

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AR\
 Data File : FG014771.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 09:34
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 14 10:58:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 10:55:47 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...	8.005	11428998	97.329 ug/ml
Spiked Amount 50.000		Recovery =	194.66%
6) S 2-Fluorobiphenyl (SURR)	8.882	7702519	97.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.12%#
11) S ortho-Terphenyl (SURR)	11.954	12536730	97.316 ug/ml
Spiked Amount 50.000		Recovery =	194.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	12578568	97.519 ug/ml
2) T Naphthalene (C11.7)	6.279	12906931	97.128 ug/ml
3) T 2-Methylnaphthalene (...)	7.378	12639643	97.521 ug/ml
5) T Acenaphthylene (C15.06)	8.683	12848009	97.295 ug/ml
7) T Acenaphthene (C15.5)	8.985	12504115	97.282 ug/ml
8) T Fluorene (C16.55)	9.775	12592847	97.665 ug/ml
9) T Phenanthrene (C19.36)	11.183	12259196	97.787 ug/ml
10) T Anthracene (C19.43)	11.261	12172443	98.039 ug/ml
12) T Fluoranthene (C21.85)	13.008	12117187	97.953 ug/ml
13) T Pyrene (C20.8)	13.308	12024867	98.013 ug/ml
14) T Benzo[a]anthracene (C...	15.189	11437406	97.730 ug/ml
15) T Chrysene (C27.41)	15.236	11310882	97.269 ug/ml
16) T benzo[b]fluoranthene ...	16.749	11479837	97.476 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	11099992	96.835 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.132	10835751	96.481 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	11008873	97.835 ug/ml
20) T Dibenz[a,h]anthracene...	18.546	10567370	92.294 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	11451251	95.786 ug/ml

(f)=RT Delta > 1/2 Window

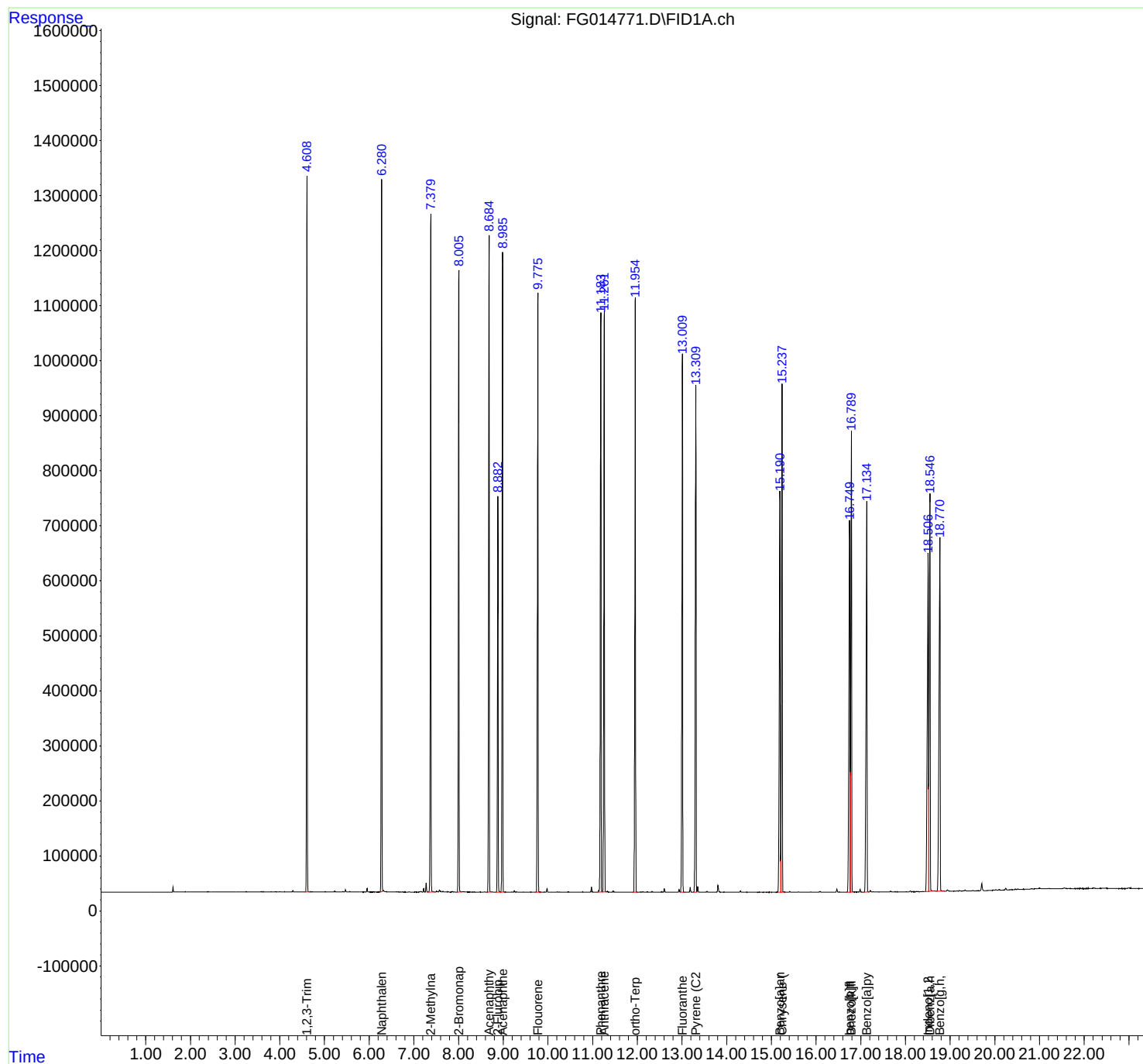
(m)=manual int.

