

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082024AR\
 Data File : FF014437.D
 Signal(s) : FID2B.ch
 Acq On : 20 Aug 2024 12:58
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 20 14:48:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 14:45:54 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...	7.875	14905138	109.446 ug/ml
Spiked Amount 50.000		Recovery	= 218.89%
6) S 2-Fluorobiphenyl (SURR)	8.748	10181965	114.800 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery	= 229.60%#
11) S ortho-Terphenyl (SURR)	11.815	17722782	106.680 ug/ml
Spiked Amount 50.000		Recovery	= 213.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	16649629	107.503 ug/ml
2) T Naphthalene (C11.7)	6.150	17507301	108.626 ug/ml
3) T 2-Methylnaphthalene (...)	7.248	17720045	109.273 ug/ml
5) T Acenaphthylene (C15.06)	8.550	17456929	109.113 ug/ml
7) T Acenaphthene (C15.5)	8.851	17647097	106.830 ug/ml
8) T Fluorene (C16.55)	9.639	17376825	109.813 ug/ml
9) T Phenanthrene (C19.36)	11.045	17268384	110.067 ug/ml
10) T Anthracene (C19.43)	11.120	15715236	102.653 ug/ml
12) T Fluoranthene (C21.85)	12.867	17710554	107.986 ug/ml
13) T Pyrene (C20.8)	13.165	17443991	108.094 ug/ml
14) T Benzo[a]anthracene (C...	15.046	16687594	112.316 ug/ml
15) T Chrysene (C27.41)	15.095	17590324	103.294 ug/ml
16) T benzo[b]fluoranthene ...	16.607	17087183	111.244 ug/ml
17) T Bnezo[k]fluoranthene ...	16.648	16322071	105.148 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.992	16552852	109.032 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.362	14681674	122.489 ug/ml
20) T Dibenz[a,h]anthracene...	18.403	15980399	103.519 ug/ml
21) T Benzo[g,h,i]perylene ...	18.624	15186267	105.719 ug/ml

