

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AR\
 Data File : FG014954.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 16:10
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 10 17:09:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 17:02:40 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...	7.999	5615053	49.247 ug/ml
Spiked Amount 50.000		Recovery =	98.49%
6) S 2-Fluorobiphenyl (SURR)	8.874	3732149	49.269 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.54%
11) S ortho-Terphenyl (SURR)	11.945	6295716	49.202 ug/ml
Spiked Amount 50.000		Recovery =	98.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	6255838	49.379 ug/ml
2) T Naphthalene (C11.7)	6.273	6384706	49.566 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	6194171	49.319 ug/ml
5) T Acenaphthylene (C15.06)	8.675	6338072	49.273 ug/ml
7) T Acenaphthene (C15.5)	8.976	6197986	49.306 ug/ml
8) T Fluorene (C16.55)	9.766	6144089	49.246 ug/ml
9) T Phenanthrene (C19.36)	11.174	5980948	49.223 ug/ml
10) T Anthracene (C19.43)	11.249	5702620	49.188 ug/ml
12) T Fluoranthene (C21.85)	12.998	5964734	49.195 ug/ml
13) T Pyrene (C20.8)	13.298	5942936	49.244 ug/ml
14) T Benzo[a]anthracene (C...	15.179	5626281	49.279 ug/ml
15) T Chrysene (C27.41)	15.224	5670012	49.176 ug/ml
16) T benzo[b]fluoranthene ...	16.739	5809889	49.327 ug/ml
17) T Bnezo[k]fluoranthene ...	16.775	5796102	49.344 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.120	5570487	49.344 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	5387168	49.290 ug/ml
20) T Dibenz[a,h]anthracene...	18.532	5783687	48.993 ug/ml
21) T Benzo[g,h,i]perylene ...	18.751	5890688	49.184 ug/ml

(f)=RT Delta > 1/2 Window

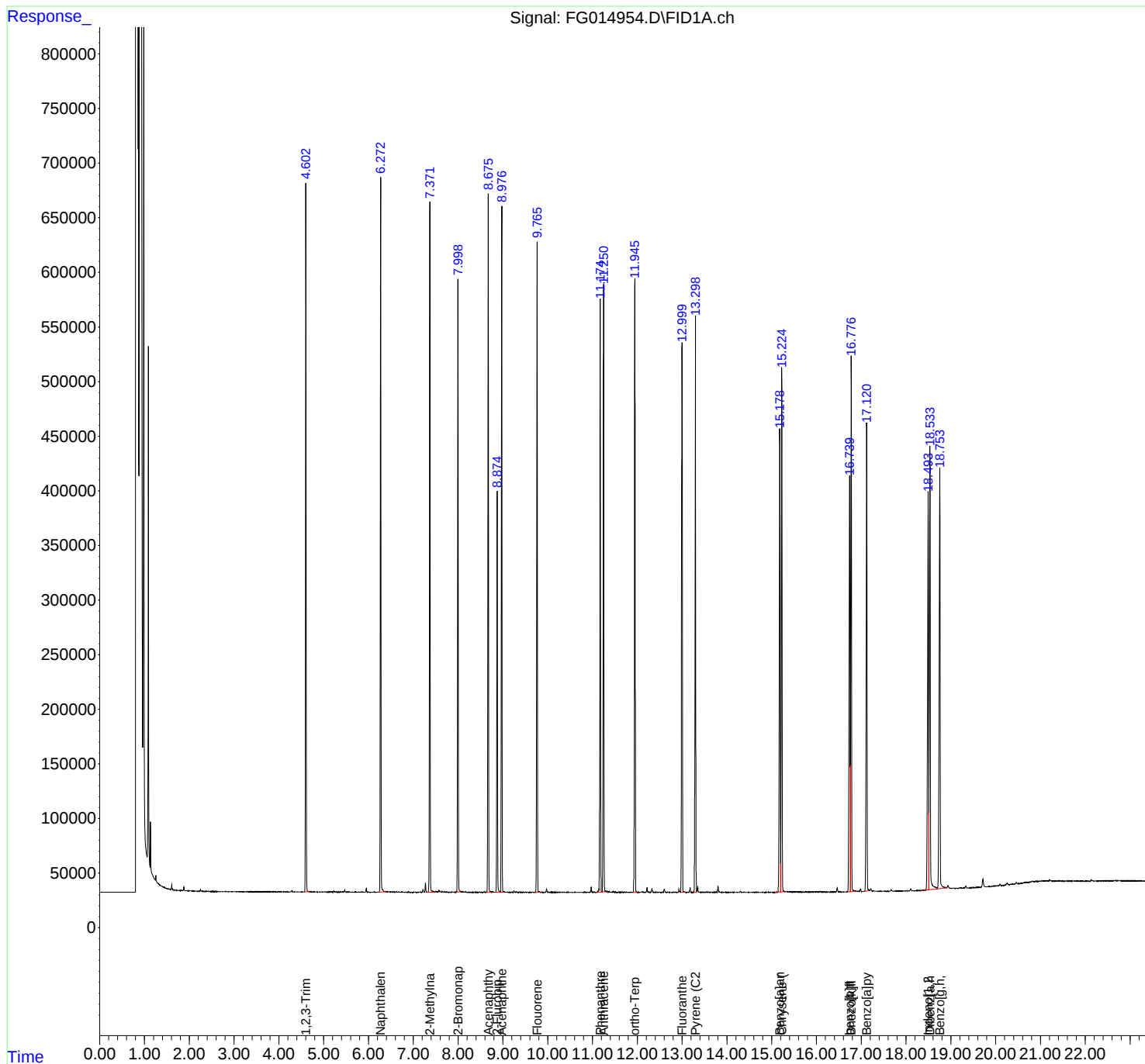
(m)=manual int.