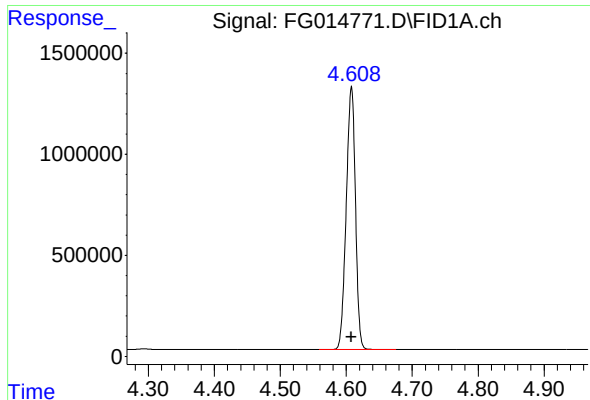
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11424AR\
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#1 1,2,3-Trimethylbenzene (C10.1)

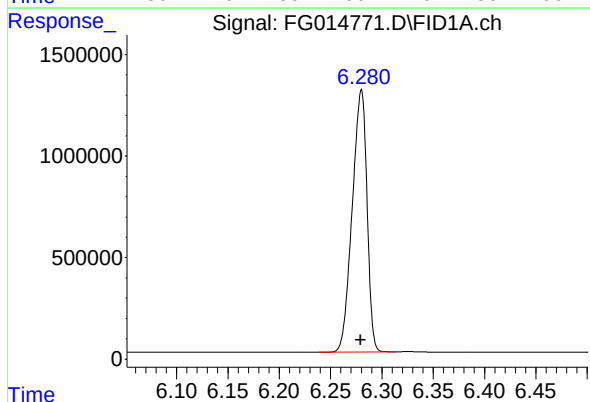
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 12578568
Conc: 97.52 ug/ml

Instrument :

FID_G

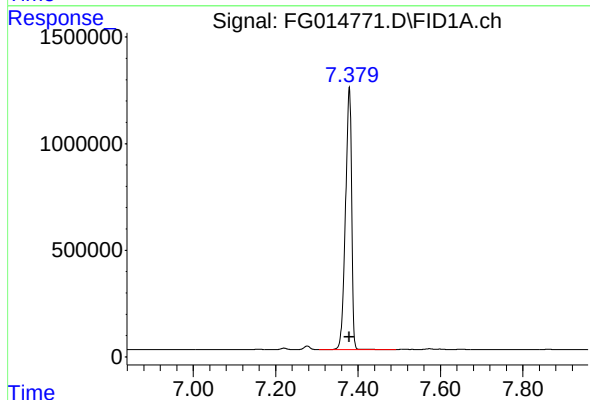
ClientSampleId :

