

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AR\
 Data File : FG014466.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2024 21:36
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 22 04:39:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.035	2538034	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
6) S 2-Fluorobiphenyl (SURR)	8.911	1741970	20.224 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.45%
11) S ortho-Terphenyl (SURR)	11.984	2986790	20.173 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.636	2776176	20.490 ug/ml
2) T Naphthalene (C11.7)	6.309	2926259	20.392 ug/ml
3) T 2-Methylnaphthalene (...)	7.407	2973403	20.359 ug/ml
5) T Acenaphthylene (C15.06)	8.712	2938462	20.182 ug/ml
7) T Acenaphthene (C15.5)	9.012	2927069	20.226 ug/ml
8) T Fluorene (C16.55)	9.803	2923118	20.177 ug/ml
9) T Phenanthrene (C19.36)	11.212	2963901	20.137 ug/ml
10) T Anthracene (C19.43)	11.286	2825349	20.148 ug/ml
12) T Fluoranthene (C21.85)	13.036	2979972	20.149 ug/ml
13) T Pyrene (C20.8)	13.334	2959438	20.130 ug/ml
14) T Benzo[a]anthracene (C...	15.215	2917267	20.144 ug/ml
15) T Chrysene (C27.41)	15.259	2952428	20.128 ug/ml
16) T benzo[b]fluoranthene ...	16.773	2934808	19.954 ug/ml
17) T Bnezo[k]fluoranthene ...	16.805	2758651	19.990 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.152	2845028	19.949 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	2607892	19.539 ug/ml
20) T Dibenz[a,h]anthracene...	18.563	2764875	19.812 ug/ml
21) T Benzo[g,h,i]perylene ...	18.777	2743414	19.719 ug/ml

(f)=RT Delta > 1/2 Window

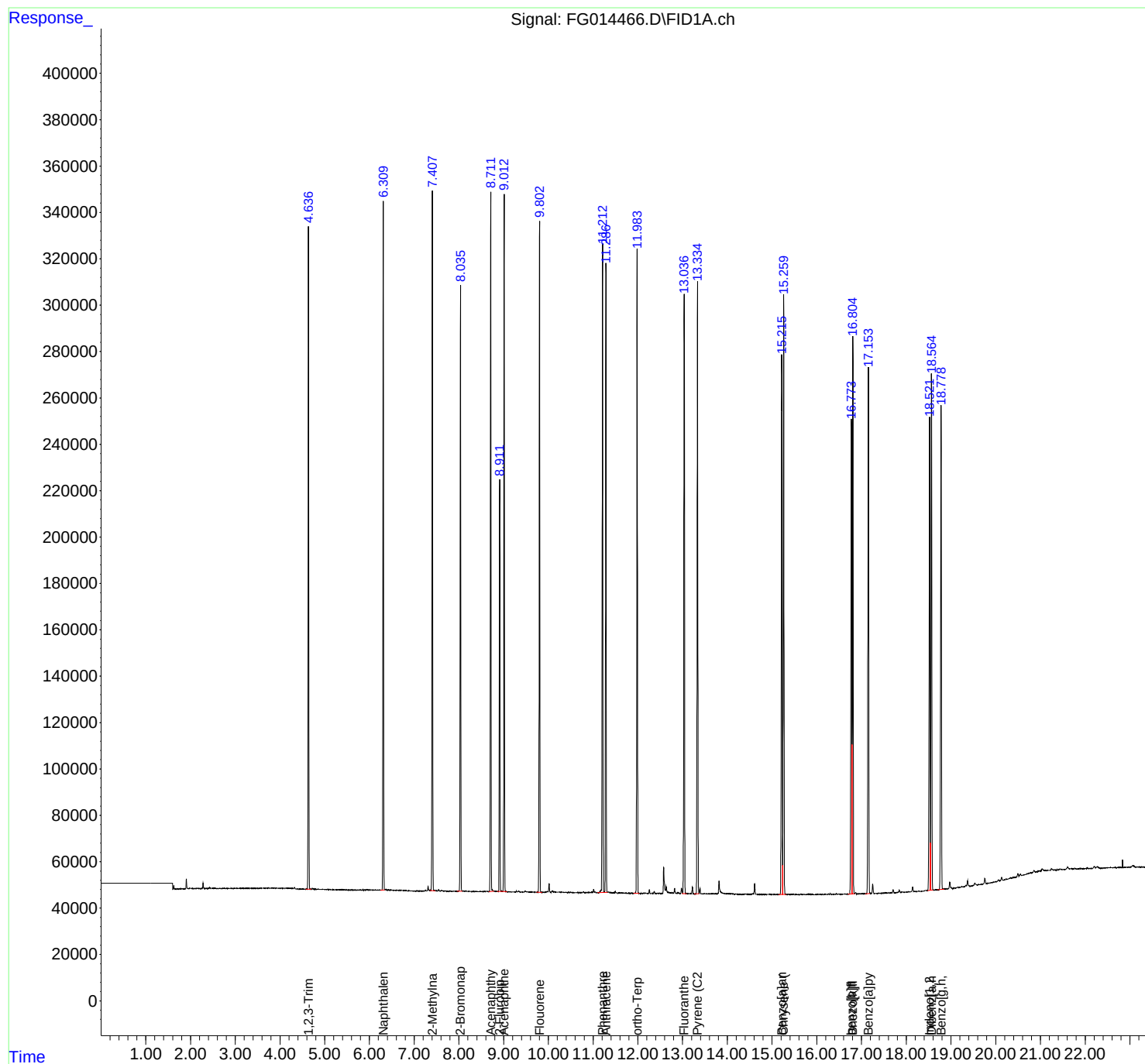
(m)=manual int.

