

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015503.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 18:01
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 18 05:05:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:03:12 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...	7.970	6252076	50.921 ug/ml
Spiked Amount 50.000		Recovery =	101.84%
6) S 2-Fluorobiphenyl (SURR)	8.848	4317875	51.314 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.63%
11) S ortho-Terphenyl (SURR)	11.922	7266771	49.864 ug/ml
Spiked Amount 50.000		Recovery =	99.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	6683567	50.449 ug/ml
2) T Naphthalene (C11.7)	6.238	6962500	51.448 ug/ml
3) T 2-Methylnaphthalene (...)	7.341	6863854	51.028 ug/ml
5) T Acenaphthylene (C15.06)	8.647	7140045	50.135 ug/ml
7) T Acenaphthene (C15.5)	8.948	6936861	50.491 ug/ml
8) T Fluorene (C16.55)	9.741	7121120	50.598 ug/ml
9) T Phenanthrene (C19.36)	11.152	7081296	50.210 ug/ml
10) T Anthracene (C19.43)	11.228	6911119	50.382 ug/ml
12) T Fluoranthene (C21.85)	12.980	7142483	50.058 ug/ml
13) T Pyrene (C20.8)	13.279	7059457	50.222 ug/ml
14) T Benzo[a]anthracene (C...	15.167	6915741	50.543 ug/ml
15) T Chrysene (C27.41)	15.211	6897314	49.540 ug/ml
16) T benzo[b]fluoranthene ...	16.730	6698936	50.261 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	6683367	49.377 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	6306419	50.235 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.488	5779285	52.909 ug/ml
20) T Dibenz[a,h]anthracene...	18.527	6138030	47.178 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	5964372	50.220 ug/ml

(f)=RT Delta > 1/2 Window

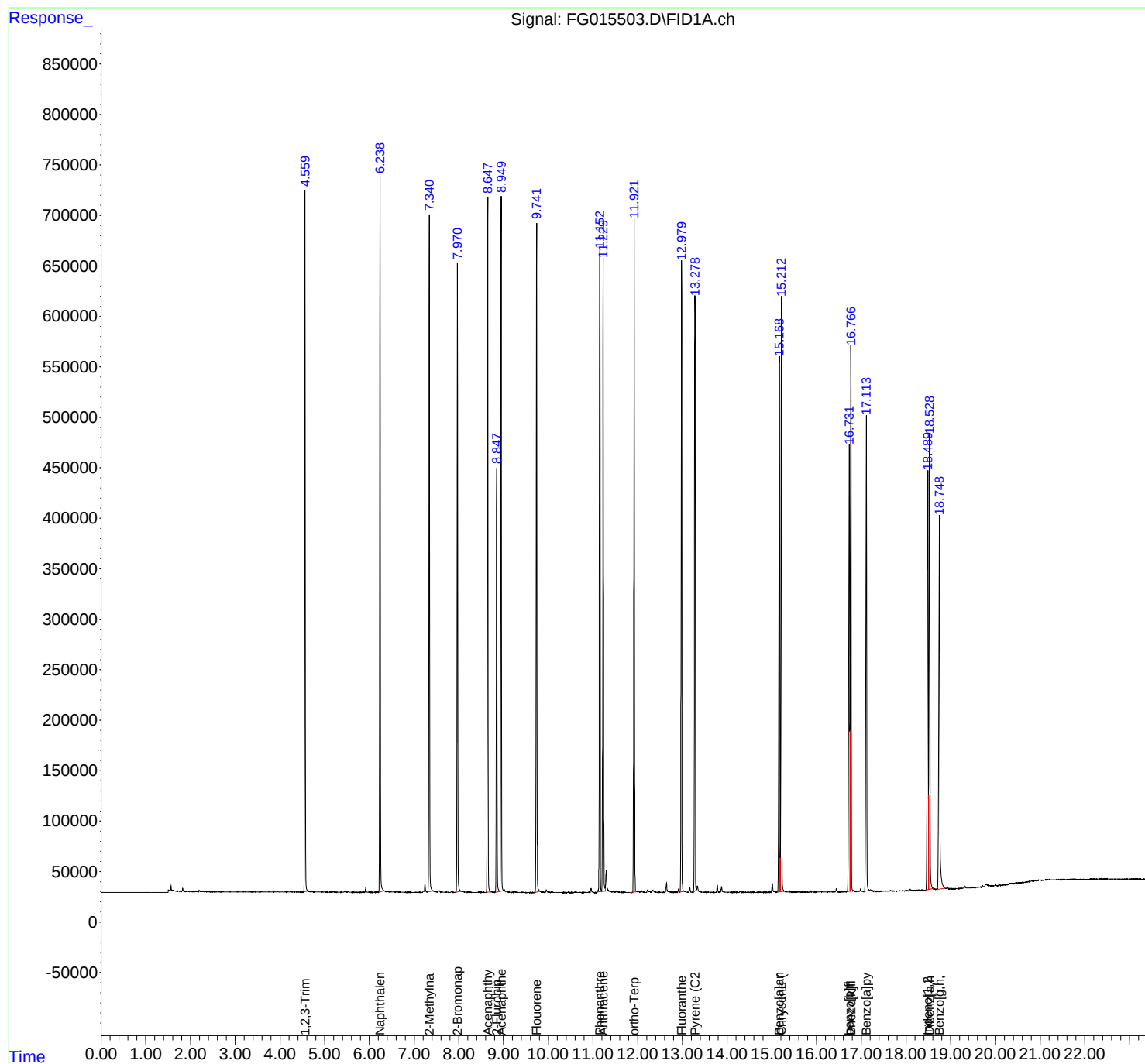
(m)=manual int.

