

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525AR\
 Data File : FG015404.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 13:56
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 25 15:13:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 15:11:10 2025
 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...	7.990	11171024	97.453 ug/ml
Spiked Amount 50.000		Recovery =	194.91%
6) S 2-Fluorobiphenyl (SURR)	8.870	7465403	97.061 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.12%#
11) S ortho-Terphenyl (SURR)	11.945	12426139	96.280 ug/ml
Spiked Amount 50.000		Recovery =	192.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.577	12249321	96.840 ug/ml
2) T Naphthalene (C11.7)	6.259	12634318	97.547 ug/ml
3) T 2-Methylnaphthalene (...)	7.362	12311423	97.395 ug/ml
5) T Acenaphthylene (C15.06)	8.671	12496600	97.020 ug/ml
7) T Acenaphthene (C15.5)	8.972	12230053	96.826 ug/ml
8) T Fluorene (C16.55)	9.765	12288246	96.867 ug/ml
9) T Phenanthrene (C19.36)	11.178	11850151	96.522 ug/ml
10) T Anthracene (C19.43)	11.255	11434053	96.067 ug/ml
12) T Fluoranthene (C21.85)	13.009	11745862	96.337 ug/ml
13) T Pyrene (C20.8)	13.311	11639231	96.592 ug/ml
14) T Benzo[a]anthracene (C...	15.199	11325955	96.208 ug/ml
15) T Chrysene (C27.41)	15.245	11285314	95.098 ug/ml
16) T benzo[b]fluoranthene ...	16.766	11887324	96.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.805	11567698	95.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.151	11450305	95.265 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.531	11556821	97.445 ug/ml
20) T Dibenz[a,h]anthracene...	18.569	11347053	90.852 ug/ml
21) T Benzo[g,h,i]perylene ...	18.794	11579430	93.015 ug/ml

(f)=RT Delta > 1/2 Window

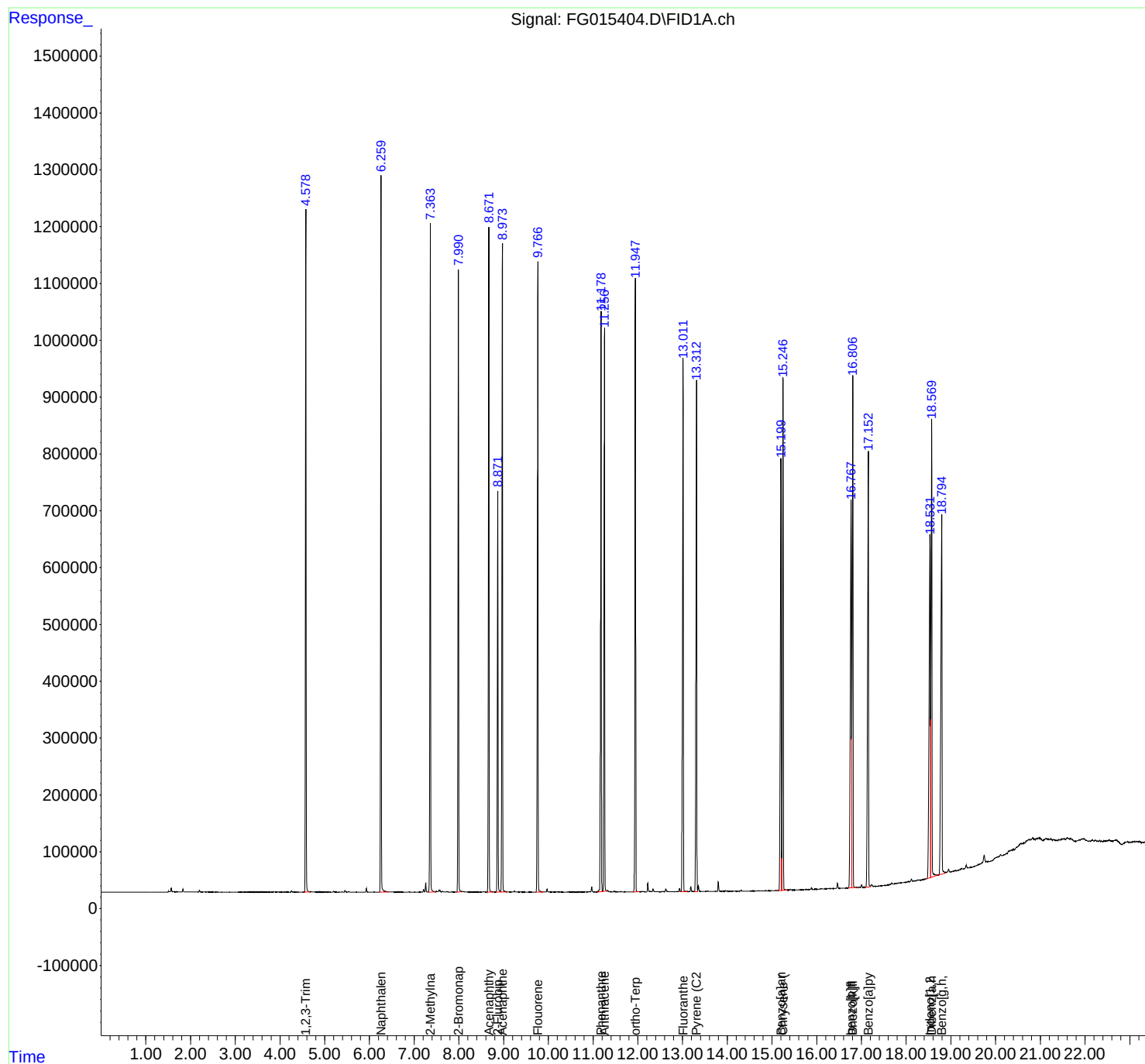
(m)=manual int.

