

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AR\
 Data File : FG014465.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2024 21:06
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 22 04:31:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:30:07 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...	8.035	663278	5.227 ug/ml
Spiked Amount 50.000		Recovery =	10.45%
6) S 2-Fluorobiphenyl (SURR)	8.910	450642	5.170 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.34%
11) S ortho-Terphenyl (SURR)	11.982	792217	5.301 ug/ml
Spiked Amount 50.000		Recovery =	10.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.637	704542	5.106 ug/ml
2) T Naphthalene (C11.7)	6.309	746066	5.119 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	759174	5.119 ug/ml
5) T Acenaphthylene (C15.06)	8.710	768511	5.225 ug/ml
7) T Acenaphthene (C15.5)	9.010	758157	5.179 ug/ml
8) T Fluorene (C16.55)	9.800	764083	5.220 ug/ml
9) T Phenanthrene (C19.36)	11.209	778745	5.241 ug/ml
10) T Anthracene (C19.43)	11.283	744946	5.258 ug/ml
12) T Fluoranthene (C21.85)	13.032	791432	5.314 ug/ml
13) T Pyrene (C20.8)	13.331	784846	5.302 ug/ml
14) T Benzo[a]anthracene (C...	15.209	774953	5.326 ug/ml
15) T Chrysene (C27.41)	15.252	787444	5.342 ug/ml
16) T benzo[b]fluoranthene ...	16.766	783999	5.342 ug/ml
17) T Bnezo[k]fluoranthene ...	16.797	745122	5.415 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	765302	5.377 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.513	703096	5.349 ug/ml
20) T Dibenz[a,h]anthracene...	18.555	772449	5.568 ug/ml
21) T Benzo[g,h,i]perylene ...	18.767	744897	5.383 ug/ml

(f)=RT Delta > 1/2 Window

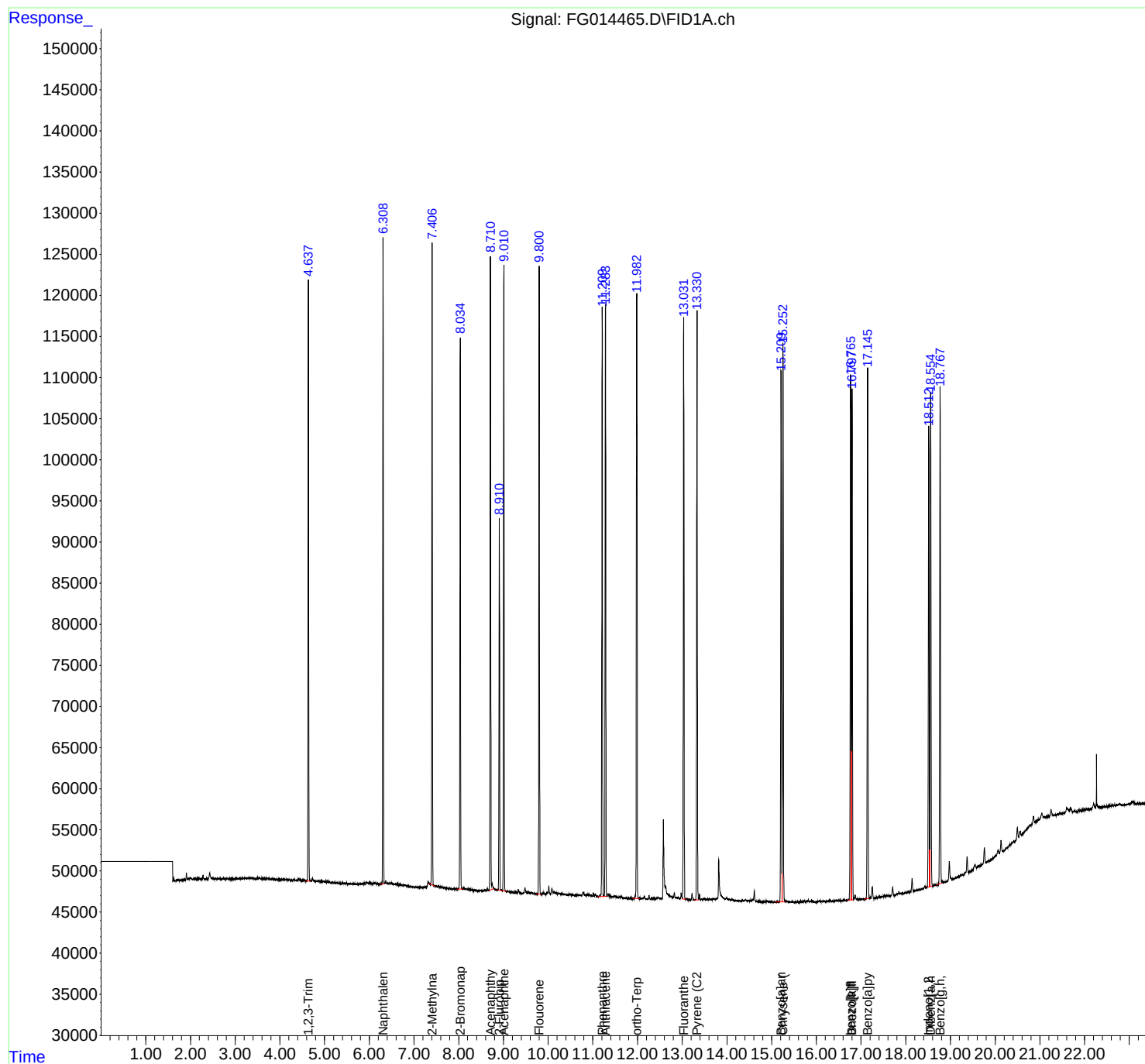
(m)=manual int.

