

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047800.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 15:36
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 21 17:34:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 17:31:28 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...	7.461	13883502	98.829 ug/ml
Spiked Amount 50.000		Recovery =	197.66%
6) S 2-Fluorobiphenyl (SURR)	8.315	9401569	99.514 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.03%#
11) S ortho-Terphenyl (SURR)	11.359	15533667	98.249 ug/ml
Spiked Amount 50.000		Recovery =	196.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	15446871	98.593 ug/ml
2) T Naphthalene (C11.7)	5.798	16237769	99.131 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	16361915	99.062 ug/ml
5) T Acenaphthylene (C15.06)	8.120	16063804	98.680 ug/ml
7) T Acenaphthene (C15.5)	8.417	15991493	98.317 ug/ml
8) T Fluorene (C16.55)	9.196	15693194	99.207 ug/ml
9) T Phenanthrene (C19.36)	10.588	15459226	99.509 ug/ml
10) T Anthracene (C19.43)	10.665	15268342	100.129 ug/ml
12) T Fluoranthene (C21.85)	12.398	15072230	99.070 ug/ml
13) T Pyrene (C20.8)	12.693	14955661	98.980 ug/ml
14) T Benzo[a]anthracene (C...	14.563	14121192	100.045 ug/ml
15) T Chrysene (C27.41)	14.610	14289256	98.086 ug/ml
16) T benzo[b]fluoranthene ...	16.114	14257168	99.734 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	13246026	98.905 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	13924553	99.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.859	13093245	105.180 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	12956409	96.993 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	13618250	99.980 ug/ml

(f)=RT Delta > 1/2 Window

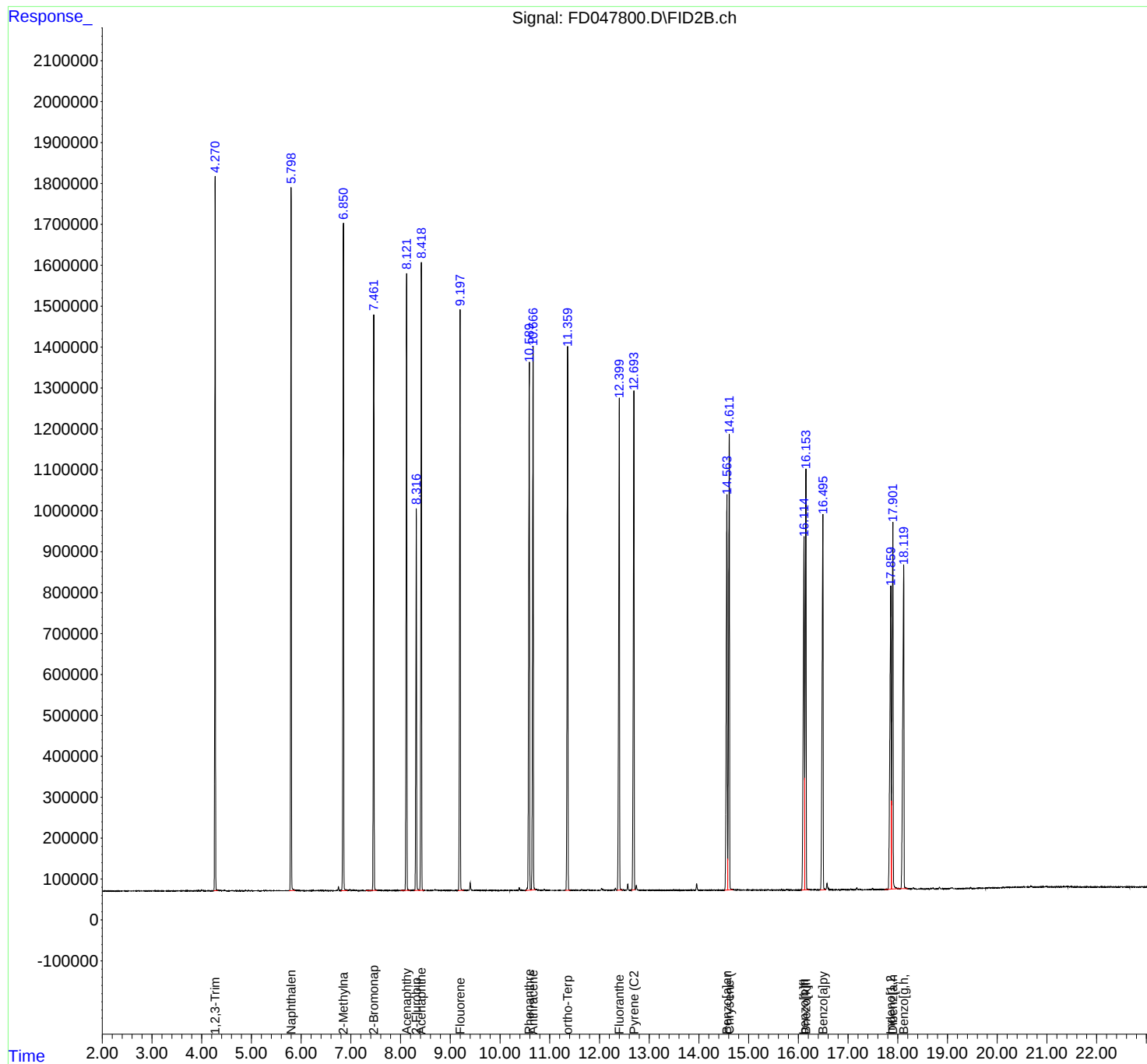
(m)=manual int.