100 PPM AROMATIC HC STD1



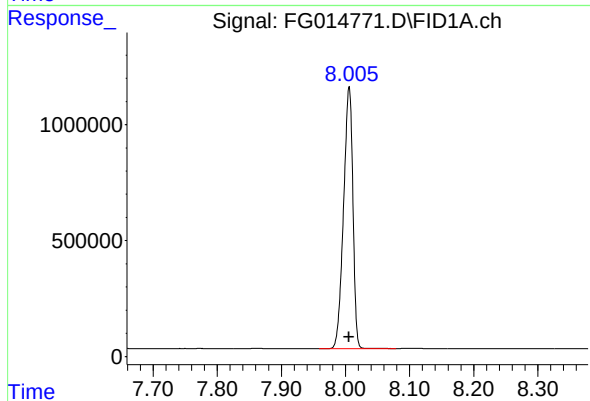
#2 Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 12906931
Conc: 97.13 ug/ml



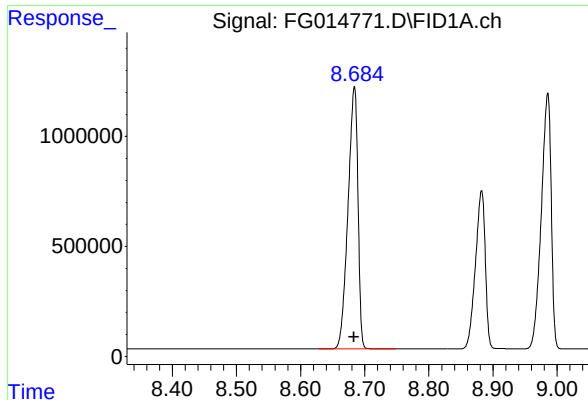
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 12639643
Conc: 97.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 11428998
Conc: 97.33 ug/ml



#5 Acenaphthylene (C15.06)

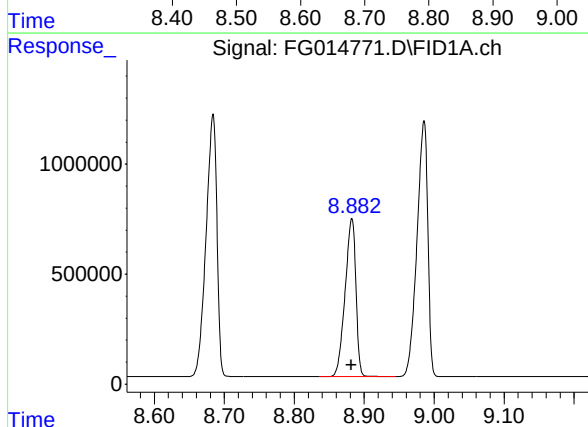
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 12848009
Conc: 97.29 ug/ml

Instrument :

FID_G

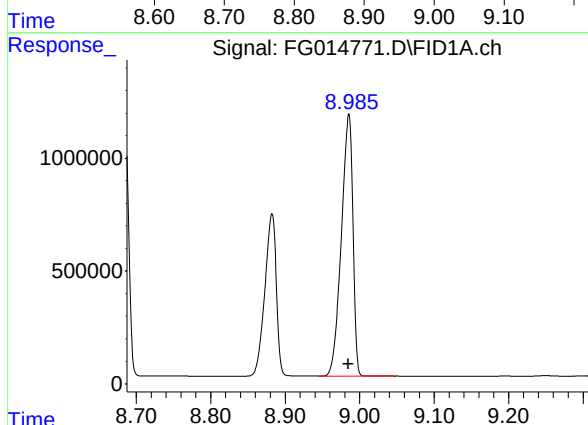
ClientSampleId :

100 PPM AROMATIC HC STD1



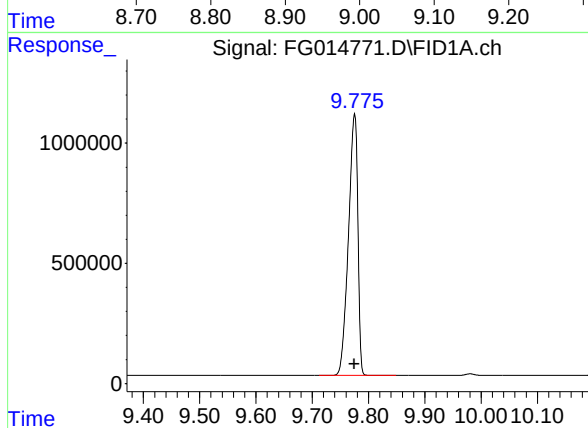
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 7702519
Conc: 97.56 ug/ml



