

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047110.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 12:01
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:20:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:16:54 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...	7.476	14474356	97.181 ug/ml
Spiked Amount 50.000		Recovery =	194.36%
6) S 2-Fluorobiphenyl (SURR)	8.329	9802971	97.766 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.53%#
11) S ortho-Terphenyl (SURR)	11.368	16535820	96.214 ug/ml
Spiked Amount 50.000		Recovery =	192.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	14858250	97.785 ug/ml
2) T Naphthalene (C11.7)	5.816	15736273	97.055 ug/ml
3) T 2-Methylnaphthalene (...)	6.865	15951048	97.180 ug/ml
5) T Acenaphthylene (C15.06)	8.134	14622073	97.090 ug/ml
7) T Acenaphthene (C15.5)	8.431	15474216	96.945 ug/ml
8) T Fluorene (C16.55)	9.209	15261811	96.964 ug/ml
9) T Phenanthrene (C19.36)	10.597	14925929	96.817 ug/ml
10) T Anthracene (C19.43)	10.674	14252707	96.383 ug/ml
12) T Fluoranthene (C21.85)	12.402	14889230	96.297 ug/ml
13) T Pyrene (C20.8)	12.697	14466005	96.151 ug/ml
14) T Benzo[a]anthracene (C...	14.560	13439777	97.130 ug/ml
15) T Chrysene (C27.41)	14.608	14116946	95.491 ug/ml
16) T benzo[b]fluoranthene ...	16.106	13846935	97.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	13511686	96.274 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	13483115	96.962 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	13366712	101.389 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	12680309	94.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	13032861	97.272 ug/ml

