

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525AR\
 Data File : FG015408.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 15:53
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 25 16:09:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:08:56 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...	7.983	634483	5.405 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
6) S 2-Fluorobiphenyl (SURR)	8.862	410450	5.263 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.53%
11) S ortho-Terphenyl (SURR)	11.934	753373	5.595 ug/ml
Spiked Amount 50.000		Recovery =	11.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.574	725151	5.552 ug/ml
2) T Naphthalene (C11.7)	6.253	708516	5.377 ug/ml
3) T 2-Methylnaphthalene (...)	7.354	689028	5.357 ug/ml
5) T Acenaphthylene (C15.06)	8.660	716372	5.416 ug/ml
7) T Acenaphthene (C15.5)	8.960	701571	5.417 ug/ml
8) T Fluorene (C16.55)	9.753	703072	5.403 ug/ml
9) T Phenanthrene (C19.36)	11.164	693682	5.465 ug/ml
10) T Anthracene (C19.43)	11.240	666666	5.435 ug/ml
12) T Fluoranthene (C21.85)	12.992	694807	5.487 ug/ml
13) T Pyrene (C20.8)	13.291	696631	5.536 ug/ml
14) T Benzo[a]anthracene (C...	15.177	677403	5.516 ug/ml
15) T Chrysene (C27.41)	15.218	708028	5.659 ug/ml
16) T benzo[b]fluoranthene ...	16.740	716911	5.557 ug/ml
17) T Bnezo[k]fluoranthene ...	16.771	735036	5.684 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.121	691495	5.534 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.496	670726	5.471 ug/ml
20) T Dibenz[a,h]anthracene...	18.535	802977	5.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.752	725670	5.533 ug/ml

(f)=RT Delta > 1/2 Window

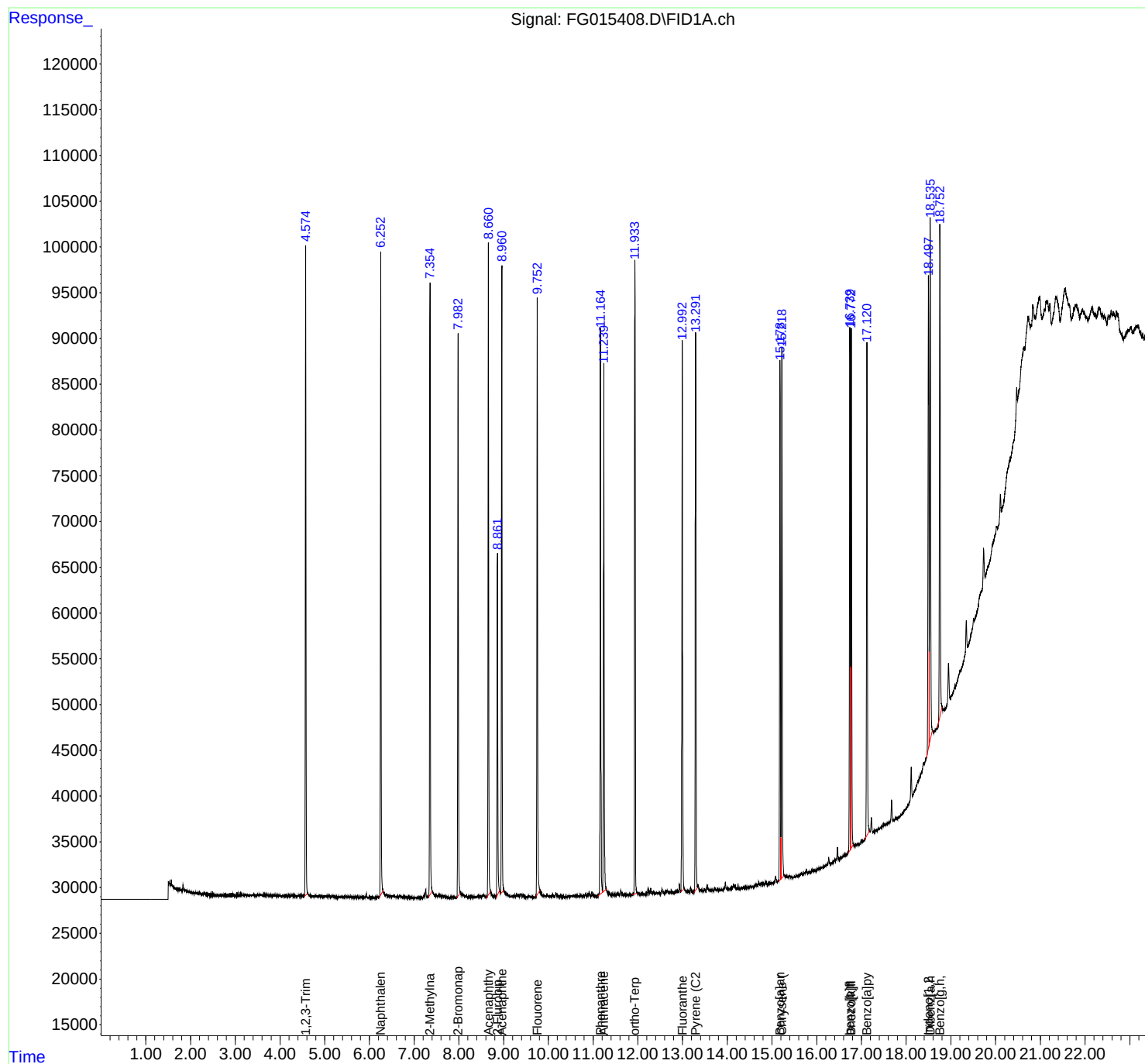
(m)=manual int.

