

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080624AR\
 Data File : FG014066.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 14:44
 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: Aug 06 16:36:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 16:34:08 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...	7.899	11202117	101.857 ug/ml
Spiked Amount 50.000		Recovery =	203.71%
6) S 2-Fluorobiphenyl (SURR)	8.774	7589150	101.499 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	203.00%#
11) S ortho-Terphenyl (SURR)	11.845	12898728	100.427 ug/ml
Spiked Amount 50.000		Recovery =	200.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	12592124	100.076 ug/ml
2) T Naphthalene (C11.7)	6.171	13238191	100.837 ug/ml
3) T 2-Methylnaphthalene (...)	7.271	13252693	101.387 ug/ml
5) T Acenaphthylene (C15.06)	8.574	13048443	100.414 ug/ml
7) T Acenaphthene (C15.5)	8.877	13026692	99.624 ug/ml
8) T Fluorene (C16.55)	9.667	12733047	100.740 ug/ml
9) T Phenanthrene (C19.36)	11.074	12580322	101.494 ug/ml
10) T Anthracene (C19.43)	11.151	11975759	99.105 ug/ml
12) T Fluoranthene (C21.85)	12.899	12355275	99.797 ug/ml
13) T Pyrene (C20.8)	13.199	12192240	98.963 ug/ml
14) T Benzo[a]anthracene (C...	15.084	11880716	102.087 ug/ml
15) T Chrysene (C27.41)	15.131	12225531	96.775 ug/ml
16) T benzo[b]fluoranthene ...	16.648	12638584	102.431 ug/ml
17) T Bnezo[k]fluoranthene ...	16.686	11841065	98.021 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.031	12295820	100.378 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.405	10283802	103.615 ug/ml
20) T Dibenz[a,h]anthracene...	18.444	11886363	95.526 ug/ml
21) T Benzo[g,h,i]perylene ...	18.667	11813364	94.801 ug/ml