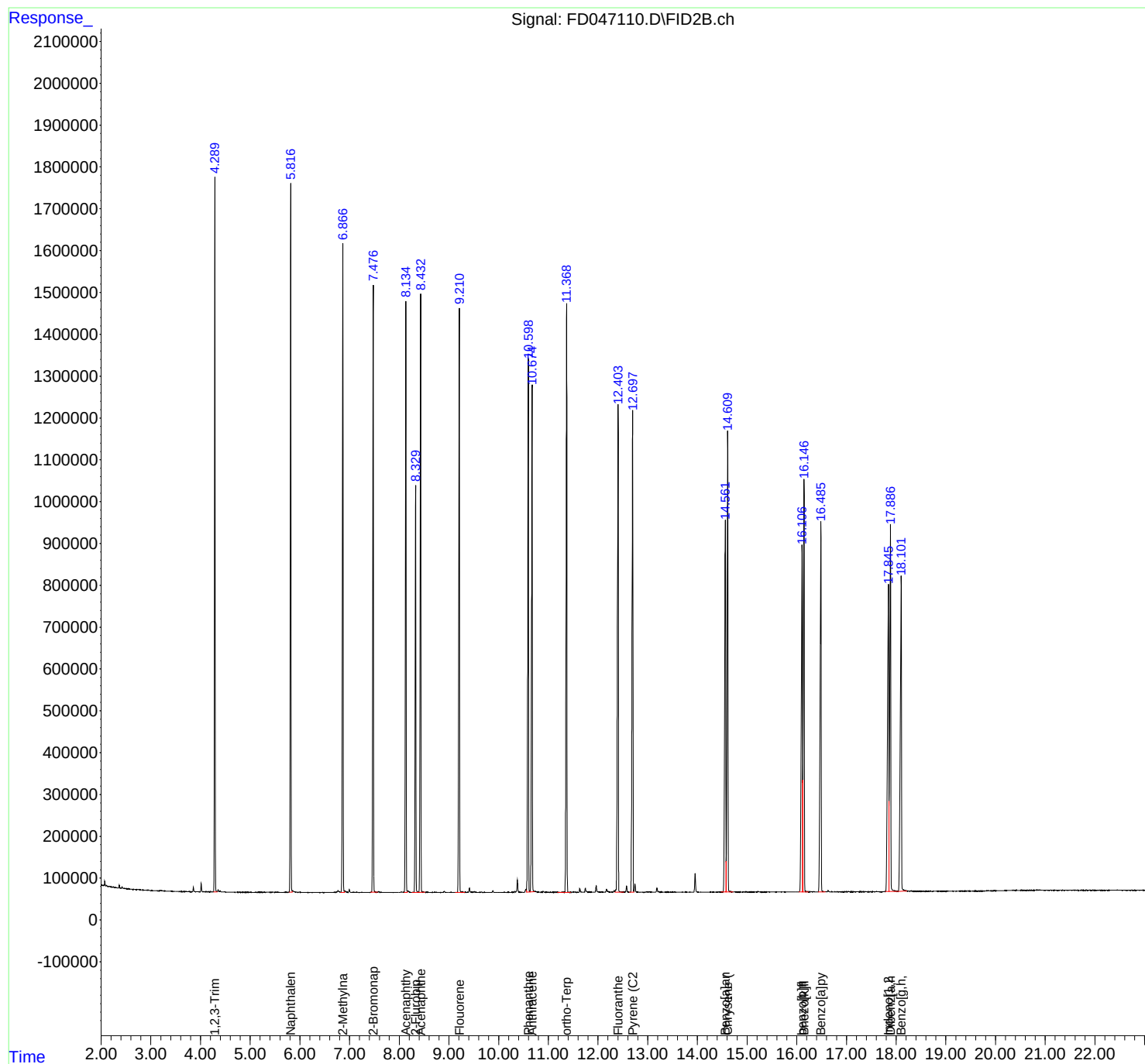
(f)=RT Delta > 1/2 Window

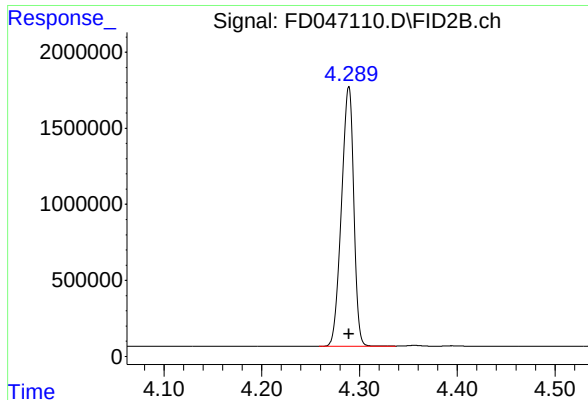
(m)=manual int.

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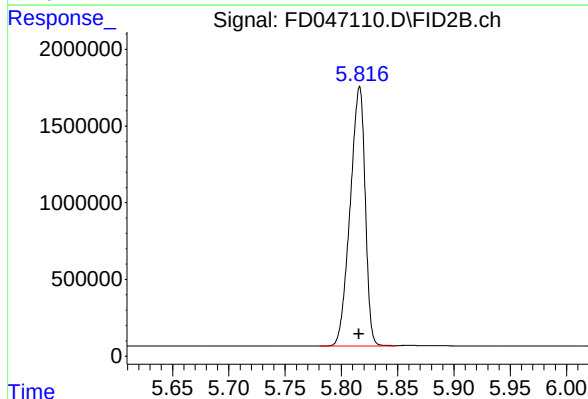
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





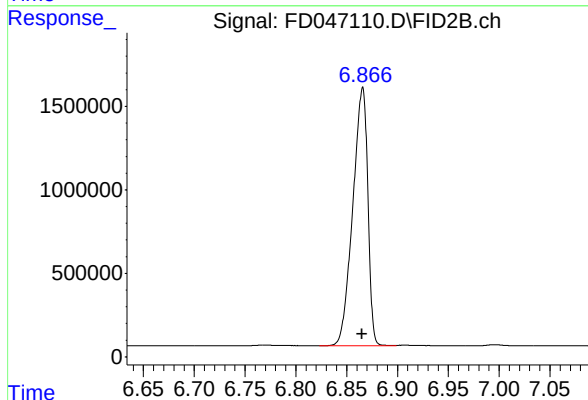
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 14858250
Conc: 97.78 ug/ml



