

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AR\
 Data File : FG014953.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 15:42
 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: Dec 10 17:08:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 17:02:40 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...	8.002	11232635	97.780 ug/ml
Spiked Amount 50.000		Recovery =	195.56%
6) S 2-Fluorobiphenyl (SURR)	8.878	7512166	98.450 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.90%#
11) S ortho-Terphenyl (SURR)	11.951	12592089	97.631 ug/ml
Spiked Amount 50.000		Recovery =	195.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	12406951	97.328 ug/ml
2) T Naphthalene (C11.7)	6.275	12588299	97.305 ug/ml
3) T 2-Methylnaphthalene (...)	7.375	12382277	97.922 ug/ml
5) T Acenaphthylene (C15.06)	8.680	12687381	97.921 ug/ml
7) T Acenaphthene (C15.5)	8.982	12396568	97.936 ug/ml
8) T Fluorene (C16.55)	9.771	12373232	98.430 ug/ml
9) T Phenanthrene (C19.36)	11.181	12063512	98.518 ug/ml
10) T Anthracene (C19.43)	11.258	11504509	98.433 ug/ml
12) T Fluoranthene (C21.85)	13.007	12023505	98.373 ug/ml
13) T Pyrene (C20.8)	13.307	11962092	98.377 ug/ml
14) T Benzo[a]anthracene (C...	15.188	11233062	97.683 ug/ml
15) T Chrysene (C27.41)	15.235	11254341	96.810 ug/ml
16) T benzo[b]fluoranthene ...	16.749	11562461	97.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	11217585	95.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.134	10938836	96.267 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	10676306	96.993 ug/ml
20) T Dibenz[a,h]anthracene...	18.546	10491038	89.393 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	11256509	93.224 ug/ml

(f)=RT Delta > 1/2 Window

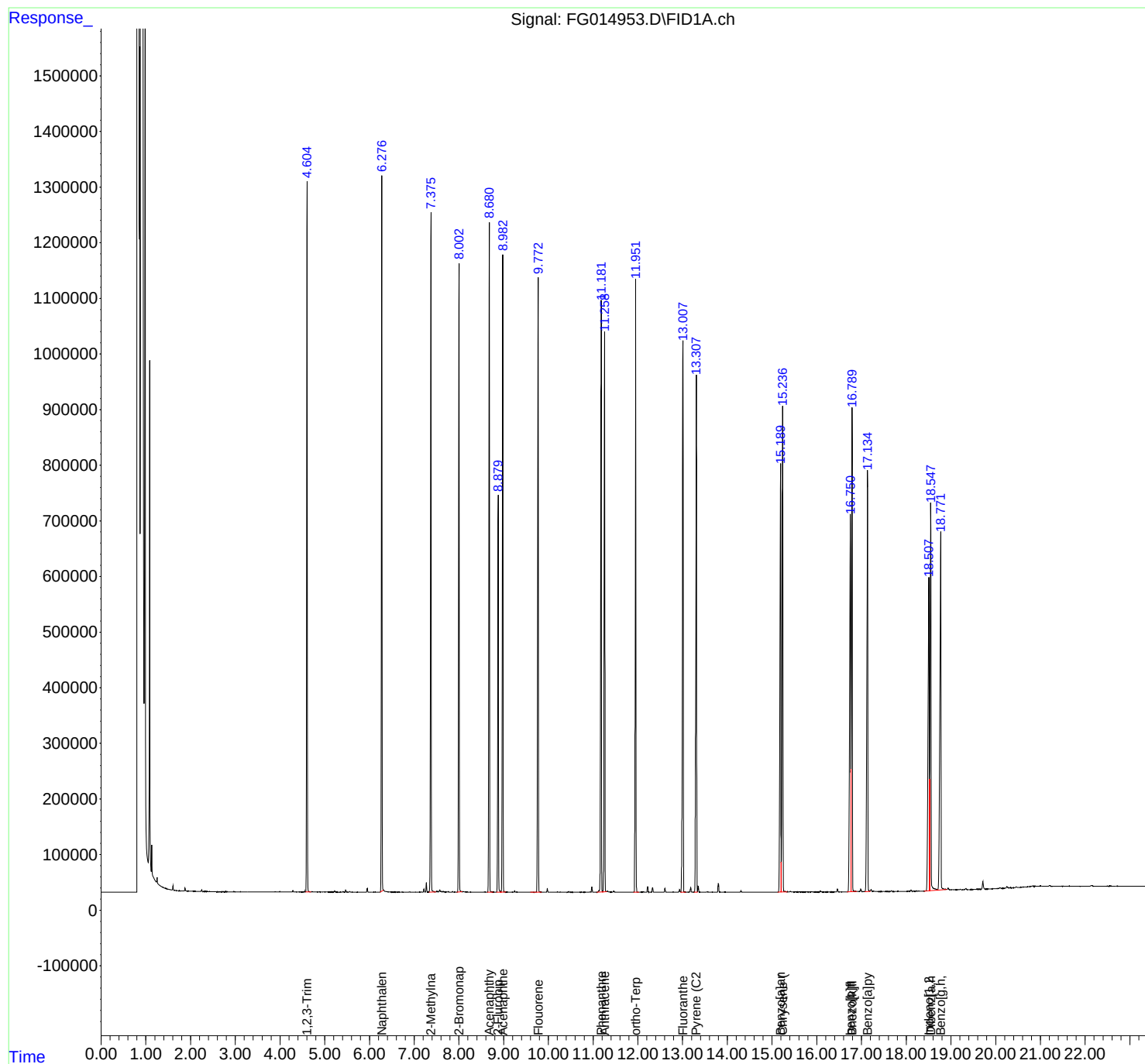
(m)=manual int.