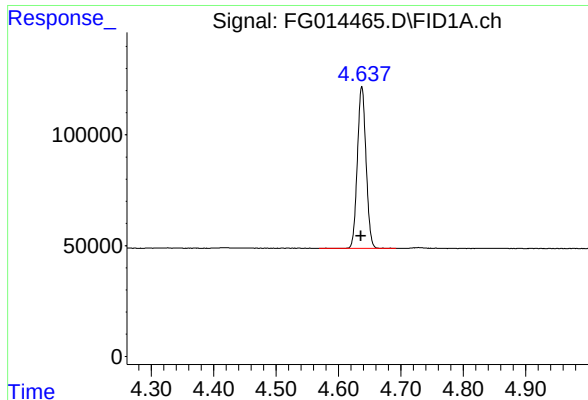
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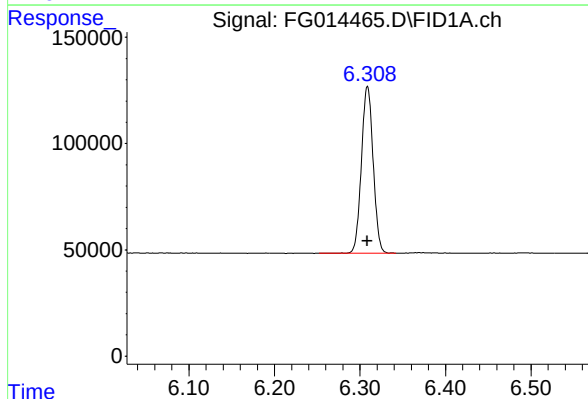




#1 1,2,3-Trimethylbenzene (C10.1)

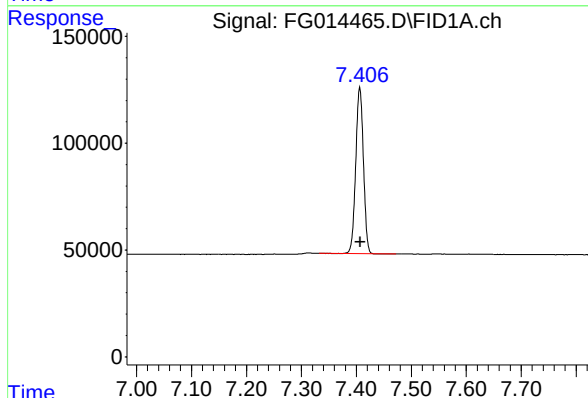
R.T.: 4.637 min
Delta R.T.: 0.001 min
Response: 704542
Conc: 5.11 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