(f)=RT Delta > 1/2 Window

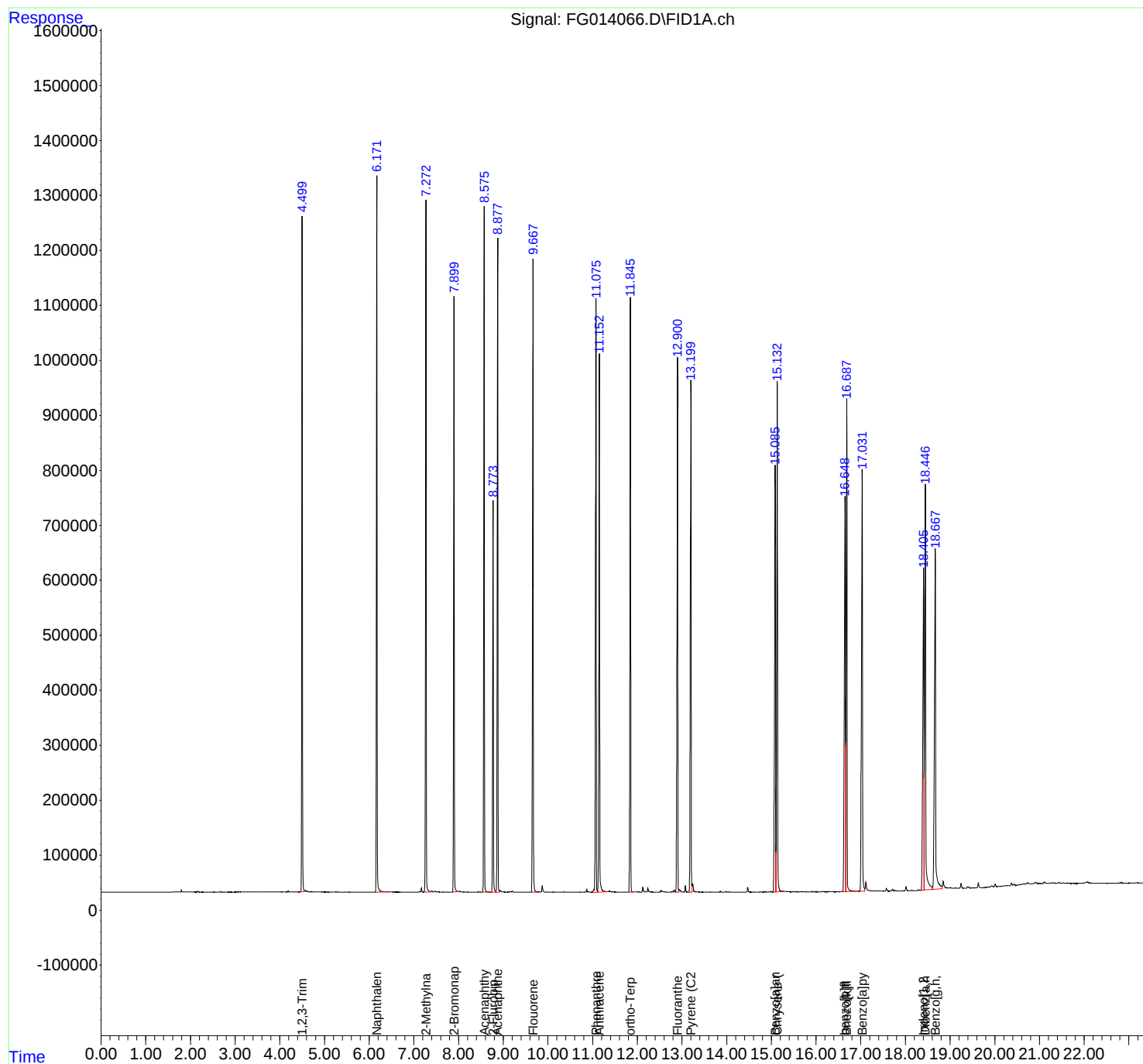
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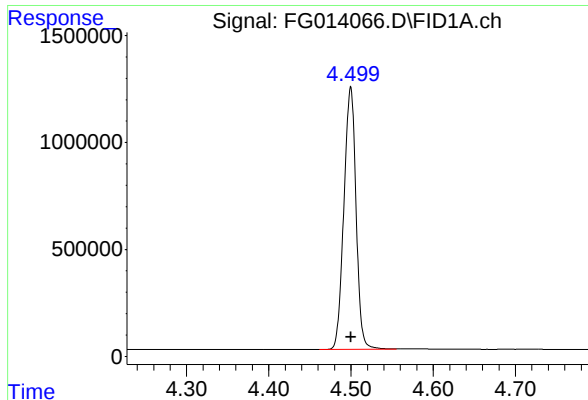
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#1 1,2,3-Trimethylbenzene (C10.1)

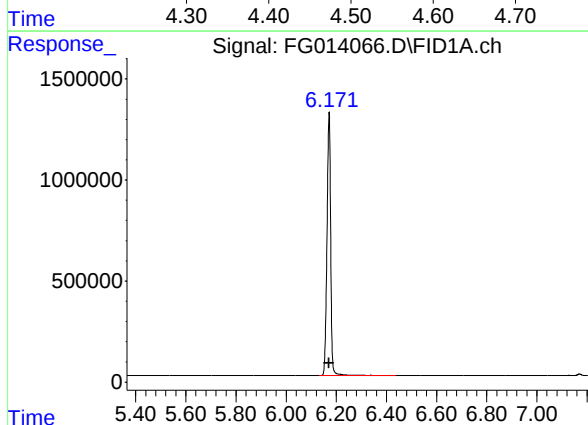
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 12592124
Conc: 100.08 ug/ml

Instrument :

FID_G

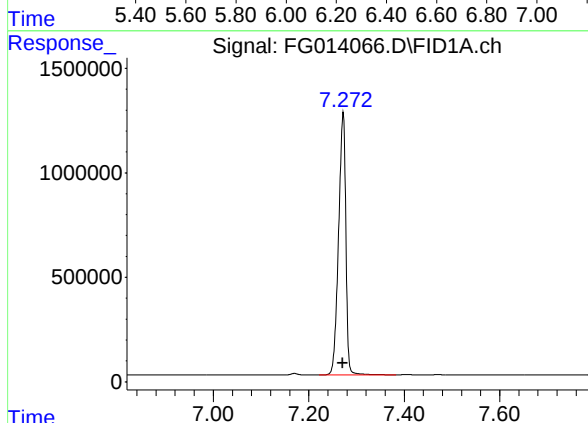
ClientSampleId :