(f)=RT Delta > 1/2 Window

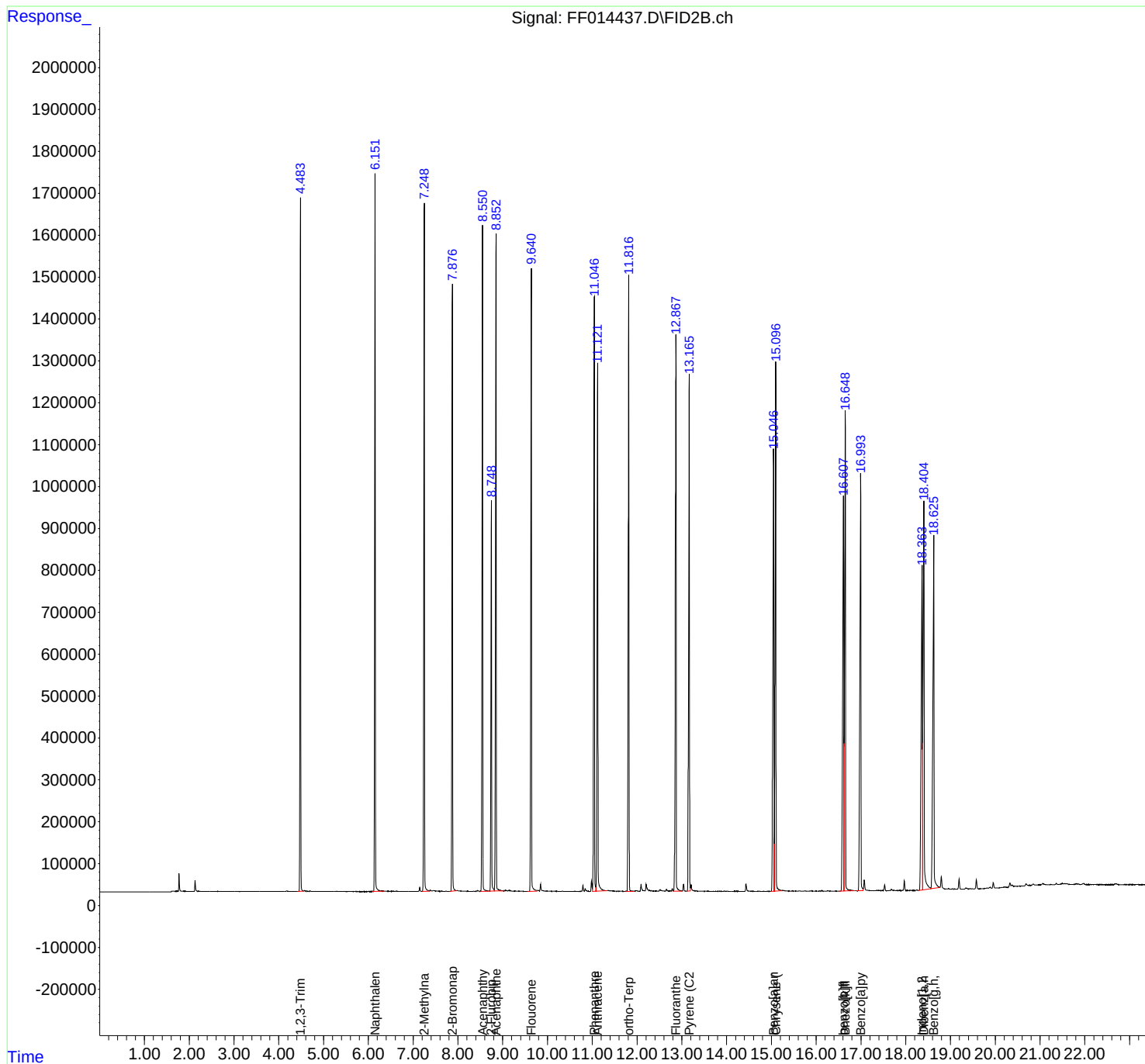
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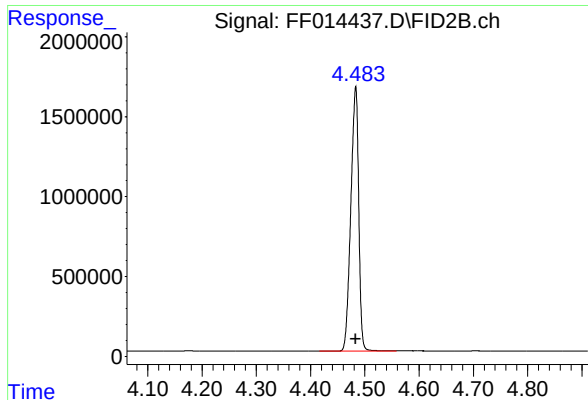
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#1 1,2,3-Trimethylbenzene (C10.1)

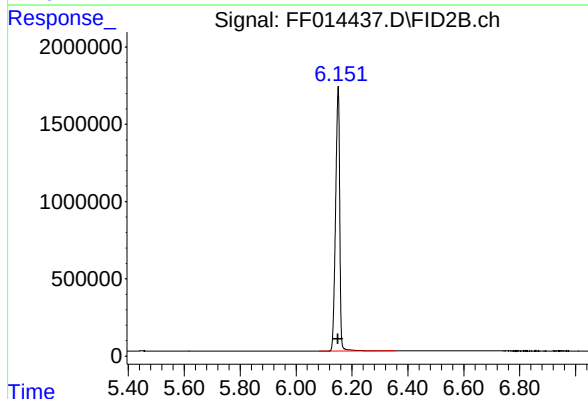
R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 16649629
Conc: 107.50 ug/ml

Instrument :

FID_F

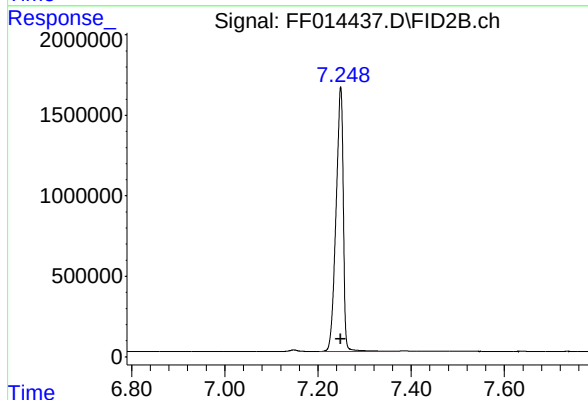
ClientSampleId :

