

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AR\
 Data File : FD045098.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 17:27
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:49:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:49:01 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...	7.557	6291501	46.382 ug/ml
Spiked Amount 50.000		Recovery =	92.76%
6) S 2-Fluorobiphenyl (SURR)	8.413	4237320	46.778 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.56%
11) S ortho-Terphenyl (SURR)	11.456	7851491	46.597 ug/ml
Spiked Amount 50.000		Recovery =	93.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	6979200	46.465 ug/ml
2) T Naphthalene (C11.7)	5.896	7311855	46.253 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	7346300	46.502 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6729930	46.486 ug/ml
7) T Acenaphthene (C15.5)	8.514	7116984	46.677 ug/ml
8) T Fluorene (C16.55)	9.293	6979095	46.788 ug/ml
9) T Phenanthrene (C19.36)	10.685	6833160	46.574 ug/ml
10) T Anthracene (C19.43)	10.760	6422958	47.191 ug/ml
12) T Fluoranthene (C21.85)	12.492	6764294	46.920 ug/ml
13) T Pyrene (C20.8)	12.787	6588272	46.656 ug/ml
14) T Benzo[a]anthracene (C...	14.653	6007404	46.880 ug/ml
15) T Chrysene (C27.41)	14.697	6215205	46.789 ug/ml
16) T benzo[b]fluoranthene ...	16.197	6153136	46.740 ug/ml
17) T Bnezo[k]fluoranthene ...	16.233	6023525	46.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5989254	46.771 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.934	5923930	47.328 ug/ml
20) T Dibenz[a,h]anthracene...	17.975	5696364	46.335 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	5914997	46.457 ug/ml

