

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AR\
 Data File : FG014956.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 17:07
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 10 17:21:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 17:20:54 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...	7.996	1284347	10.919 ug/ml
Spiked Amount 50.000		Recovery =	21.84%
6) S 2-Fluorobiphenyl (SURR)	8.871	842800	10.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.64%
11) S ortho-Terphenyl (SURR)	11.941	1450885	10.972 ug/ml
Spiked Amount 50.000		Recovery =	21.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	1448840	11.040 ug/ml
2) T Naphthalene (C11.7)	6.271	1461476	10.977 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	1407006	10.876 ug/ml
5) T Acenaphthylene (C15.06)	8.671	1443460	10.889 ug/ml
7) T Acenaphthene (C15.5)	8.970	1407776	10.873 ug/ml
8) T Fluorene (C16.55)	9.760	1389739	10.831 ug/ml
9) T Phenanthrene (C19.36)	11.168	1342975	10.769 ug/ml
10) T Anthracene (C19.43)	11.243	1291758	10.833 ug/ml
12) T Fluoranthene (C21.85)	12.991	1361205	10.893 ug/ml
13) T Pyrene (C20.8)	13.289	1353456	10.884 ug/ml
14) T Benzo[a]anthracene (C...	15.170	1294252	10.970 ug/ml
15) T Chrysene (C27.41)	15.211	1334740	11.137 ug/ml
16) T benzo[b]fluoranthene ...	16.727	1340965	11.004 ug/ml
17) T Bnezo[k]fluoranthene ...	16.758	1371476	11.206 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.107	1298451	11.086 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.477	1237942	10.963 ug/ml
20) T Dibenz[a,h]anthracene...	18.518	1489739	11.844 ug/ml
21) T Benzo[g,h,i]perylene ...	18.732	1409315	11.269 ug/ml

(f)=RT Delta > 1/2 Window

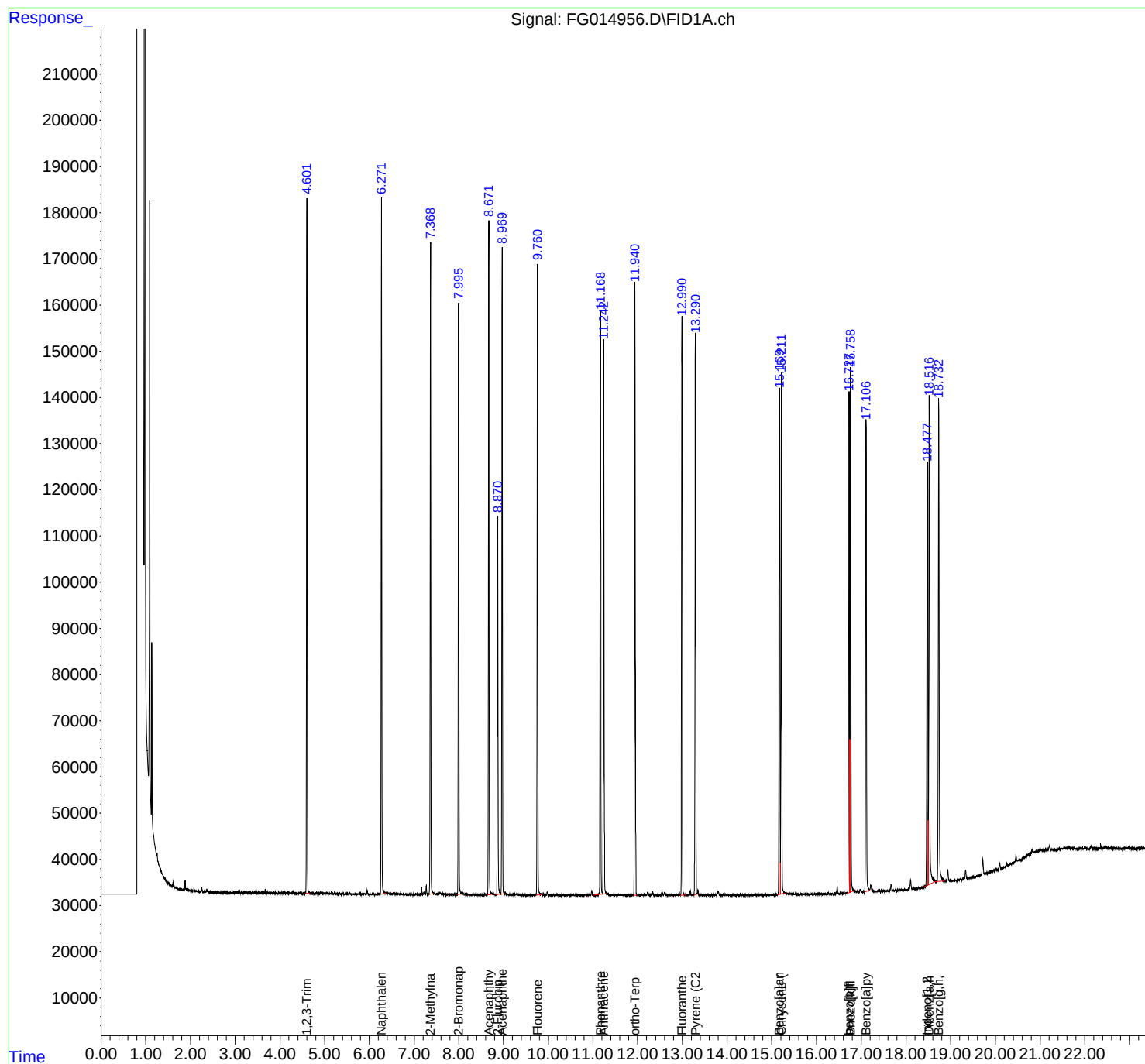
(m)=manual int.