100 PPM AROMATIC HC STD1



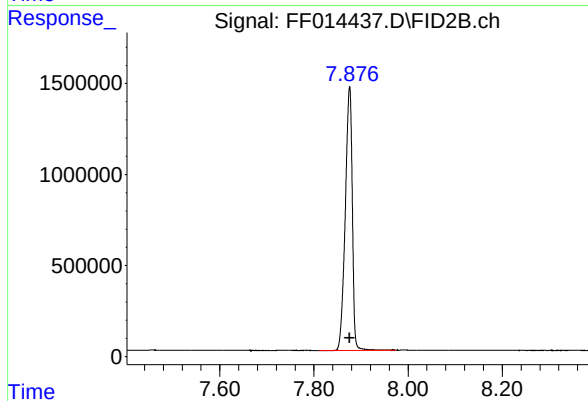
#2 Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 17507301
Conc: 108.63 ug/ml



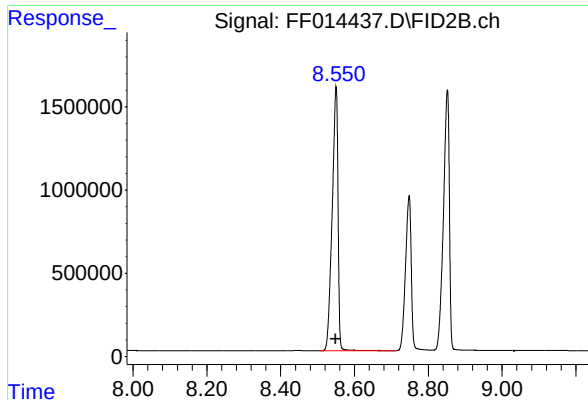
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 17720045
Conc: 109.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 14905138
Conc: 109.45 ug/ml



#5 Acenaphthylene (C15.06)

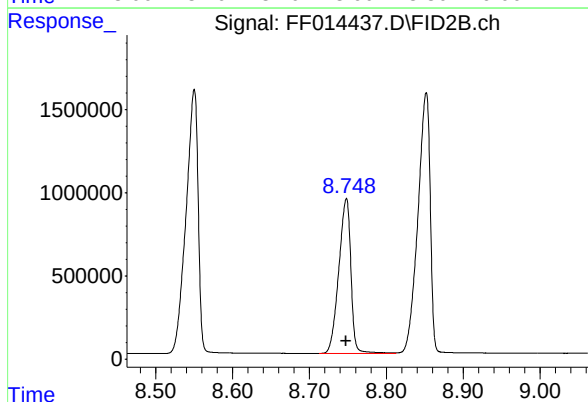
R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 17456929
Conc: 109.11 ug/ml

Instrument :

FID_F

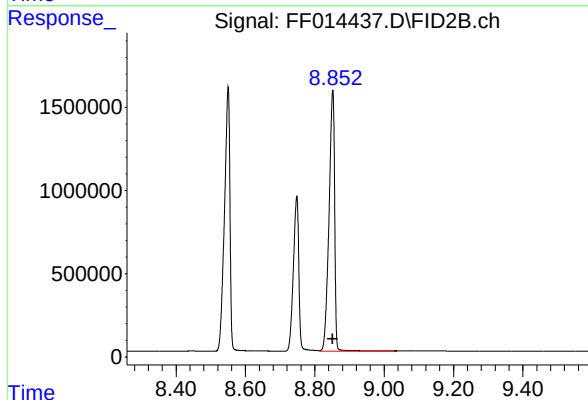
ClientSampleId :

100 PPM AROMATIC HC STD1



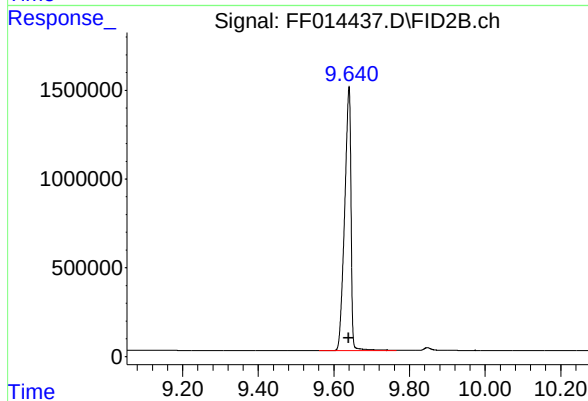
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.748 min
Delta R.T.: 0.000 min
Response: 10181965
Conc: 114.80 ug/ml