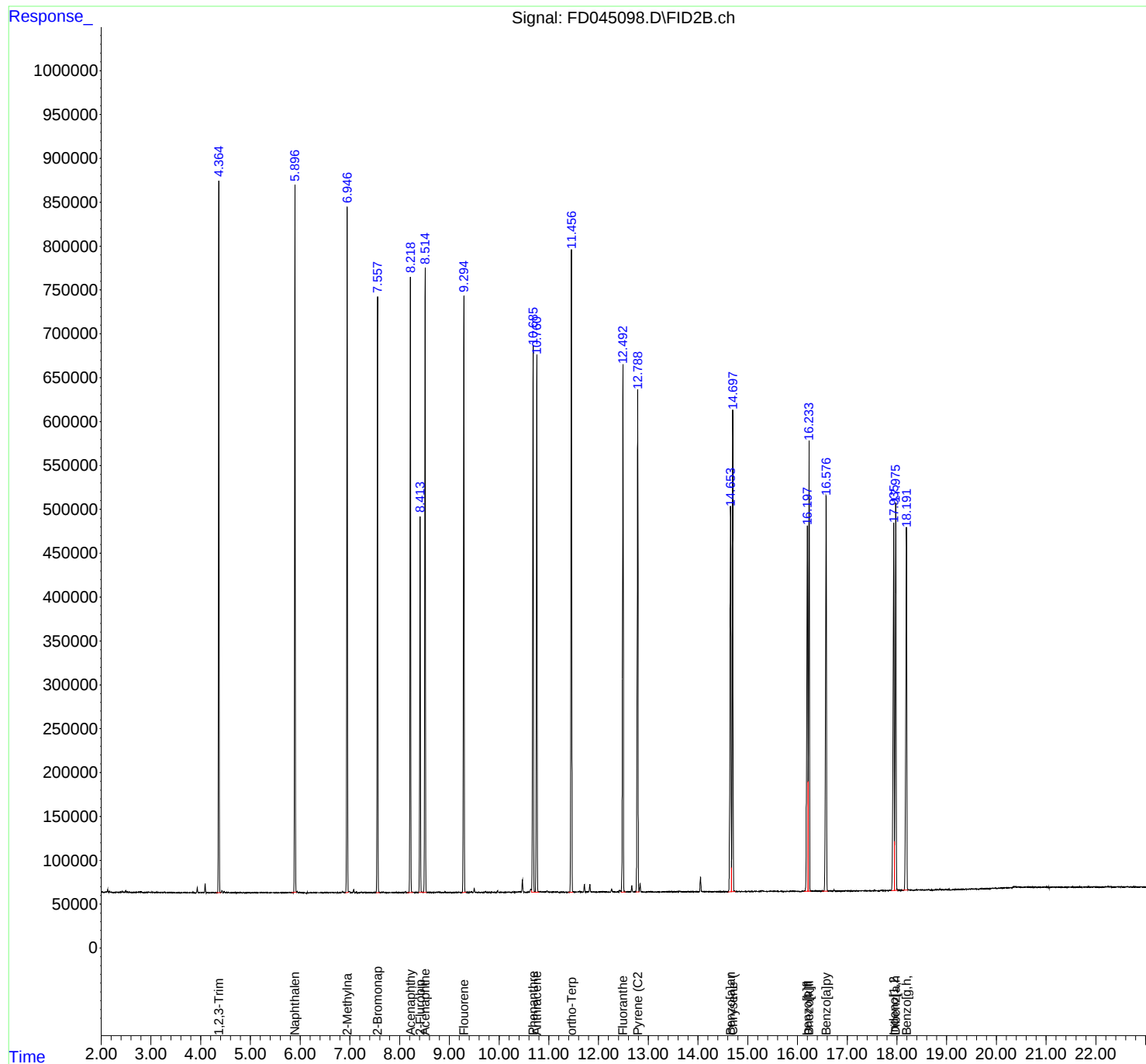
(f)=RT Delta > 1/2 Window

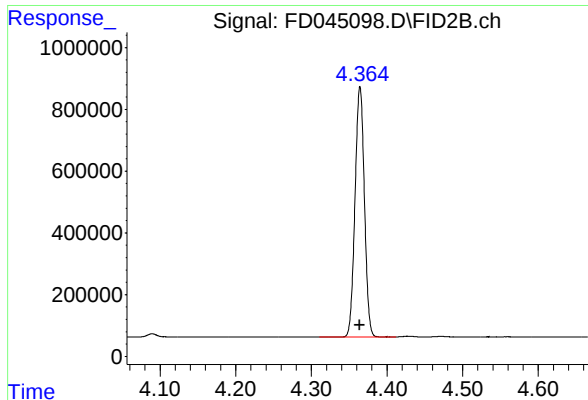
(m)=manual int.

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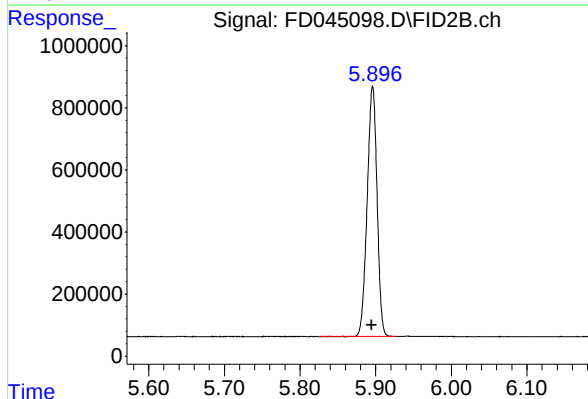
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Signal Info : 20M x 0.18mm x 0.18µm





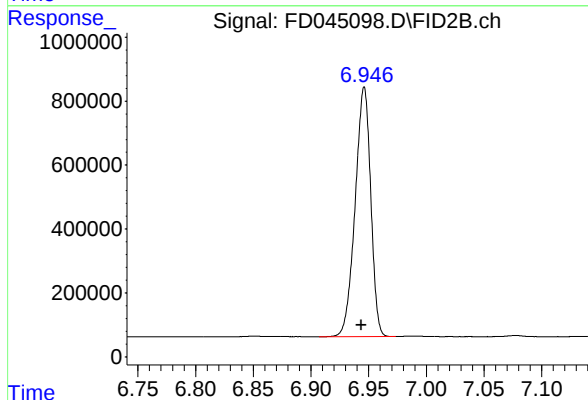
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 6979200
Conc: 46.47 ug/ml