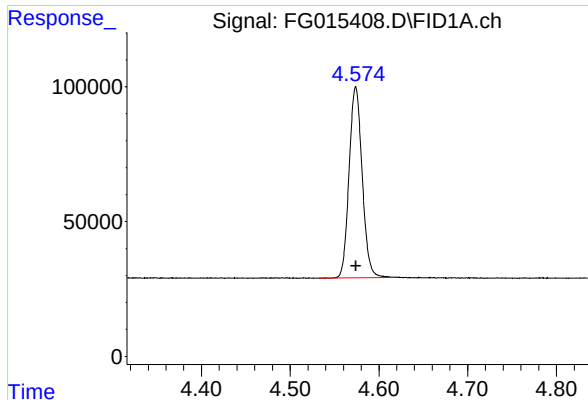
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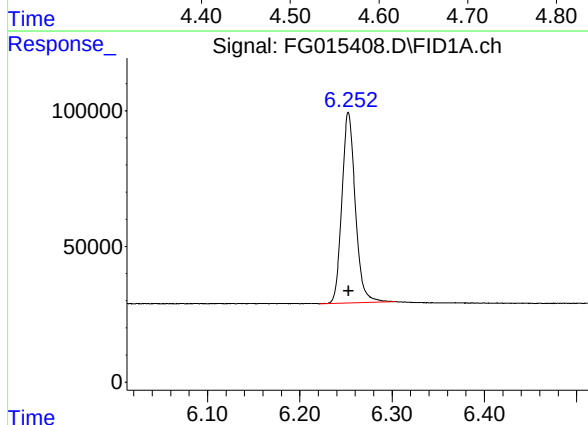




#1 1,2,3-Trimethylbenzene (C10.1)

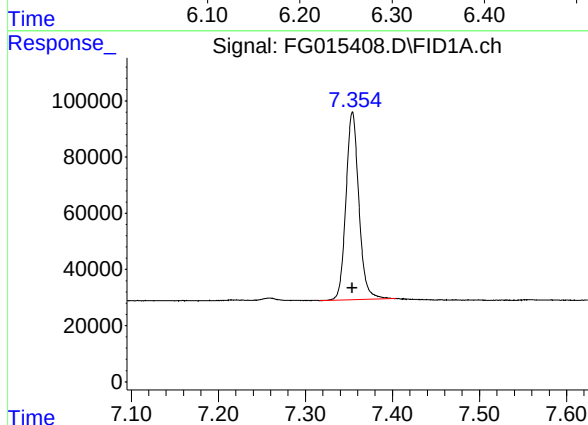
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 725151
Conc: 5.55 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