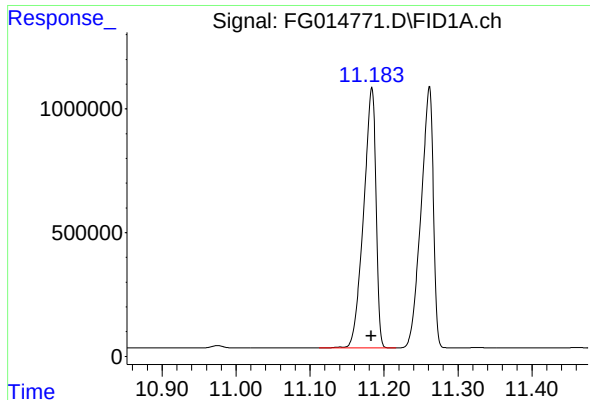
#7 Acenaphthene (C15.5)

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 12504115
Conc: 97.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 12592847
Conc: 97.66 ug/ml



#9 Phenanthrene (C19.36)

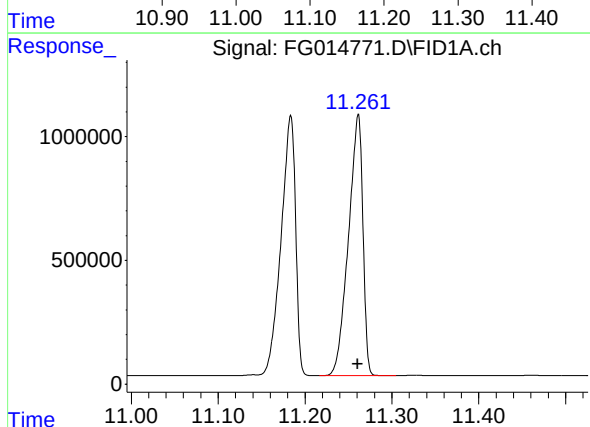
R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 12259196
Conc: 97.79 ug/ml

Instrument :

FID_G

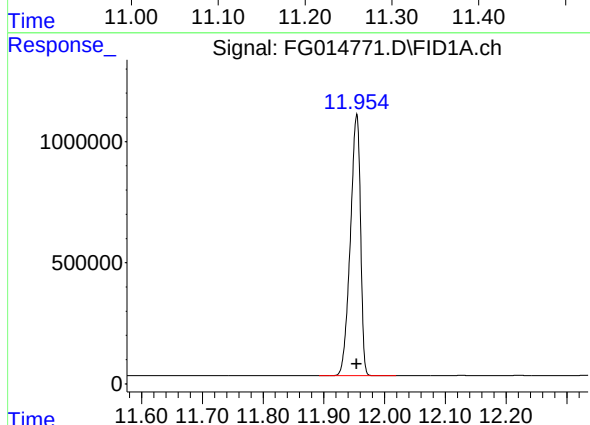
ClientSampleId :

100 PPM AROMATIC HC STD1



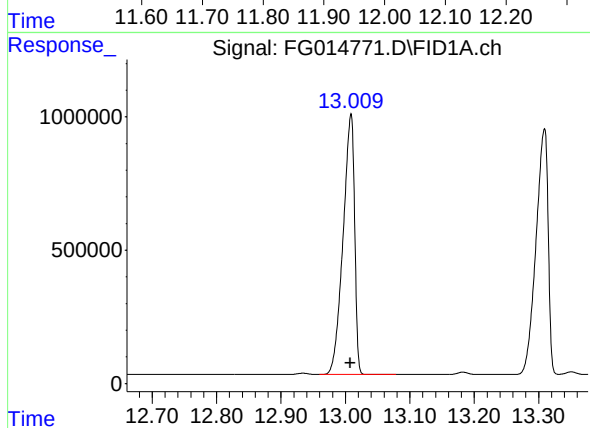
#10 Anthracene (C19.43)