100 PPM AROMATIC HC STD1



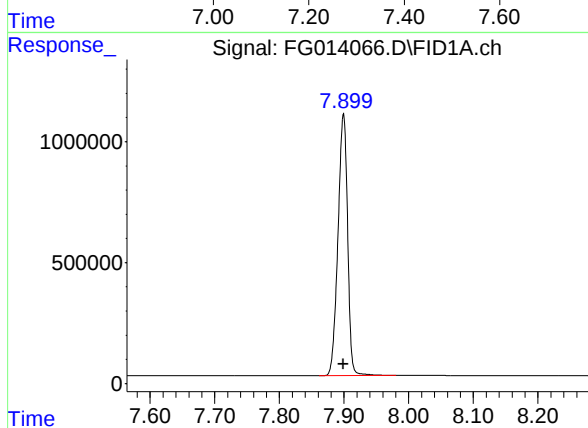
#2 Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 13238191
Conc: 100.84 ug/ml



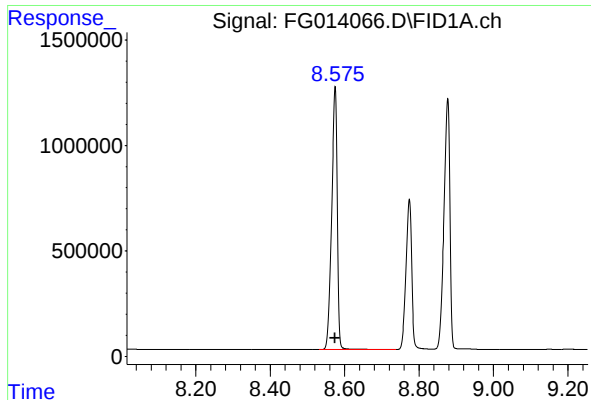
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 13252693
Conc: 101.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 11202117
Conc: 101.86 ug/ml



#5 Acenaphthylene (C15.06)

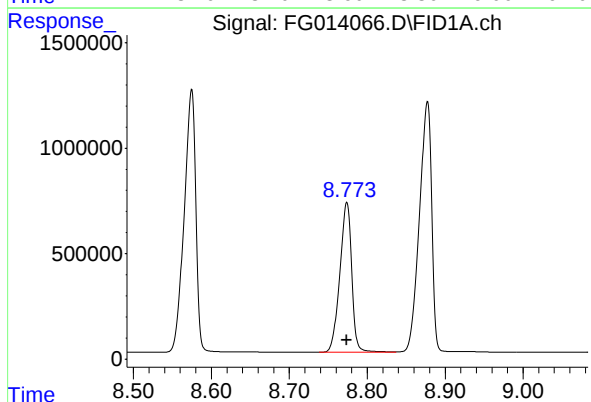
R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 13048443
Conc: 100.41 ug/ml

Instrument :

FID_G

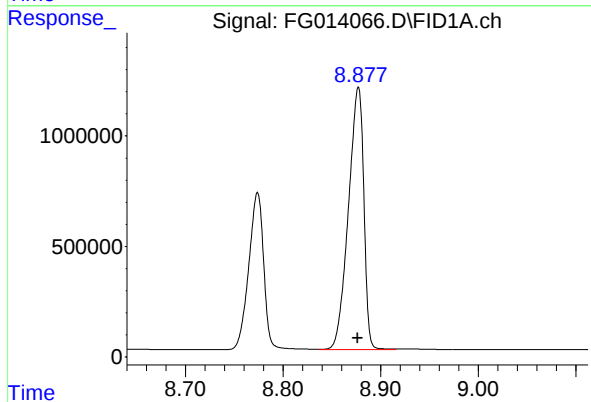
ClientSampleId :

100 PPM AROMATIC HC STD1



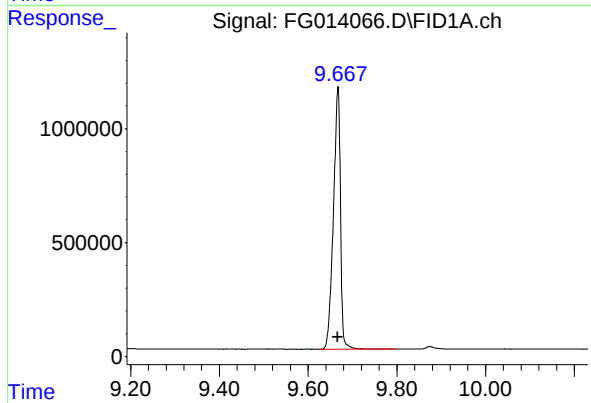
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.774 min
Delta R.T.: 0.000 min
Response: 7589150
Conc: 101.50 ug/ml