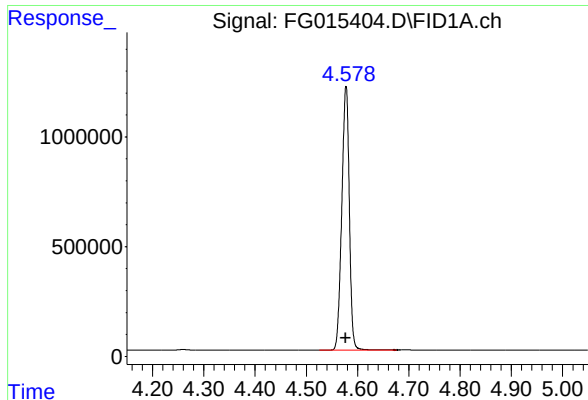
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#1 1,2,3-Trimethylbenzene (C10.1)

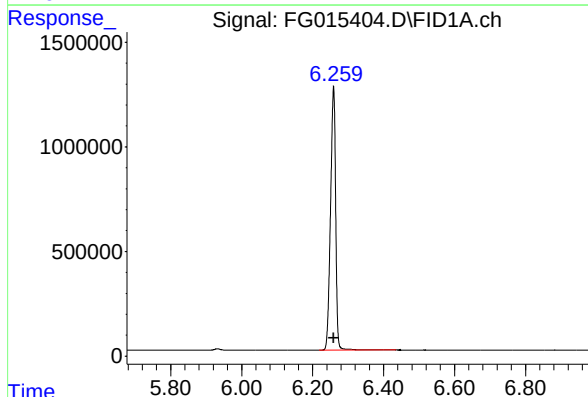
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 12249321
Conc: 96.84 ug/ml

Instrument :

FID_G

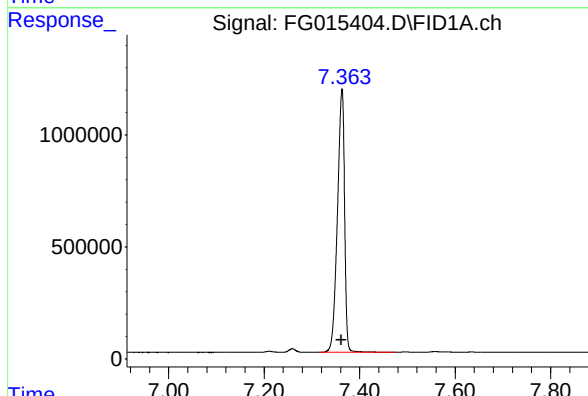
ClientSampleId :

