

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110624AR\
 Data File : FG014659.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 10:00
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 06 15:29:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 110624.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 15:26:20 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...	8.015	14220537	104.383 ug/ml
Spiked Amount 50.000		Recovery =	208.77%
6) S 2-Fluorobiphenyl (SURR)	8.892	9629989	104.575 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	209.15%#
11) S ortho-Terphenyl (SURR)	11.964	16162062	104.315 ug/ml
Spiked Amount 50.000		Recovery =	208.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.618	15924322	104.113 ug/ml
2) T Naphthalene (C11.7)	6.290	16672427	104.369 ug/ml
3) T 2-Methylnaphthalene (...)	7.389	16727772	104.403 ug/ml
5) T Acenaphthylene (C15.06)	8.694	16356843	104.281 ug/ml
7) T Acenaphthene (C15.5)	8.996	16373024	104.519 ug/ml
8) T Fluorene (C16.55)	9.785	15984775	104.435 ug/ml
9) T Phenanthrene (C19.36)	11.195	15960099	104.217 ug/ml
10) T Anthracene (C19.43)	11.272	14796531	103.932 ug/ml
12) T Fluoranthene (C21.85)	13.021	15741489	104.213 ug/ml
13) T Pyrene (C20.8)	13.321	15574698	104.203 ug/ml
14) T Benzo[a]anthracene (C...	15.202	14459682	103.257 ug/ml
15) T Chrysene (C27.41)	15.252	14587265	102.984 ug/ml
16) T benzo[b]fluoranthene ...	16.764	14626633	103.180 ug/ml
17) T Bnezo[k]fluoranthene ...	16.804	13312275	102.591 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.149	13999534	102.295 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.523	13660784	103.753 ug/ml
20) T Dibenz[a,h]anthracene...	18.562	12516523	96.329 ug/ml
21) T Benzo[g,h,i]perylene ...	18.787	13958294	101.577 ug/ml