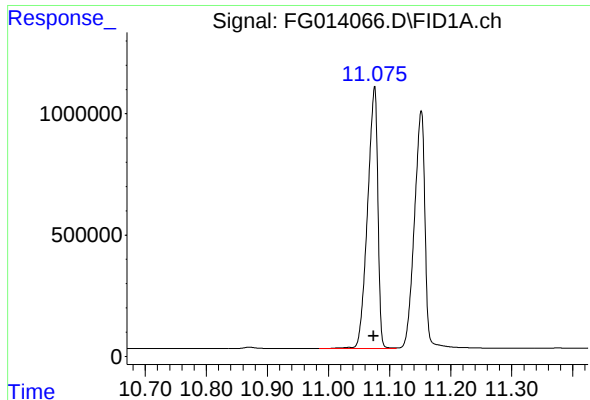
#7 Acenaphthene (C15.5)

R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 13026692
Conc: 99.62 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.667 min
Delta R.T.: 0.000 min
Response: 12733047
Conc: 100.74 ug/ml



#9 Phenanthrene (C19.36)

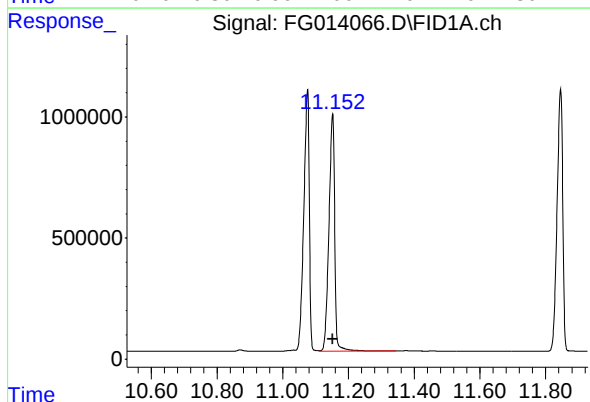
R.T.: 11.074 min
Delta R.T.: 0.000 min
Response: 12580322
Conc: 101.49 ug/ml

Instrument :

FID_G

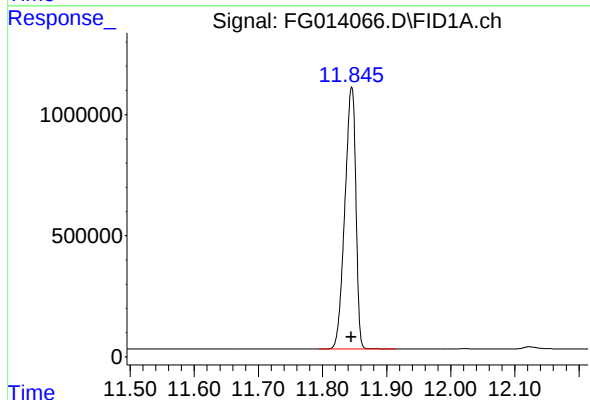
ClientSampleId :

100 PPM AROMATIC HC STD1



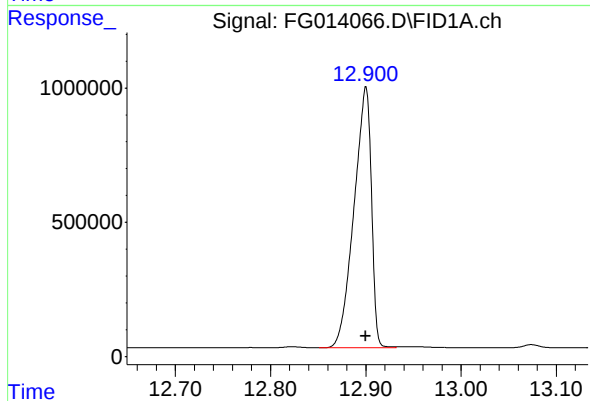
#10 Anthracene (C19.43)