100 PPM AROMATIC HC STD1



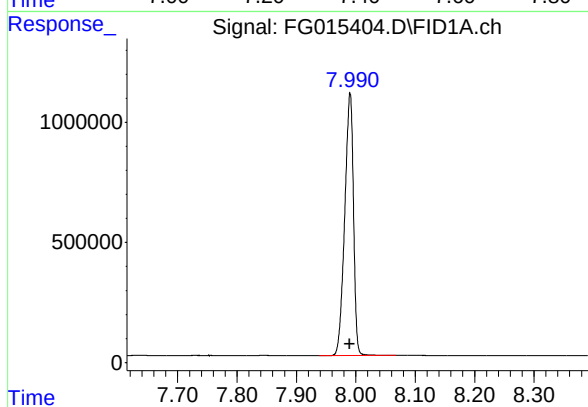
#2 Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 12634318
Conc: 97.55 ug/ml



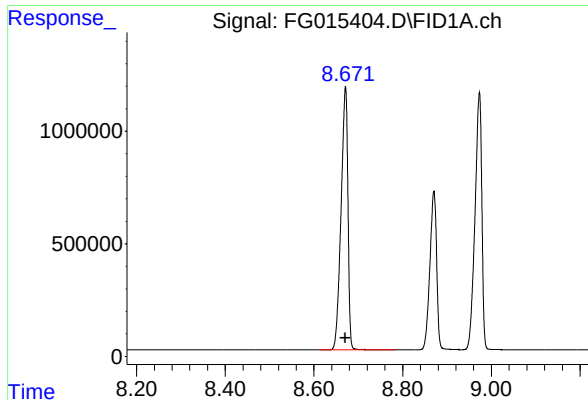
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 12311423
Conc: 97.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 11171024
Conc: 97.45 ug/ml



#5 Acenaphthylene (C15.06)

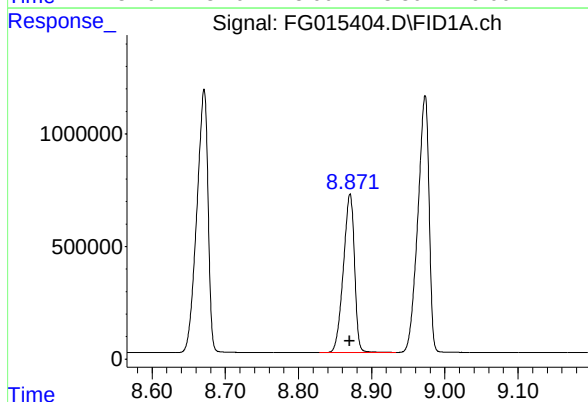
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 12496600
Conc: 97.02 ug/ml

Instrument :

FID_G

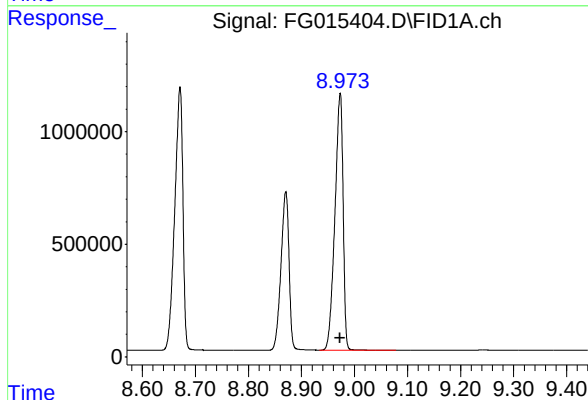
ClientSampleId :

100 PPM AROMATIC HC STD1



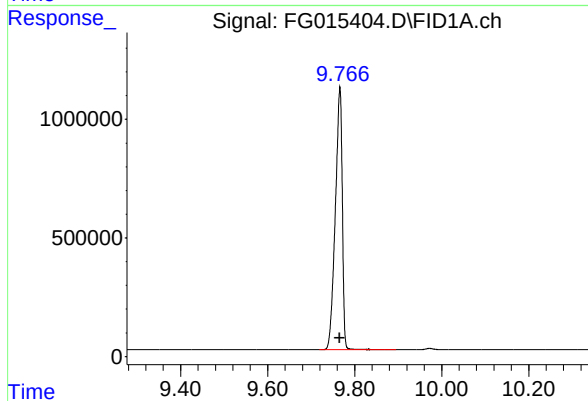
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 7465403
Conc: 97.06 ug/ml



