

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AR\
 Data File : FG014776.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 11:55
 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: Nov 14 12:06:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 11:52:13 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...	8.001	2365249	19.297 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
6) S 2-Fluorobiphenyl (SURR)	8.875	1587495	19.381 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.76%
11) S ortho-Terphenyl (SURR)	11.946	2594367	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2608403	19.235 ug/ml
2) T Naphthalene (C11.7)	6.275	2685688	19.323 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	2610264	19.332 ug/ml
5) T Acenaphthylene (C15.06)	8.676	2657837	19.334 ug/ml
7) T Acenaphthene (C15.5)	8.976	2589157	19.372 ug/ml
8) T Fluorene (C16.55)	9.765	2591477	19.373 ug/ml
9) T Phenanthrene (C19.36)	11.174	2512437	19.402 ug/ml
10) T Anthracene (C19.43)	11.247	2476108	19.345 ug/ml
12) T Fluoranthene (C21.85)	12.995	2471726	19.362 ug/ml
13) T Pyrene (C20.8)	13.295	2450750	19.361 ug/ml
14) T Benzo[a]anthracene (C...	15.174	2328849	19.279 ug/ml
15) T Chrysene (C27.41)	15.217	2327883	19.245 ug/ml
16) T benzo[b]fluoranthene ...	16.732	2357892	19.235 ug/ml
17) T Bnezo[k]fluoranthene ...	16.764	2362123	19.176 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2278029	19.381 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.480	2233292	19.175 ug/ml
20) T Dibenz[a,h]anthracene...	18.522	2449831	19.079 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	2426631	19.269 ug/ml

(f)=RT Delta > 1/2 Window

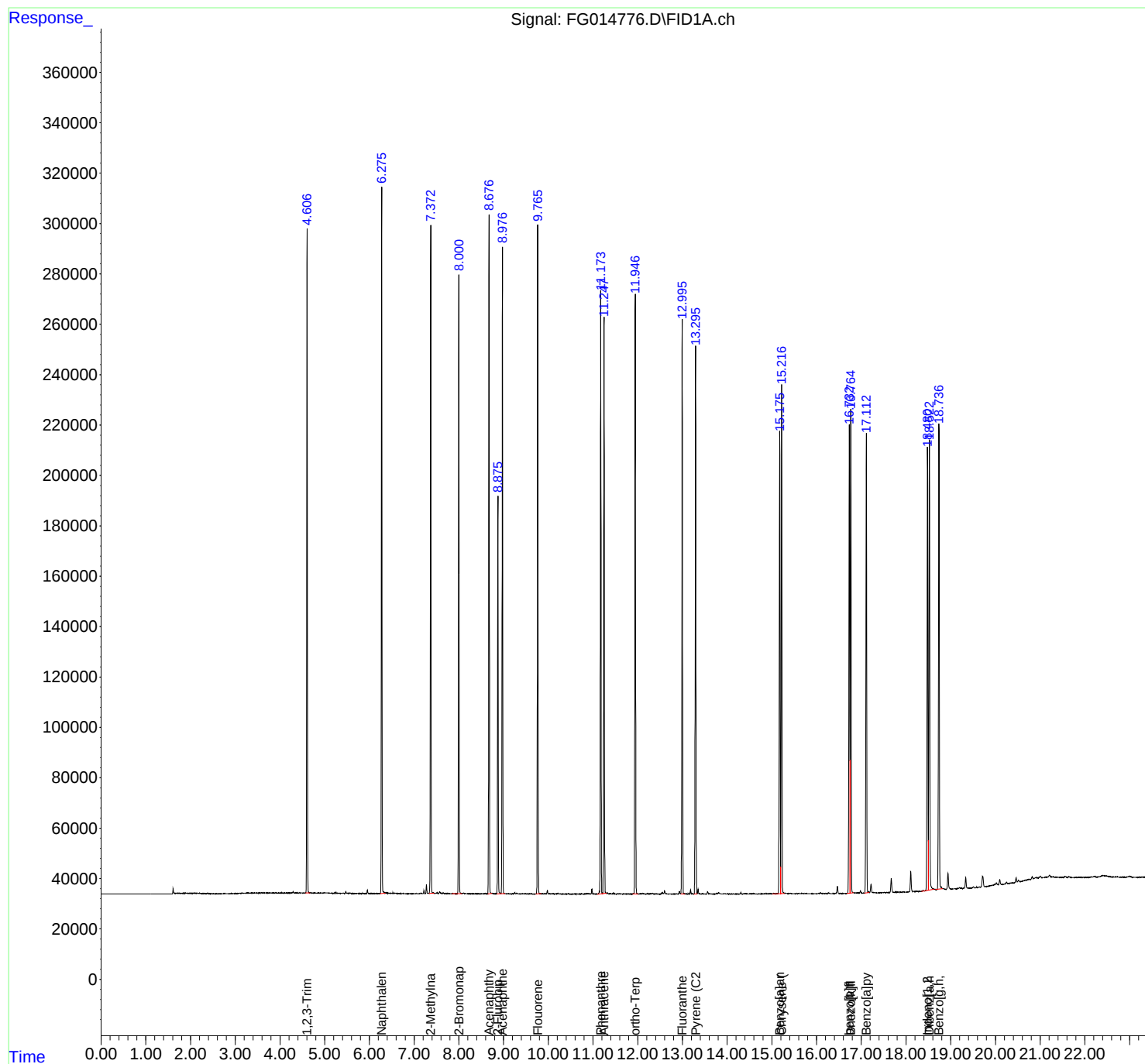
(m)=manual int.