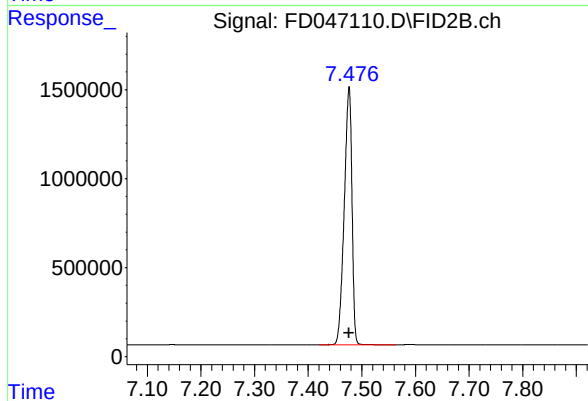
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 15736273
Conc: 97.05 ug/ml



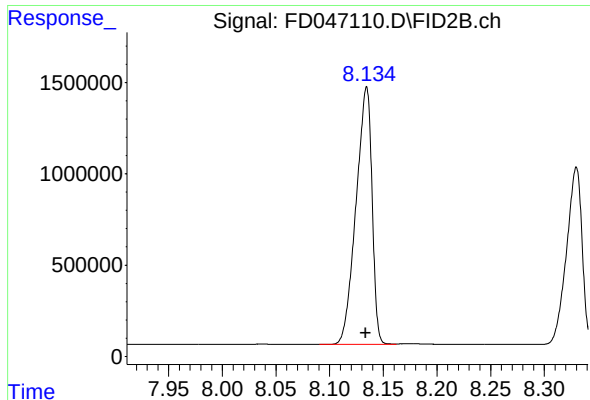
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 15951048
Conc: 97.18 ug/ml



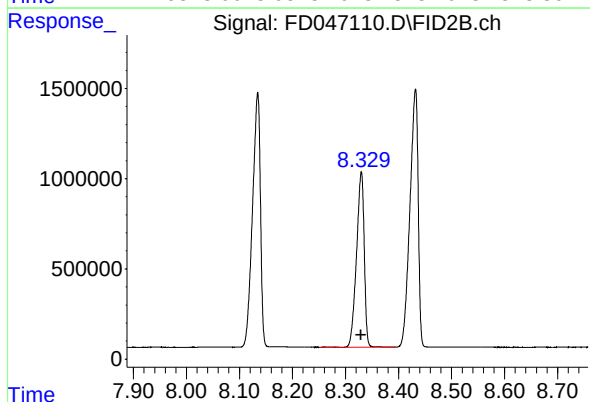
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 14474356
Conc: 97.18 ug/ml



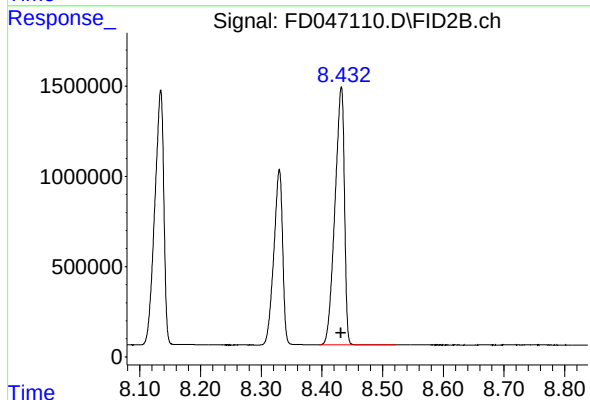
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 14622073
Conc: 97.09 ug/ml



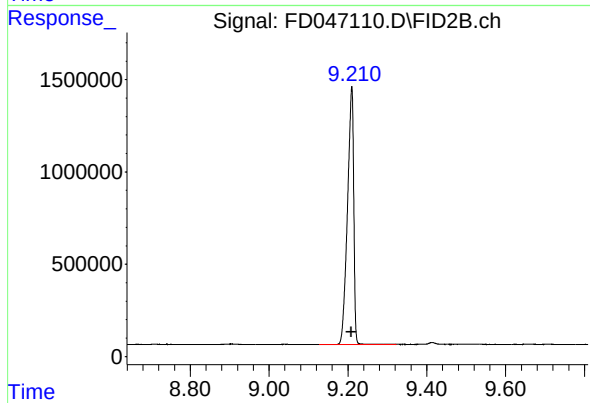
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 9802971
Conc: 97.77 ug/ml