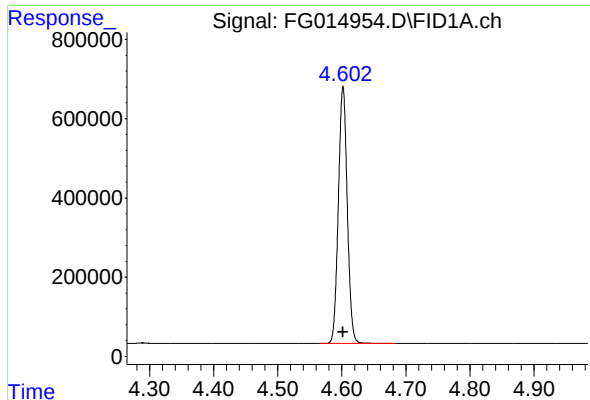
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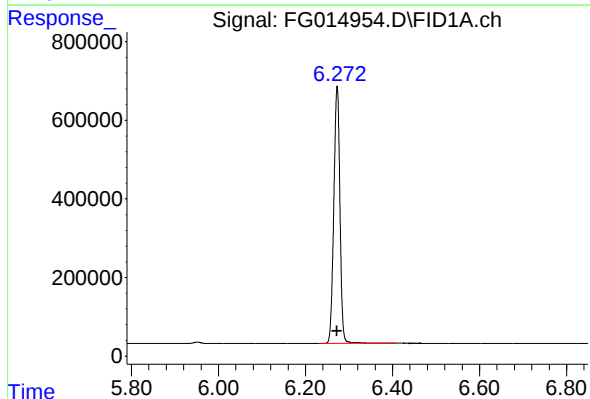




#1 1,2,3-Trimethylbenzene (C10.1)

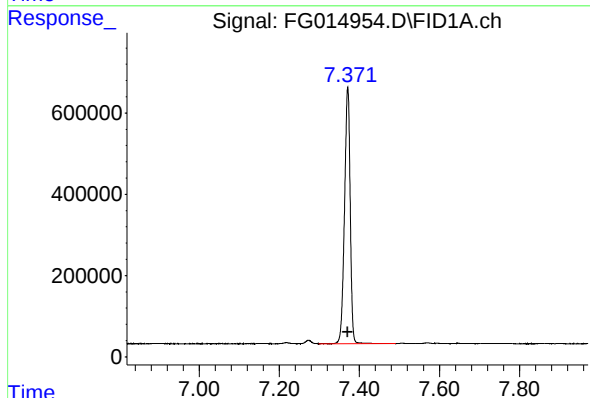
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 6255838
Conc: 49.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