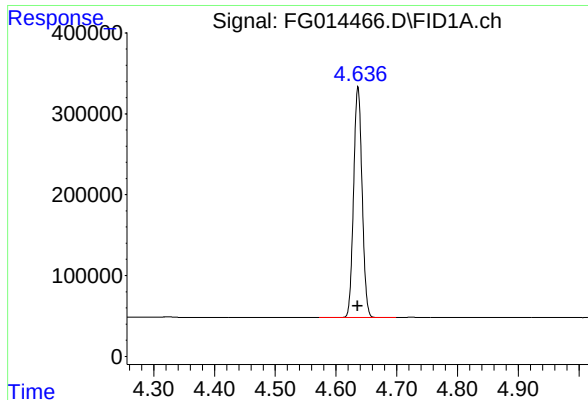
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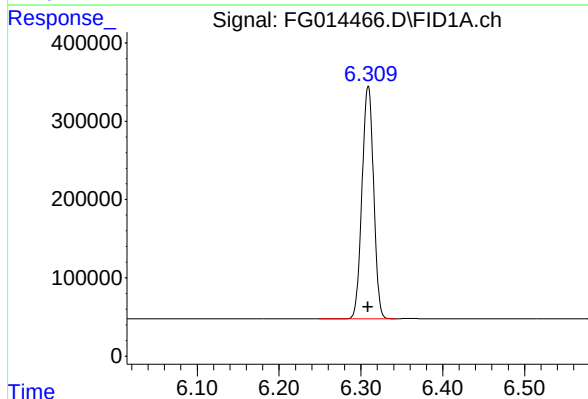




#1 1,2,3-Trimethylbenzene (C10.1)

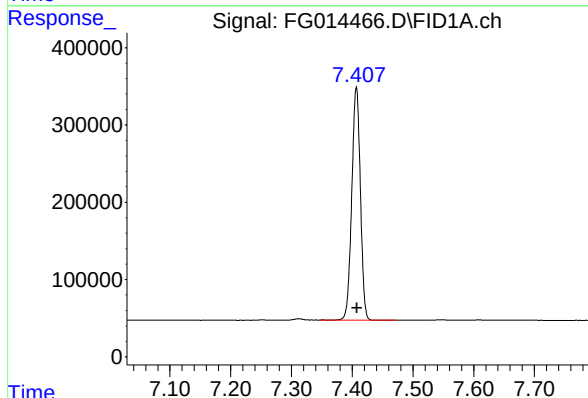
R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 2776176
Conc: 20.49 ug/ml

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FID_G
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20 PPM AROMATIC HC STD ICV