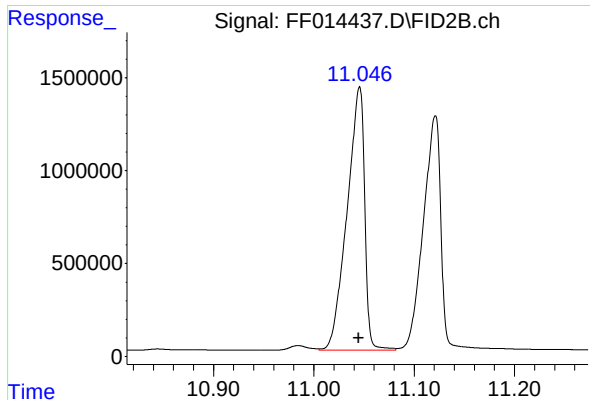
#7 Acenaphthene (C15.5)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 17647097
Conc: 106.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.639 min
Delta R.T.: 0.000 min
Response: 17376825
Conc: 109.81 ug/ml



#9 Phenanthrene (C19.36)

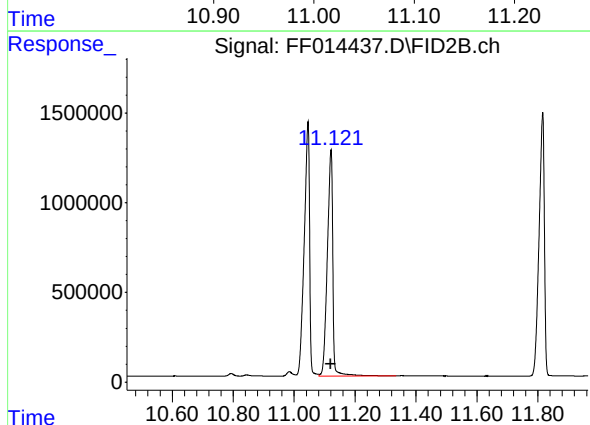
R.T.: 11.045 min
Delta R.T.: 0.000 min
Response: 17268384
Conc: 110.07 ug/ml

Instrument :

FID_F

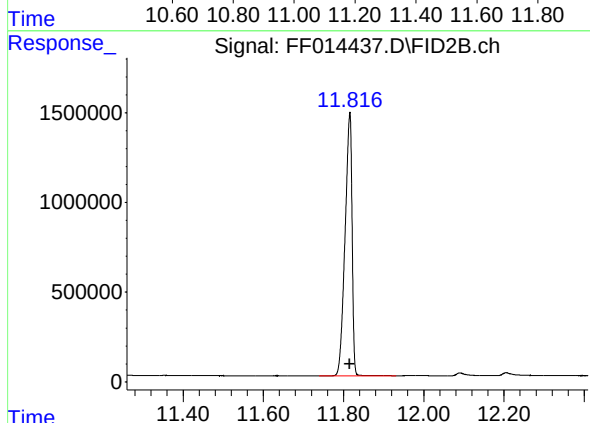
ClientSampleId :

100 PPM AROMATIC HC STD1



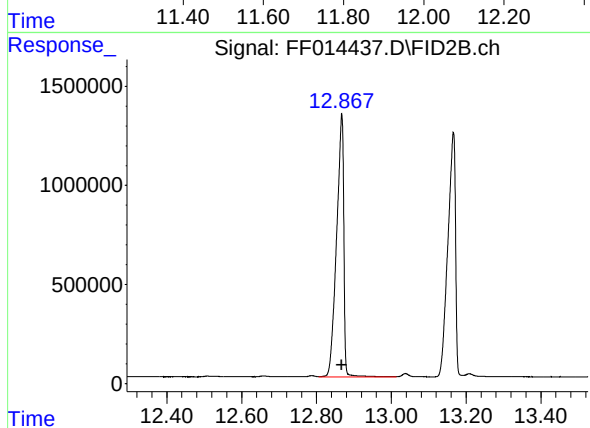
#10 Anthracene (C19.43)