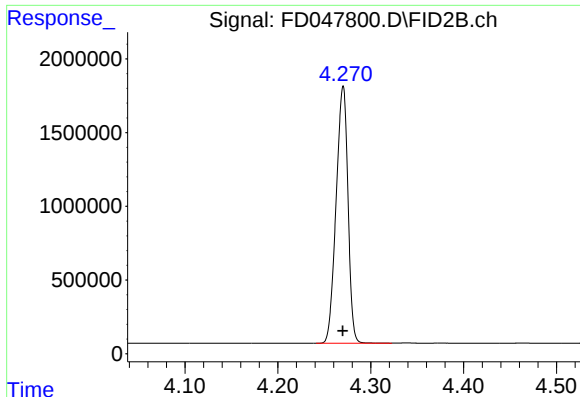
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
Data File : FD047800.D
Signal(s) : FID2B.ch
Acq On : 21 May 2024 15:36
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: May 21 17:34:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
Quant Title : GC Extractables
QLast Update : Tue May 21 17:31:28 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

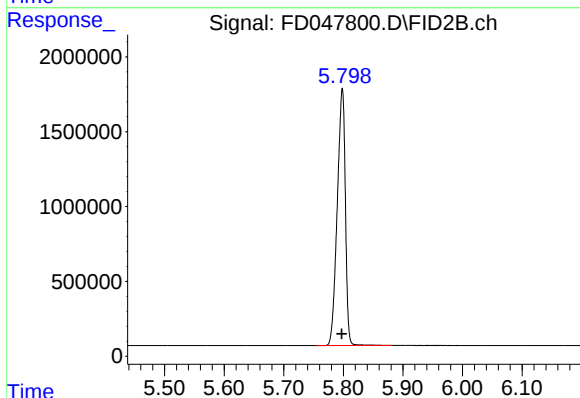
R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 15446871
Conc: 98.59 ug/ml

Instrument :

FID_D

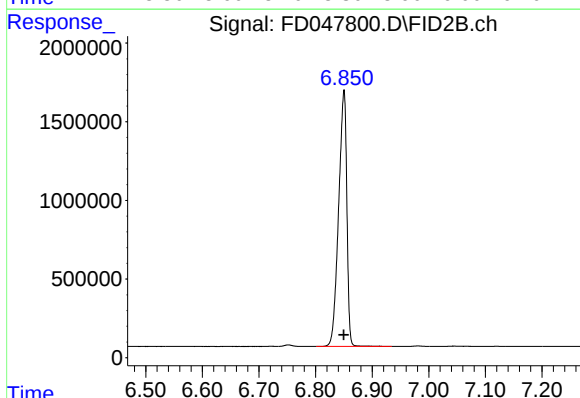
ClientSampleId :