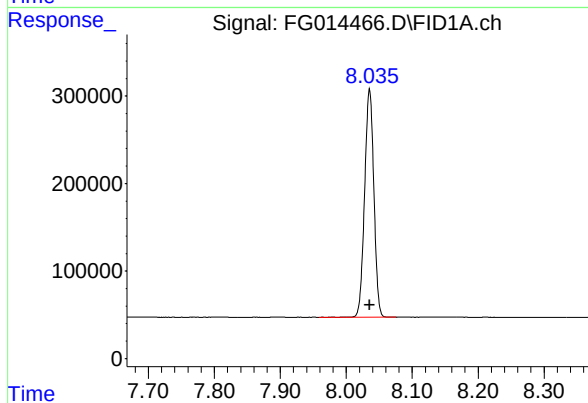
#2 Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 2926259
Conc: 20.39 ug/ml



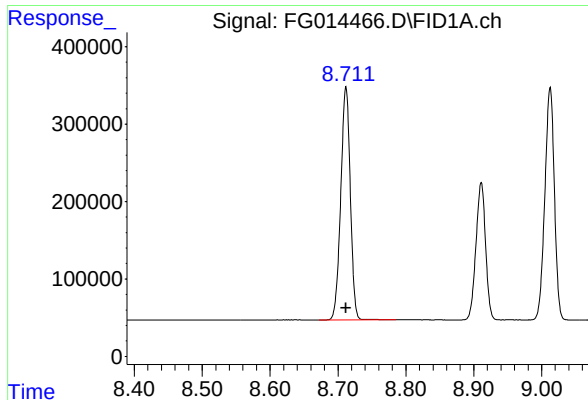
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 2973403
Conc: 20.36 ug/ml



#4 2-Bromonaphthalene (SURR)

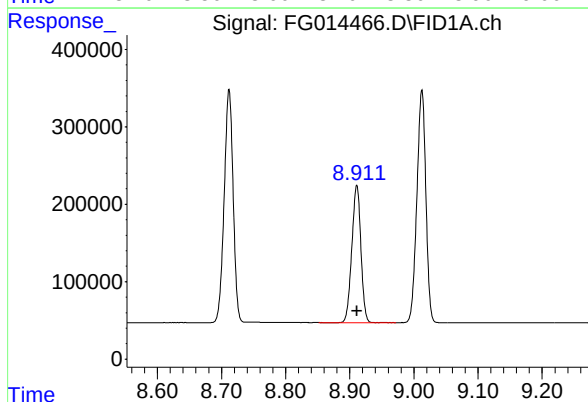
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 2538034
Conc: 20.22 ug/ml



#5 Acenaphthylene (C15.06)

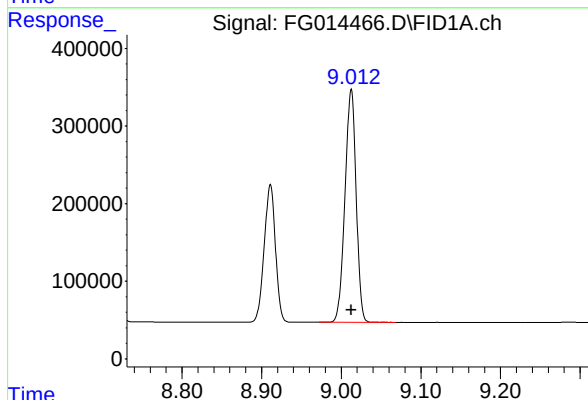
R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 2938462
Conc: 20.18 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



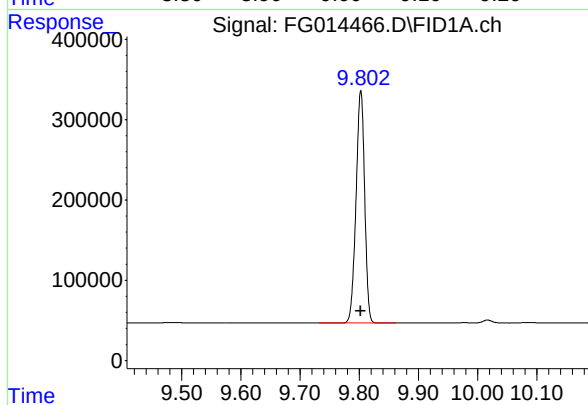
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1741970
Conc: 20.22 ug/ml