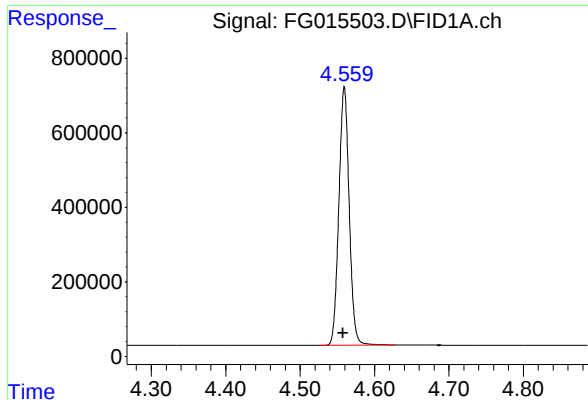
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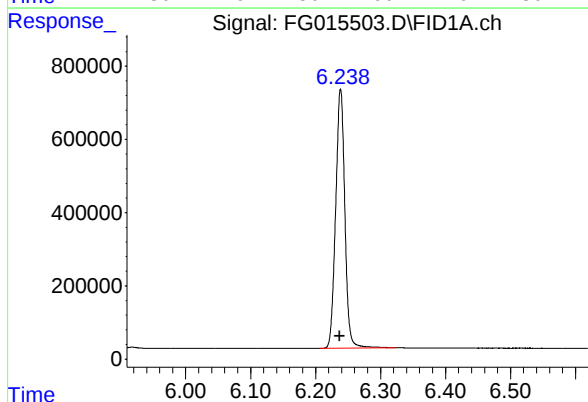




#1 1,2,3-Trimethylbenzene (C10.1)

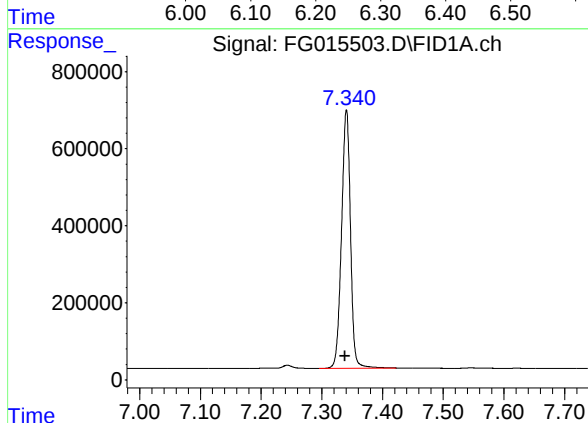
R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 6683567
Conc: 50.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