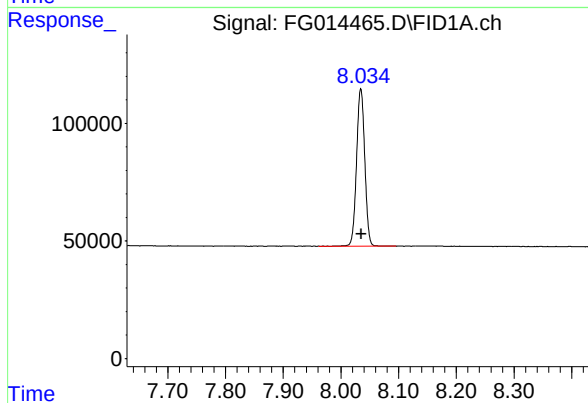
#2 Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 746066
Conc: 5.12 ug/ml



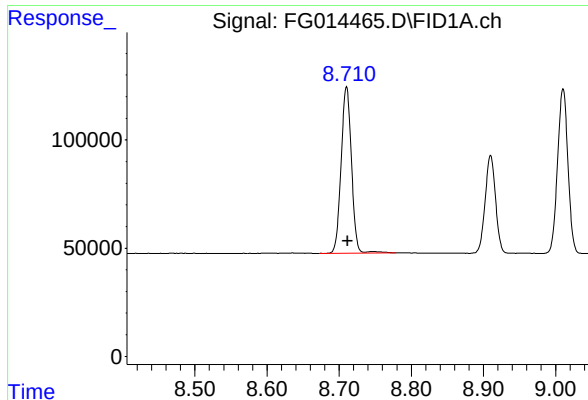
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: -0.001 min
Response: 759174
Conc: 5.12 ug/ml



#4 2-Bromonaphthalene (SURR)

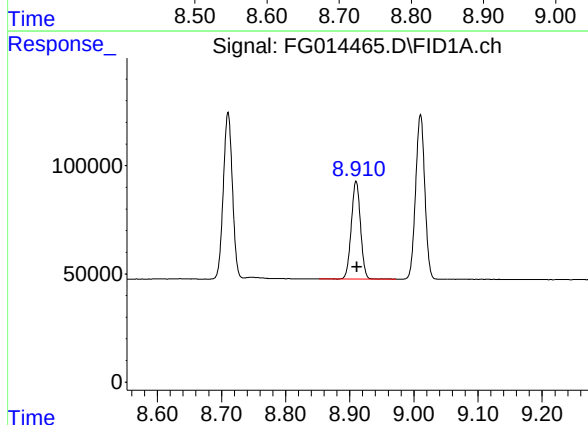
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 663278
Conc: 5.23 ug/ml



#5 Acenaphthylene (C15.06)

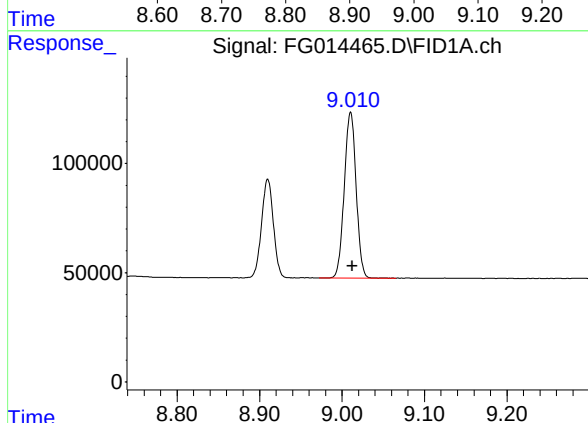
R.T.: 8.710 min
Delta R.T.: -0.001 min
Response: 768511
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



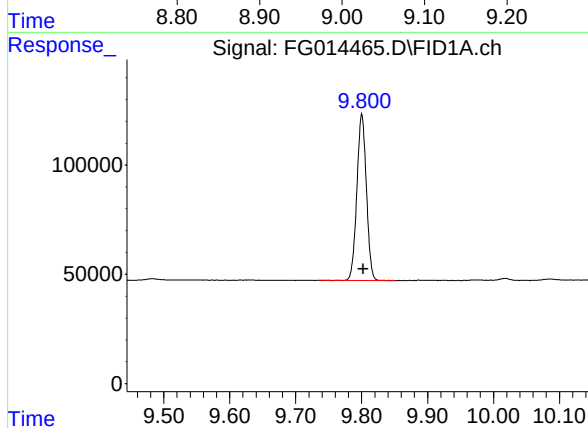
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.910 min
Delta R.T.: -0.001 min
Response: 450642
Conc: 5.17 ug/ml



