

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080624AR\
 Data File : FG014070.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 17:15
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 06 17:30:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:30:41 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...	7.895	579217	5.163 ug/ml
Spiked Amount 50.000		Recovery =	10.33%
6) S 2-Fluorobiphenyl (SURR)	8.769	375360	4.998 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.00%
11) S ortho-Terphenyl (SURR)	11.834	703486	5.318 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	682224	5.281 ug/ml
2) T Naphthalene (C11.7)	6.168	671964	5.053 ug/ml
3) T 2-Methylnaphthalene (...)	7.266	679455	5.136 ug/ml
5) T Acenaphthylene (C15.06)	8.567	688935	5.206 ug/ml
7) T Acenaphthene (C15.5)	8.865	725404	5.363 ug/ml
8) T Fluorene (C16.55)	9.657	666173	5.182 ug/ml
9) T Phenanthrene (C19.36)	11.064	622819	4.997 ug/ml
10) T Anthracene (C19.43)	11.139	687040	5.462 ug/ml
12) T Fluoranthene (C21.85)	12.885	686067	5.376 ug/ml
13) T Pyrene (C20.8)	13.182	682160	5.364 ug/ml
14) T Benzo[a]anthracene (C...	15.068	578880	4.968 ug/ml
15) T Chrysene (C27.41)	15.109	792662	5.812 ug/ml
16) T benzo[b]fluoranthene ...	16.626	614131	4.968 ug/ml
17) T Bnezo[k]fluoranthene ...	16.658	791446	5.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.010	653295	5.180 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.384	528224	5.159 ug/ml
20) T Dibenz[a,h]anthracene...	18.426	962468	6.307 ug/ml
21) T Benzo[g,h,i]perylene ...	18.636	821322	5.917 ug/ml

(f)=RT Delta > 1/2 Window

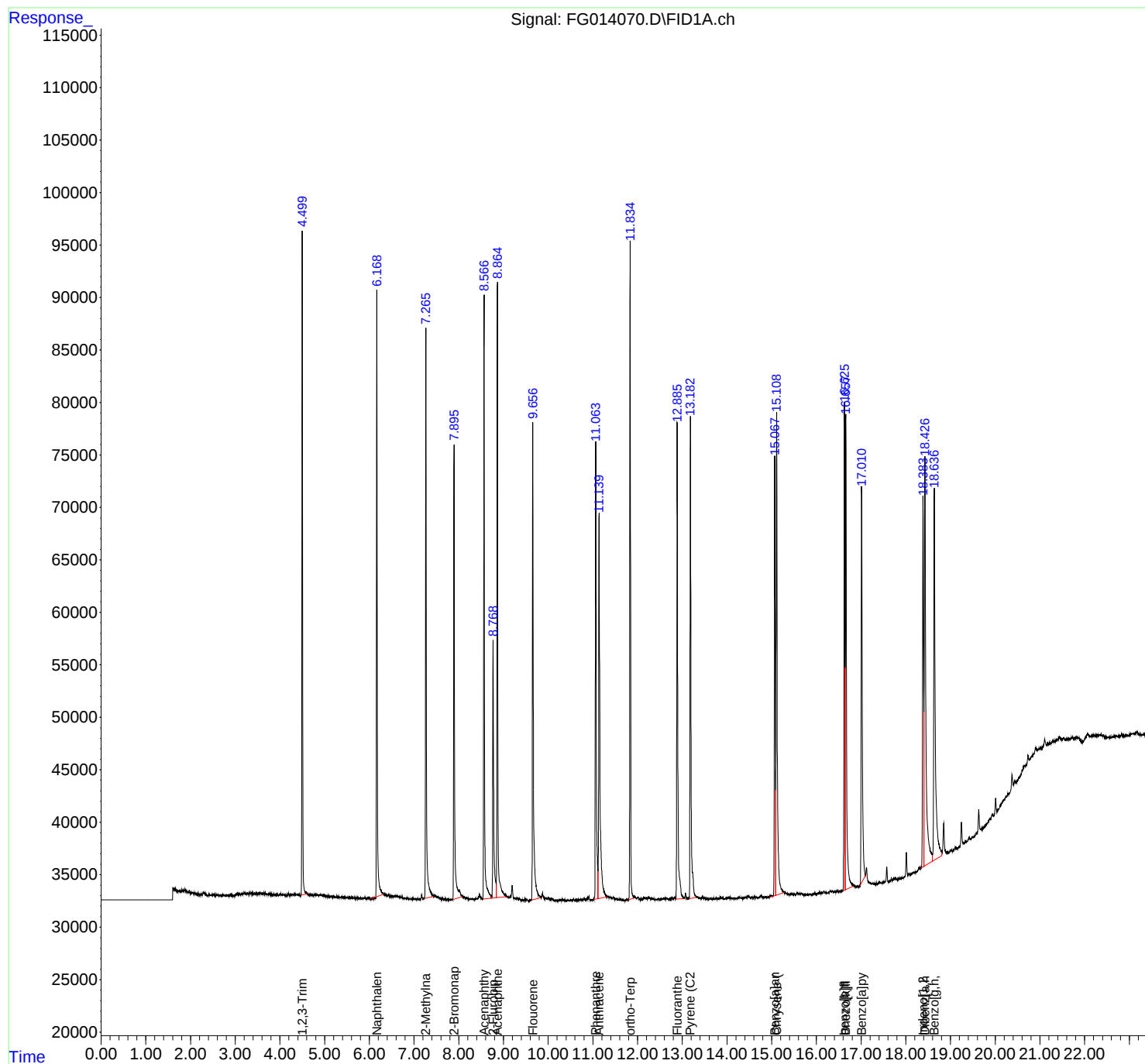
(m)=manual int.