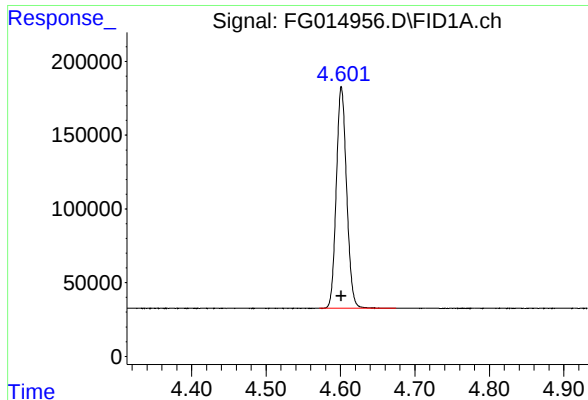
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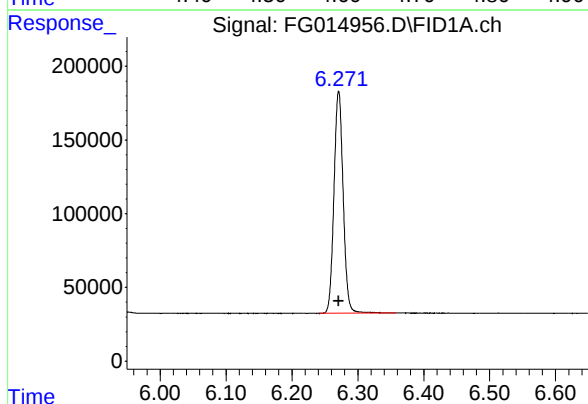




#1 1,2,3-Trimethylbenzene (C10.1)

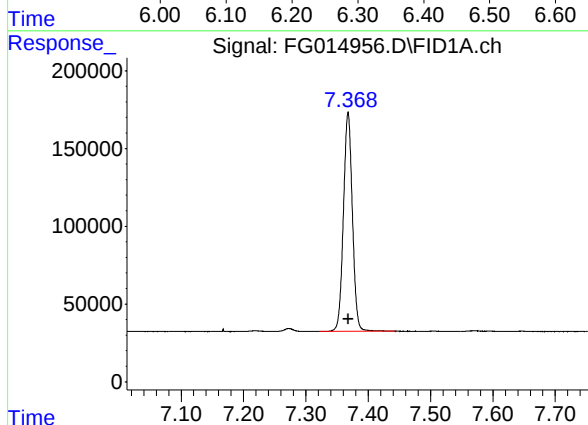
R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 1448840
Conc: 11.04 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