R.T.: 11.151 min
Delta R.T.: 0.000 min
Response: 11975759
Conc: 99.11 ug/ml



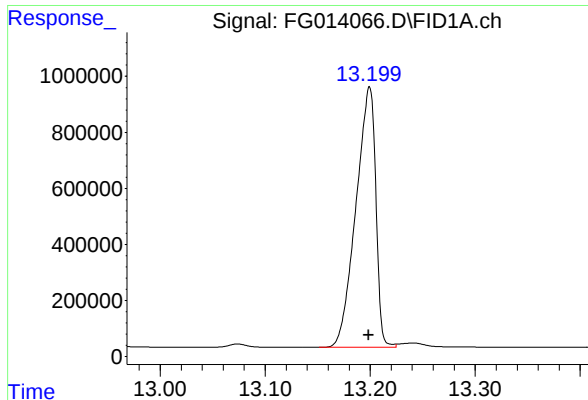
#11 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: 0.000 min
Response: 12898728
Conc: 100.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 12355275
Conc: 99.80 ug/ml



#13 Pyrene (C20.8)

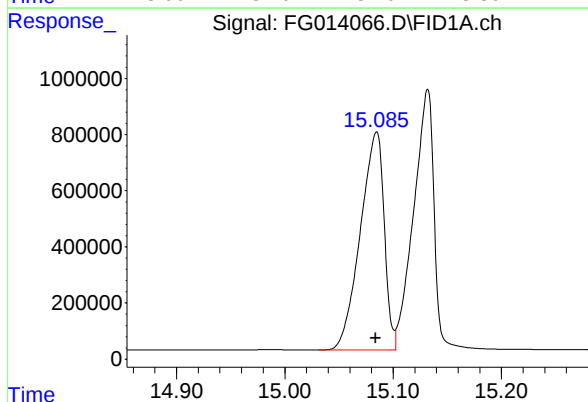
R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 12192240
Conc: 98.96 ug/ml

Instrument :

FID_G

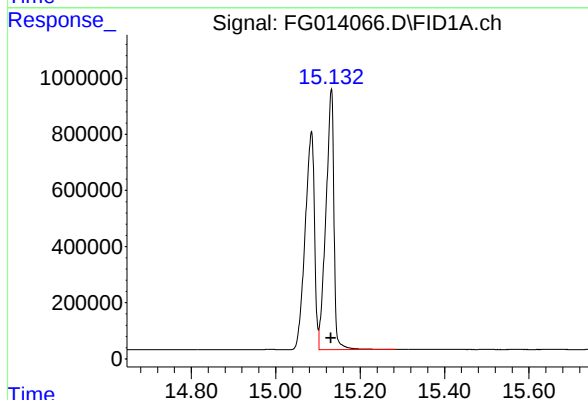
ClientSampleId :

100 PPM AROMATIC HC STD1



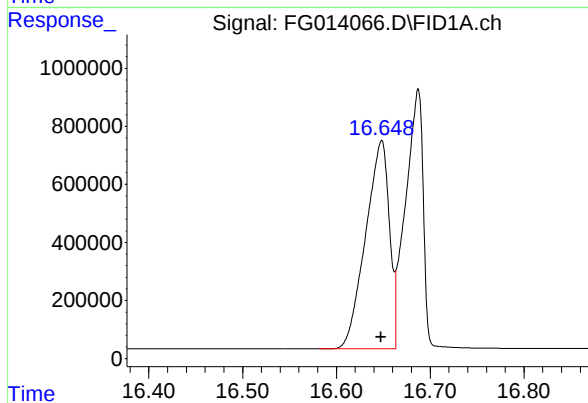
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.084 min
Delta R.T.: 0.000 min
Response: 11880716
Conc: 102.09 ug/ml



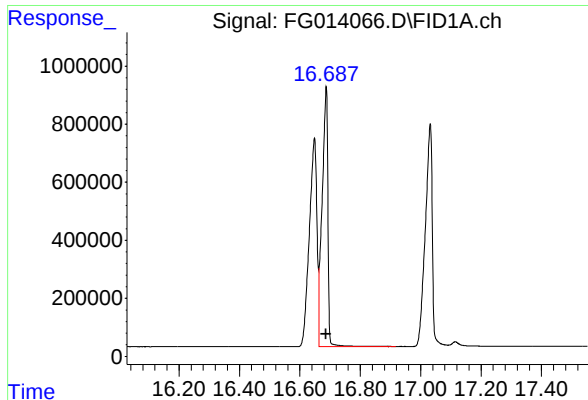
#15 Chrysene (C27.41)

