

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030424AR\
 Data File : FD047376.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2024 10:31
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 12:10:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 12:05:47 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...	7.463	7983823	49.964 ug/ml
Spiked Amount 50.000		Recovery =	99.93%
6) S 2-Fluorobiphenyl (SURR)	8.316	5284903	50.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.35%
11) S ortho-Terphenyl (SURR)	11.353	8975854	50.015 ug/ml
Spiked Amount 50.000		Recovery =	100.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	8486120	49.907 ug/ml
2) T Naphthalene (C11.7)	5.804	8817496	50.003 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	8831961	50.024 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8025911	49.946 ug/ml
7) T Acenaphthene (C15.5)	8.416	8486667	49.968 ug/ml
8) T Fluorene (C16.55)	9.194	8249186	50.126 ug/ml
9) T Phenanthrene (C19.36)	10.582	8038216	50.595 ug/ml
10) T Anthracene (C19.43)	10.657	7372135	50.586 ug/ml
12) T Fluoranthene (C21.85)	12.385	7815633	50.218 ug/ml
13) T Pyrene (C20.8)	12.679	7582361	50.315 ug/ml
14) T Benzo[a]anthracene (C...	14.543	6822928	50.578 ug/ml
15) T Chrysene (C27.41)	14.587	7187813	50.436 ug/ml
16) T benzo[b]fluoranthene ...	16.086	6935992	50.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	6833959	50.369 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	6740717	50.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	6493244	50.596 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	6391013	51.002 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	6598990	50.389 ug/ml