(f)=RT Delta > 1/2 Window

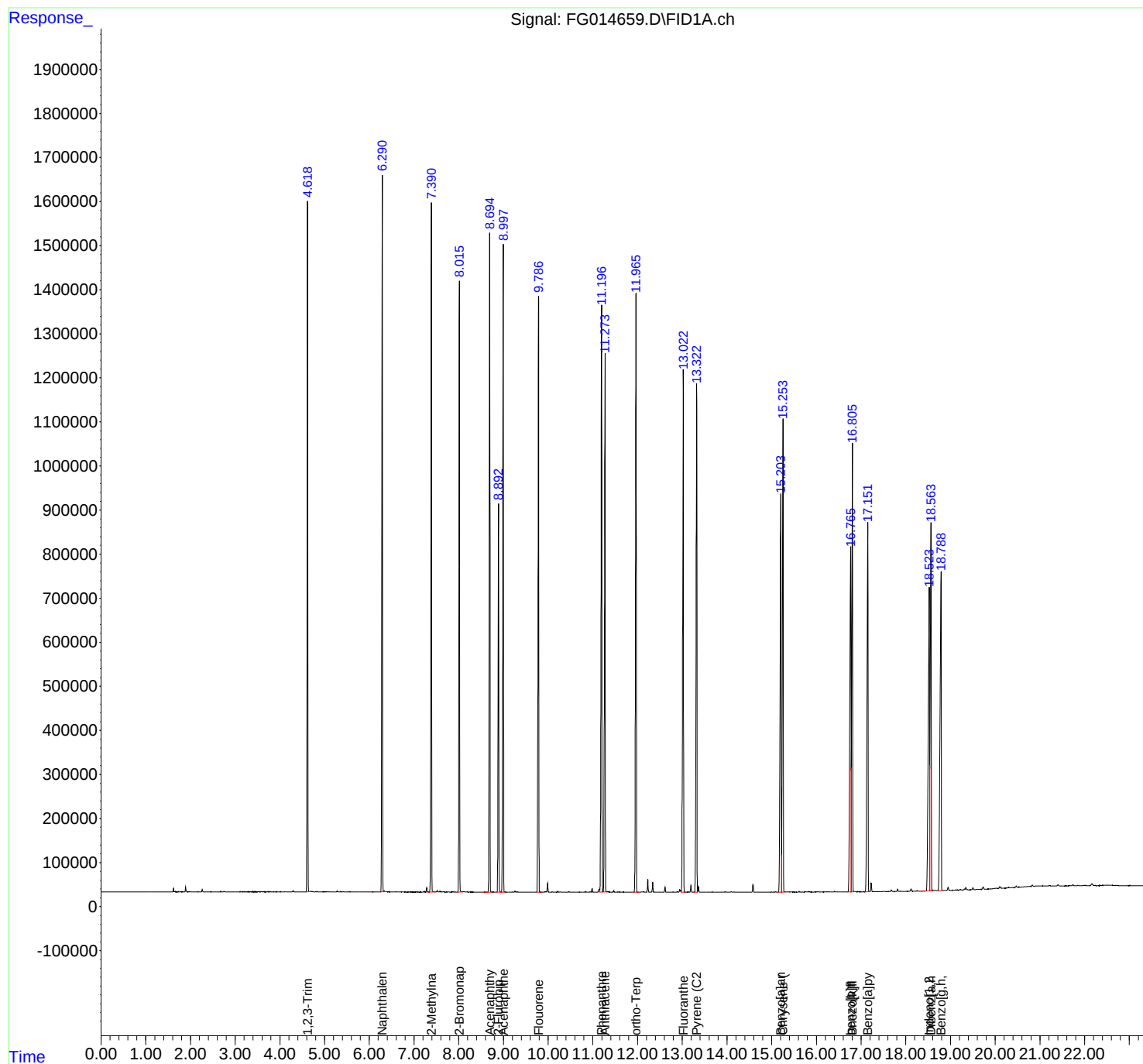
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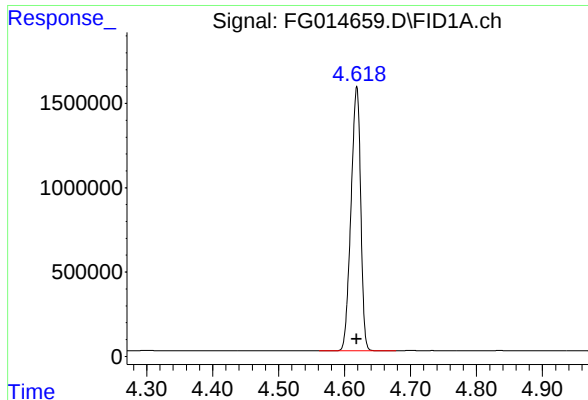
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#1 1,2,3-Trimethylbenzene (C10.1)

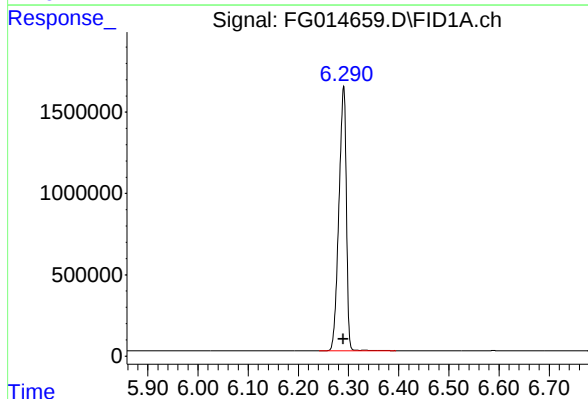
R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 15924322
Conc: 104.11 ug/ml

Instrument :

FID_G

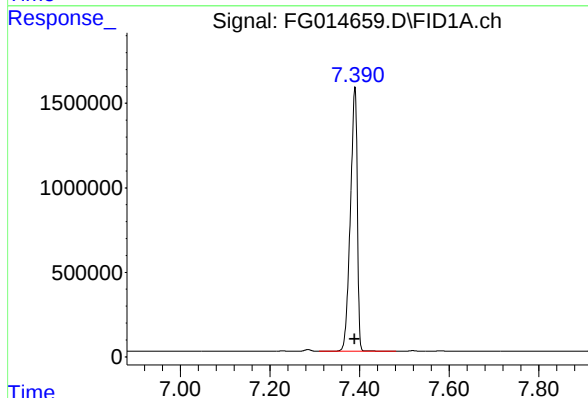
ClientSampleId :