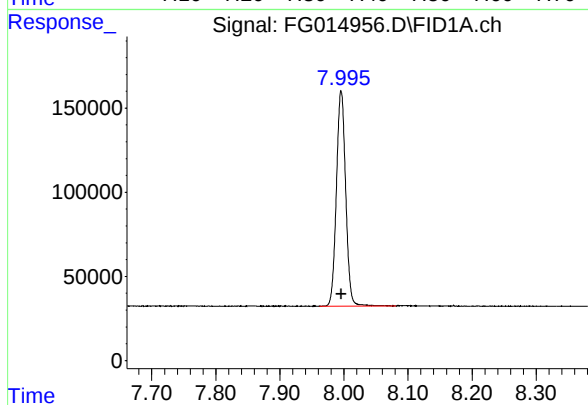
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 1461476
Conc: 10.98 ug/ml



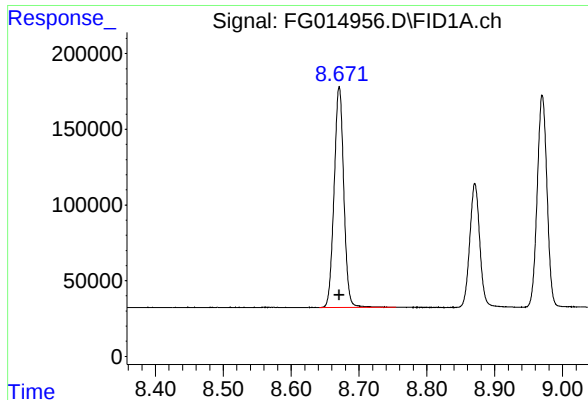
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 1407006
Conc: 10.88 ug/ml



#4 2-Bromonaphthalene (SURR)

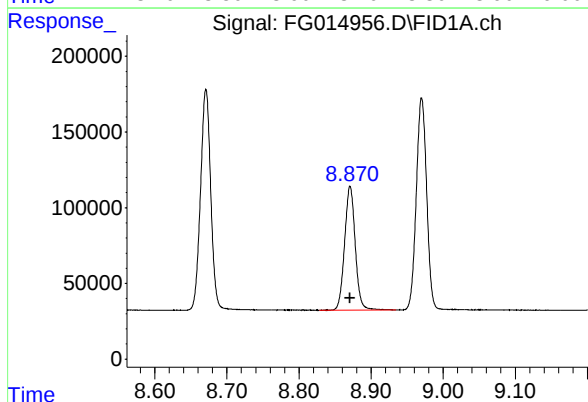
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 1284347
Conc: 10.92 ug/ml



#5 Acenaphthylene (C15.06)

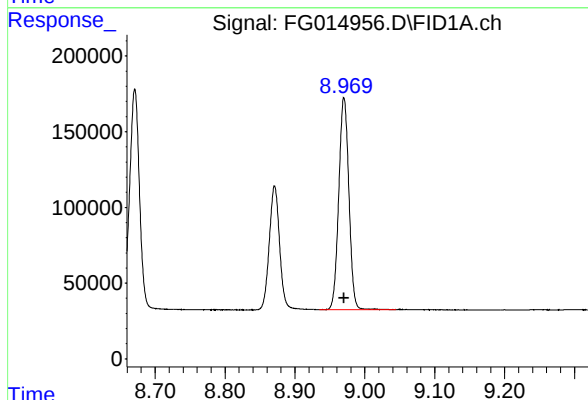
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 1443460
Conc: 10.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



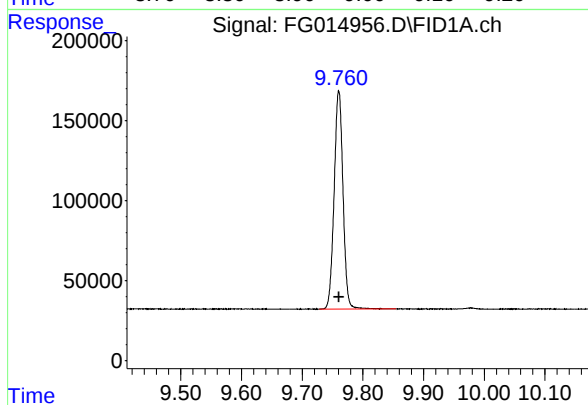
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 842800
Conc: 10.82 ug/ml