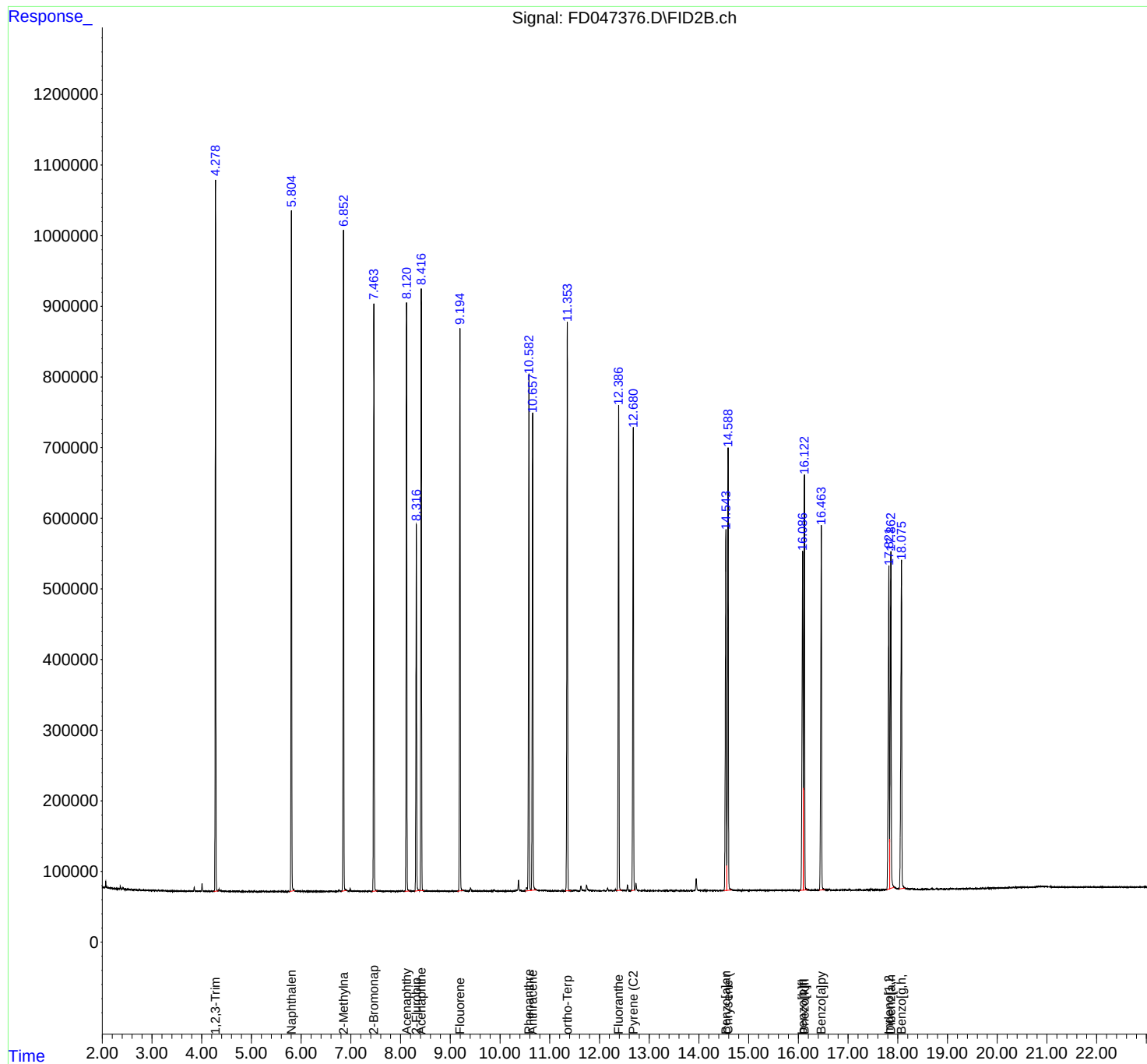
(f)=RT Delta > 1/2 Window

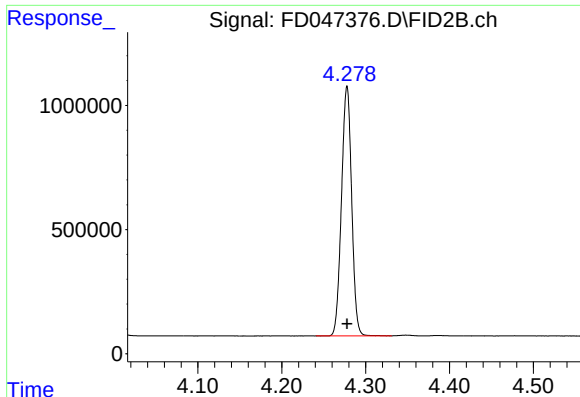
(m)=manual int.

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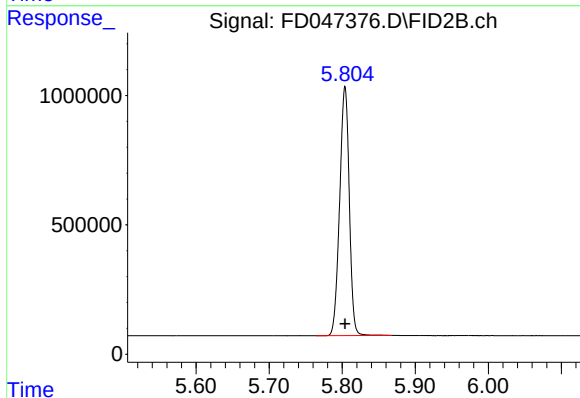
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Signal Info : 20M x 0.18mm x 0.18µm





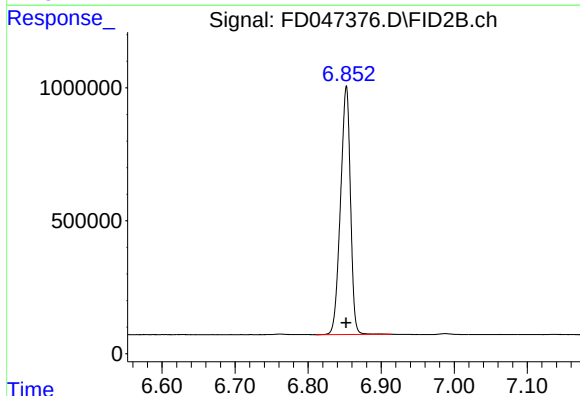
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 8486120
Conc: 49.91 ug/ml