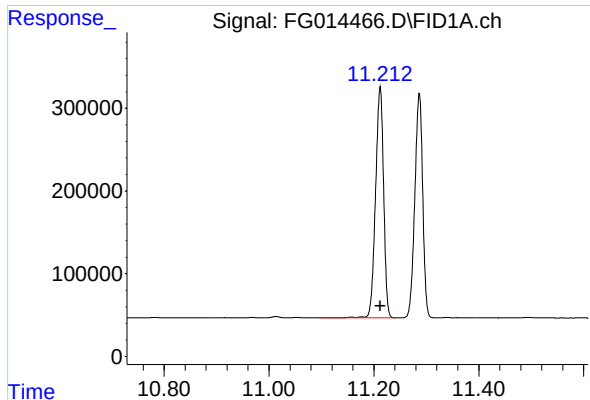
#7 Acenaphthene (C15.5)

R.T.: 9.012 min
Delta R.T.: 0.000 min
Response: 2927069
Conc: 20.23 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 2923118
Conc: 20.18 ug/ml



#9 Phenanthrene (C19.36)

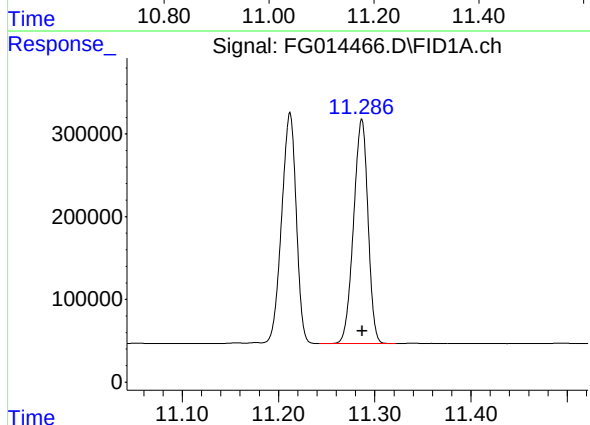
R.T.: 11.212 min
Delta R.T.: 0.000 min
Response: 2963901
Conc: 20.14 ug/ml

Instrument :

FID_G

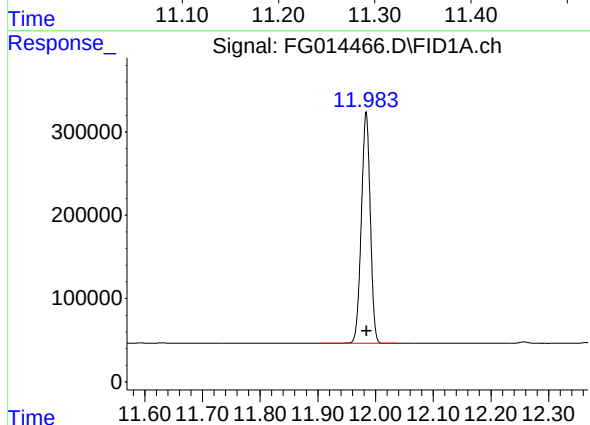
ClientSampleId :

20 PPM AROMATIC HC STD ICV



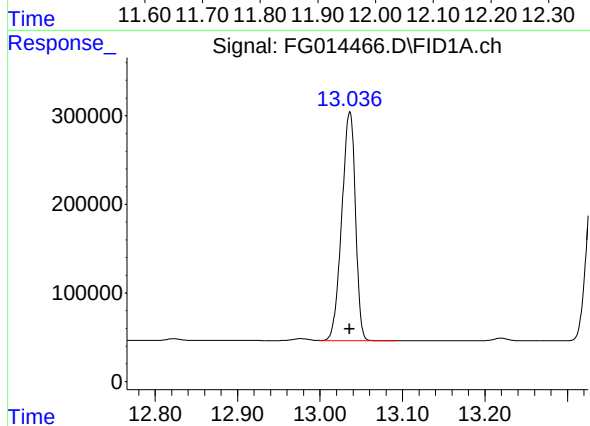
#10 Anthracene (C19.43)