R.T.: 15.131 min
Delta R.T.: 0.000 min
Response: 12225531
Conc: 96.78 ug/ml



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

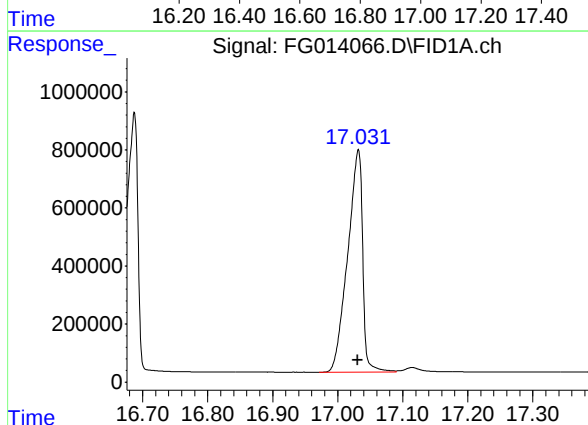
R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 12638584
Conc: 102.43 ug/ml



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

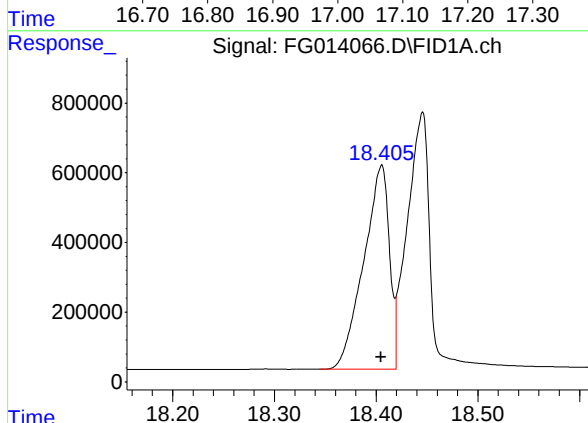
R.T.: 16.686 min
Delta R.T.: 0.000 min
Response: 11841065
Conc: 98.02 ug/ml

Instrument :
FID_G
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100 PPM AROMATIC HC STD1



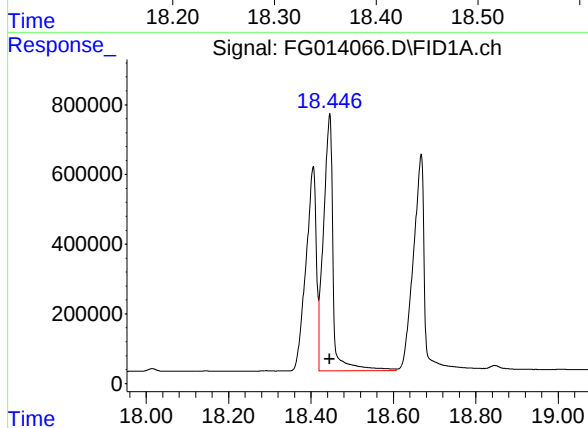
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.031 min
Delta R.T.: 0.000 min
Response: 12295820
Conc: 100.38 ug/ml



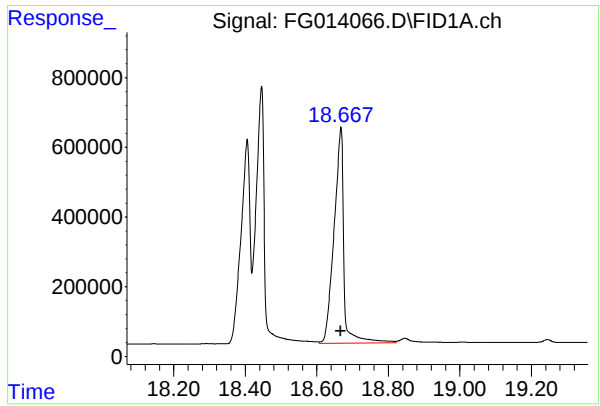
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.405 min
Delta R.T.: 0.000 min
Response: 10283802
Conc: 103.62 ug/ml



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

R.T.: 18.444 min
Delta R.T.: -0.001 min
Response: 11886363
Conc: 95.53 ug/ml



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

R.T.: 18.667 min

Delta R.T.: 0.000 min

Response: 11813364

Conc: 94.80 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM AROMATIC HC STD1