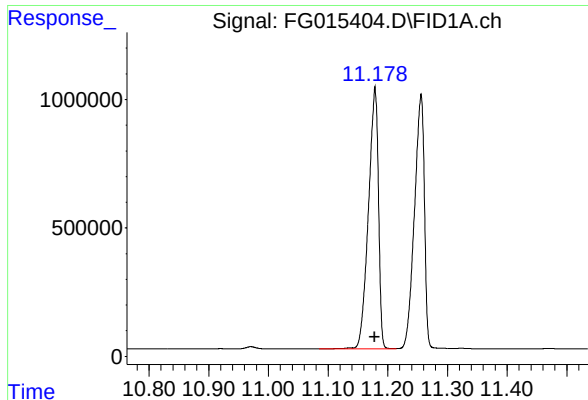
#7 Acenaphthene (C15.5)

R.T.: 8.972 min
Delta R.T.: 0.000 min
Response: 12230053
Conc: 96.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.765 min
Delta R.T.: 0.000 min
Response: 12288246
Conc: 96.87 ug/ml



#9 Phenanthrene (C19.36)

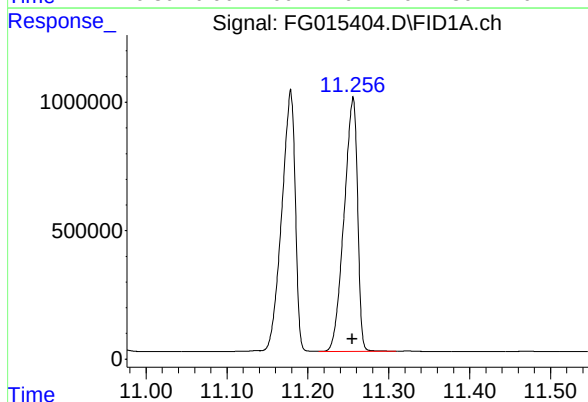
R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 11850151
Conc: 96.52 ug/ml

Instrument :

FID_G

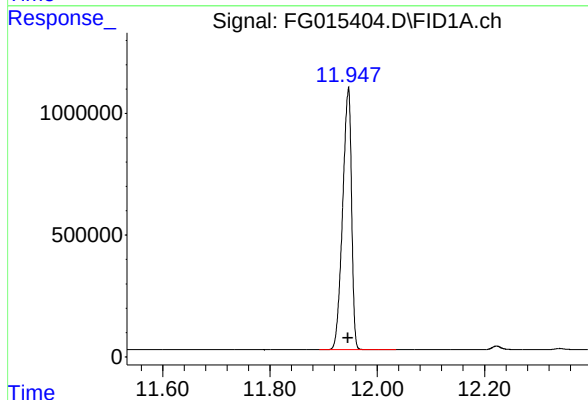
ClientSampleId :

100 PPM AROMATIC HC STD1



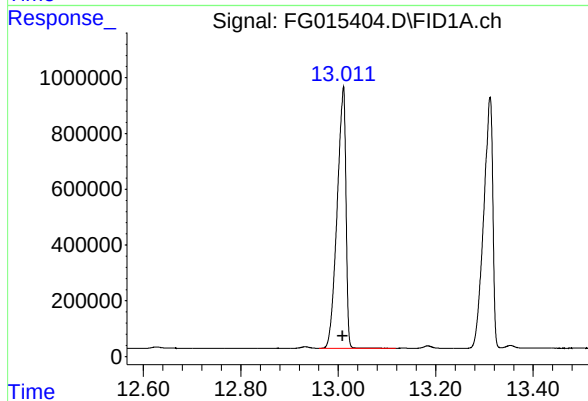
#10 Anthracene (C19.43)