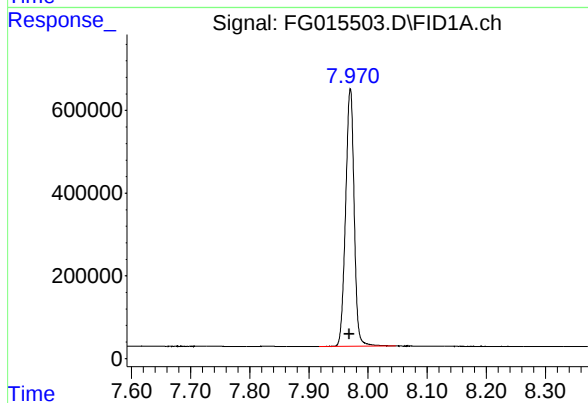
#2 Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 6962500
Conc: 51.45 ug/ml



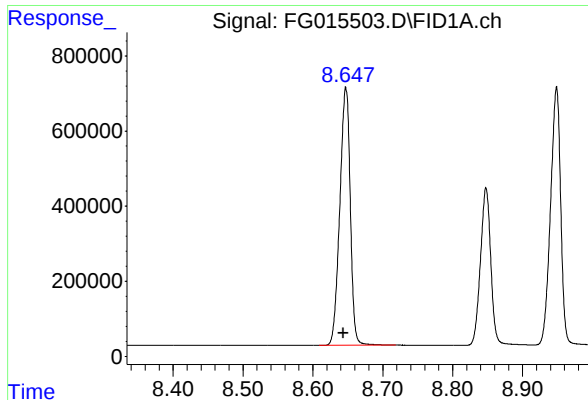
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.341 min
Delta R.T.: 0.002 min
Response: 6863854
Conc: 51.03 ug/ml



#4 2-Bromonaphthalene (SURR)

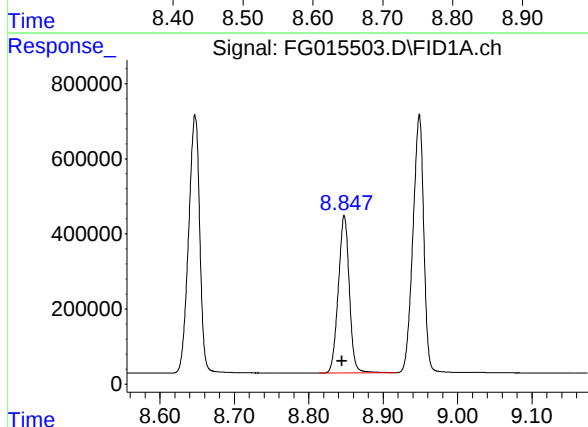
R.T.: 7.970 min
Delta R.T.: 0.002 min
Response: 6252076
Conc: 50.92 ug/ml



#5 Acenaphthylene (C15.06)

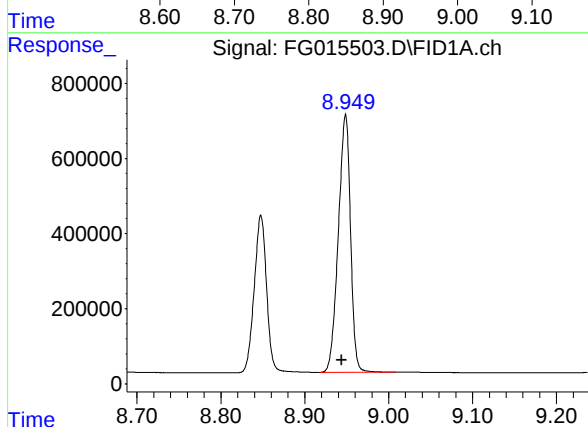
R.T.: 8.647 min
Delta R.T.: 0.003 min
Response: 7140045
Conc: 50.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



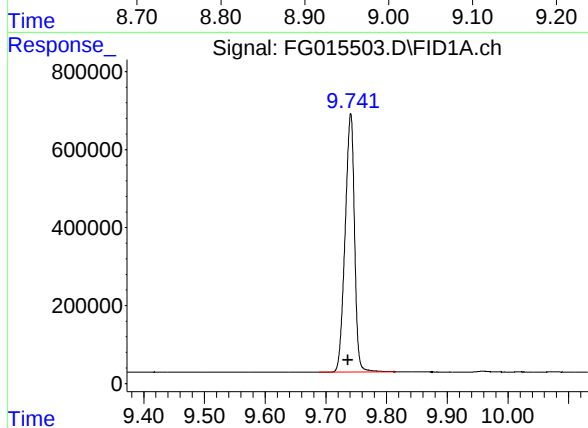
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.848 min
Delta R.T.: 0.003 min
Response: 4317875
Conc: 51.31 ug/ml