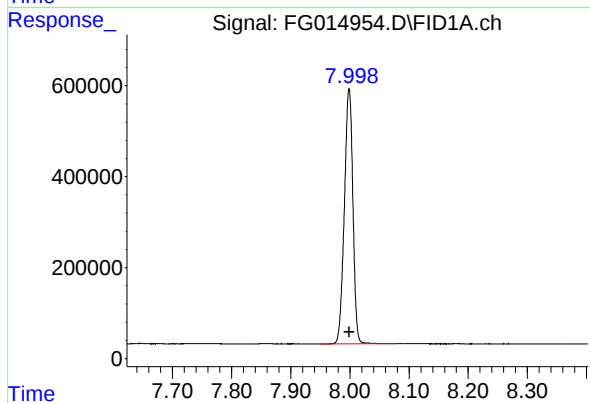
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 6384706
Conc: 49.57 ug/ml



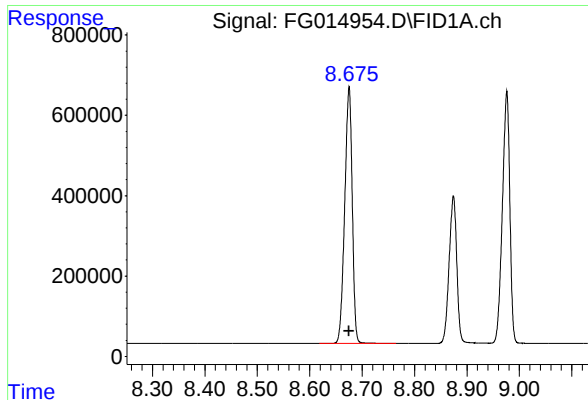
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 6194171
Conc: 49.32 ug/ml



#4 2-Bromonaphthalene (SURR)

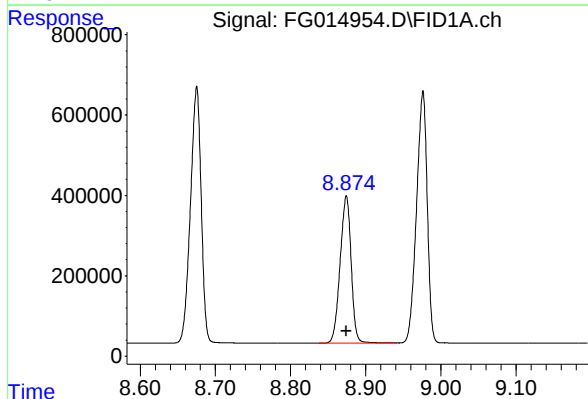
R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 5615053
Conc: 49.25 ug/ml



#5 Acenaphthylene (C15.06)

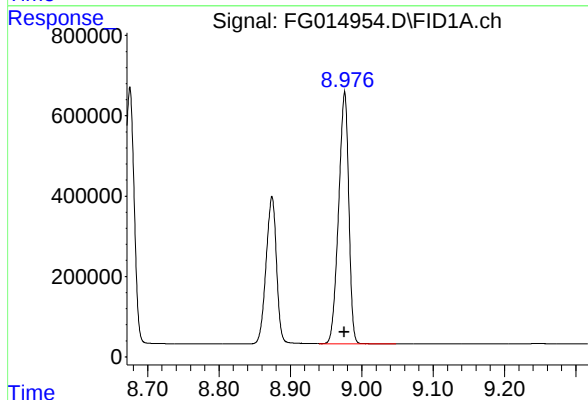
R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 6338072
Conc: 49.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



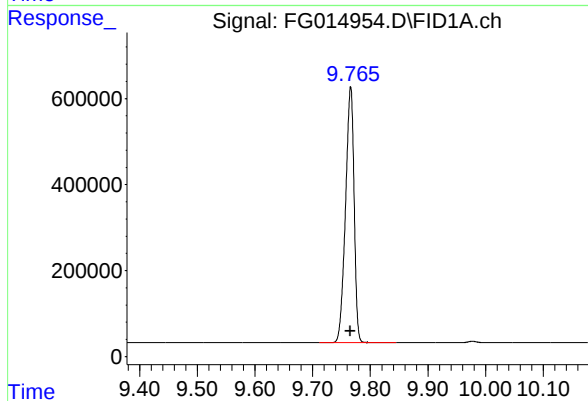
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: 0.000 min
Response: 3732149
Conc: 49.27 ug/ml