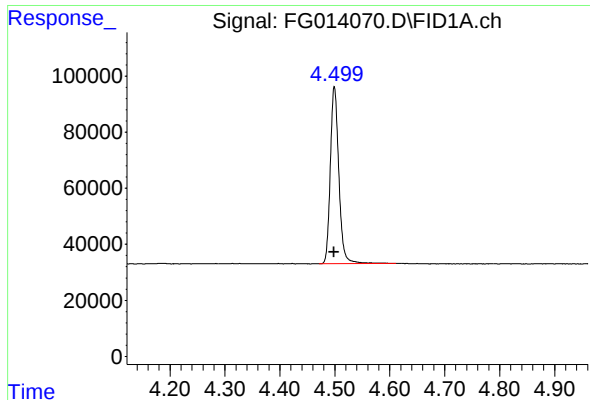
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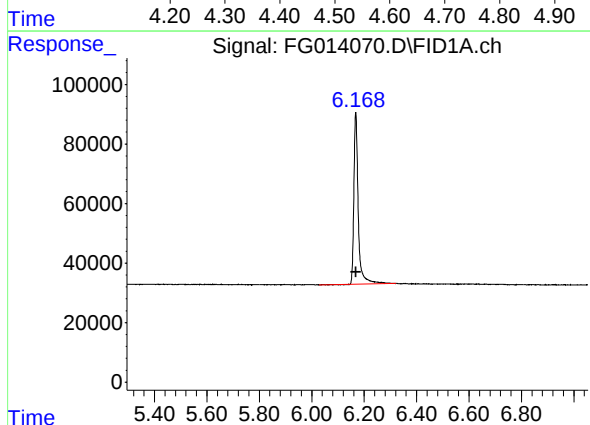




#1 1,2,3-Trimethylbenzene (C10.1)

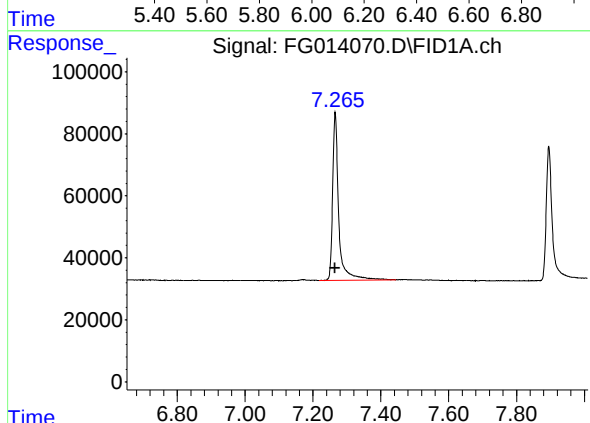
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 682224
Conc: 5.28 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