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 2825349
Conc: 20.15 ug/ml



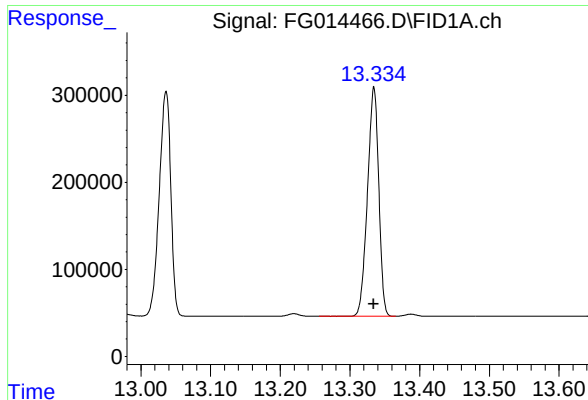
#11 ortho-Terphenyl (SURR)

R.T.: 11.984 min
Delta R.T.: -0.001 min
Response: 2986790
Conc: 20.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.036 min
Delta R.T.: 0.000 min
Response: 2979972
Conc: 20.15 ug/ml



#13 Pyrene (C20.8)

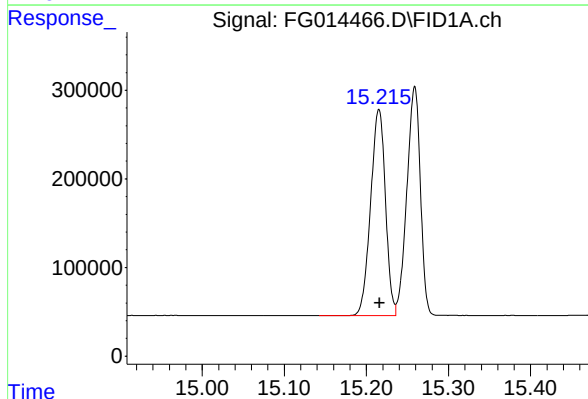
R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 2959438
Conc: 20.13 ug/ml

Instrument :

FID_G

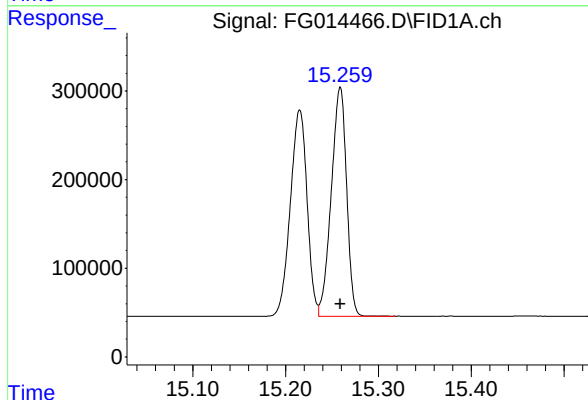
ClientSampleId :

20 PPM AROMATIC HC STD ICV



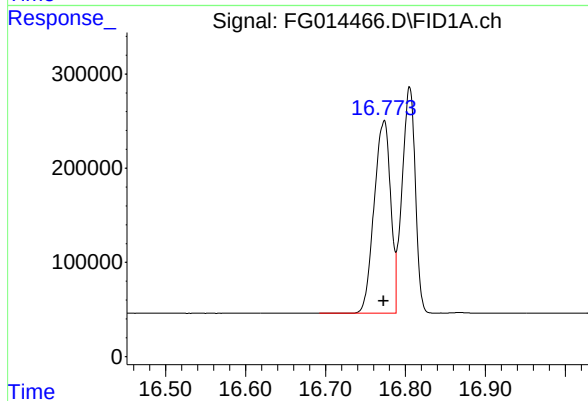
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 2917267
Conc: 20.14 ug/ml



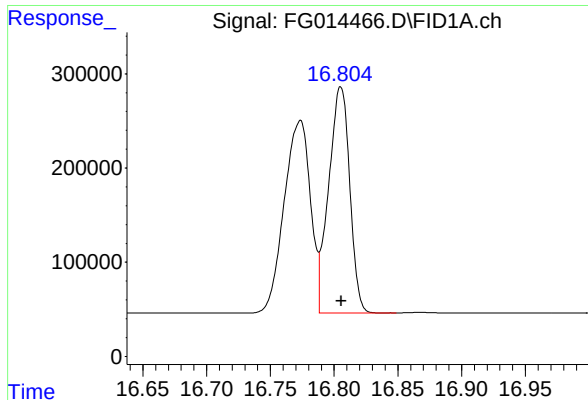
#15 Chrysene (C27.41)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 2952428
Conc: 20.13 ug/ml