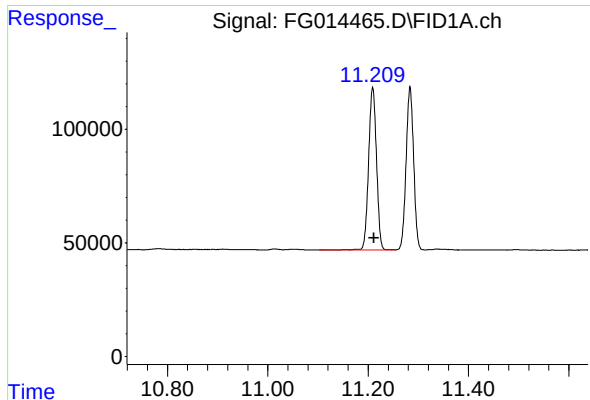
#7 Acenaphthene (C15.5)

R.T.: 9.010 min
Delta R.T.: -0.002 min
Response: 758157
Conc: 5.18 ug/ml



#8 Fluorene (C16.55)

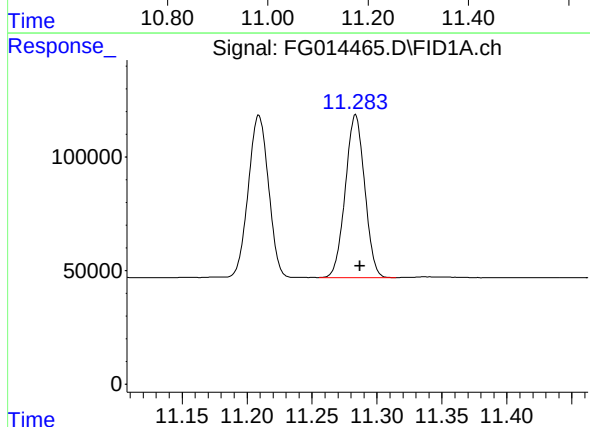
R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 764083
Conc: 5.22 ug/ml



#9 Phenanthrene (C19.36)

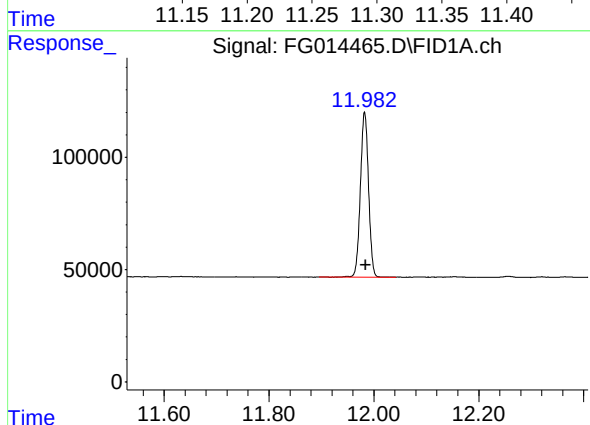
R.T.: 11.209 min
Delta R.T.: -0.003 min
Response: 778745
Conc: 5.24 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



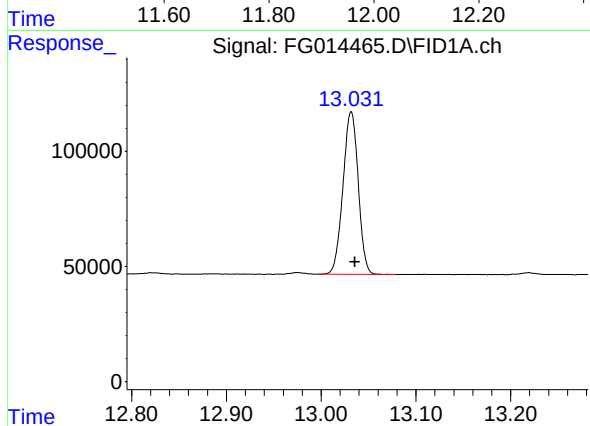
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: -0.004 min
Response: 744946
Conc: 5.26 ug/ml