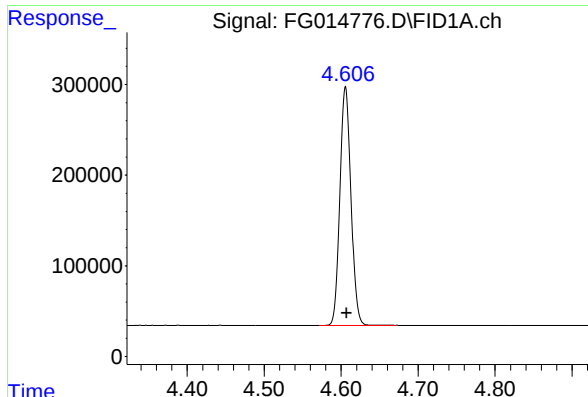
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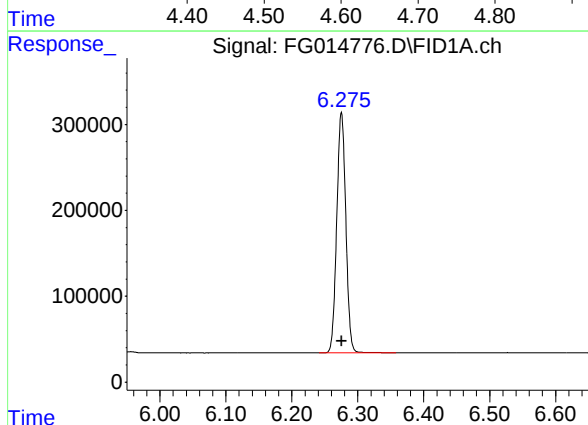




#1 1,2,3-Trimethylbenzene (C10.1)

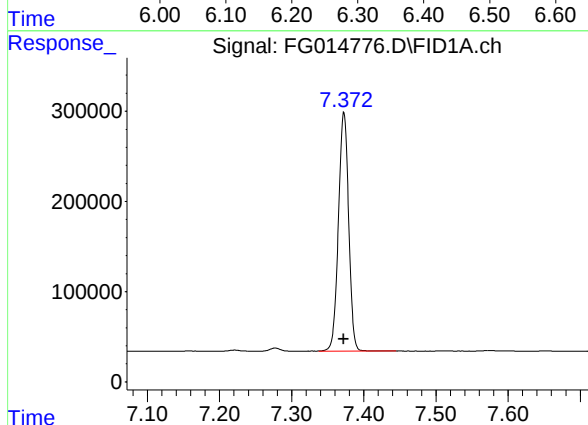
R.T.: 4.606 min
Delta R.T.: -0.001 min
Response: 2608403
Conc: 19.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD ICV



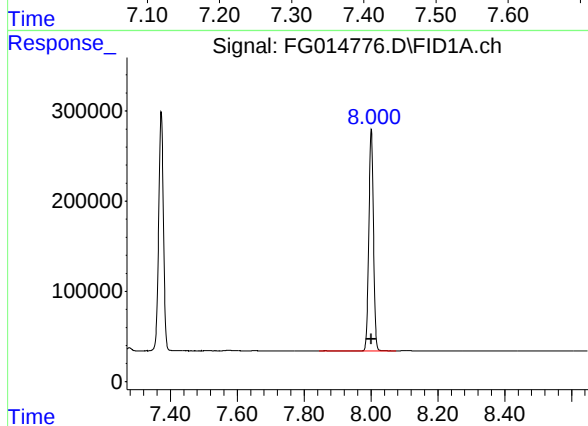
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 2685688
Conc: 19.32 ug/ml