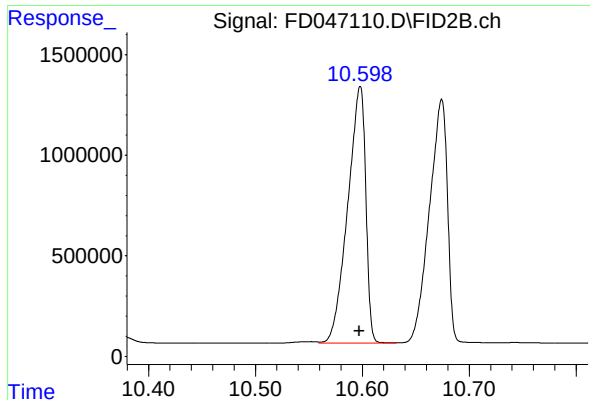
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 15474216
Conc: 96.95 ug/ml



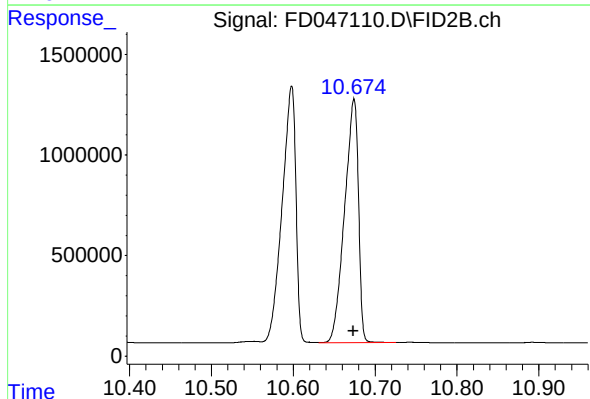
#8 Flouorene (C16.55)

R.T.: 9.209 min
Delta R.T.: 0.000 min
Response: 15261811
Conc: 96.96 ug/ml



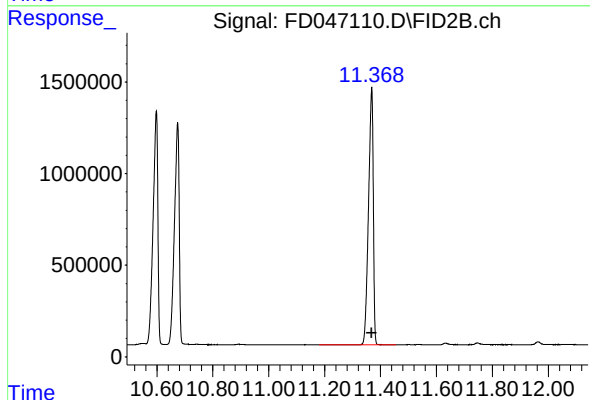
#9 Phenanthrene (C19.36)

R.T.: 10.597 min
Delta R.T.: 0.000 min
Response: 14925929
Conc: 96.82 ug/ml



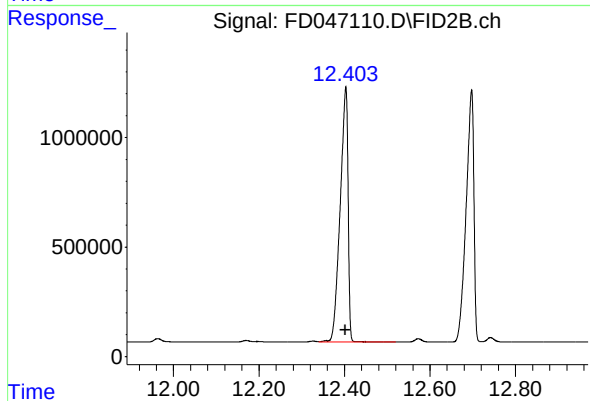
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: 0.000 min
Response: 14252707
Conc: 96.38 ug/ml