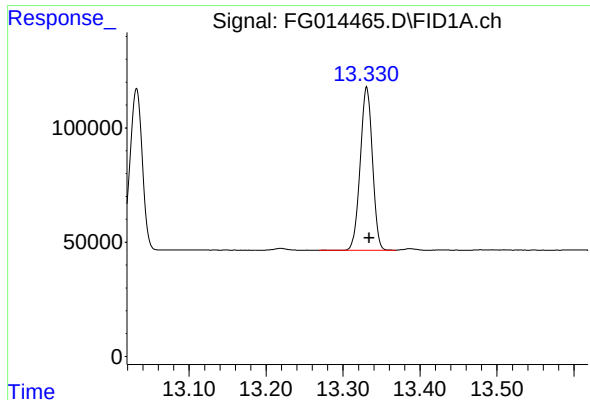
#11 ortho-Terphenyl (SURRE)

R.T.: 11.982 min
Delta R.T.: -0.003 min
Response: 792217
Conc: 5.30 ug/ml



#12 Fluoranthene (C21.85)

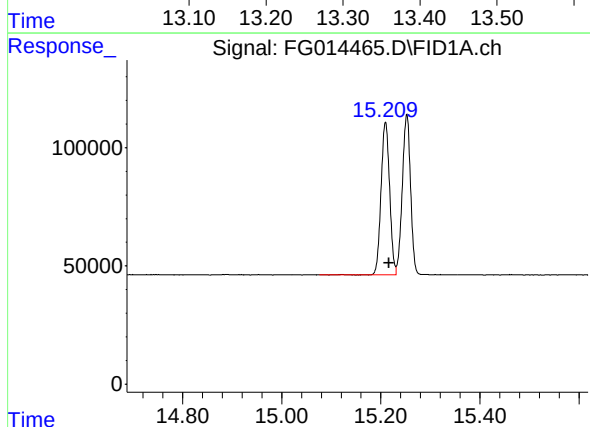
R.T.: 13.032 min
Delta R.T.: -0.004 min
Response: 791432
Conc: 5.31 ug/ml



#13 Pyrene (C20.8)

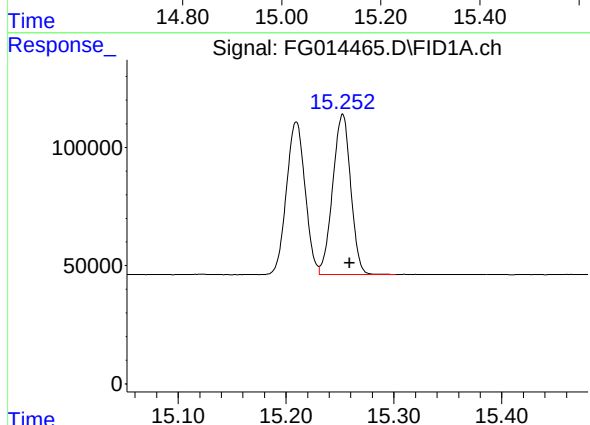
R.T.: 13.331 min
Delta R.T.: -0.004 min
Response: 784846
Conc: 5.30 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



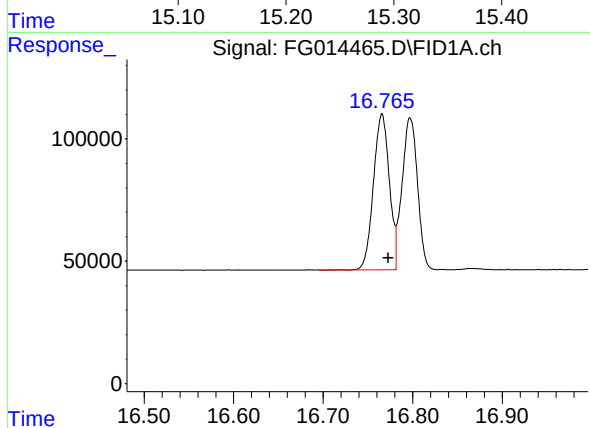
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.209 min
Delta R.T.: -0.007 min
Response: 774953
Conc: 5.33 ug/ml



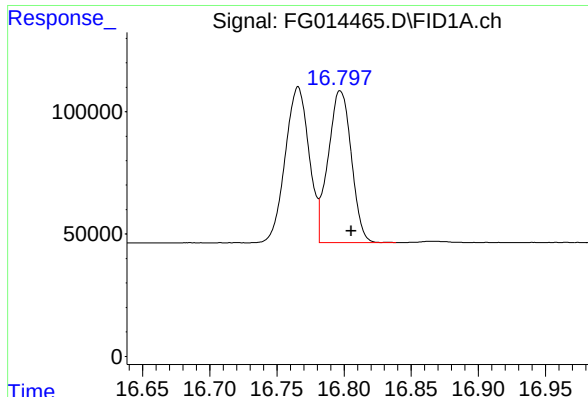
#15 Chrysene (C27.41)