100 PPM AROMATIC HC STD1



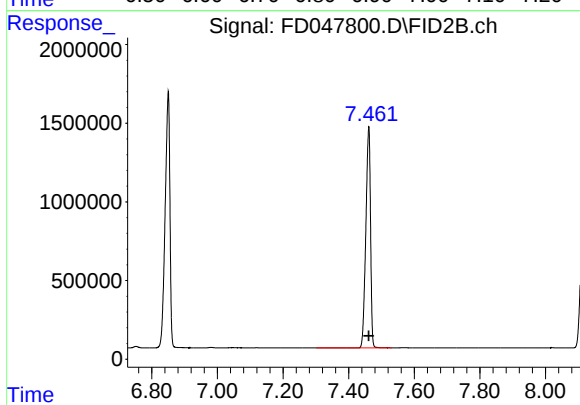
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 16237769
Conc: 99.13 ug/ml



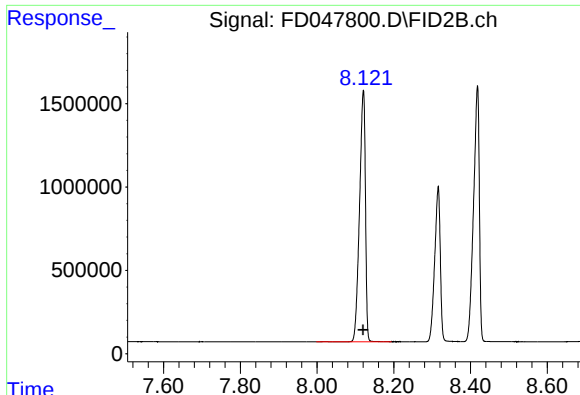
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 16361915
Conc: 99.06 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 13883502
Conc: 98.83 ug/ml



#5 Acenaphthylene (C15.06)

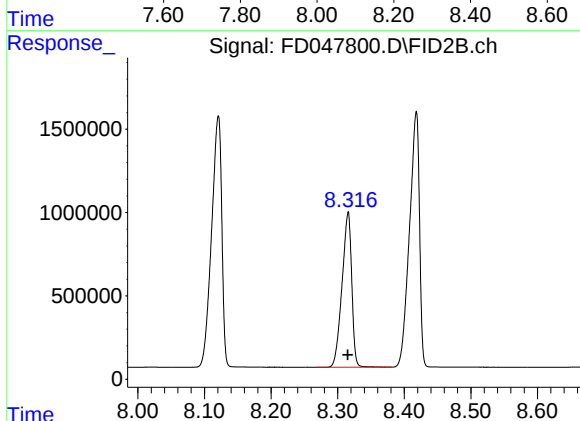
R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 16063804
Conc: 98.68 ug/ml

Instrument :

FID_D

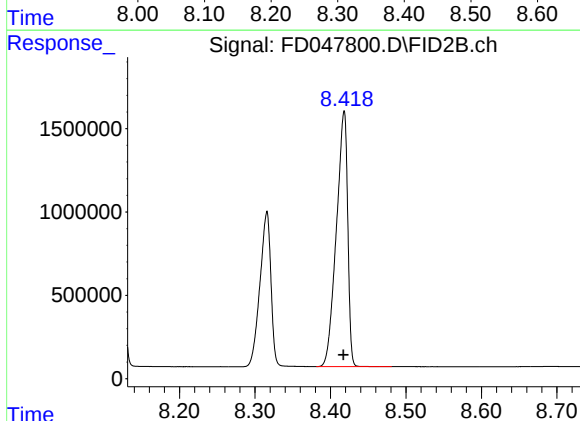
ClientSampleId :

100 PPM AROMATIC HC STD1



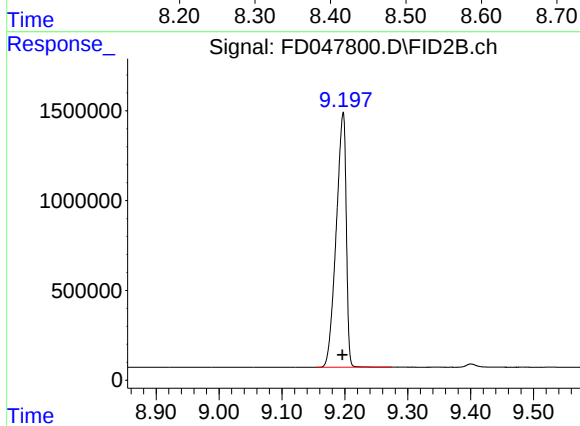
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 9401569
Conc: 99.51 ug/ml