R.T.: 11.120 min
Delta R.T.: 0.000 min
Response: 15715236
Conc: 102.65 ug/ml



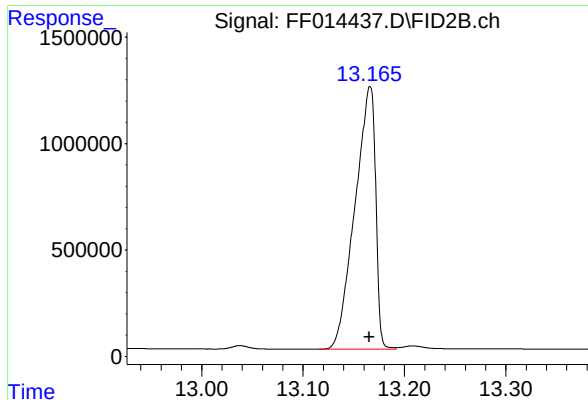
#11 ortho-Terphenyl (SURR)

R.T.: 11.815 min
Delta R.T.: 0.000 min
Response: 17722782
Conc: 106.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 17710554
Conc: 107.99 ug/ml



#13 Pyrene (C20.8)

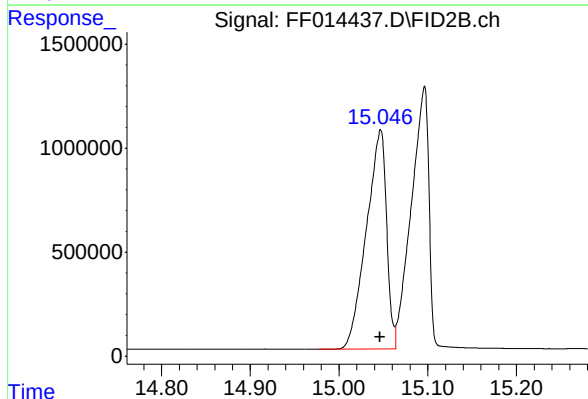
R.T.: 13.165 min
Delta R.T.: 0.000 min
Response: 17443991
Conc: 108.09 ug/ml

Instrument :

FID_F

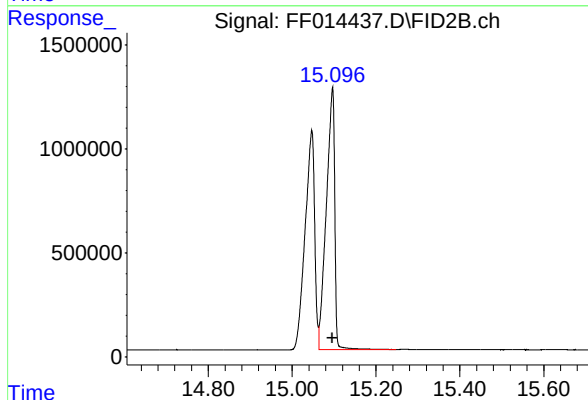
ClientSampleId :

100 PPM AROMATIC HC STD1



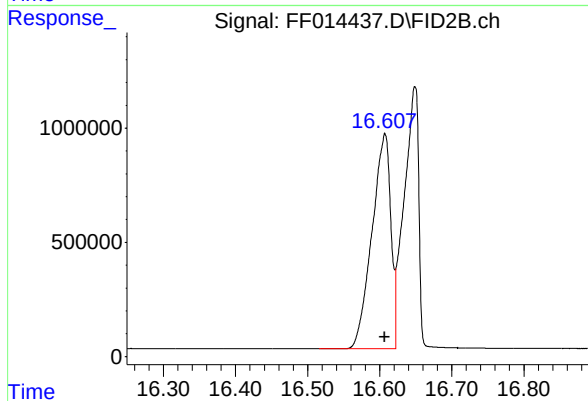
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.046 min
Delta R.T.: 0.000 min
Response: 16687594
Conc: 112.32 ug/ml



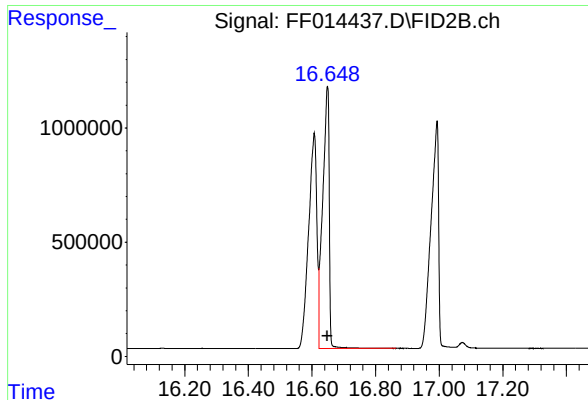
#15 Chrysene (C27.41)