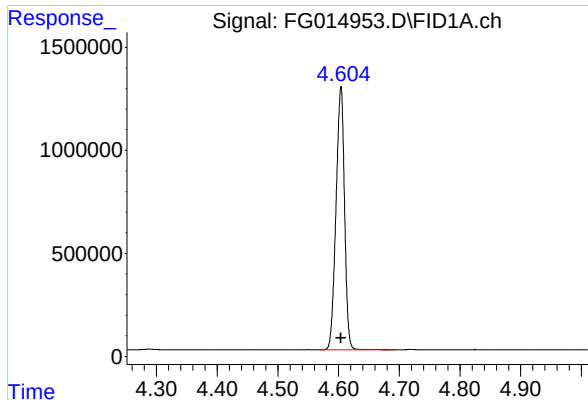
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#1 1,2,3-Trimethylbenzene (C10.1)

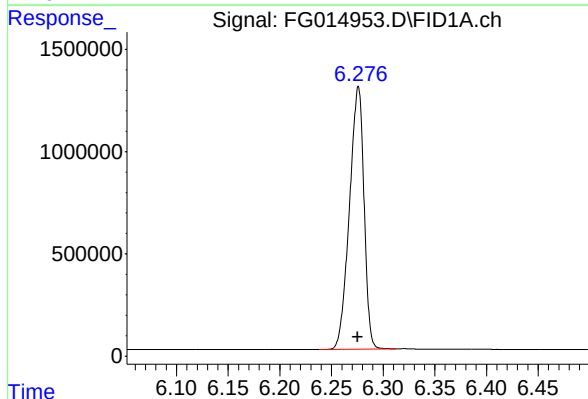
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 12406951
Conc: 97.33 ug/ml

Instrument :

FID_G

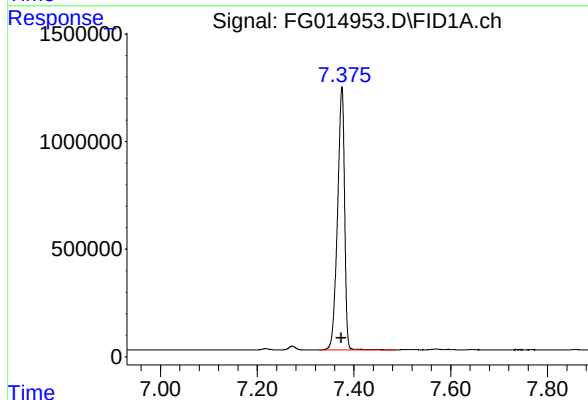
ClientSampleId :