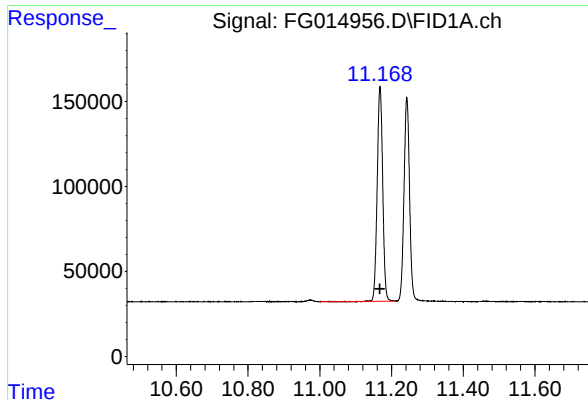
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 1407776
Conc: 10.87 ug/ml



#8 Fluorene (C16.55)

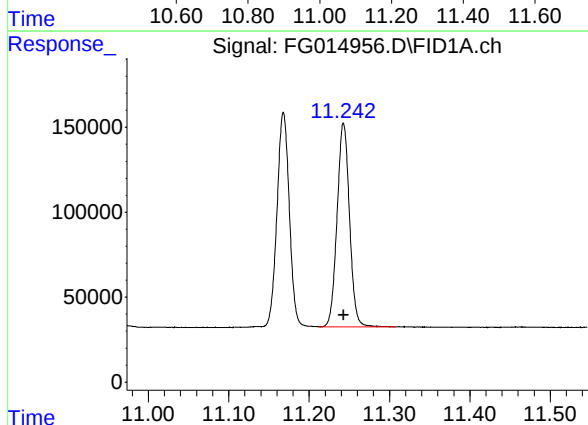
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 1389739
Conc: 10.83 ug/ml



#9 Phenanthrene (C19.36)

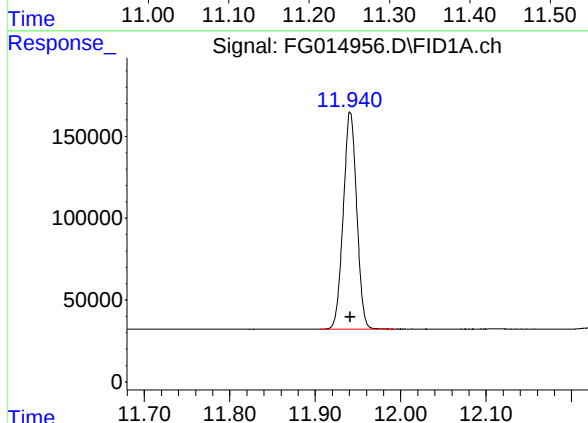
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 1342975
Conc: 10.77 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



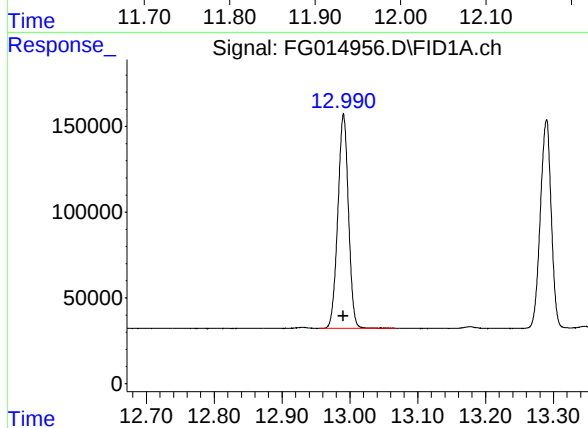
#10 Anthracene (C19.43)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 1291758
Conc: 10.83 ug/ml