R.T.: 15.252 min
Delta R.T.: -0.007 min
Response: 787444
Conc: 5.34 ug/ml



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

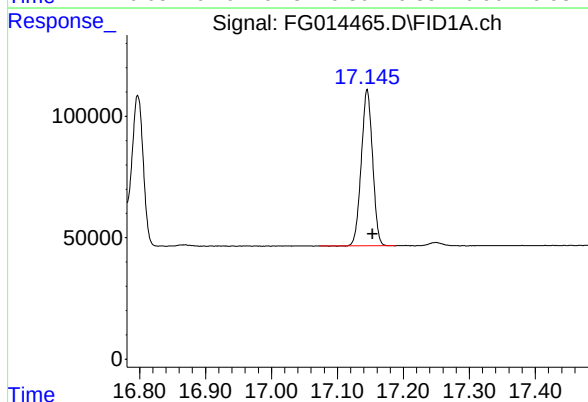
R.T.: 16.766 min
Delta R.T.: -0.007 min
Response: 783999
Conc: 5.34 ug/ml



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

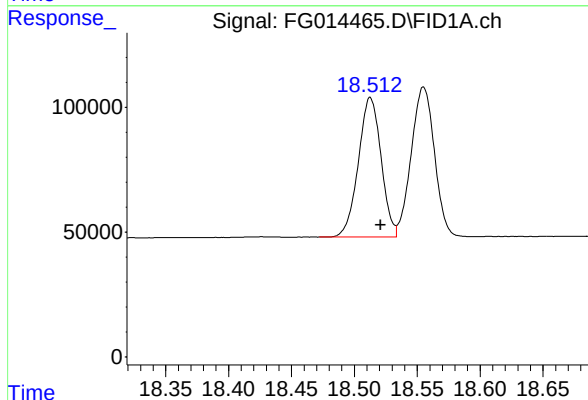
R.T.: 16.797 min
Delta R.T.: -0.008 min
Response: 745122
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



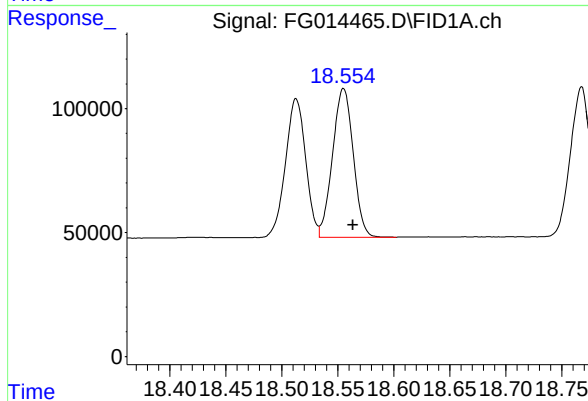
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: -0.008 min
Response: 765302
Conc: 5.38 ug/ml



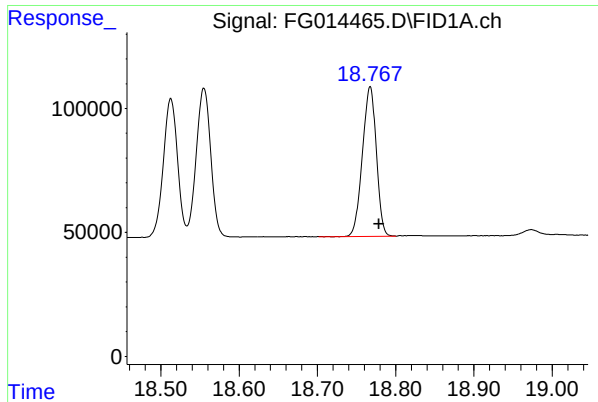
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.513 min
Delta R.T.: -0.008 min
Response: 703096
Conc: 5.35 ug/ml



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

R.T.: 18.555 min
Delta R.T.: -0.008 min
Response: 772449
Conc: 5.57 ug/ml



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

R.T.: 18.767 min
Delta R.T.: -0.011 min
Response: 744897
Conc: 5.38 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5