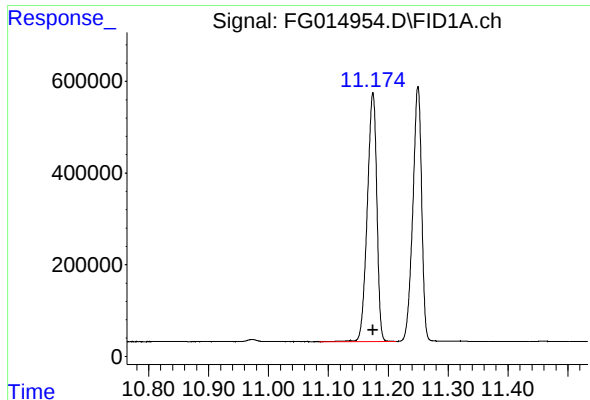
#7 Acenaphthene (C15.5)

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 6197986
Conc: 49.31 ug/ml



#8 Fluorene (C16.55)

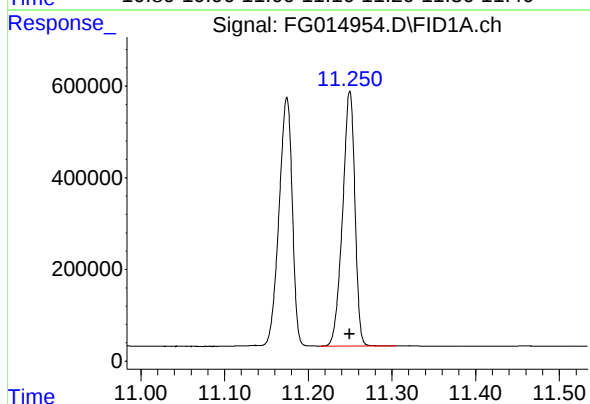
R.T.: 9.766 min
Delta R.T.: 0.000 min
Response: 6144089
Conc: 49.25 ug/ml



#9 Phenanthrene (C19.36)

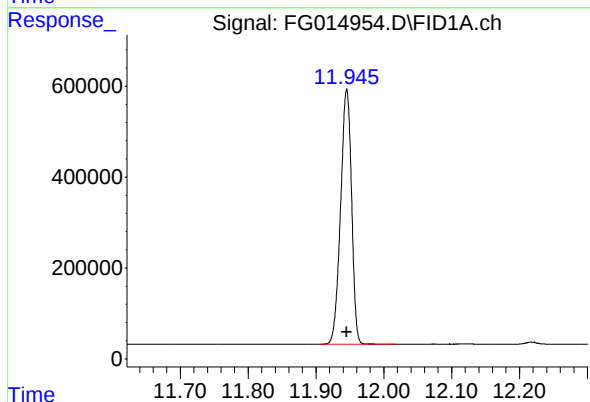
R.T.: 11.174 min
Delta R.T.: 0.000 min
Response: 5980948
Conc: 49.22 ug/ml

Instrument :
FID_G
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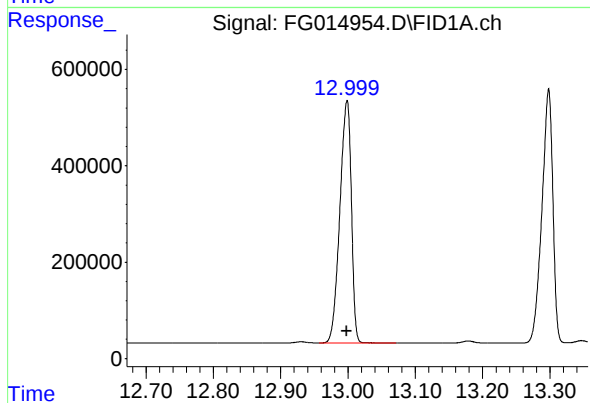
#10 Anthracene (C19.43)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 5702620
Conc: 49.19 ug/ml