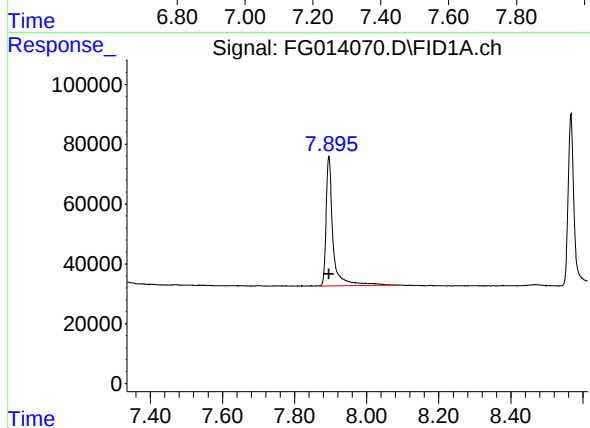
#2 Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 671964
Conc: 5.05 ug/ml



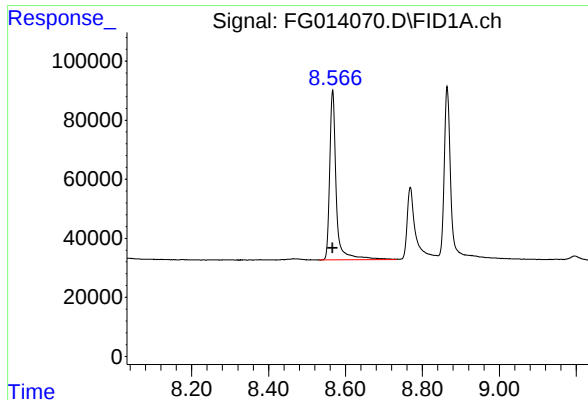
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.000 min
Response: 679455
Conc: 5.14 ug/ml



#4 2-Bromonaphthalene (SURR)

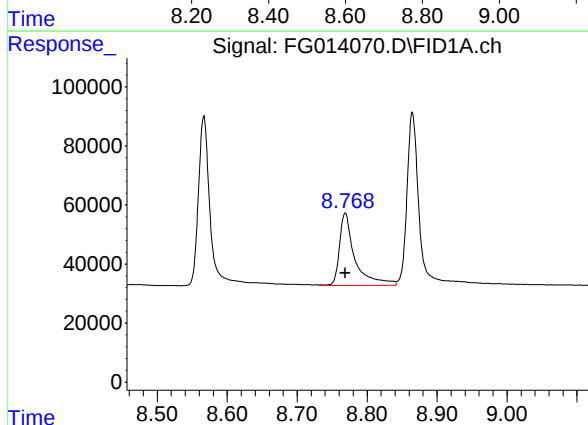
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 579217
Conc: 5.16 ug/ml



#5 Acenaphthylene (C15.06)

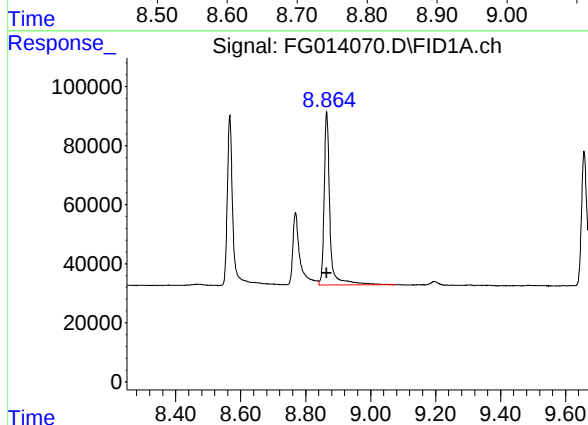
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 688935
Conc: 5.21 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



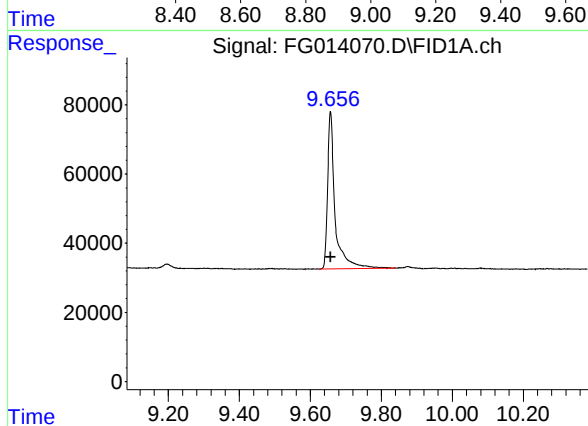
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.769 min
Delta R.T.: 0.000 min
Response: 375360
Conc: 5.00 ug/ml