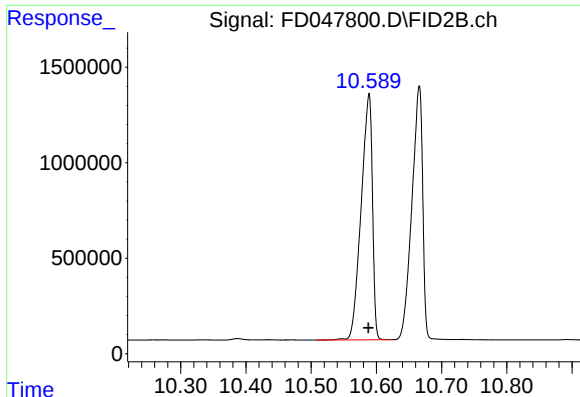
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 15991493
Conc: 98.32 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: 0.000 min
Response: 15693194
Conc: 99.21 ug/ml



#9 Phenanthrene (C19.36)

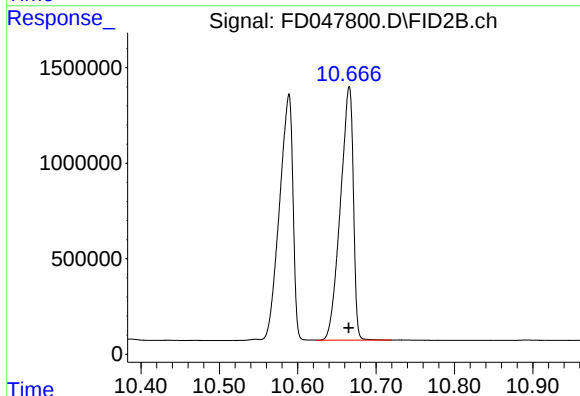
R.T.: 10.588 min
Delta R.T.: 0.000 min
Response: 15459226
Conc: 99.51 ug/ml

Instrument :

FID_D

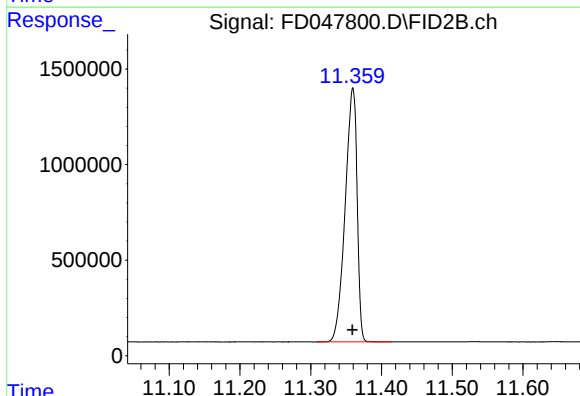
ClientSampleId :

100 PPM AROMATIC HC STD1



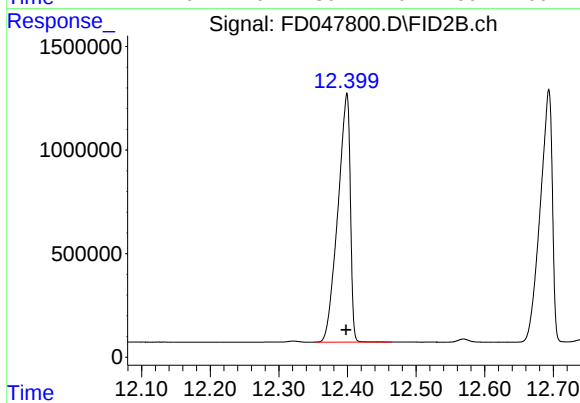
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 15268342
Conc: 100.13 ug/ml