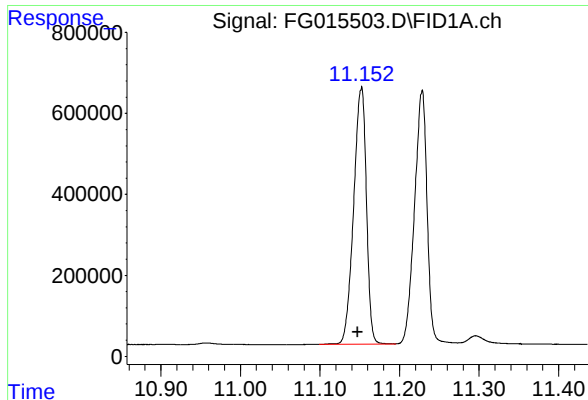
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: 0.004 min
Response: 6936861
Conc: 50.49 ug/ml



#8 Fluorene (C16.55)

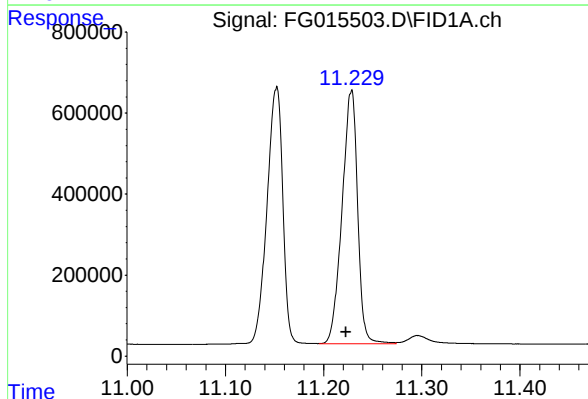
R.T.: 9.741 min
Delta R.T.: 0.004 min
Response: 7121120
Conc: 50.60 ug/ml



#9 Phenanthrene (C19.36)

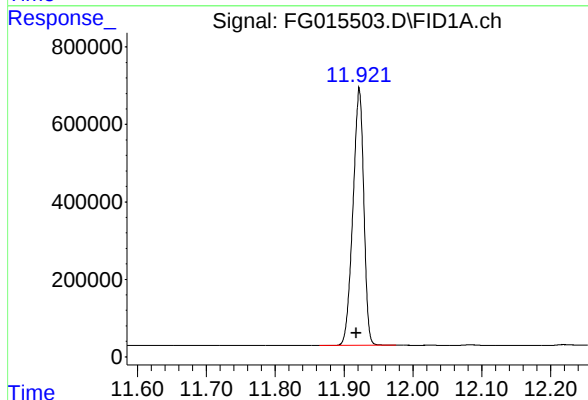
R.T.: 11.152 min
Delta R.T.: 0.004 min
Response: 7081296
Conc: 50.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



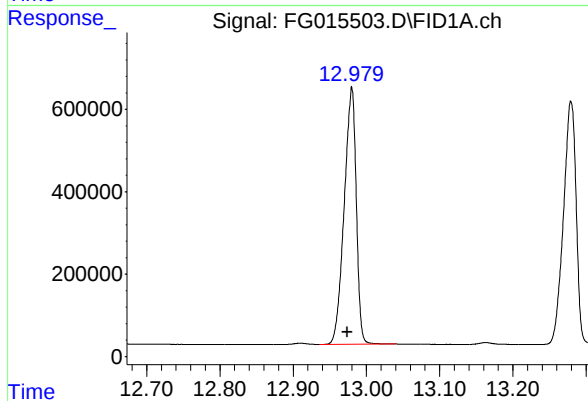
#10 Anthracene (C19.43)