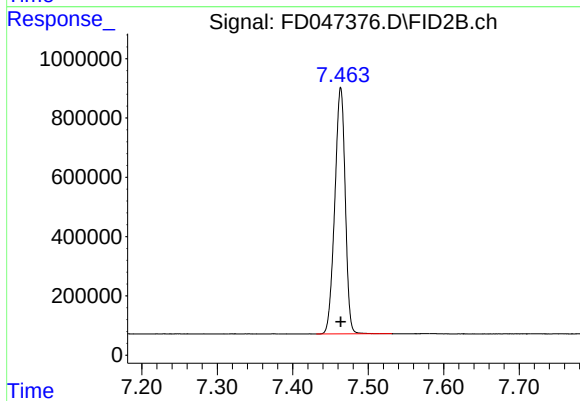
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 8817496
Conc: 50.00 ug/ml



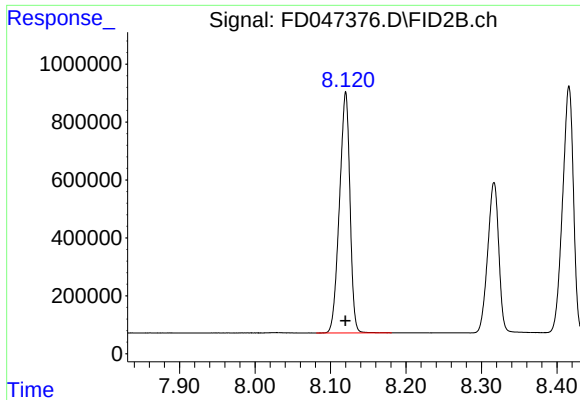
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 8831961
Conc: 50.02 ug/ml



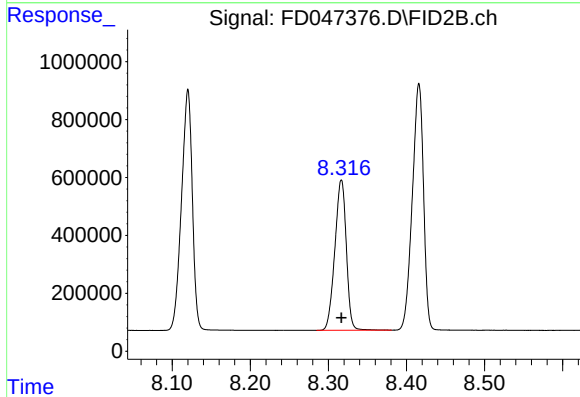
#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 7983823
Conc: 49.96 ug/ml



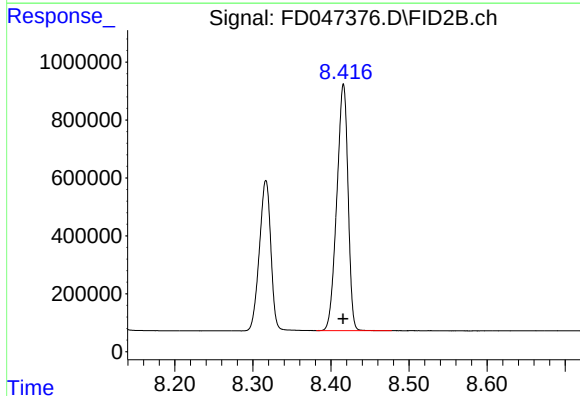
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 8025911
Conc: 49.95 ug/ml



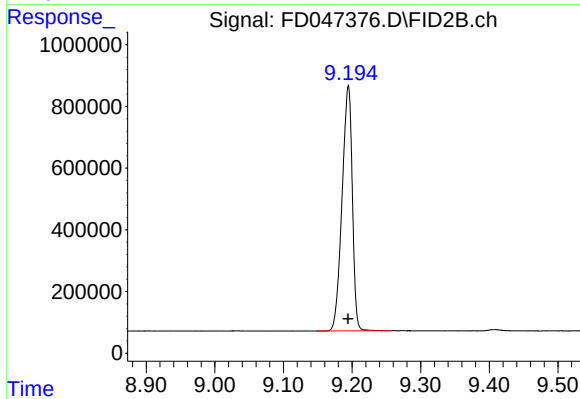
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 5284903
Conc: 50.17 ug/ml