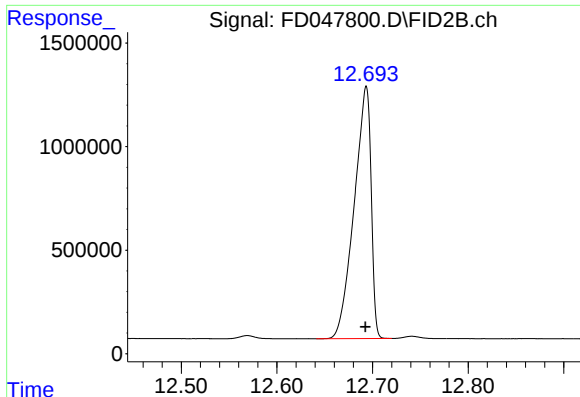
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.000 min
Response: 15533667
Conc: 98.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: 0.000 min
Response: 15072230
Conc: 99.07 ug/ml



#13 Pyrene (C20.8)

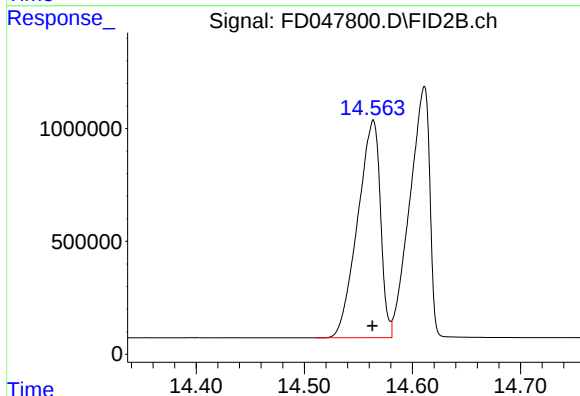
R.T.: 12.693 min
Delta R.T.: 0.000 min
Response: 14955661
Conc: 98.98 ug/ml

Instrument :

FID_D

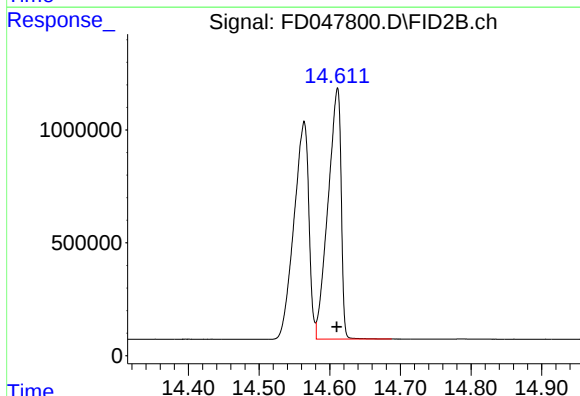
ClientSampleId :

100 PPM AROMATIC HC STD1



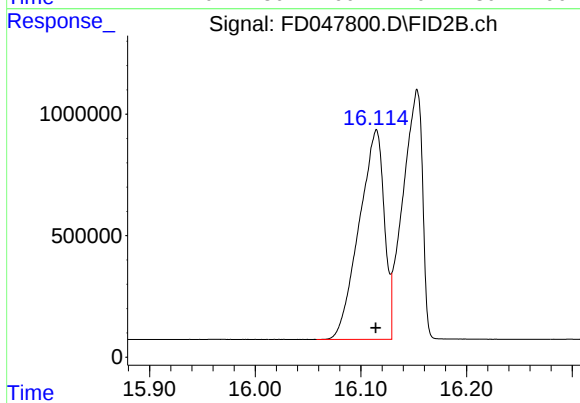
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.563 min
Delta R.T.: 0.000 min
Response: 14121192
Conc: 100.04 ug/ml



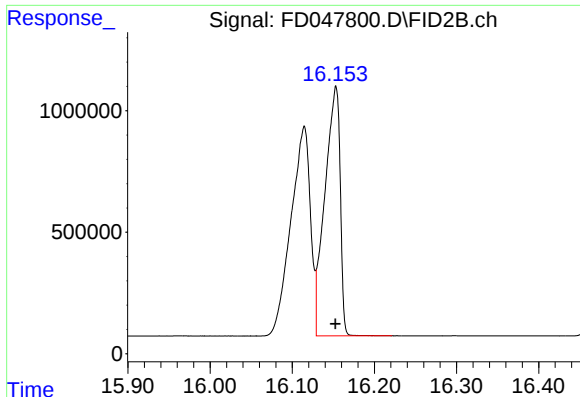
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 14289256
Conc: 98.09 ug/ml