R.T.: 11.255 min
Delta R.T.: 0.000 min
Response: 11434053
Conc: 96.07 ug/ml



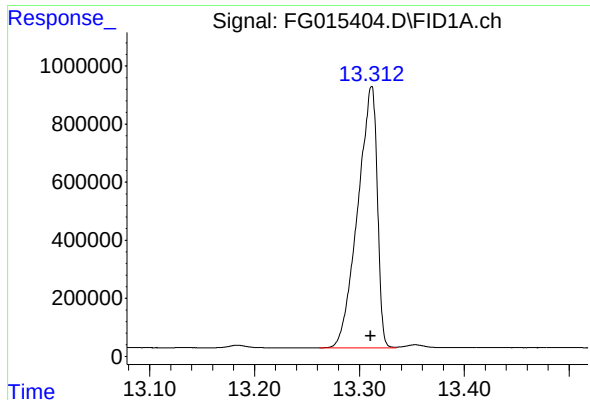
#11 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.000 min
Response: 12426139
Conc: 96.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 11745862
Conc: 96.34 ug/ml



#13 Pyrene (C20.8)

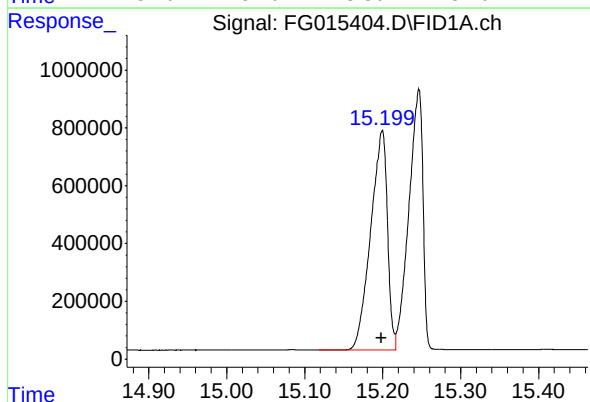
R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 11639231
Conc: 96.59 ug/ml

Instrument :

FID_G

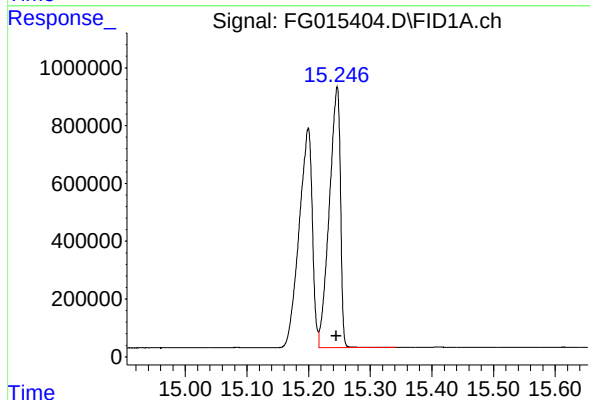
ClientSampleId :

100 PPM AROMATIC HC STD1



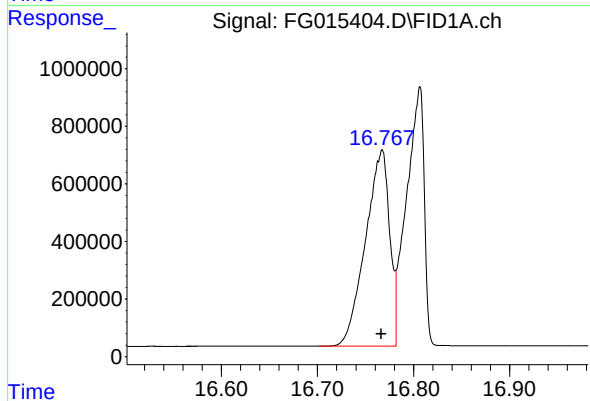
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.199 min
Delta R.T.: 0.000 min
Response: 11325955
Conc: 96.21 ug/ml



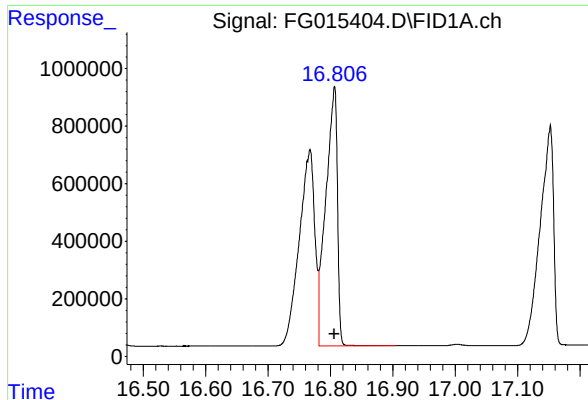
#15 Chrysene (C27.41)