100 PPM AROMATIC HC STD1



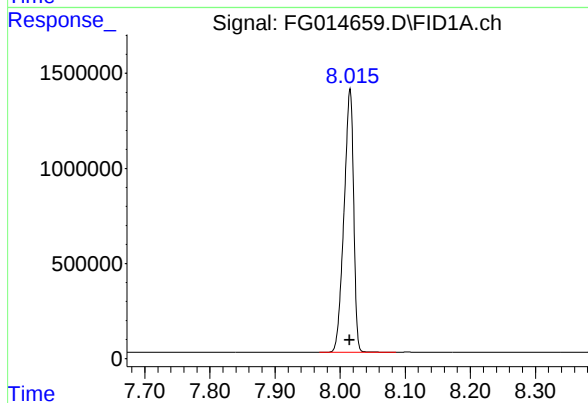
#2 Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 16672427
Conc: 104.37 ug/ml



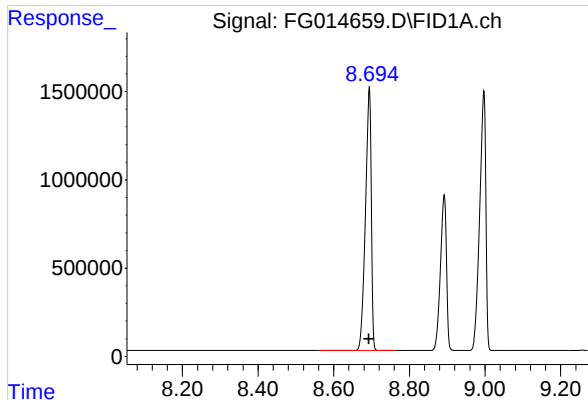
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 16727772
Conc: 104.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 14220537
Conc: 104.38 ug/ml



#5 Acenaphthylene (C15.06)

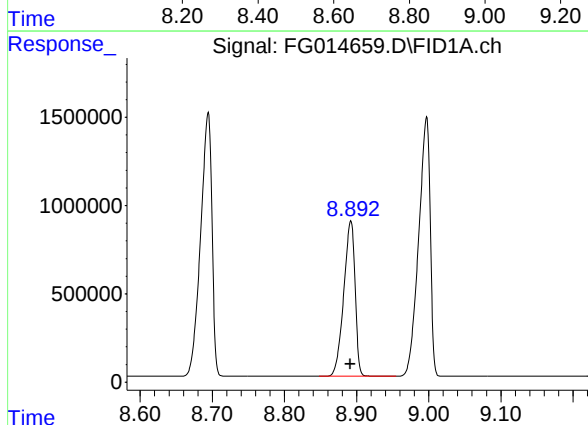
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 16356843
Conc: 104.28 ug/ml

Instrument :

FID_G

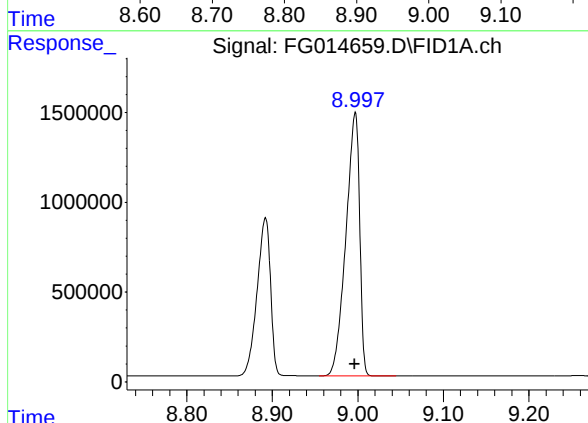
ClientSampleId :

100 PPM AROMATIC HC STD1



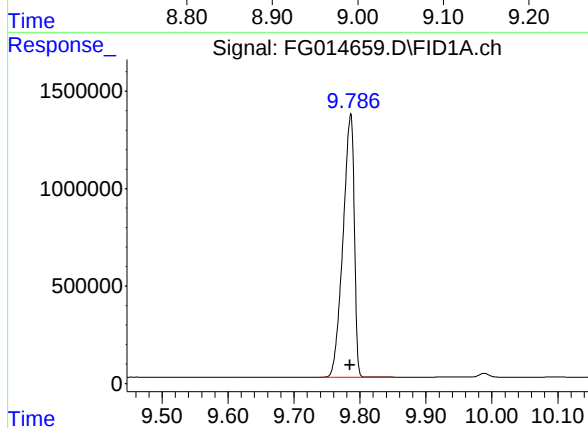
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 9629989
Conc: 104.58 ug/ml