R.T.: 11.228 min
Delta R.T.: 0.005 min
Response: 6911119
Conc: 50.38 ug/ml



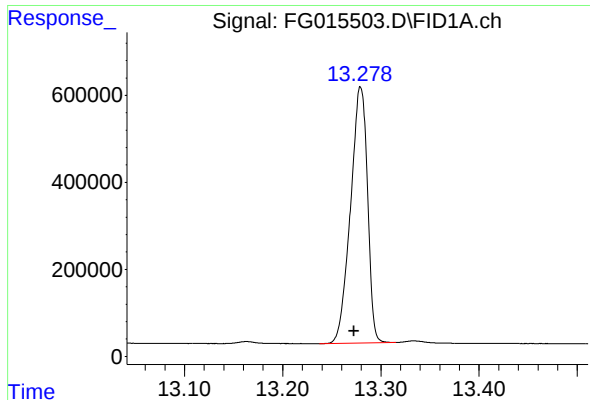
#11 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.004 min
Response: 7266771
Conc: 49.86 ug/ml



#12 Fluoranthene (C21.85)

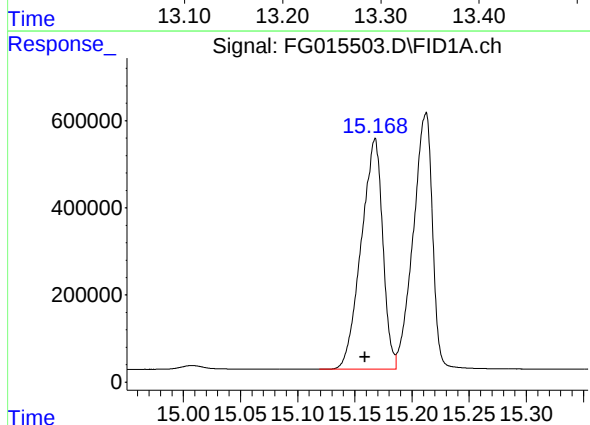
R.T.: 12.980 min
Delta R.T.: 0.006 min
Response: 7142483
Conc: 50.06 ug/ml



#13 Pyrene (C20.8)

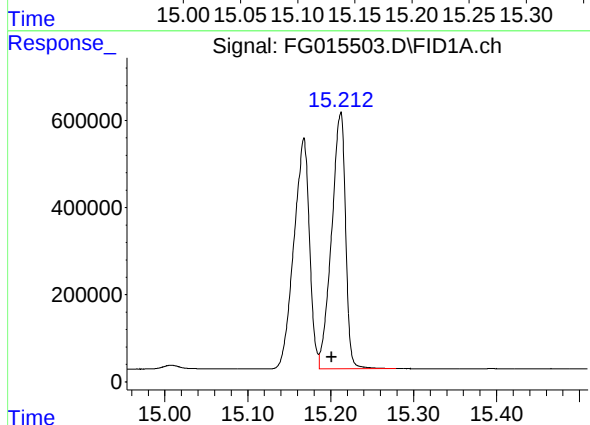
R.T.: 13.279 min
Delta R.T.: 0.007 min
Response: 7059457
Conc: 50.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



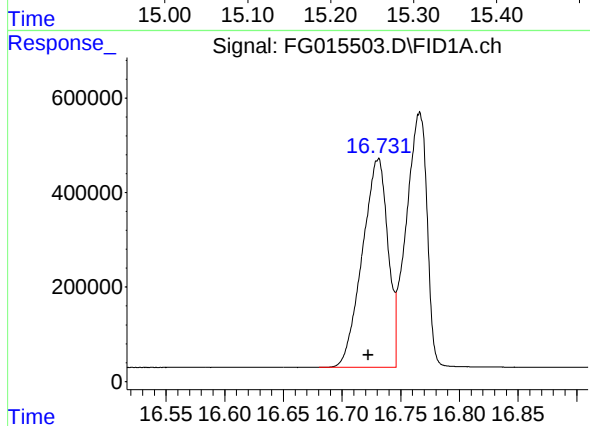
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.167 min
Delta R.T.: 0.008 min
Response: 6915741
Conc: 50.54 ug/ml



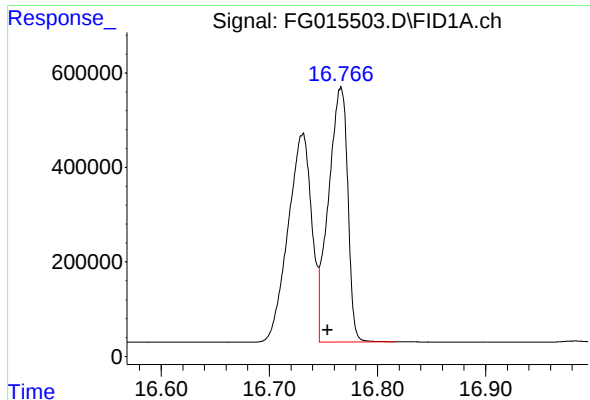
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.010 min
Response: 6897314
Conc: 49.54 ug/ml