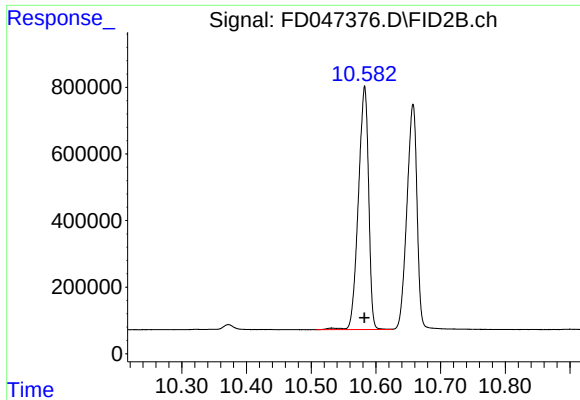
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 8486667
Conc: 49.97 ug/ml



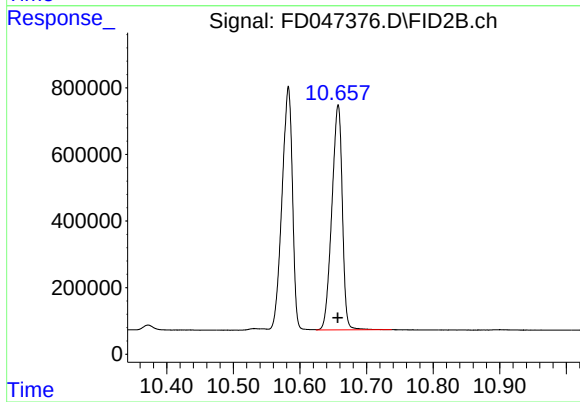
#8 Fluorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.000 min
Response: 8249186
Conc: 50.13 ug/ml



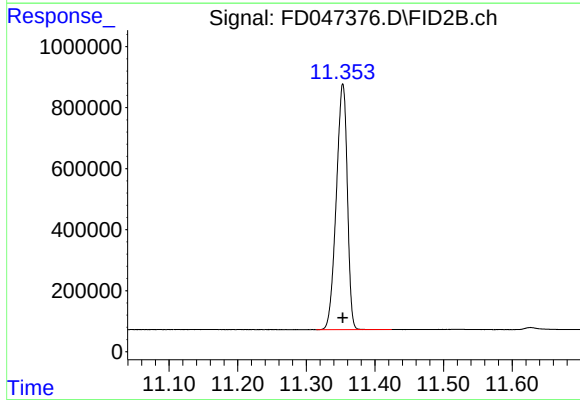
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 8038216
Conc: 50.60 ug/ml



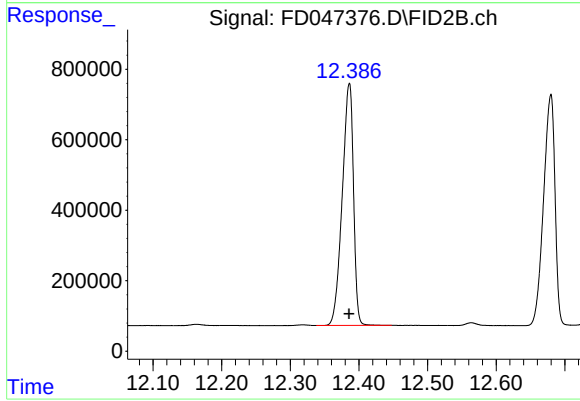
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.000 min
Response: 7372135
Conc: 50.59 ug/ml