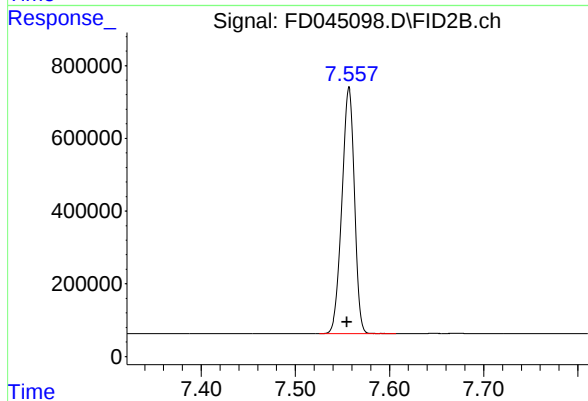
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.002 min
Response: 7311855
Conc: 46.25 ug/ml



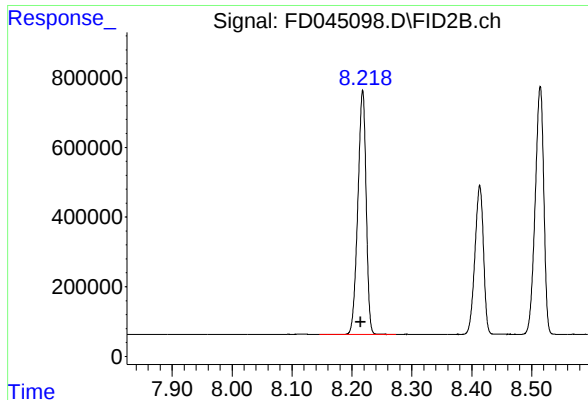
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: 0.002 min
Response: 7346300
Conc: 46.50 ug/ml



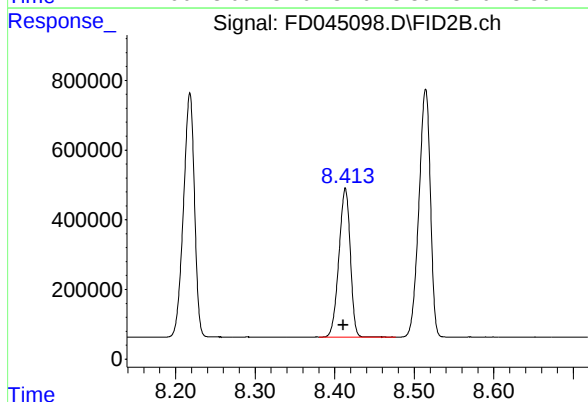
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: 0.002 min
Response: 6291501
Conc: 46.38 ug/ml



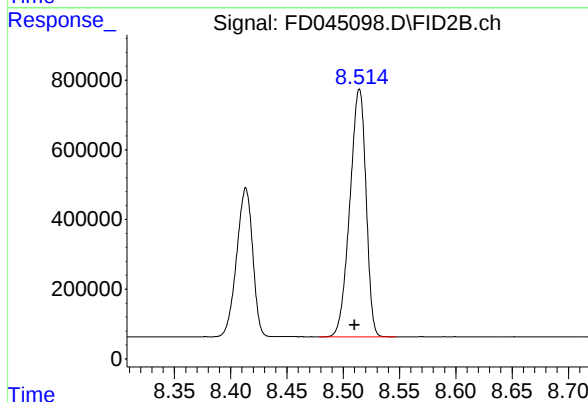
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: 0.003 min
Response: 6729930
Conc: 46.49 ug/ml



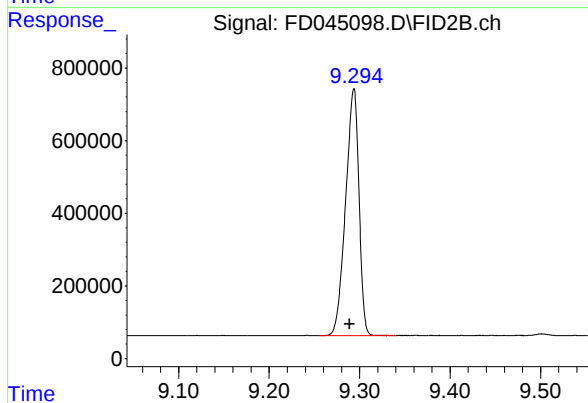
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 4237320
Conc: 46.78 ug/ml