R.T.: 15.095 min
Delta R.T.: 0.000 min
Response: 17590324
Conc: 103.29 ug/ml



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

R.T.: 16.607 min
Delta R.T.: 0.000 min
Response: 17087183
Conc: 111.24 ug/ml



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

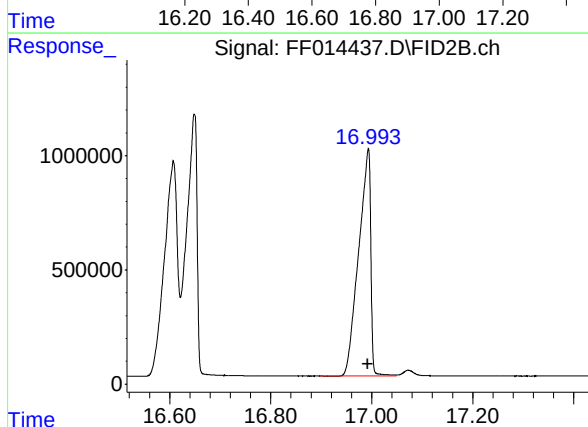
R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 16322071
Conc: 105.15 ug/ml

Instrument :

FID_F

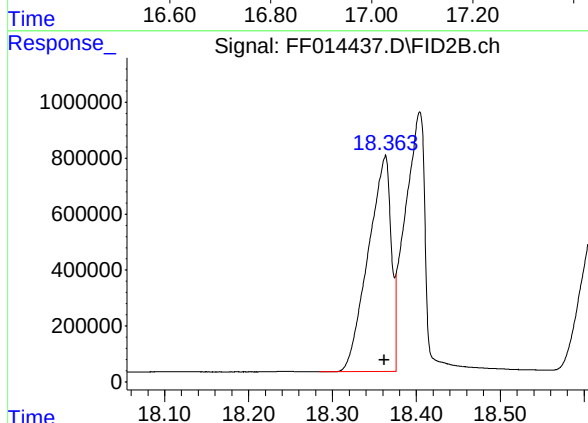
ClientSampleId :

100 PPM AROMATIC HC STD1



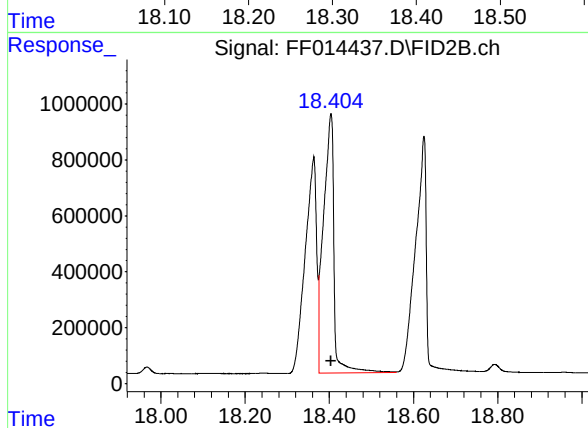
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.992 min
Delta R.T.: 0.000 min
Response: 16552852
Conc: 109.03 ug/ml



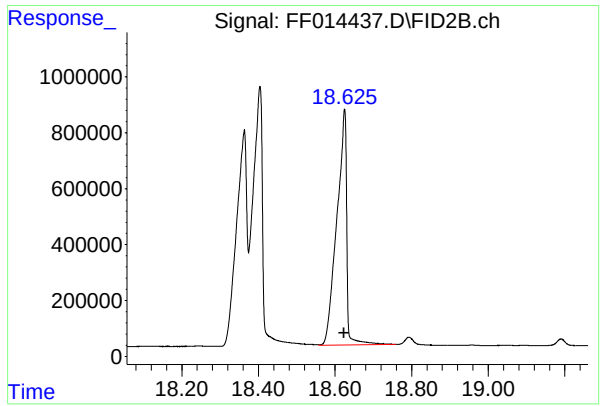
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.362 min
Delta R.T.: 0.000 min
Response: 14681674
Conc: 122.49 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.000 min
Response: 15980399
Conc: 103.52 ug/ml



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

R.T.: 18.624 min

Delta R.T.: 0.000 min

Response: 15186267

Conc: 105.72 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1