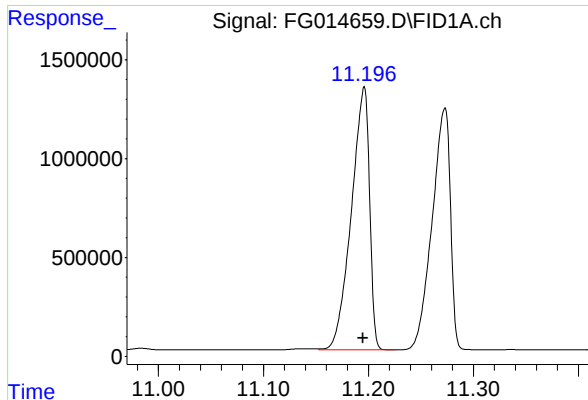
#7 Acenaphthene (C15.5)

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 16373024
Conc: 104.52 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 15984775
Conc: 104.44 ug/ml



#9 Phenanthrene (C19.36)

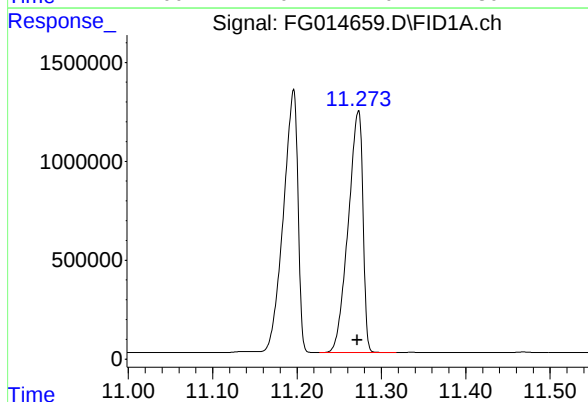
R.T.: 11.195 min
Delta R.T.: 0.000 min
Response: 15960099
Conc: 104.22 ug/ml

Instrument :

FID_G

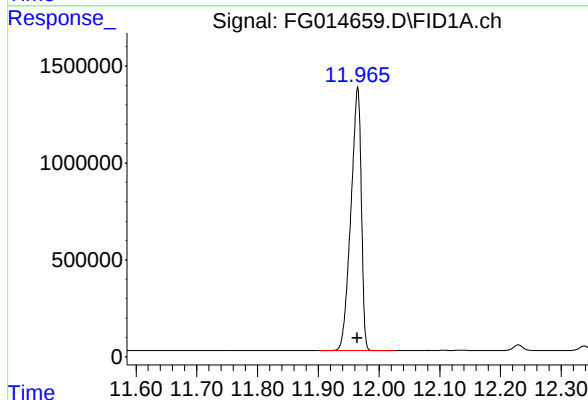
ClientSampleId :

100 PPM AROMATIC HC STD1



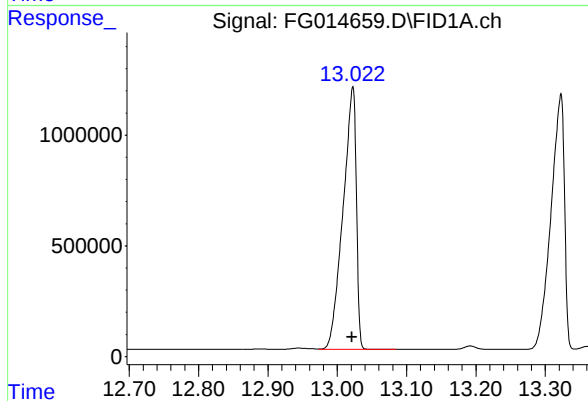
#10 Anthracene (C19.43)