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

R.T.: 16.114 min
Delta R.T.: 0.000 min
Response: 14257168
Conc: 99.73 ug/ml



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

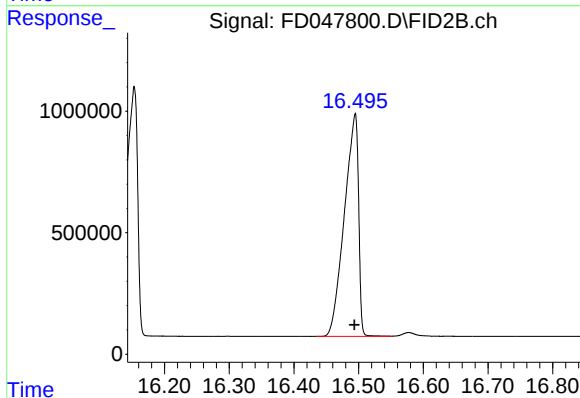
R.T.: 16.152 min
Delta R.T.: 0.000 min
Response: 13246026
Conc: 98.91 ug/ml

Instrument :

FID_D

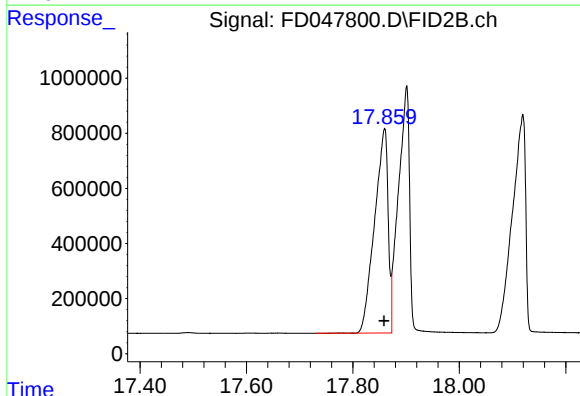
ClientSampleId :

100 PPM AROMATIC HC STD1



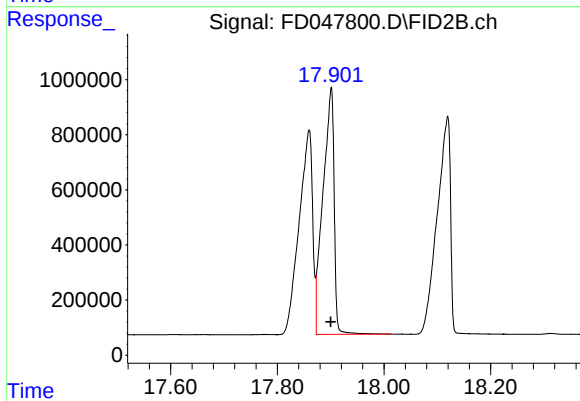
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: 0.000 min
Response: 13924553
Conc: 99.27 ug/ml



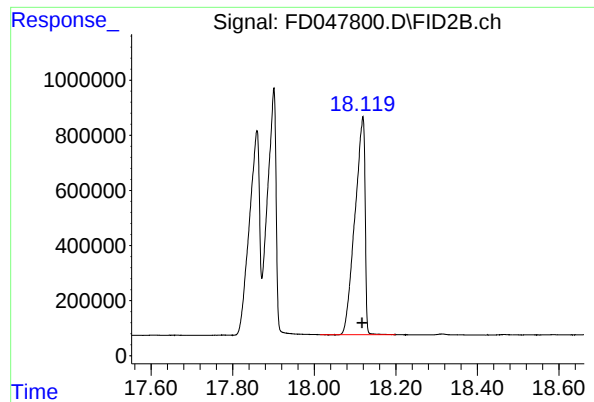
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 13093245
Conc: 105.18 ug/ml



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

R.T.: 17.900 min
Delta R.T.: 0.000 min
Response: 12956409
Conc: 96.99 ug/ml



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

R.T.: 18.118 min
Delta R.T.: 0.000 min
Response: 13618250
Conc: 99.98 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1