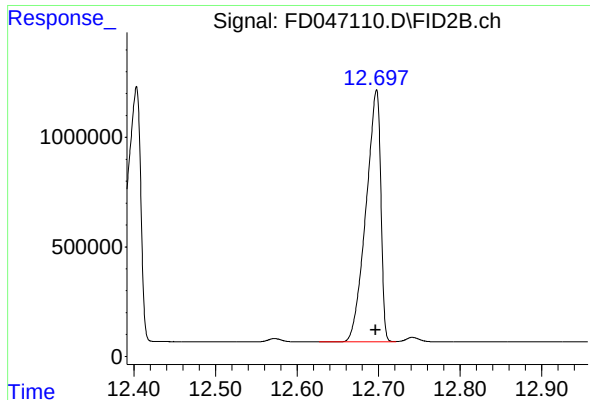
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.000 min
Response: 16535820
Conc: 96.21 ug/ml



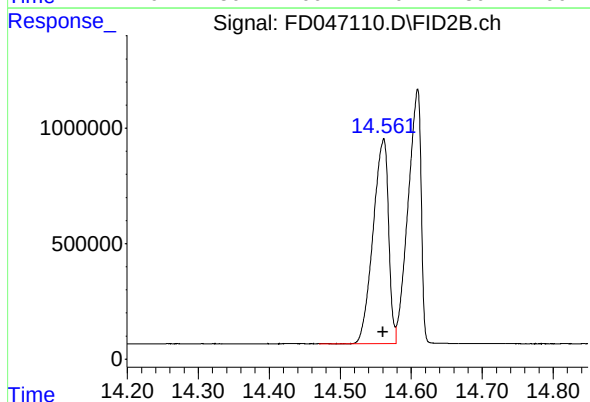
#12 Fluoranthene (C21.85)

R.T.: 12.402 min
Delta R.T.: 0.000 min
Response: 14889230
Conc: 96.30 ug/ml



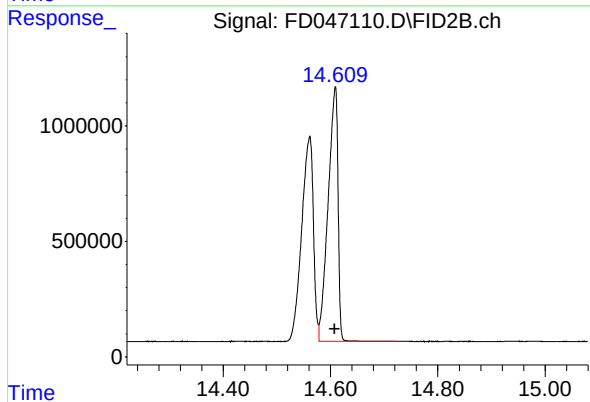
#13 Pyrene (C20.8)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 14466005
Conc: 96.15 ug/ml



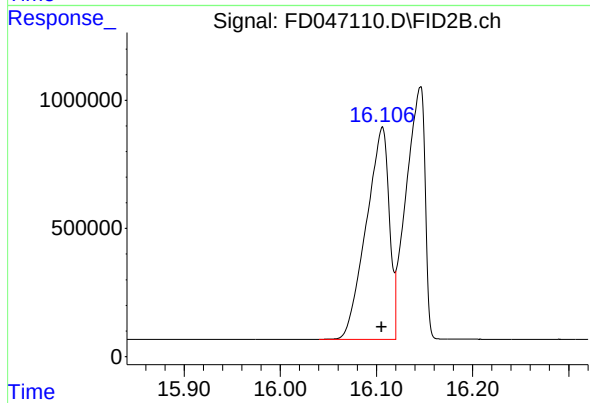
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 13439777
Conc: 97.13 ug/ml



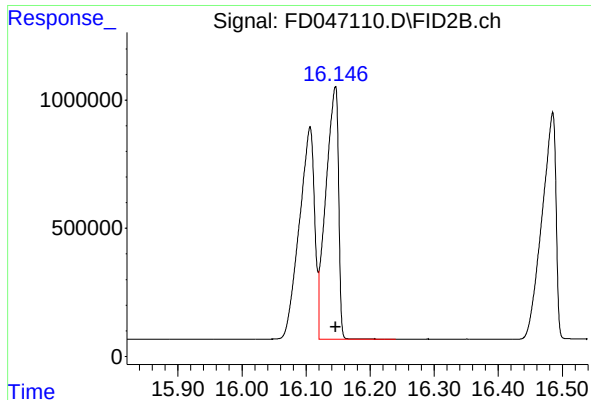
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 14116946
Conc: 95.49 ug/ml