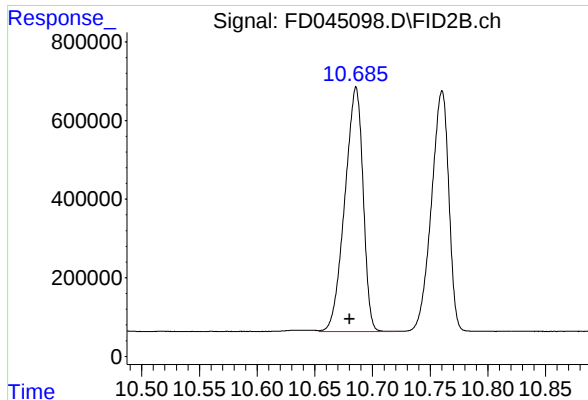
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: 0.004 min
Response: 7116984
Conc: 46.68 ug/ml



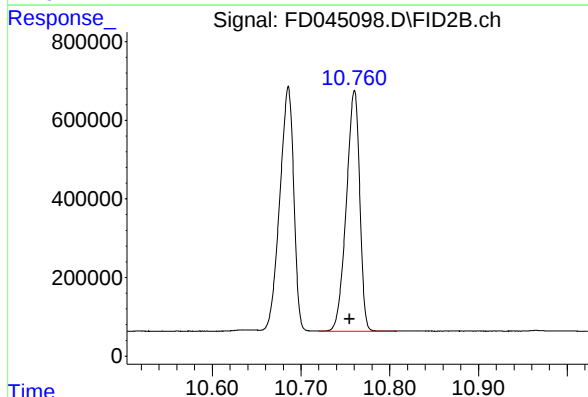
#8 Flouorene (C16.55)

R.T.: 9.293 min
Delta R.T.: 0.004 min
Response: 6979095
Conc: 46.79 ug/ml



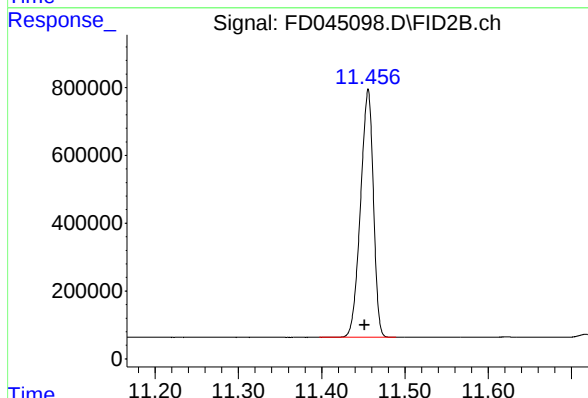
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: 0.005 min
Response: 6833160
Conc: 46.57 ug/ml



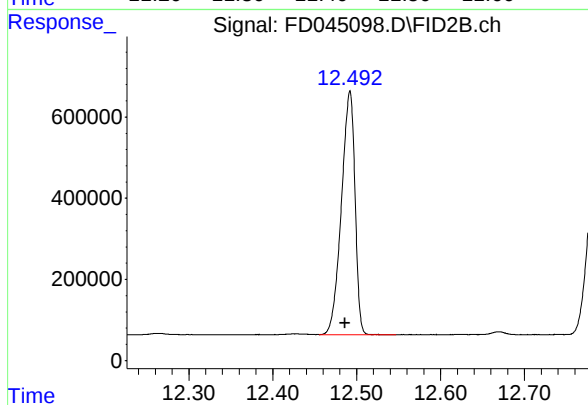
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.005 min
Response: 6422958
Conc: 47.19 ug/ml