100 PPM AROMATIC HC STD1



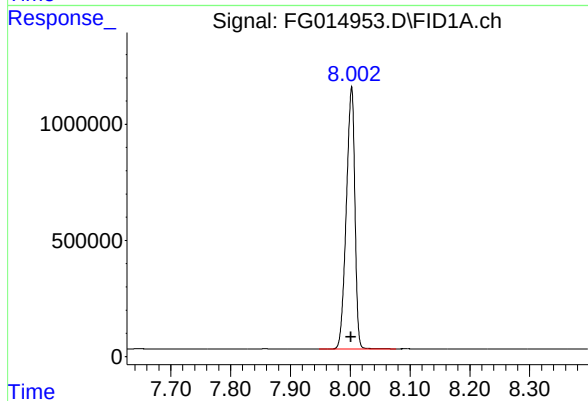
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 12588299
Conc: 97.30 ug/ml



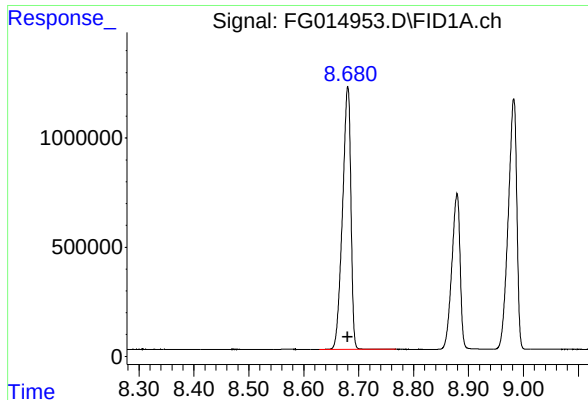
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 12382277
Conc: 97.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 11232635
Conc: 97.78 ug/ml



#5 Acenaphthylene (C15.06)

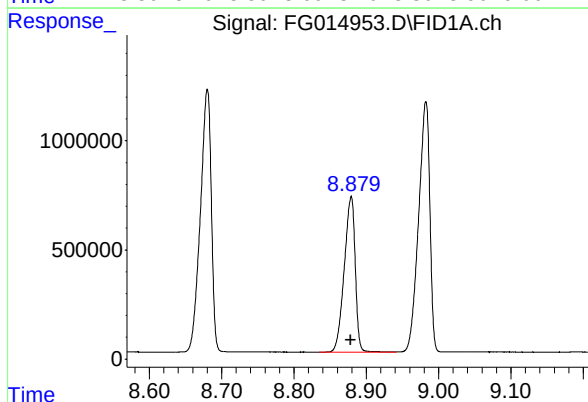
R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 12687381
Conc: 97.92 ug/ml

Instrument :

FID_G

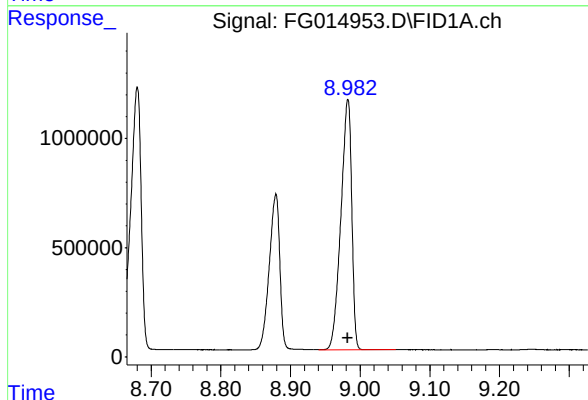
ClientSampleId :

100 PPM AROMATIC HC STD1



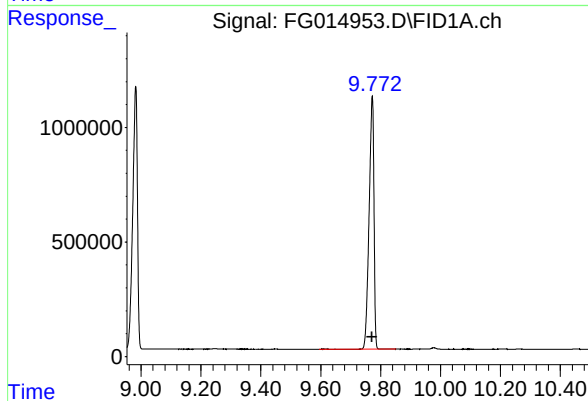
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 7512166
Conc: 98.45 ug/ml



