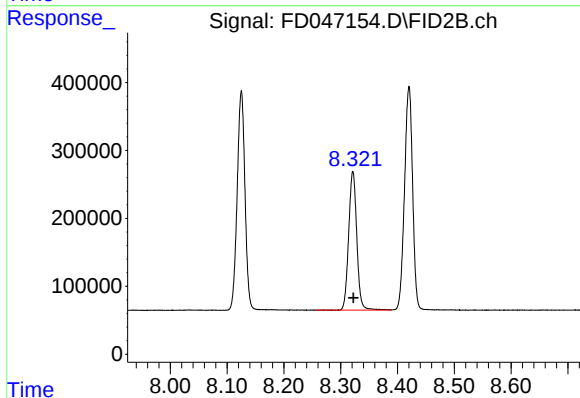
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 3028335
Conc: 19.69 ug/ml



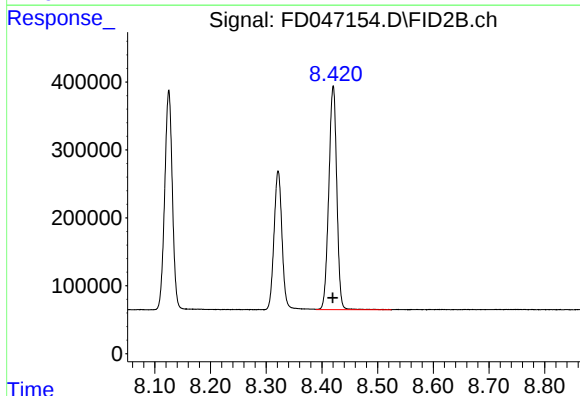
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 3081399
Conc: 19.88 ug/ml



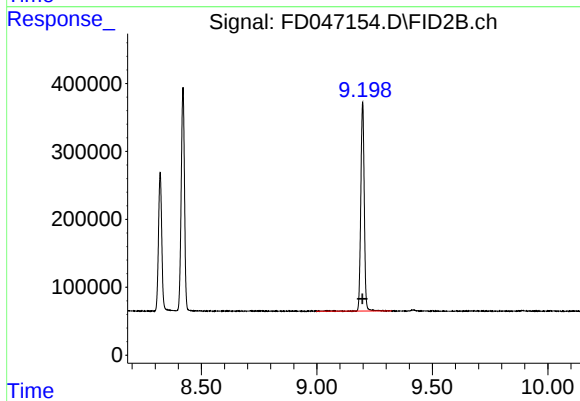
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2033717
Conc: 19.91 ug/ml



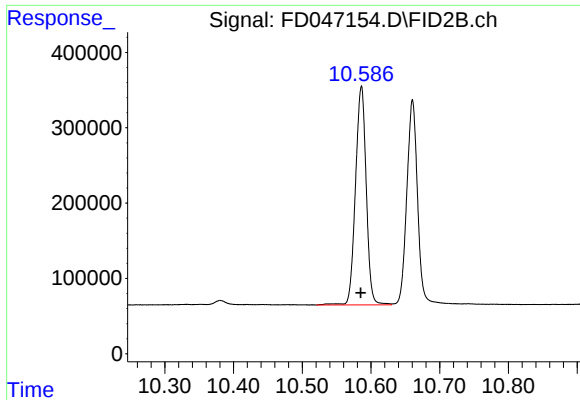
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3285320
Conc: 19.89 ug/ml



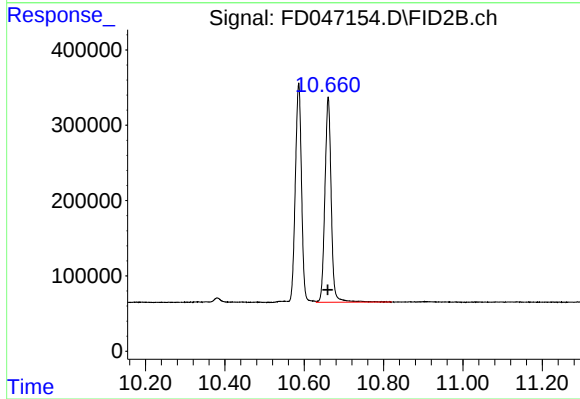
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3209958
Conc: 20.11 ug/ml