R.T.: 11.272 min
Delta R.T.: 0.000 min
Response: 14796531
Conc: 103.93 ug/ml



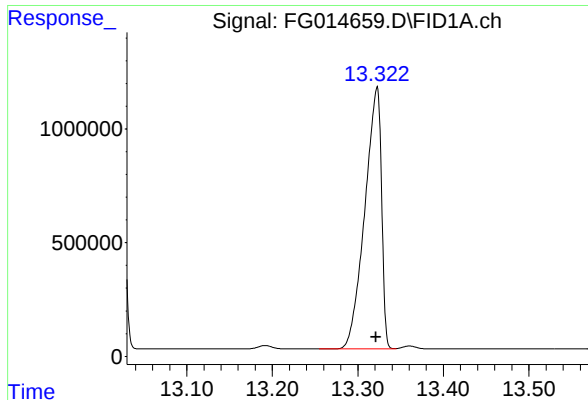
#11 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: 0.000 min
Response: 16162062
Conc: 104.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 15741489
Conc: 104.21 ug/ml



#13 Pyrene (C20.8)

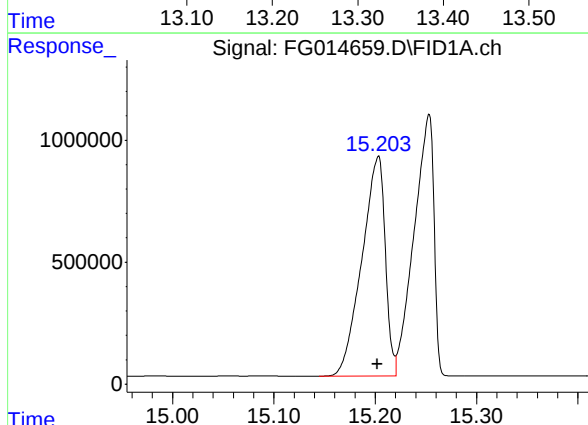
R.T.: 13.321 min
Delta R.T.: 0.000 min
Response: 15574698
Conc: 104.20 ug/ml

Instrument :

FID_G

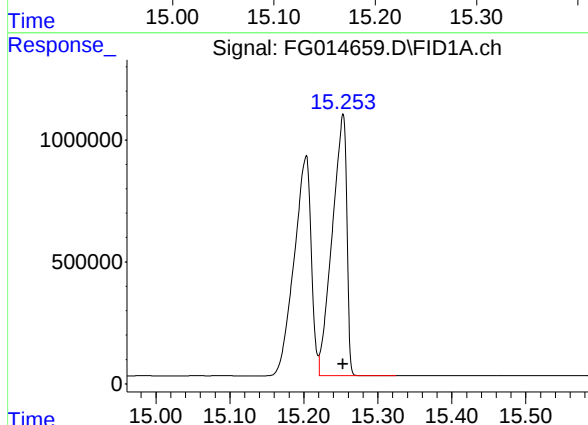
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100 PPM AROMATIC HC STD1



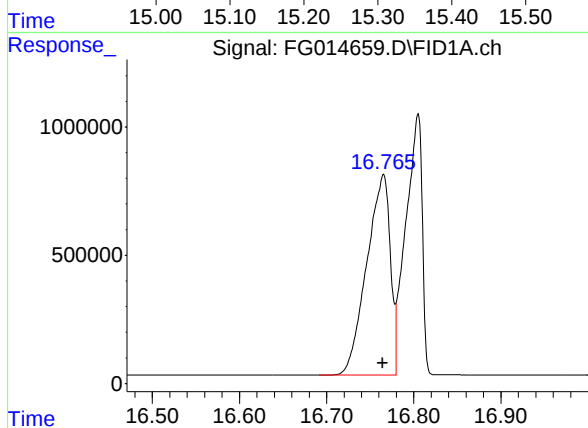
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 14459682
Conc: 103.26 ug/ml



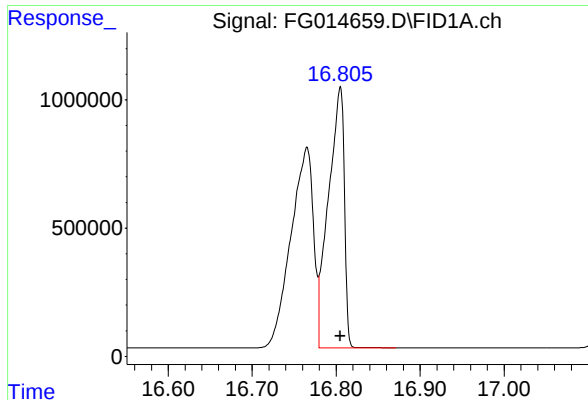
#15 Chrysene (C27.41)