R.T.: 15.245 min
Delta R.T.: 0.000 min
Response: 11285314
Conc: 95.10 ug/ml



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

R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 11887324
Conc: 96.21 ug/ml



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

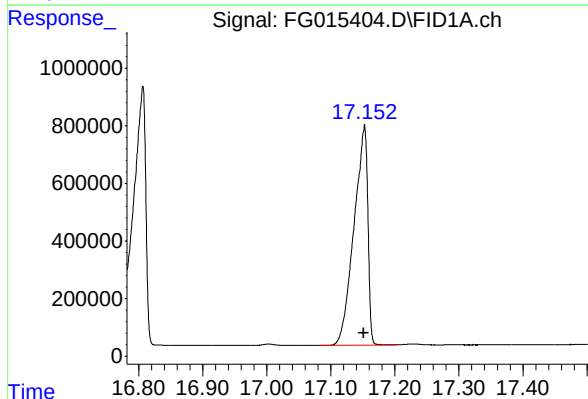
R.T.: 16.805 min
Delta R.T.: -0.001 min
Response: 11567698
Conc: 95.69 ug/ml

Instrument :

FID_G

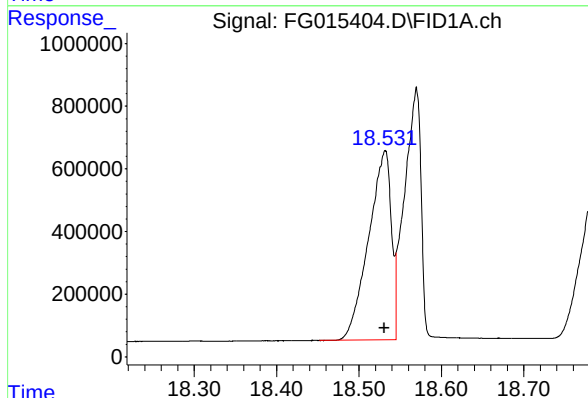
ClientSampleId :

100 PPM AROMATIC HC STD1



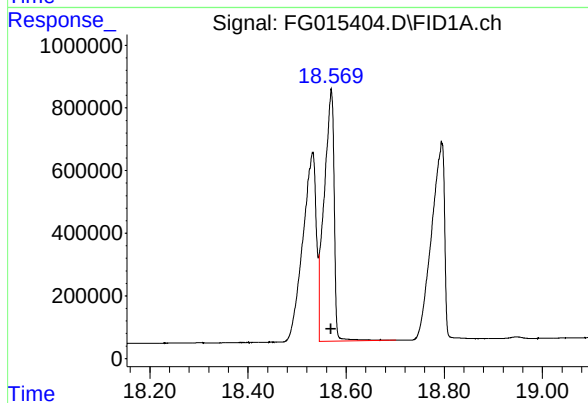
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.151 min
Delta R.T.: 0.000 min
Response: 11450305
Conc: 95.26 ug/ml



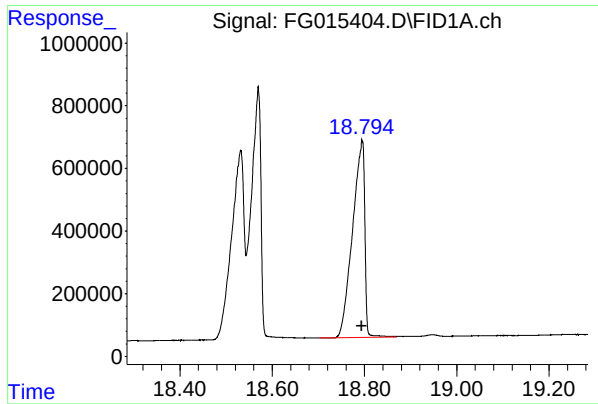
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.531 min
Delta R.T.: 0.000 min
Response: 11556821
Conc: 97.45 ug/ml



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

R.T.: 18.569 min
Delta R.T.: 0.000 min
Response: 11347053
Conc: 90.85 ug/ml



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

R.T.: 18.794 min

Delta R.T.: 0.000 min

Response: 11579430

Conc: 93.01 ug/ml

Instrument :

FID_G

ClientSampleId :

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