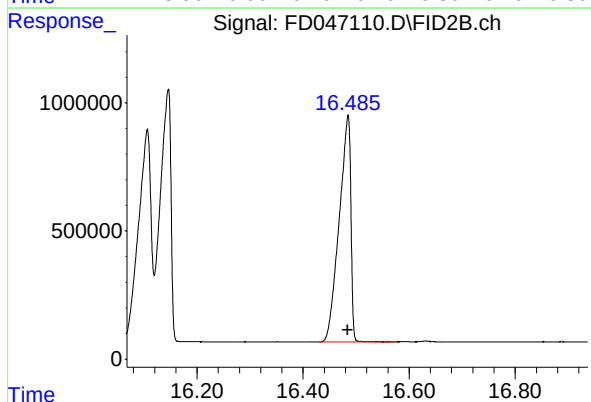
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.106 min
Delta R.T.: 0.000 min
Response: 13846935
Conc: 97.57 ug/ml



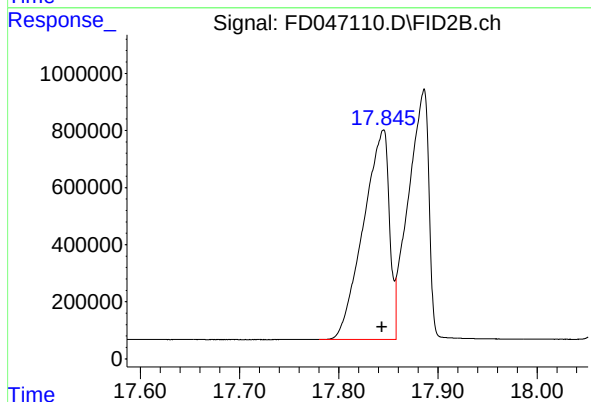
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: -0.002 min
Response: 13511686
Conc: 96.27 ug/ml



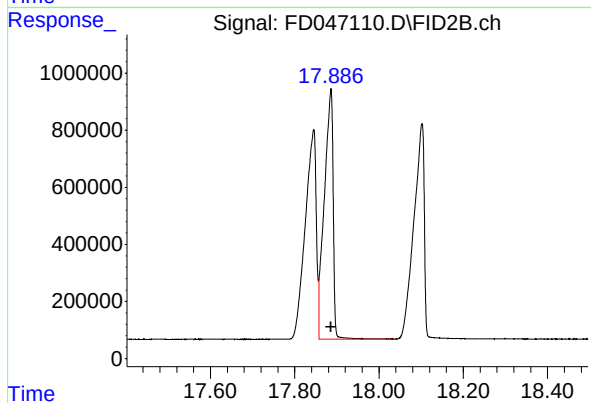
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.000 min
Response: 13483115
Conc: 96.96 ug/ml



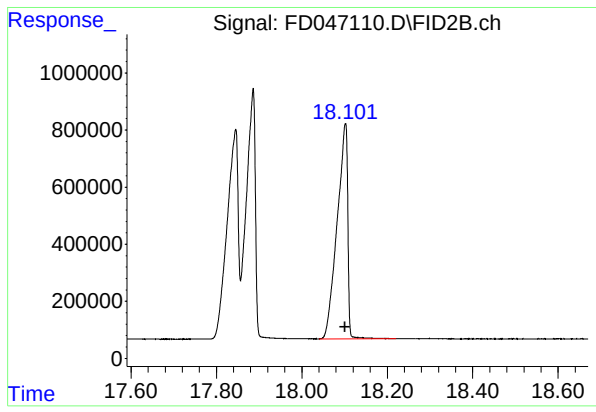
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.000 min
Response: 13366712
Conc: 101.39 ug/ml



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

R.T.: 17.885 min
Delta R.T.: -0.001 min
Response: 12680309
Conc: 94.73 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 13032861
Conc: 97.27 ug/ml