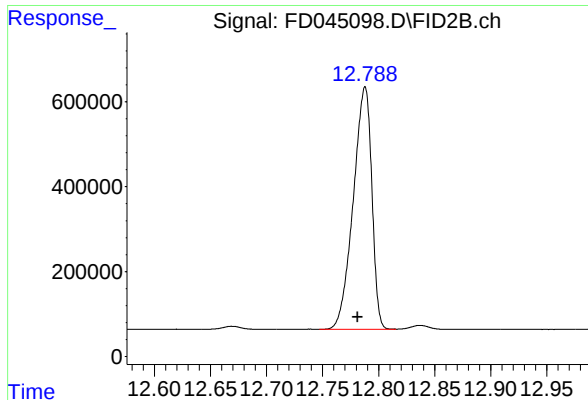
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.004 min
Response: 7851491
Conc: 46.60 ug/ml



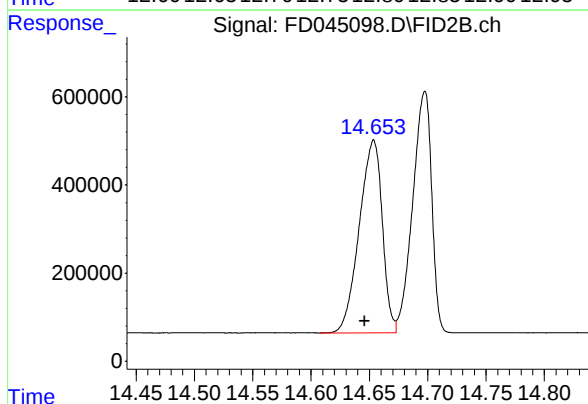
#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: 0.005 min
Response: 6764294
Conc: 46.92 ug/ml



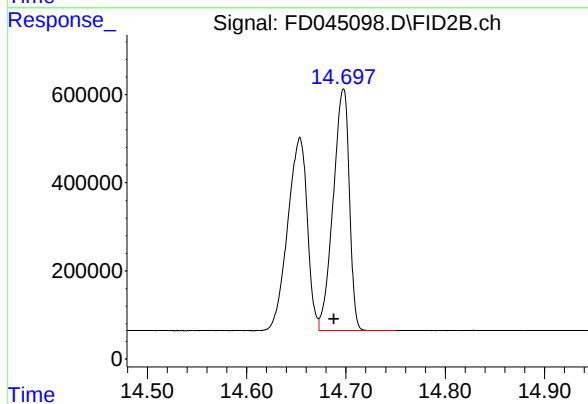
#13 Pyrene (C20.8)

R.T.: 12.787 min
Delta R.T.: 0.006 min
Response: 6588272
Conc: 46.66 ug/ml



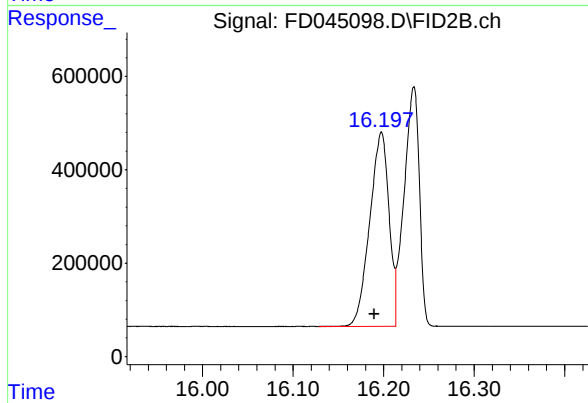
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.007 min
Response: 6007404
Conc: 46.88 ug/ml



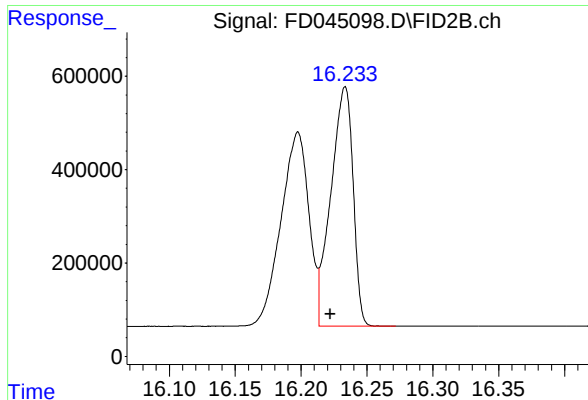
#15 Chrysene (C27.41)