R.T.: 11.261 min
Delta R.T.: 0.000 min
Response: 12172443
Conc: 98.04 ug/ml



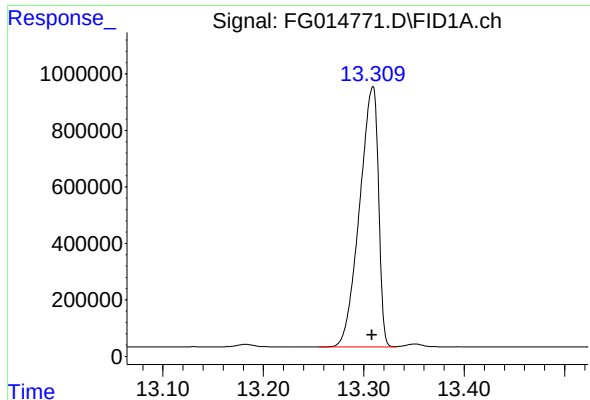
#11 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: 0.000 min
Response: 12536730
Conc: 97.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.008 min
Delta R.T.: 0.000 min
Response: 12117187
Conc: 97.95 ug/ml



#13 Pyrene (C20.8)

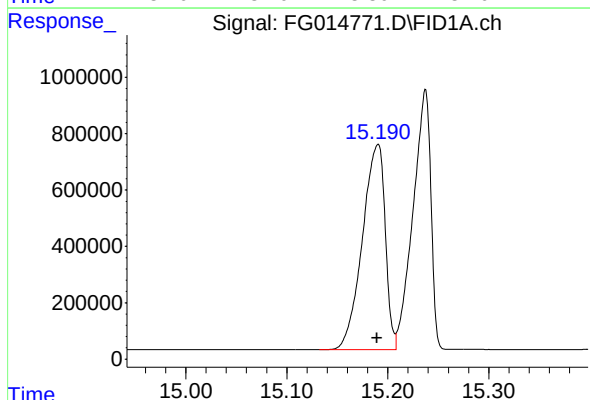
R.T.: 13.308 min
Delta R.T.: 0.000 min
Response: 12024867
Conc: 98.01 ug/ml

Instrument :

FID_G

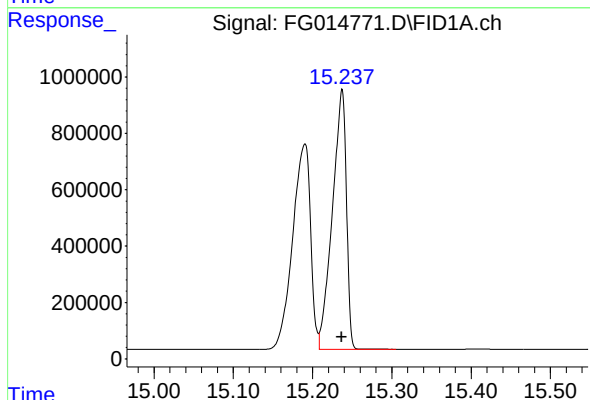
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100 PPM AROMATIC HC STD1



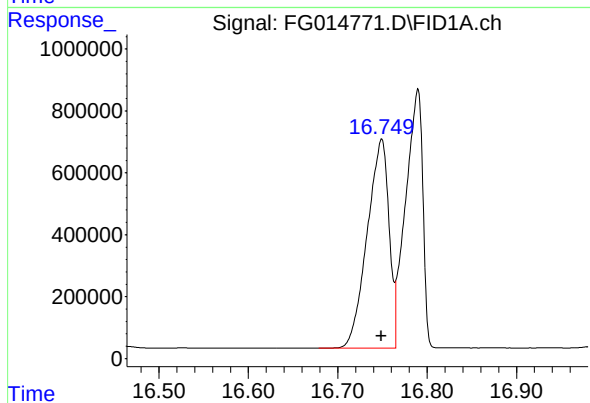
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.189 min
Delta R.T.: 0.000 min
Response: 11437406
Conc: 97.73 ug/ml