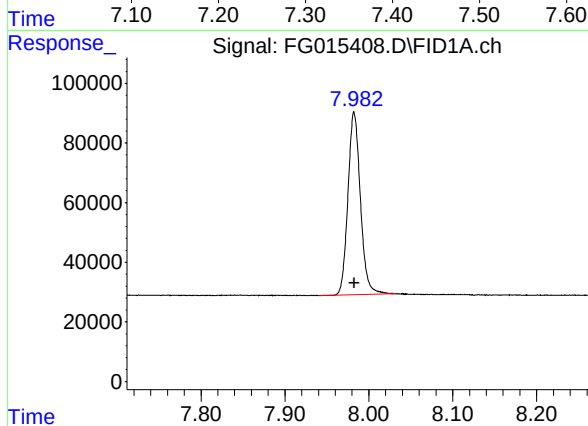
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 708516
Conc: 5.38 ug/ml



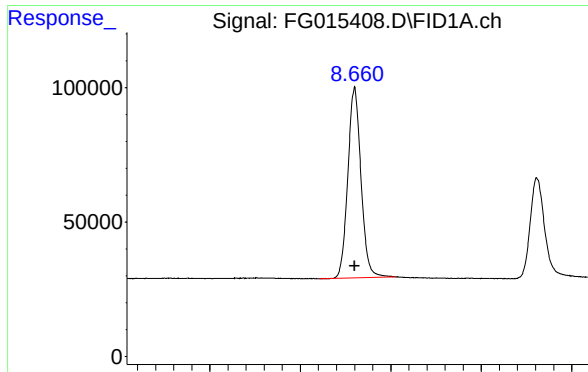
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 689028
Conc: 5.36 ug/ml



#4 2-Bromonaphthalene (SURR)

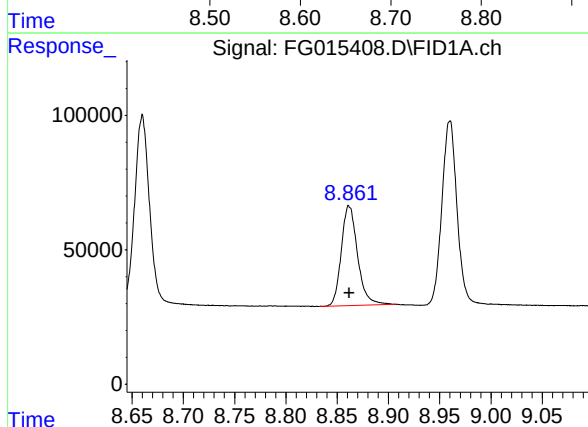
R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 634483
Conc: 5.40 ug/ml



#5 Acenaphthylene (C15.06)

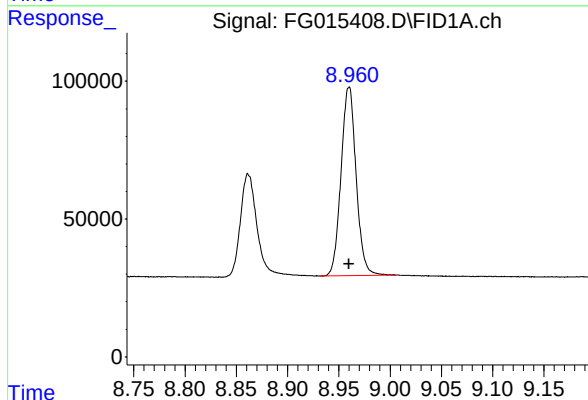
R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 716372
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



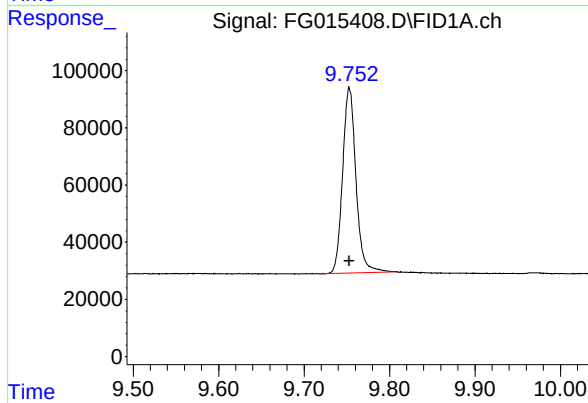
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 410450
Conc: 5.26 ug/ml