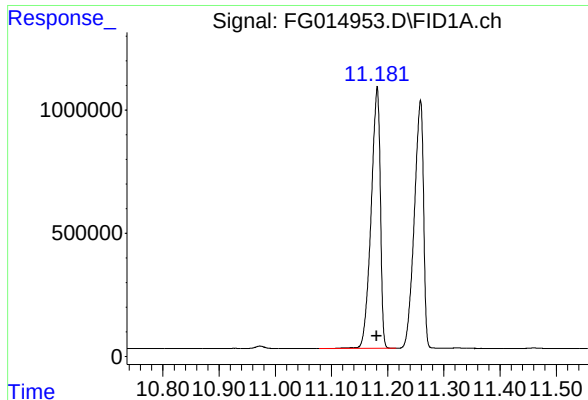
#7 Acenaphthene (C15.5)

R.T.: 8.982 min
Delta R.T.: 0.000 min
Response: 12396568
Conc: 97.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.771 min
Delta R.T.: 0.000 min
Response: 12373232
Conc: 98.43 ug/ml



#9 Phenanthrene (C19.36)

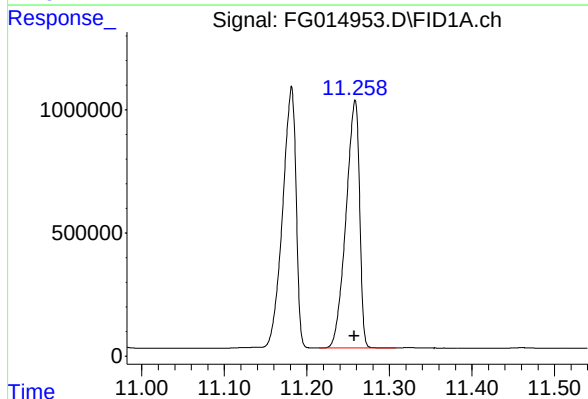
R.T.: 11.181 min
Delta R.T.: 0.000 min
Response: 12063512
Conc: 98.52 ug/ml

Instrument :

FID_G

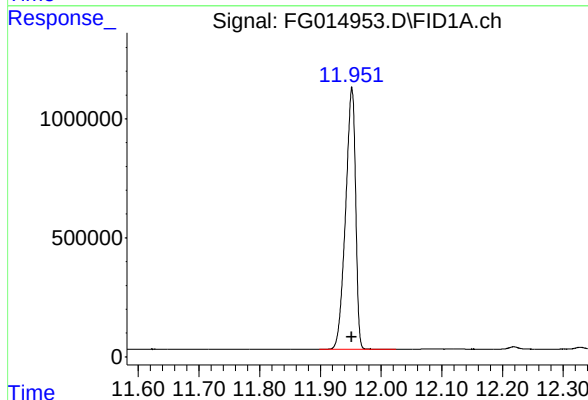
ClientSampleId :

100 PPM AROMATIC HC STD1



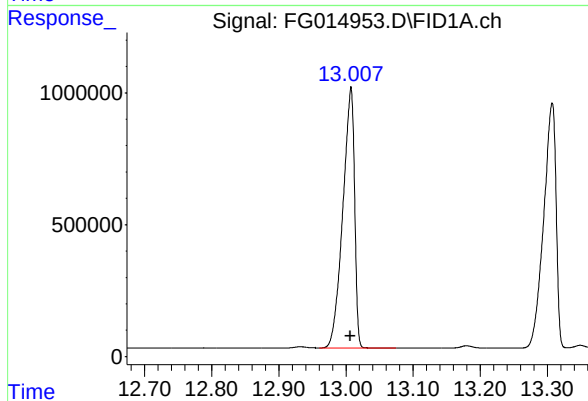
#10 Anthracene (C19.43)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 11504509
Conc: 98.43 ug/ml