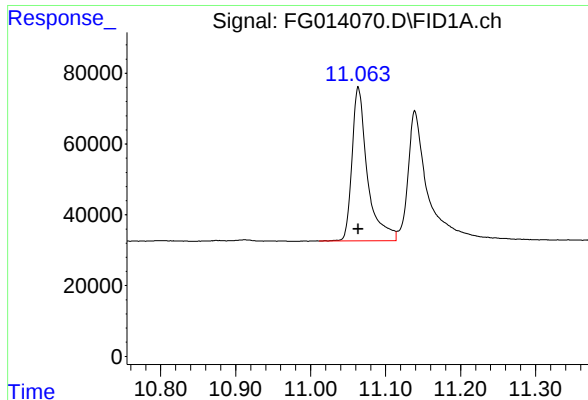
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 725404
Conc: 5.36 ug/ml



#8 Fluorene (C16.55)

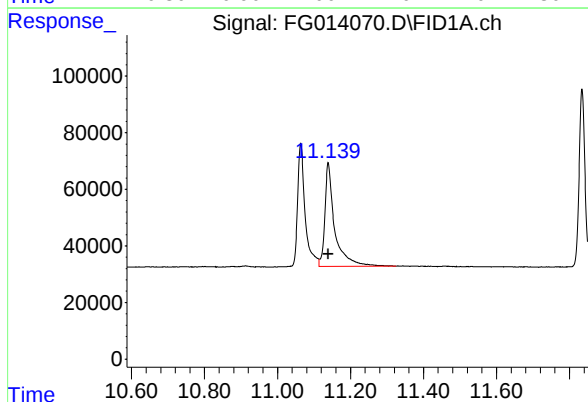
R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 666173
Conc: 5.18 ug/ml



#9 Phenanthrene (C19.36)

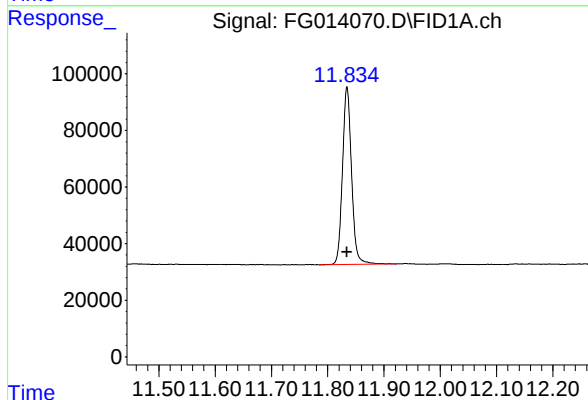
R.T.: 11.064 min
Delta R.T.: 0.000 min
Response: 622819
Conc: 5.00 ug/ml

Instrument :
FID_G
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5 PPM AROMATIC HC STD5



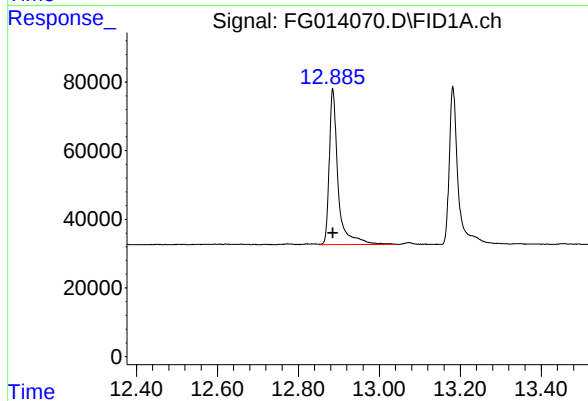
#10 Anthracene (C19.43)