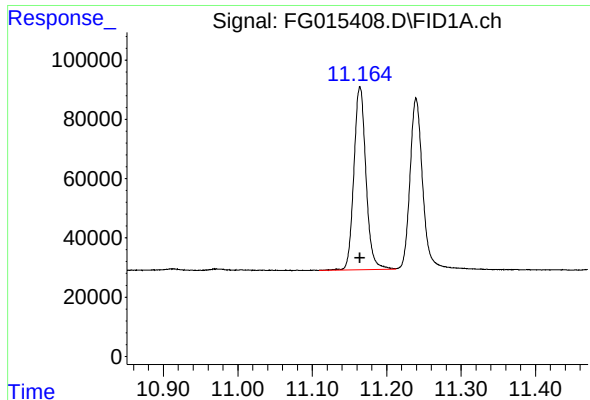
#7 Acenaphthene (C15.5)

R.T.: 8.960 min
Delta R.T.: 0.000 min
Response: 701571
Conc: 5.42 ug/ml



#8 Flouorene (C16.55)

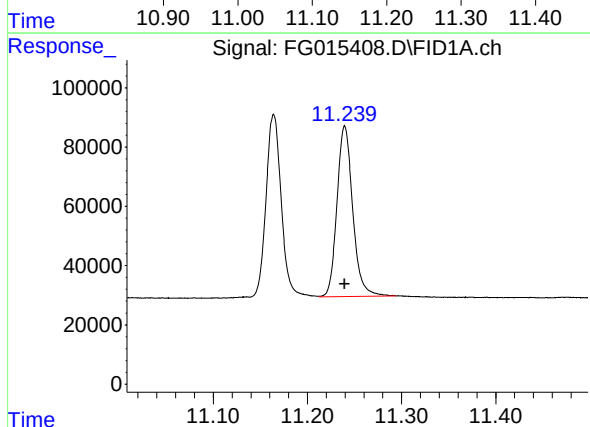
R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 703072
Conc: 5.40 ug/ml



#9 Phenanthrene (C19.36)

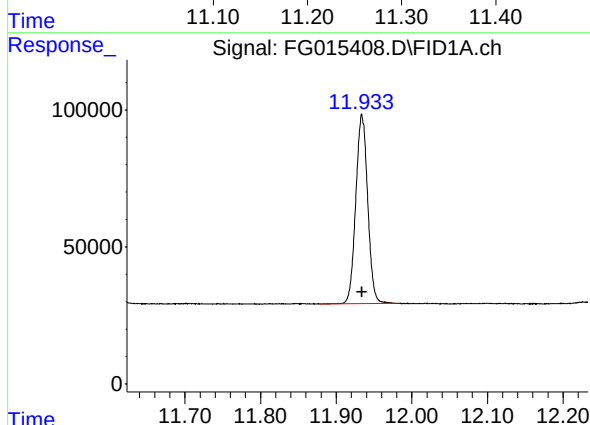
R.T.: 11.164 min
Delta R.T.: 0.000 min
Response: 693682
Conc: 5.46 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



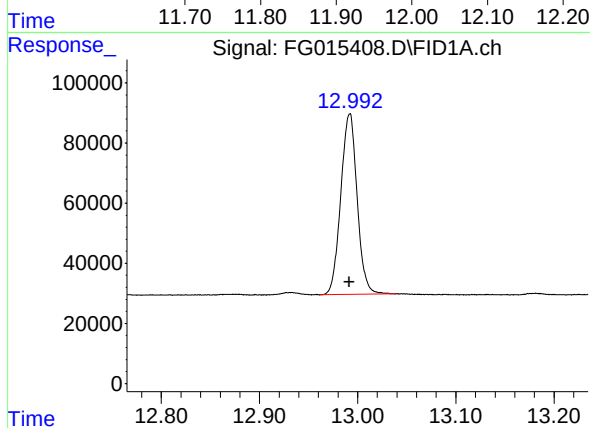
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 666666
Conc: 5.44 ug/ml