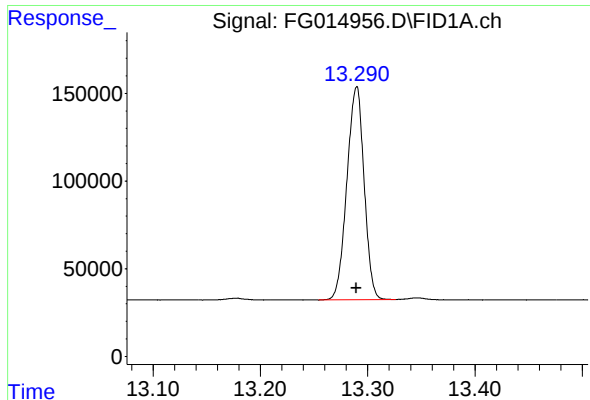
#11 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 1450885
Conc: 10.97 ug/ml



#12 Fluoranthene (C21.85)

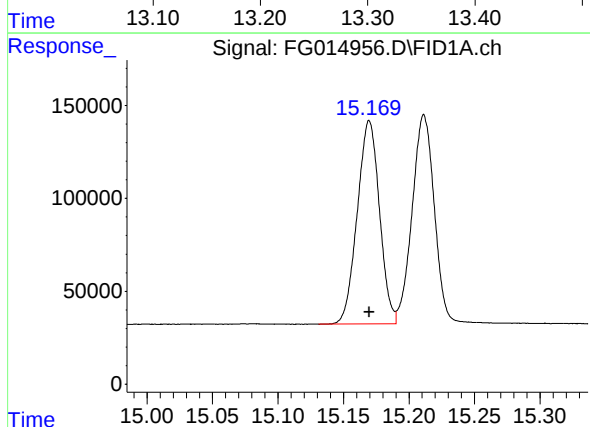
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 1361205
Conc: 10.89 ug/ml



#13 Pyrene (C20.8)

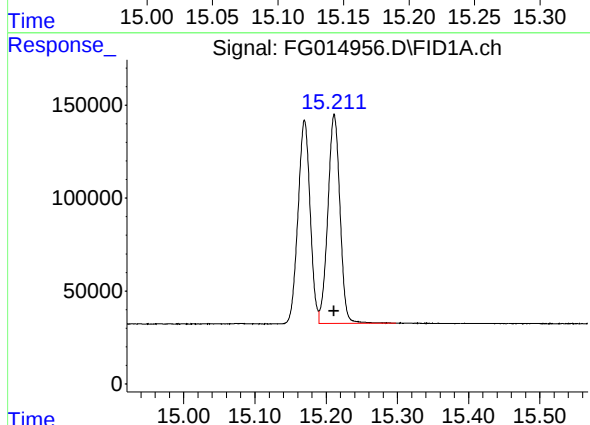
R.T.: 13.289 min
Delta R.T.: 0.000 min
Response: 1353456
Conc: 10.88 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



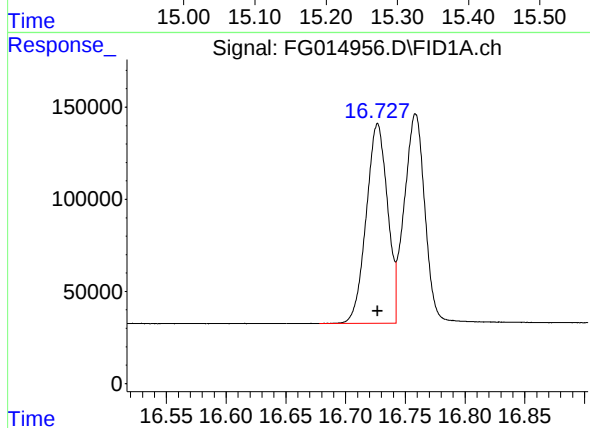
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 1294252
Conc: 10.97 ug/ml



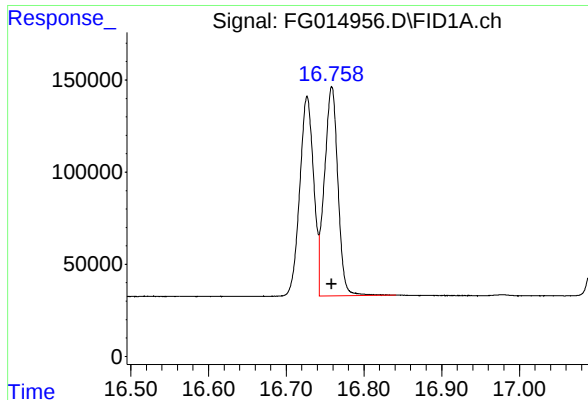
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 1334740
Conc: 11.14 ug/ml