R.T.: 11.139 min
Delta R.T.: 0.000 min
Response: 687040
Conc: 5.46 ug/ml



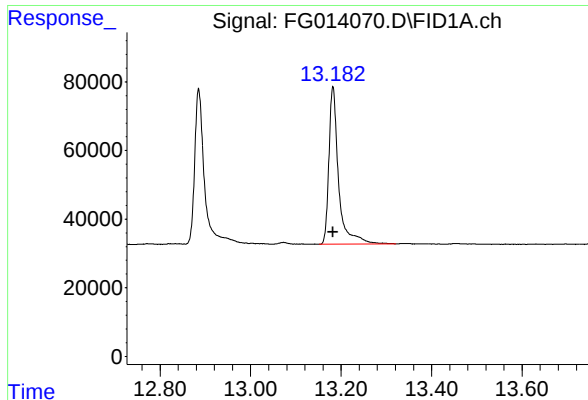
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: 0.000 min
Response: 703486
Conc: 5.32 ug/ml



#12 Fluoranthene (C21.85)

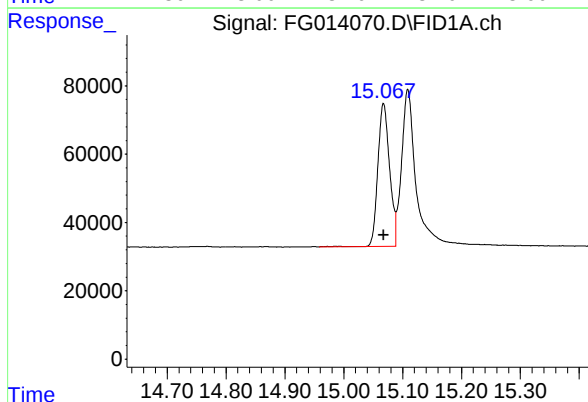
R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 686067
Conc: 5.38 ug/ml



#13 Pyrene (C20.8)

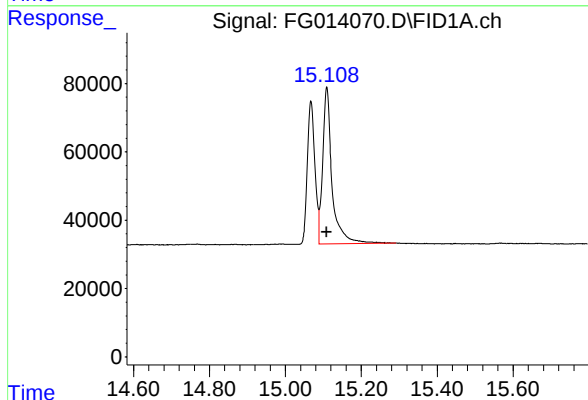
R.T.: 13.182 min
Delta R.T.: 0.000 min
Response: 682160
Conc: 5.36 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



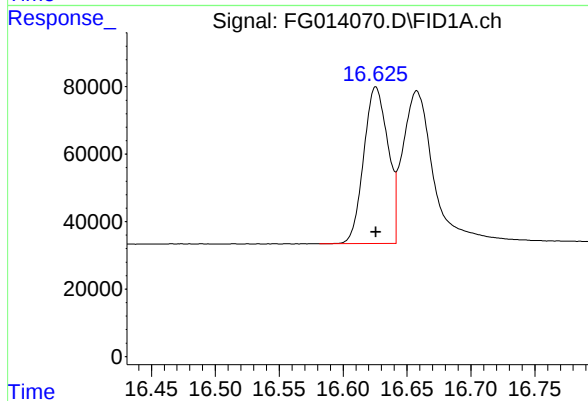
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.068 min
Delta R.T.: 0.000 min
Response: 578880
Conc: 4.97 ug/ml



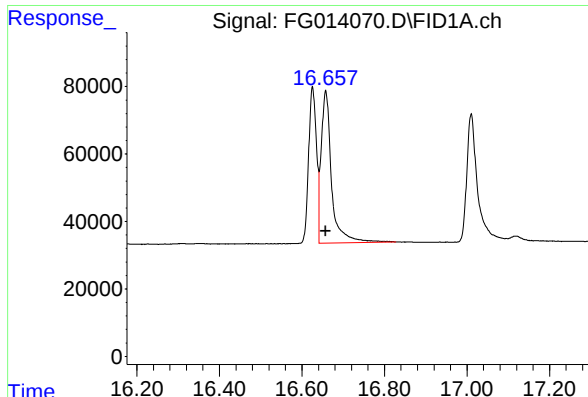
#15 Chrysene (C27.41)