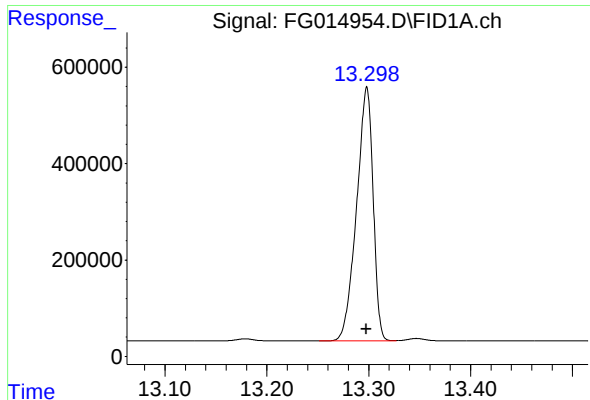
#11 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.000 min
Response: 6295716
Conc: 49.20 ug/ml



#12 Fluoranthene (C21.85)

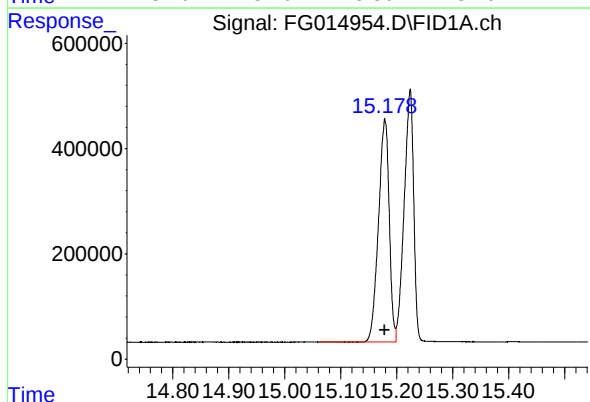
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 5964734
Conc: 49.19 ug/ml



#13 Pyrene (C20.8)

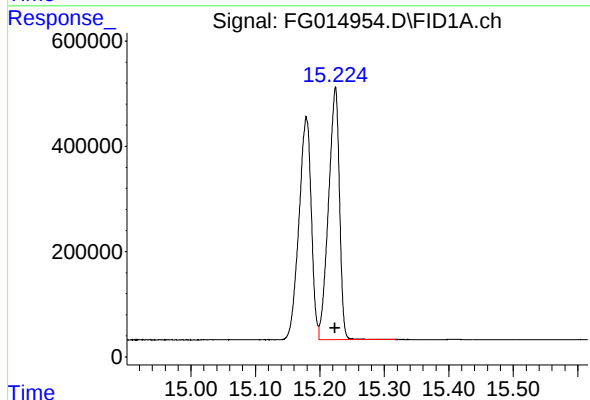
R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 5942936
Conc: 49.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



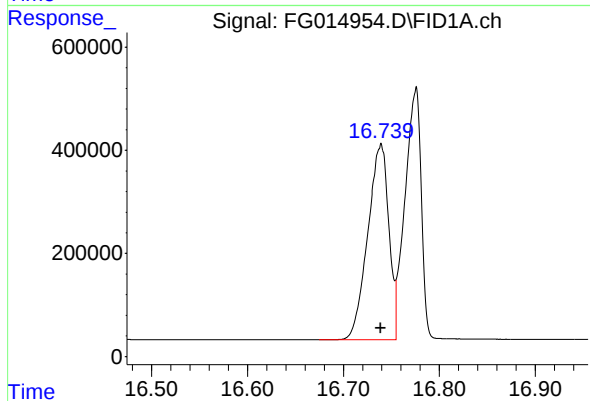
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.179 min
Delta R.T.: 0.000 min
Response: 5626281
Conc: 49.28 ug/ml



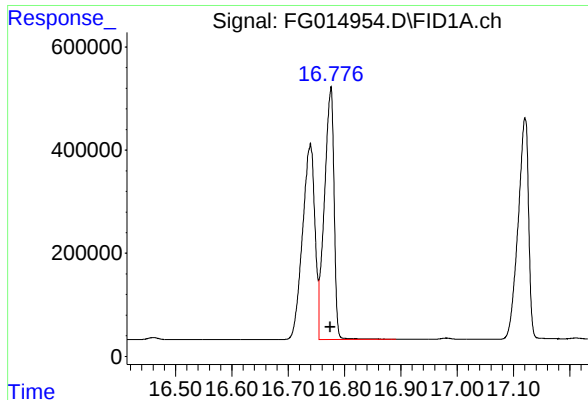
#15 Chrysene (C27.41)