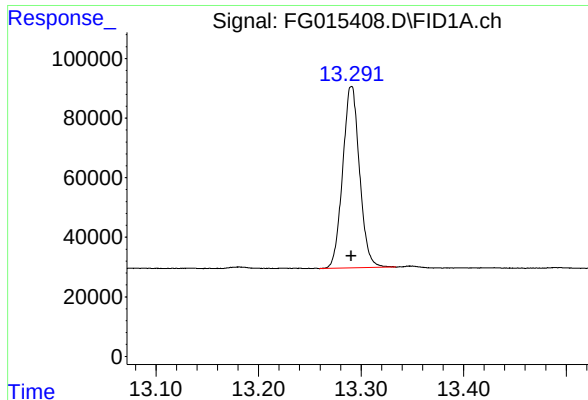
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 753373
Conc: 5.60 ug/ml



#12 Fluoranthene (C21.85)

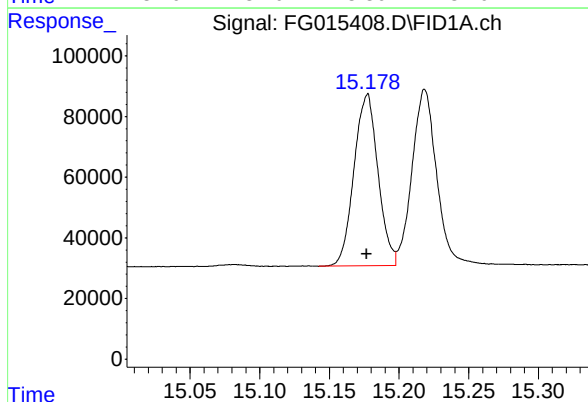
R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 694807
Conc: 5.49 ug/ml



#13 Pyrene (C20.8)

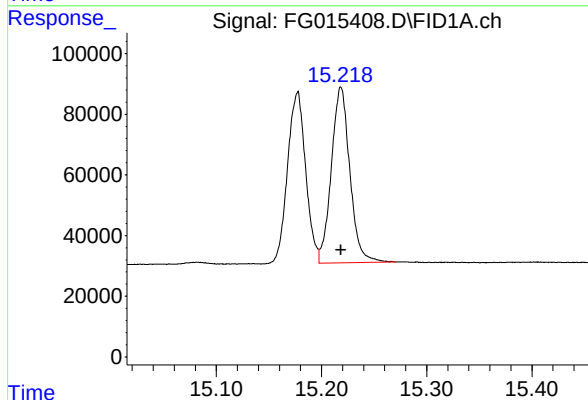
R.T.: 13.291 min
Delta R.T.: 0.000 min
Response: 696631
Conc: 5.54 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



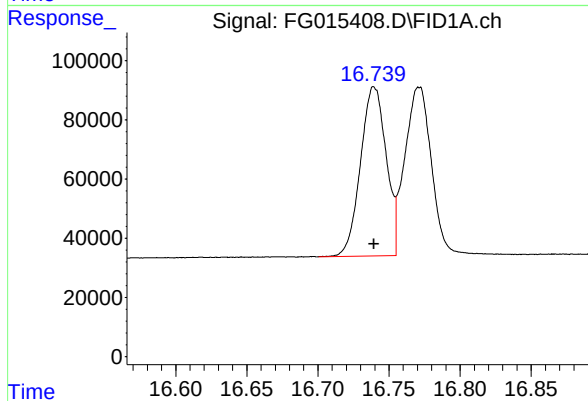
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.177 min
Delta R.T.: 0.000 min
Response: 677403
Conc: 5.52 ug/ml



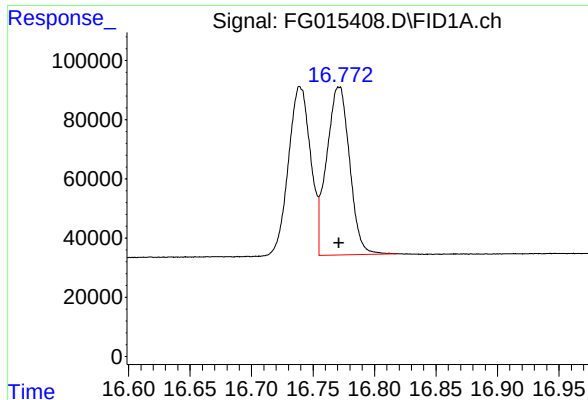
#15 Chrysene (C27.41)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 708028
Conc: 5.66 ug/ml