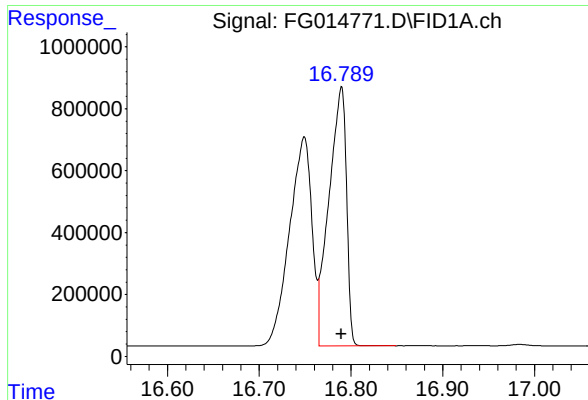
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: 0.000 min
Response: 11310882
Conc: 97.27 ug/ml



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

R.T.: 16.749 min
Delta R.T.: 0.000 min
Response: 11479837
Conc: 97.48 ug/ml



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

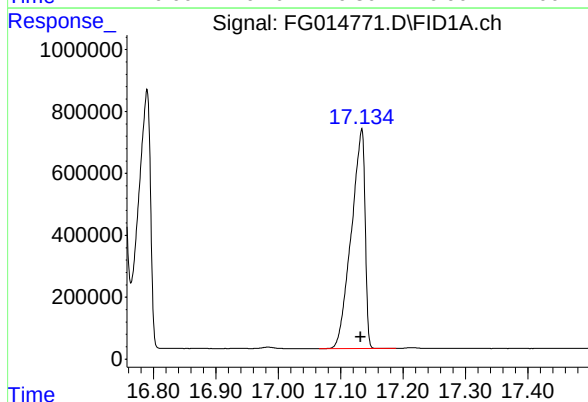
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 11099992
Conc: 96.84 ug/ml

Instrument :

FID_G

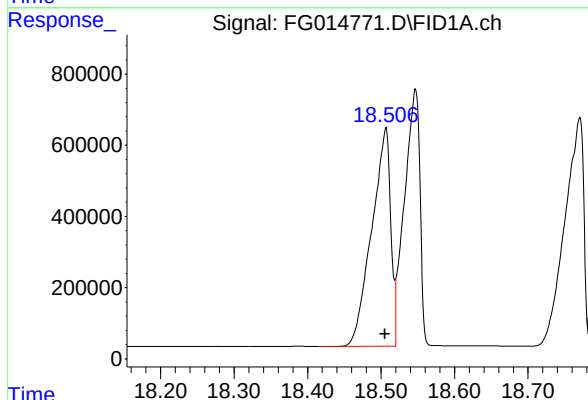
ClientSampleId :

100 PPM AROMATIC HC STD1



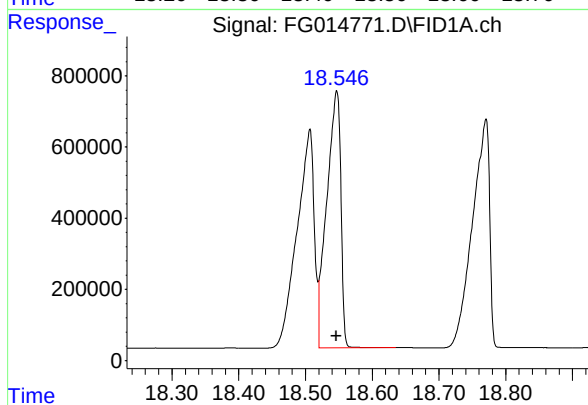
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 10835751
Conc: 96.48 ug/ml



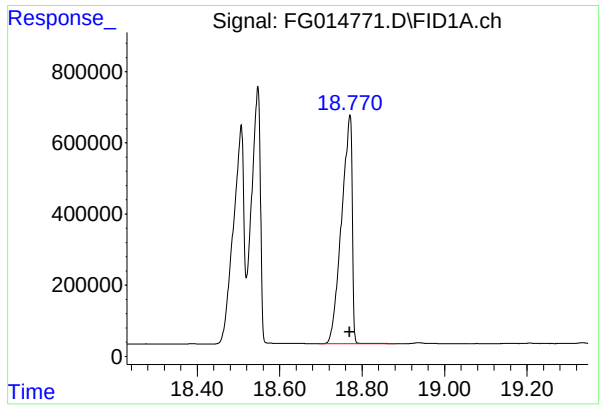
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 11008873
Conc: 97.84 ug/ml



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

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 10567370
Conc: 92.29 ug/ml



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

R.T.: 18.769 min

Delta R.T.: 0.000 min

Response: 11451251

Conc: 95.79 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM AROMATIC HC STD1