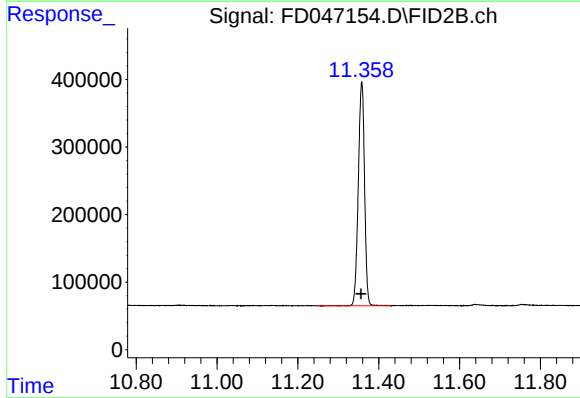
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 3153009
Conc: 19.92 ug/ml



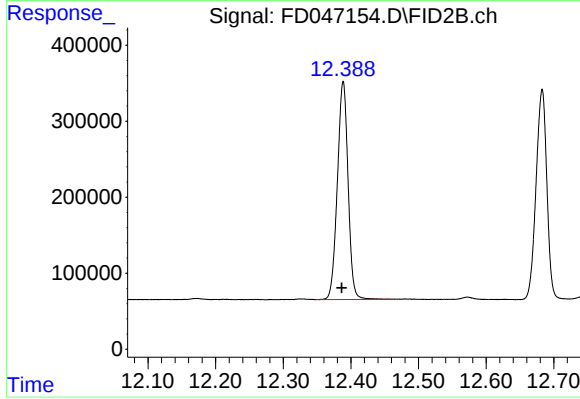
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 3004851
Conc: 19.60 ug/ml



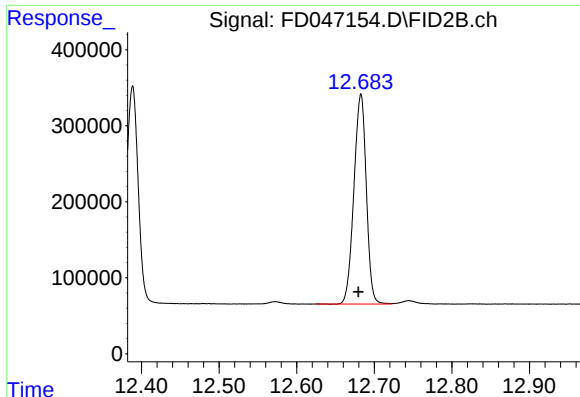
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.001 min
Response: 3547981
Conc: 19.91 ug/ml



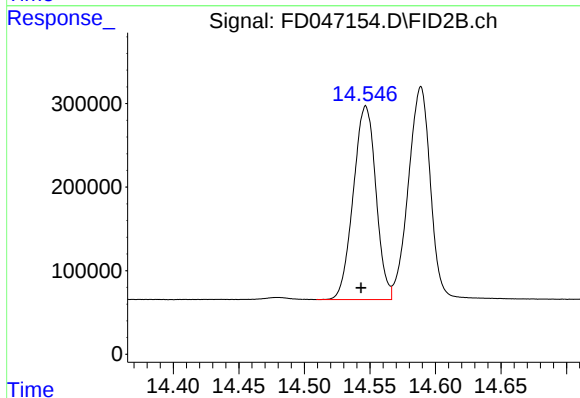
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.002 min
Response: 3151426
Conc: 19.75 ug/ml



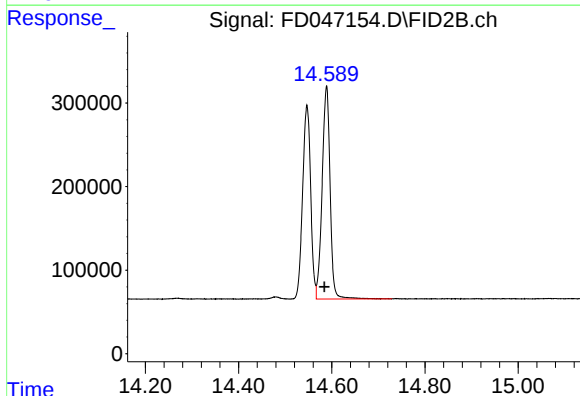
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 3070659
Conc: 19.87 ug/ml



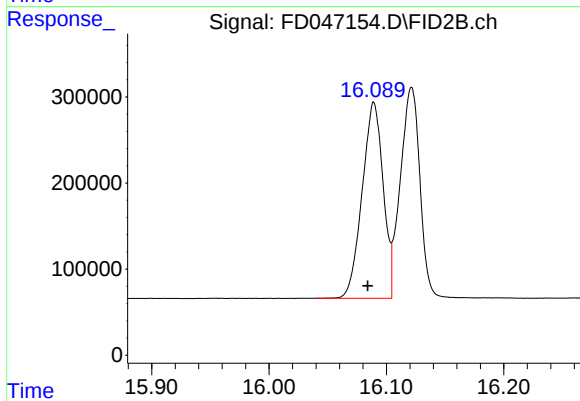
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 2778823
Conc: 19.79 ug/ml