R.T.: 14.697 min
Delta R.T.: 0.009 min
Response: 6215205
Conc: 46.79 ug/ml



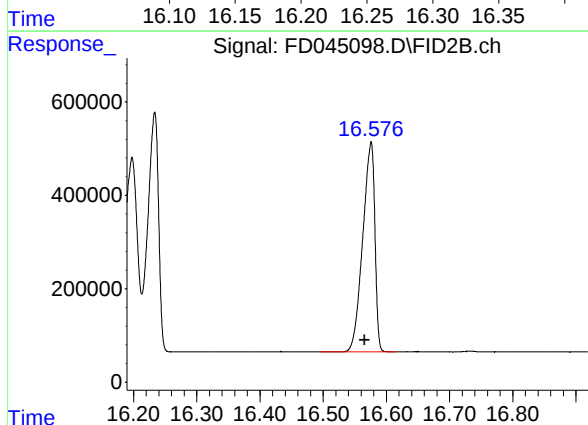
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.197 min
Delta R.T.: 0.008 min
Response: 6153136
Conc: 46.74 ug/ml



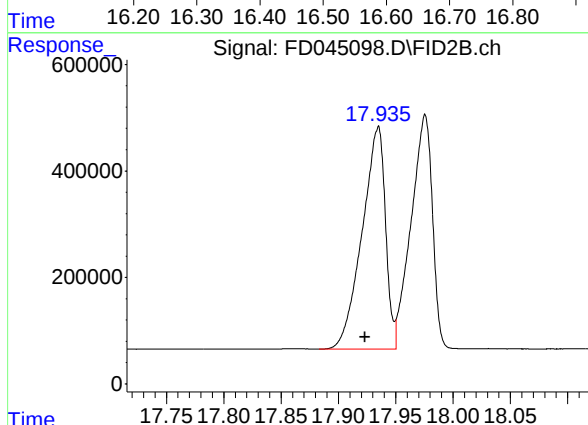
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.233 min
Delta R.T.: 0.011 min
Response: 6023525
Conc: 46.64 ug/ml



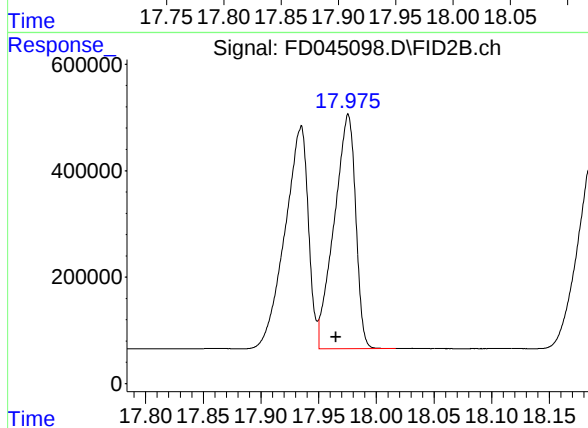
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.010 min
Response: 5989254
Conc: 46.77 ug/ml



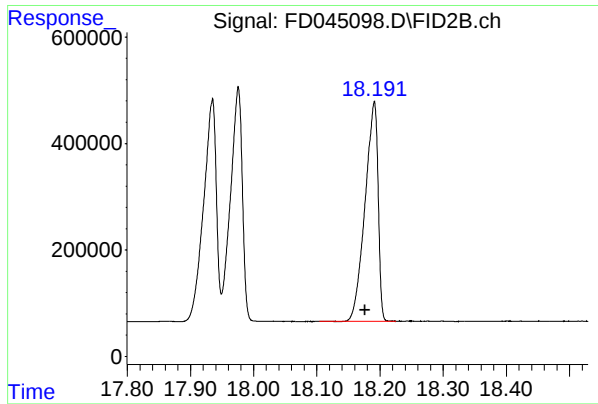
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.934 min
Delta R.T.: 0.011 min
Response: 5923930
Conc: 47.33 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.010 min
Response: 5696364
Conc: 46.33 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.014 min
Response: 5914997
Conc: 46.46 ug/ml