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

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 2934808
Conc: 19.95 ug/ml



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

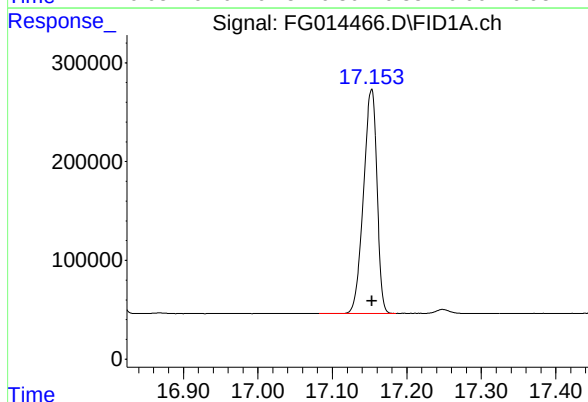
R.T.: 16.805 min
Delta R.T.: 0.000 min
Response: 2758651
Conc: 19.99 ug/ml

Instrument :

FID_G

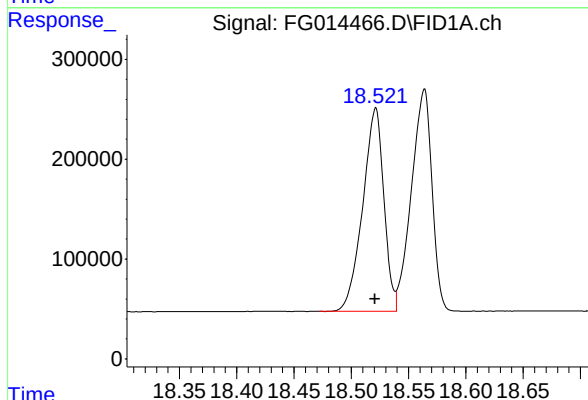
ClientSampleId :

20 PPM AROMATIC HC STD ICV



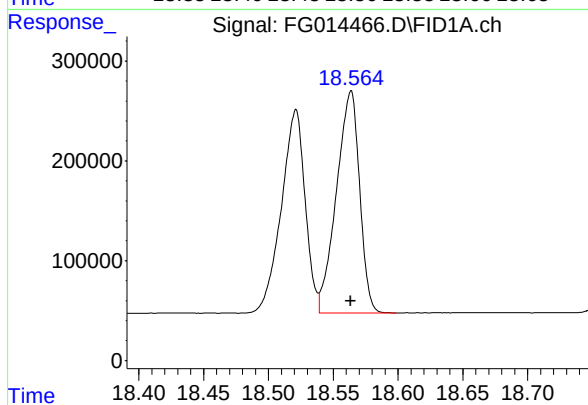
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.152 min
Delta R.T.: 0.000 min
Response: 2845028
Conc: 19.95 ug/ml



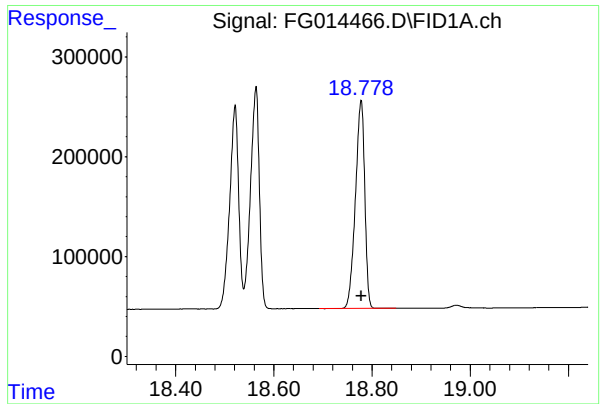
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: 0.000 min
Response: 2607892
Conc: 19.54 ug/ml



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

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 2764875
Conc: 19.81 ug/ml



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

R.T.: 18.777 min
Delta R.T.: -0.001 min
Response: 2743414
Conc: 19.72 ug/ml

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