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

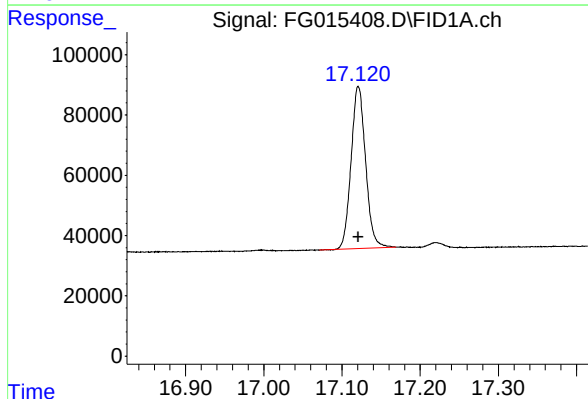
R.T.: 16.740 min
Delta R.T.: 0.000 min
Response: 716911
Conc: 5.56 ug/ml



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

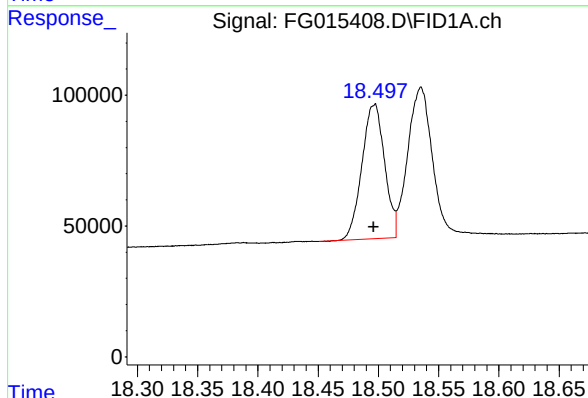
R.T.: 16.771 min
Delta R.T.: 0.000 min
Response: 735036
Conc: 5.68 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



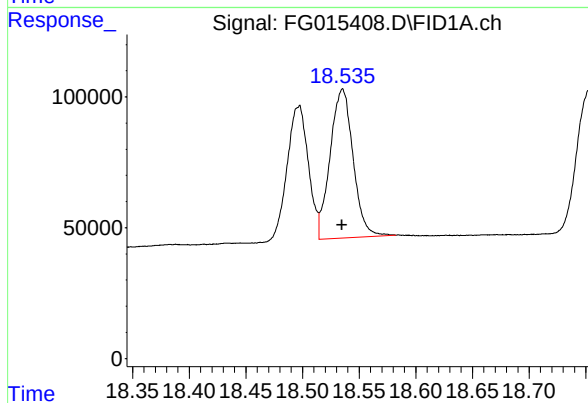
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.121 min
Delta R.T.: 0.000 min
Response: 691495
Conc: 5.53 ug/ml



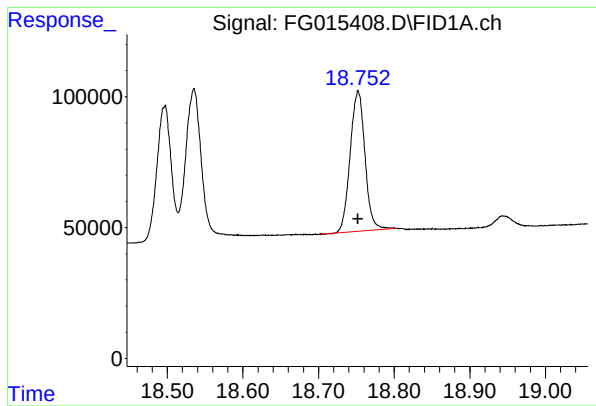
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.496 min
Delta R.T.: 0.000 min
Response: 670726
Conc: 5.47 ug/ml



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

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 802977
Conc: 5.90 ug/ml



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

R.T.: 18.752 min
Delta R.T.: 0.000 min
Response: 725670
Conc: 5.53 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5