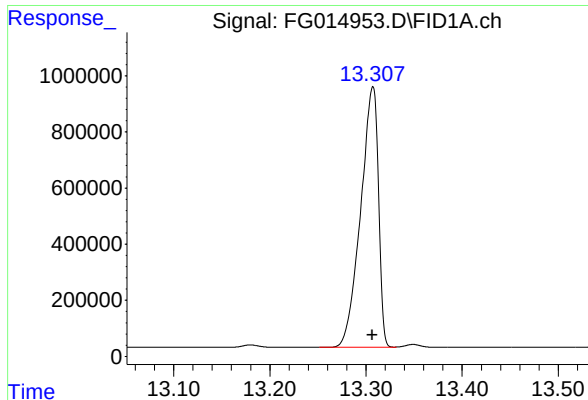
#11 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: 0.000 min
Response: 12592089
Conc: 97.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.007 min
Delta R.T.: 0.000 min
Response: 12023505
Conc: 98.37 ug/ml



#13 Pyrene (C20.8)

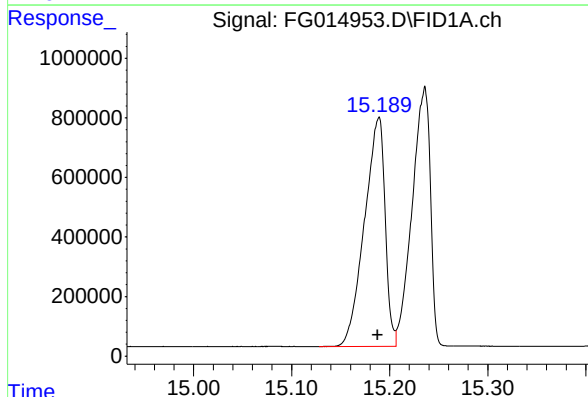
R.T.: 13.307 min
Delta R.T.: 0.000 min
Response: 11962092
Conc: 98.38 ug/ml

Instrument :

FID_G

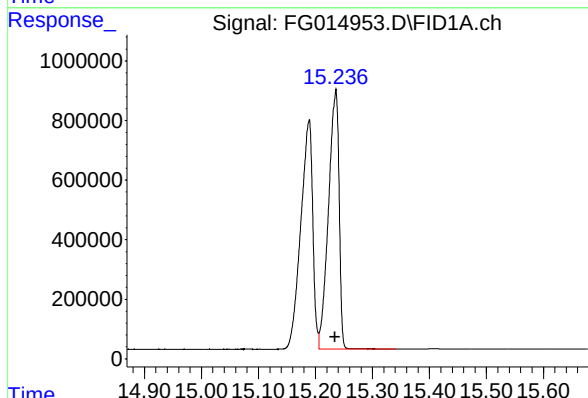
ClientSampleId :

100 PPM AROMATIC HC STD1



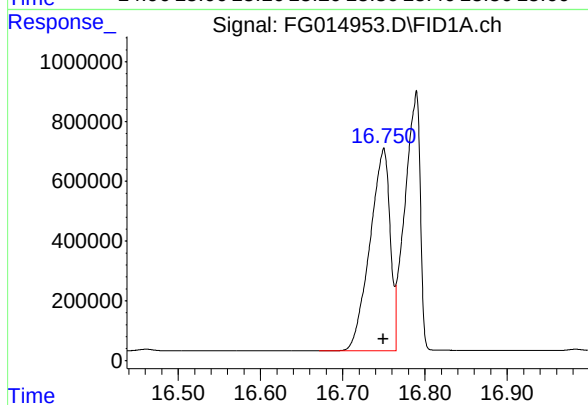
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.188 min
Delta R.T.: 0.000 min
Response: 11233062
Conc: 97.68 ug/ml



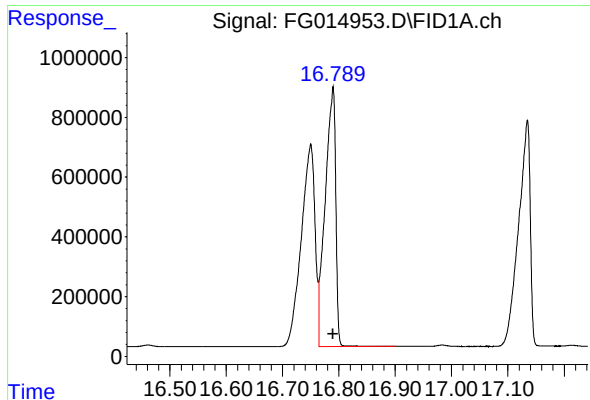
#15 Chrysene (C27.41)