R.T.: 15.252 min
Delta R.T.: -0.001 min
Response: 14587265
Conc: 102.98 ug/ml



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

R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 14626633
Conc: 103.18 ug/ml



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

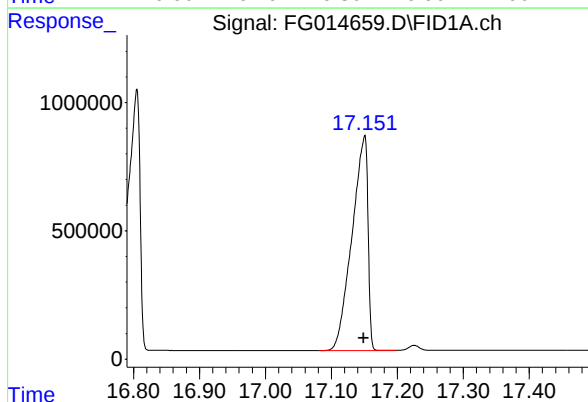
R.T.: 16.804 min
Delta R.T.: 0.000 min
Response: 13312275
Conc: 102.59 ug/ml

Instrument :

FID_G

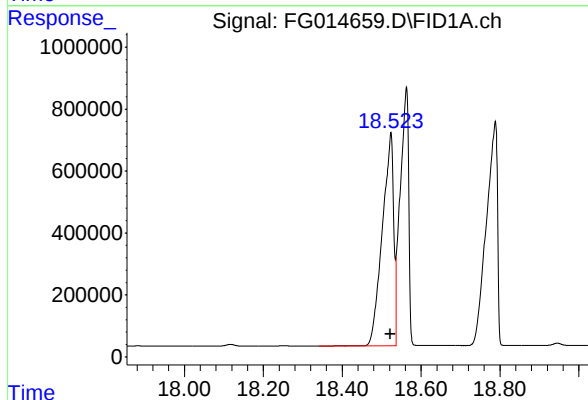
ClientSampleId :

100 PPM AROMATIC HC STD1



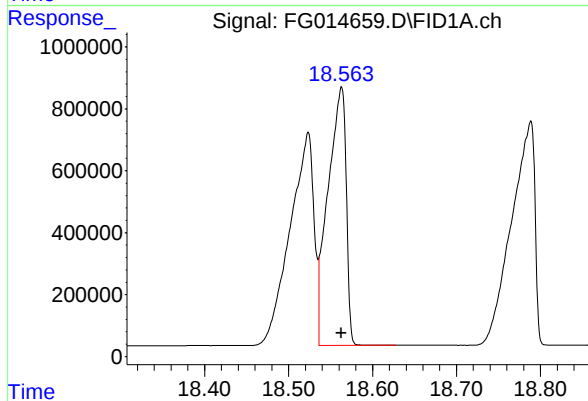
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.149 min
Delta R.T.: 0.000 min
Response: 13999534
Conc: 102.30 ug/ml



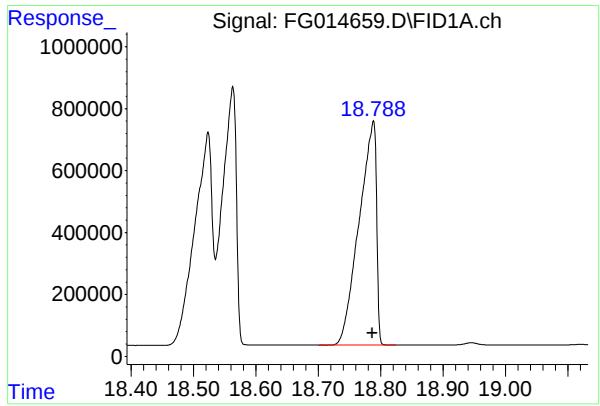
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.523 min
Delta R.T.: 0.000 min
Response: 13660784
Conc: 103.75 ug/ml



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

R.T.: 18.562 min
Delta R.T.: 0.000 min
Response: 12516523
Conc: 96.33 ug/ml



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

R.T.: 18.787 min
Delta R.T.: 0.000 min
Response: 13958294
Conc: 101.58 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM AROMATIC HC STD1