R.T.: 15.224 min
Delta R.T.: 0.000 min
Response: 5670012
Conc: 49.18 ug/ml



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

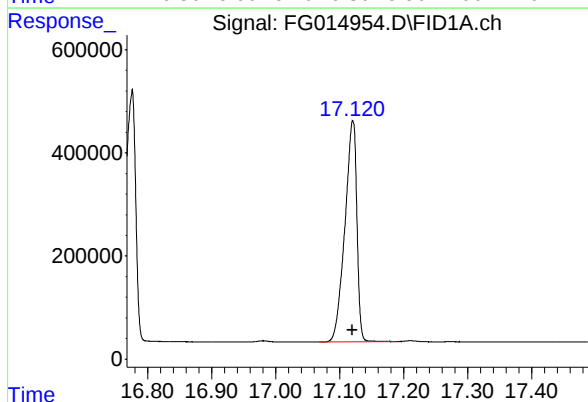
R.T.: 16.739 min
Delta R.T.: 0.000 min
Response: 5809889
Conc: 49.33 ug/ml



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

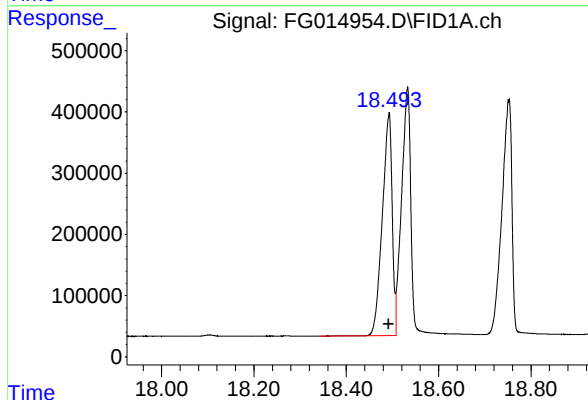
R.T.: 16.775 min
Delta R.T.: 0.000 min
Response: 5796102
Conc: 49.34 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



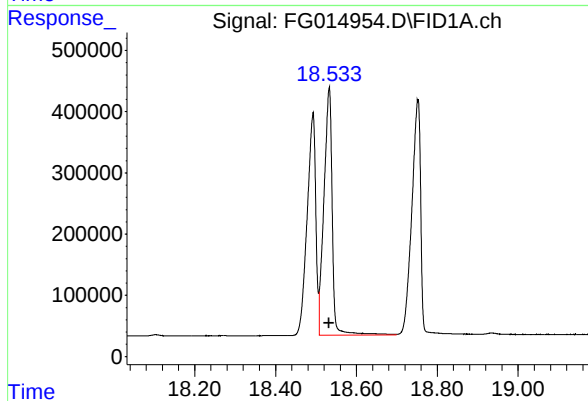
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.120 min
Delta R.T.: 0.000 min
Response: 5570487
Conc: 49.34 ug/ml



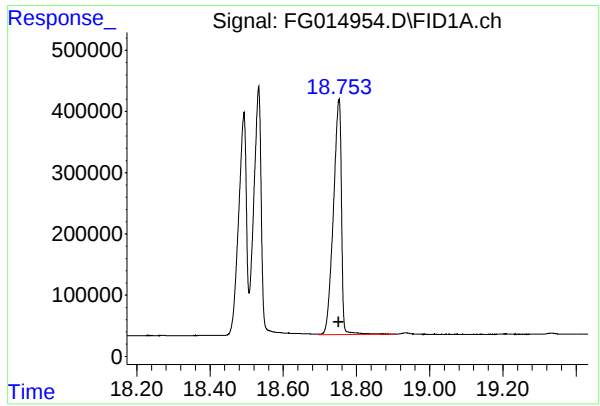
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 5387168
Conc: 49.29 ug/ml



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

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 5783687
Conc: 48.99 ug/ml



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

R.T.: 18.751 min

Delta R.T.: 0.000 min

Response: 5890688

Conc: 49.18 ug/ml

Instrument :

FID_G

ClientSampleId :

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