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

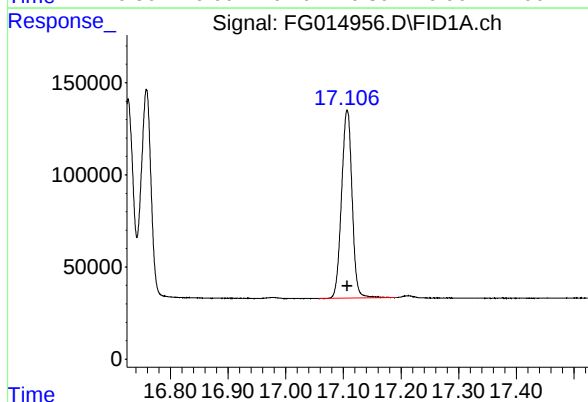
R.T.: 16.727 min
Delta R.T.: 0.000 min
Response: 1340965
Conc: 11.00 ug/ml



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

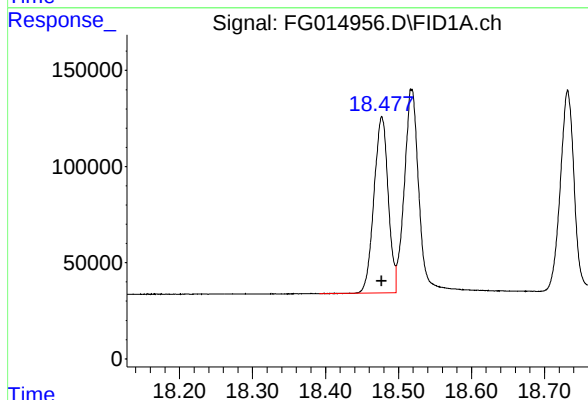
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 1371476
Conc: 11.21 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



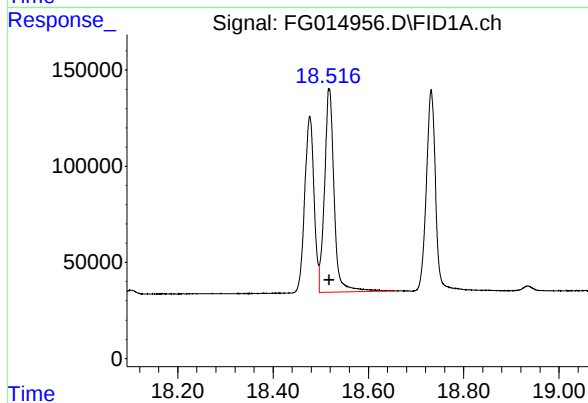
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.107 min
Delta R.T.: 0.000 min
Response: 1298451
Conc: 11.09 ug/ml



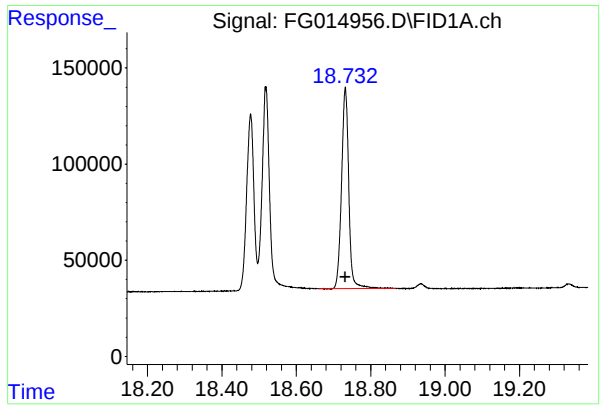
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 1237942
Conc: 10.96 ug/ml



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

R.T.: 18.518 min
Delta R.T.: 0.000 min
Response: 1489739
Conc: 11.84 ug/ml



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

R.T.: 18.732 min
Delta R.T.: 0.000 min
Response: 1409315
Conc: 11.27 ug/ml

Instrument :
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ClientSampleId :
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