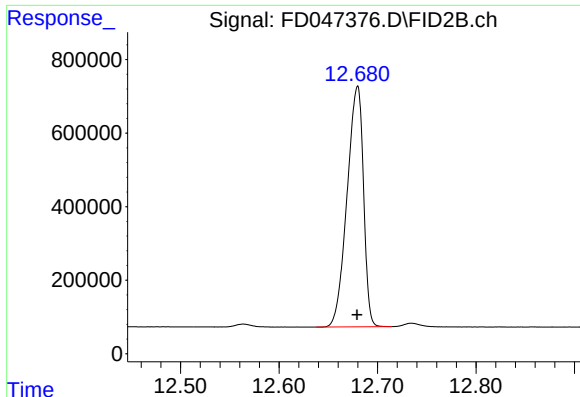
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 8975854
Conc: 50.02 ug/ml



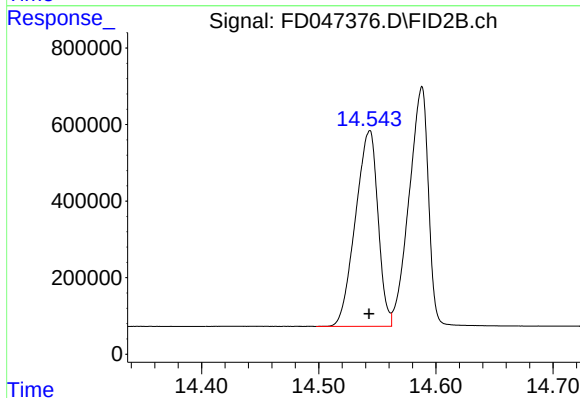
#12 Fluoranthene (C21.85)

R.T.: 12.385 min
Delta R.T.: 0.000 min
Response: 7815633
Conc: 50.22 ug/ml



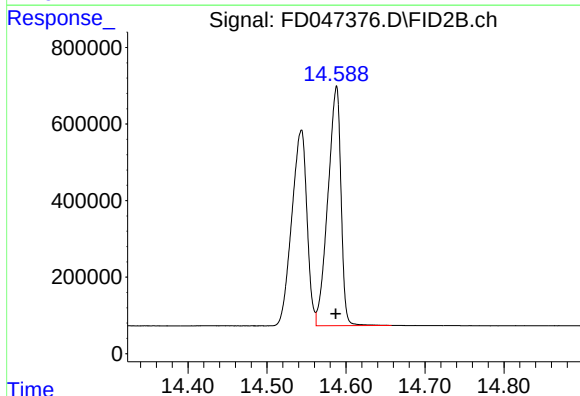
#13 Pyrene (C20.8)

R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 7582361
Conc: 50.32 ug/ml



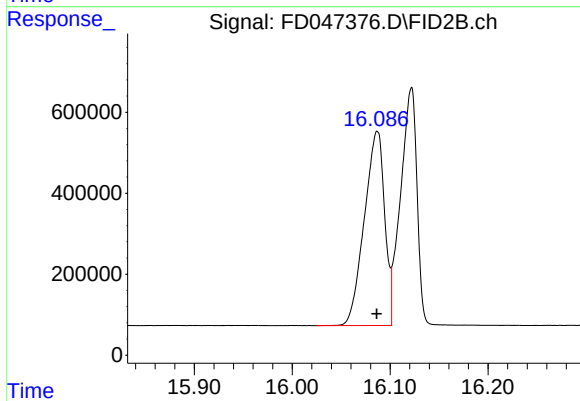
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 6822928
Conc: 50.58 ug/ml



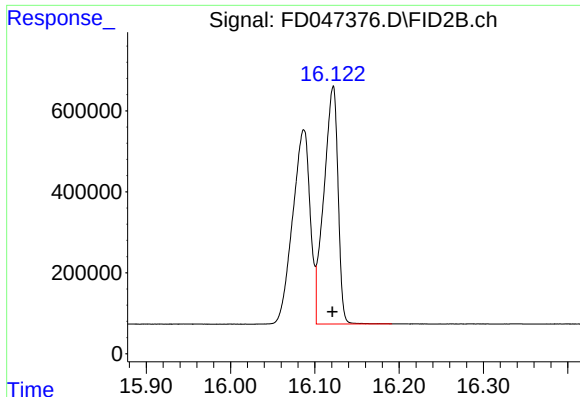
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 7187813
Conc: 50.44 ug/ml