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

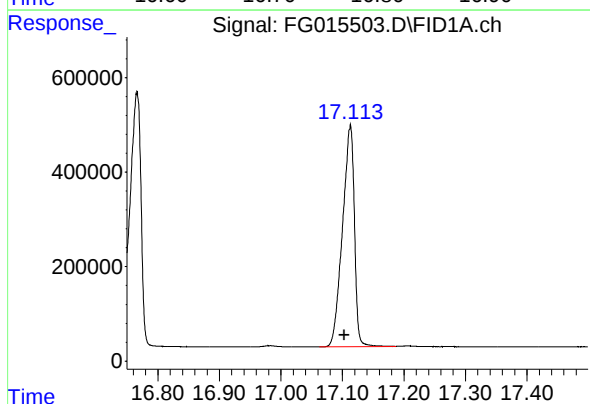
R.T.: 16.730 min
Delta R.T.: 0.008 min
Response: 6698936
Conc: 50.26 ug/ml



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

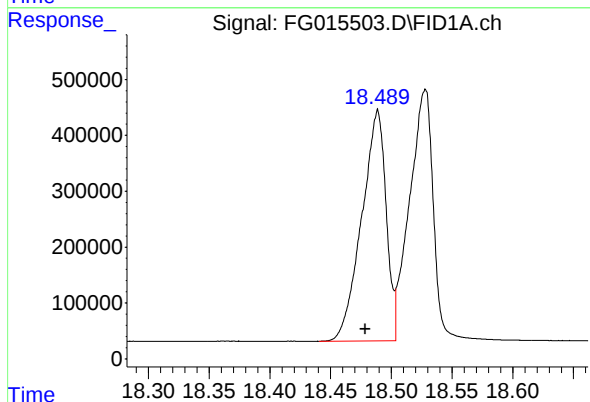
R.T.: 16.766 min
Delta R.T.: 0.012 min
Response: 6683367
Conc: 49.38 ug/ml

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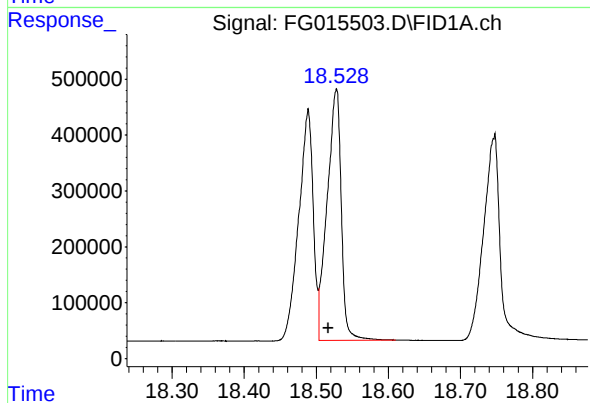
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.009 min
Response: 6306419
Conc: 50.24 ug/ml



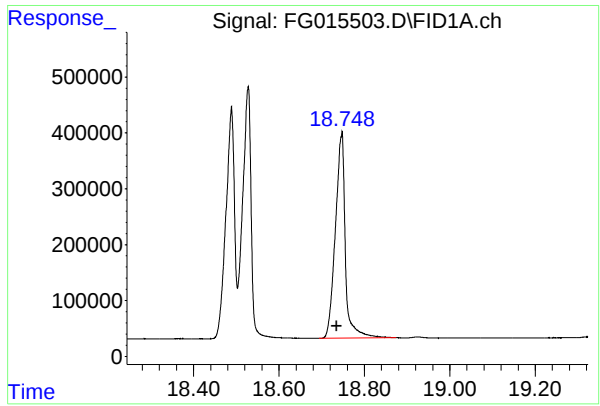
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.488 min
Delta R.T.: 0.009 min
Response: 5779285
Conc: 52.91 ug/ml



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

R.T.: 18.527 min
Delta R.T.: 0.010 min
Response: 6138030
Conc: 47.18 ug/ml



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

R.T.: 18.746 min
Delta R.T.: 0.011 min
Response: 5964372
Conc: 50.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2