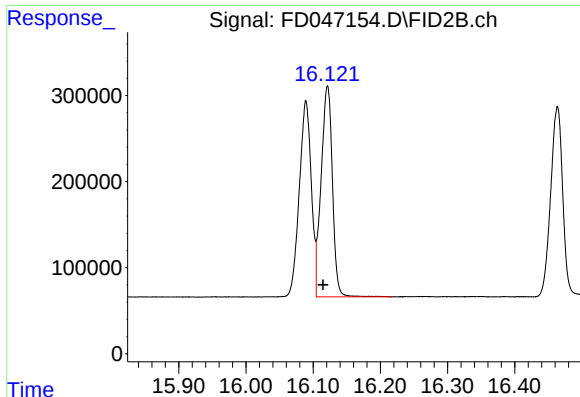
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.004 min
Response: 3027158
Conc: 19.55 ug/ml



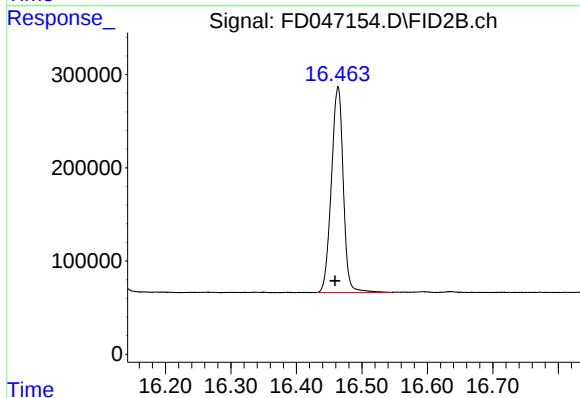
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.089 min
Delta R.T.: 0.005 min
Response: 2824263
Conc: 19.47 ug/ml



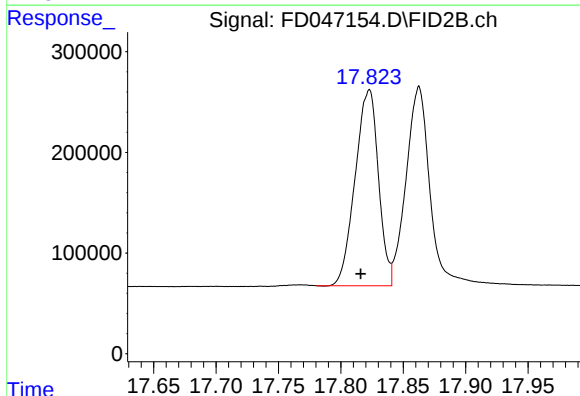
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.006 min
Response: 2861892
Conc: 19.41 ug/ml



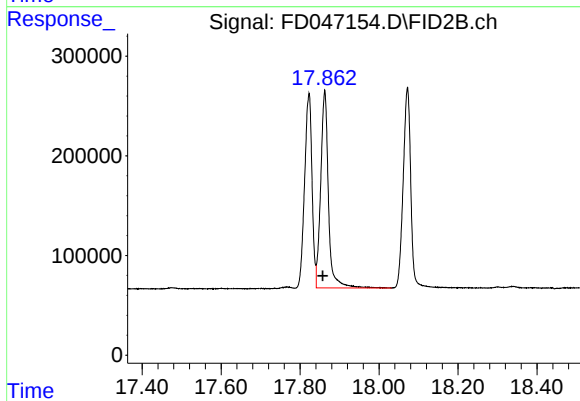
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.004 min
Response: 2789483
Conc: 19.51 ug/ml



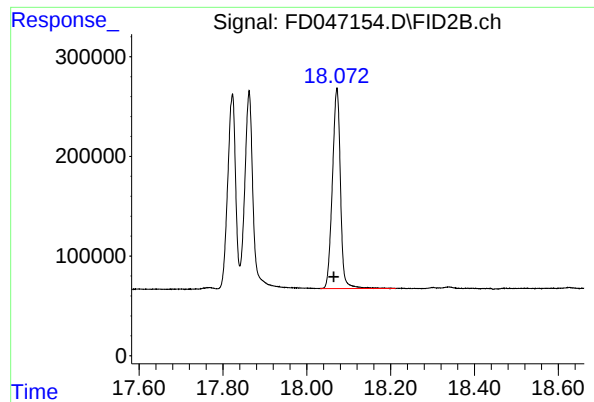
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.006 min
Response: 2527914
Conc: 19.61 ug/ml



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

R.T.: 17.862 min
Delta R.T.: 0.005 min
Response: 2697323
Conc: 19.03 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.007 min
Response: 2680856
Conc: 19.54 ug/ml