R.T.: 15.109 min
Delta R.T.: 0.000 min
Response: 792662
Conc: 5.81 ug/ml



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

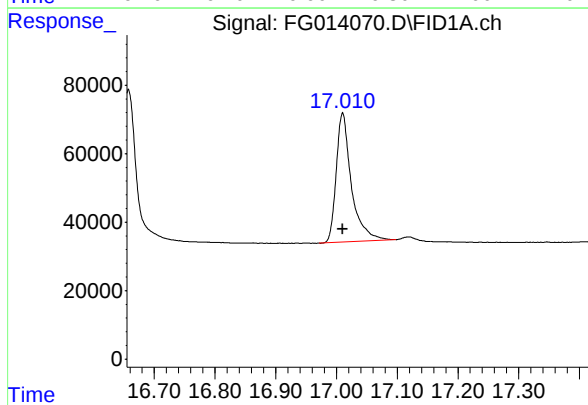
R.T.: 16.626 min
Delta R.T.: 0.000 min
Response: 614131
Conc: 4.97 ug/ml



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

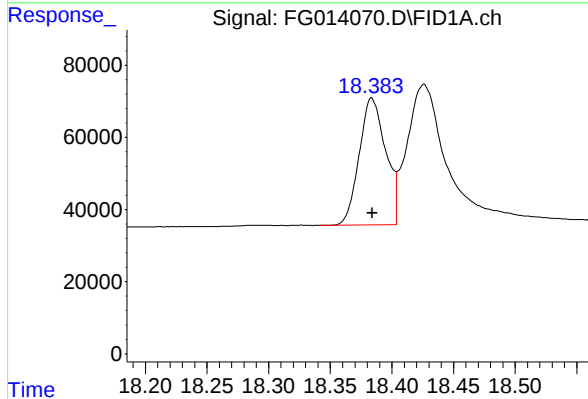
R.T.: 16.658 min
Delta R.T.: 0.000 min
Response: 791446
Conc: 5.92 ug/ml

Instrument :
FID_G
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5 PPM AROMATIC HC STD5



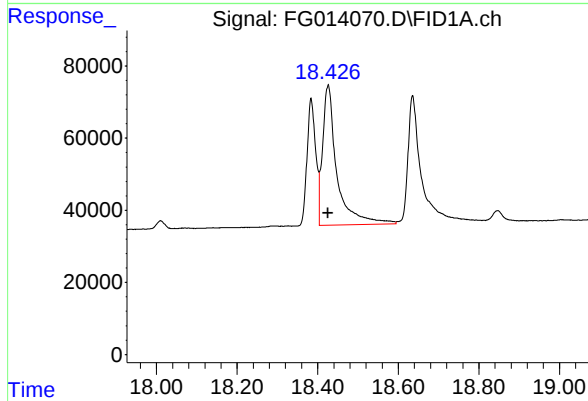
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.010 min
Delta R.T.: 0.000 min
Response: 653295
Conc: 5.18 ug/ml



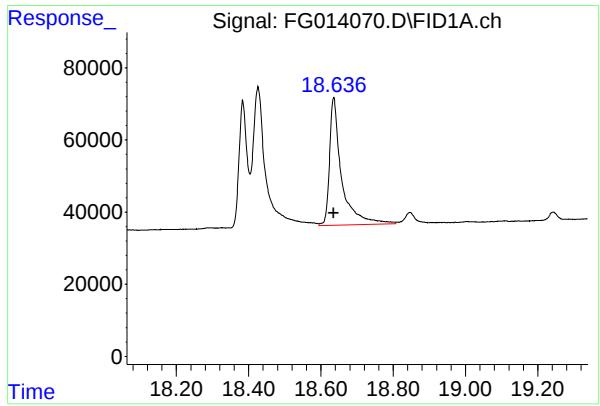
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.384 min
Delta R.T.: 0.000 min
Response: 528224
Conc: 5.16 ug/ml



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

R.T.: 18.426 min
Delta R.T.: 0.000 min
Response: 962468
Conc: 6.31 ug/ml



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

R.T.: 18.636 min
Delta R.T.: 0.000 min
Response: 821322
Conc: 5.92 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5