R.T.: 15.235 min
Delta R.T.: 0.000 min
Response: 11254341
Conc: 96.81 ug/ml



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

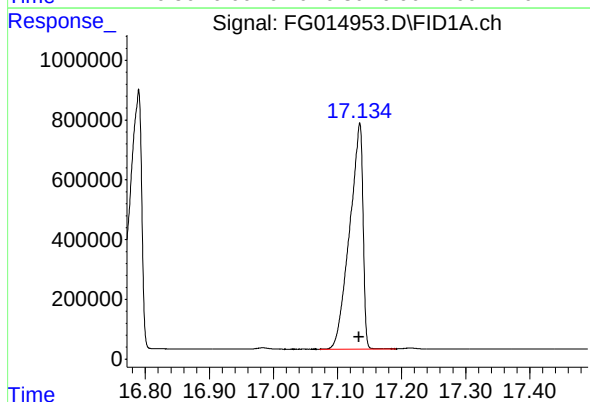
R.T.: 16.749 min
Delta R.T.: 0.000 min
Response: 11562461
Conc: 97.51 ug/ml



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

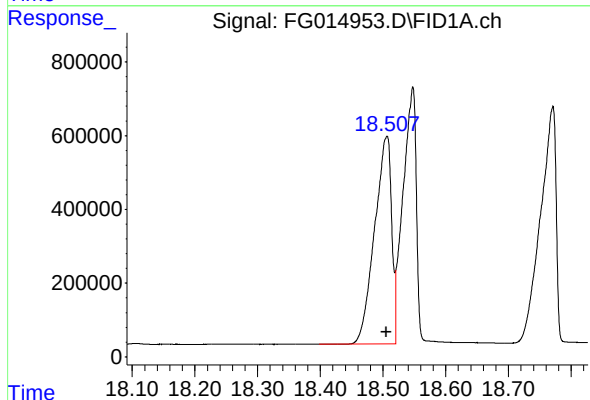
R.T.: 16.788 min
Delta R.T.: -0.002 min
Response: 11217585
Conc: 95.01 ug/ml

Instrument :
FID_G
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100 PPM AROMATIC HC STD1



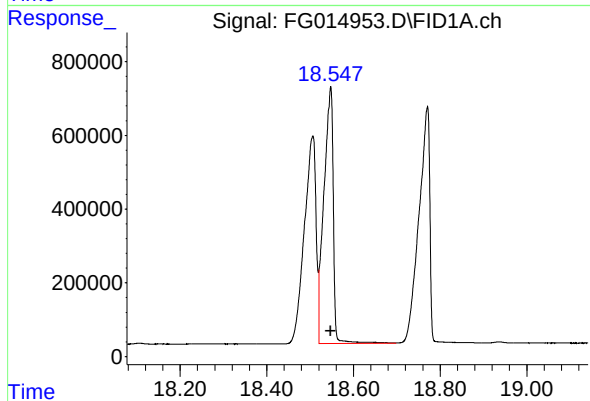
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 10938836
Conc: 96.27 ug/ml



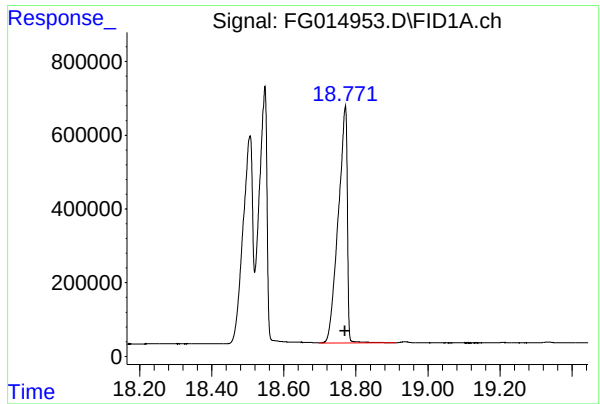
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 10676306
Conc: 96.99 ug/ml



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

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 10491038
Conc: 89.39 ug/ml



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

R.T.: 18.770 min

Delta R.T.: 0.000 min

Response: 11256509

Conc: 93.22 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM AROMATIC HC STD1