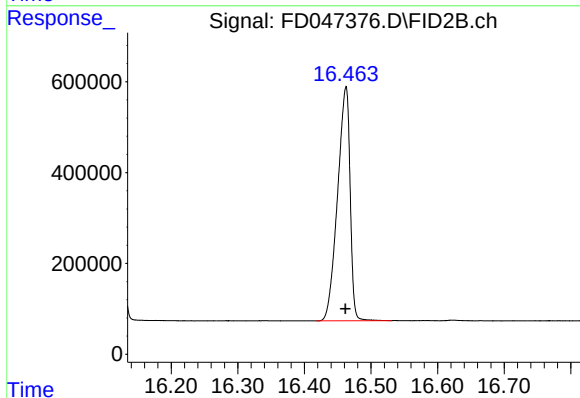
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 6935992
Conc: 50.44 ug/ml



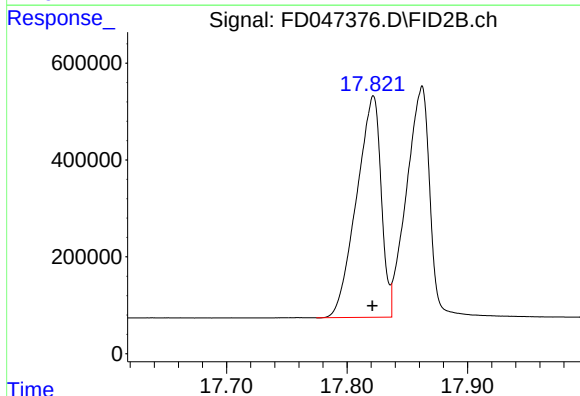
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.000 min
Response: 6833959
Conc: 50.37 ug/ml



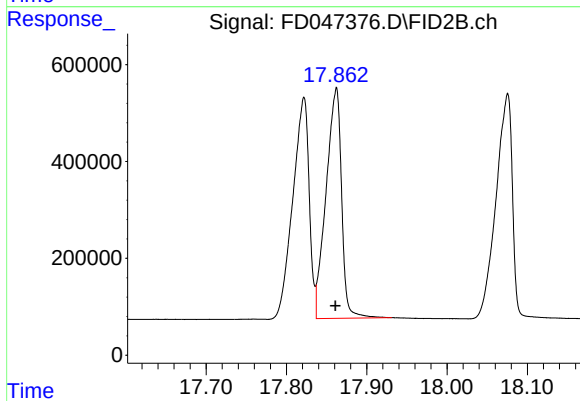
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.000 min
Response: 6740717
Conc: 50.34 ug/ml



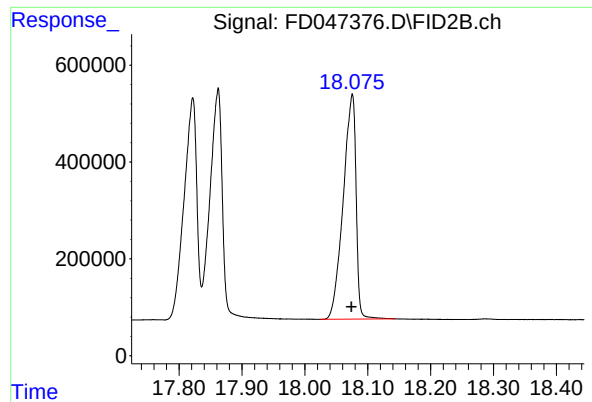
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.000 min
Response: 6493244
Conc: 50.60 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.000 min
Response: 6391013
Conc: 51.00 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 6598990
Conc: 50.39 ug/ml