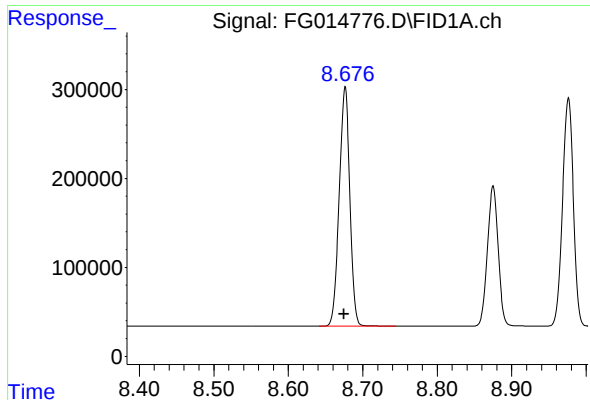
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 2610264
Conc: 19.33 ug/ml



#4 2-Bromonaphthalene (SURR)

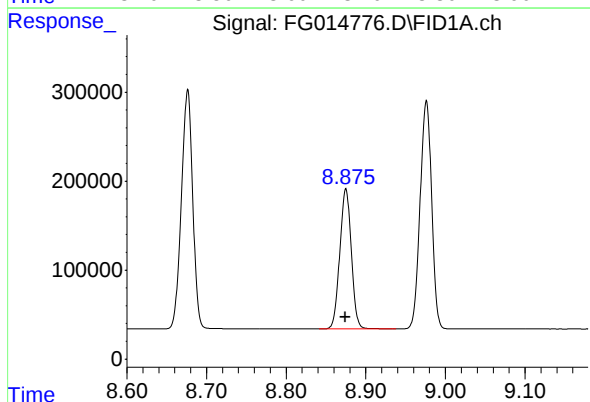
R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 2365249
Conc: 19.30 ug/ml



#5 Acenaphthylene (C15.06)

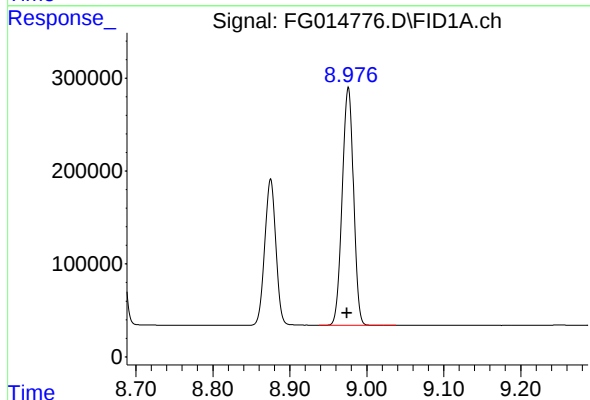
R.T.: 8.676 min
Delta R.T.: 0.001 min
Response: 2657837
Conc: 19.33 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



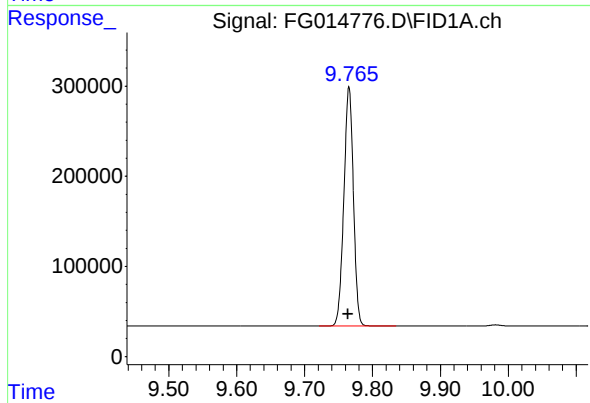
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: 0.000 min
Response: 1587495
Conc: 19.38 ug/ml



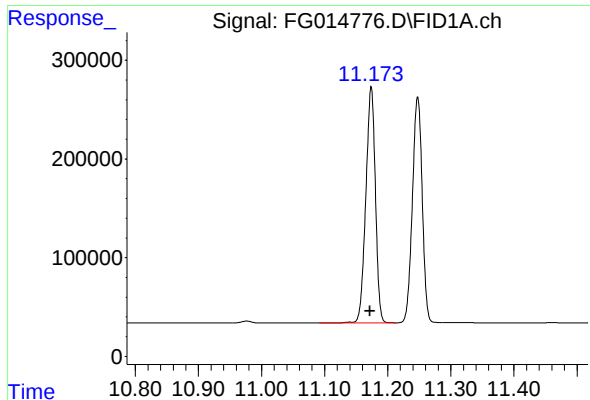
#7 Acenaphthene (C15.5)

R.T.: 8.976 min
Delta R.T.: 0.002 min
Response: 2589157
Conc: 19.37 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.765 min
Delta R.T.: 0.001 min
Response: 2591477
Conc: 19.37 ug/ml



#9 Phenanthrene (C19.36)

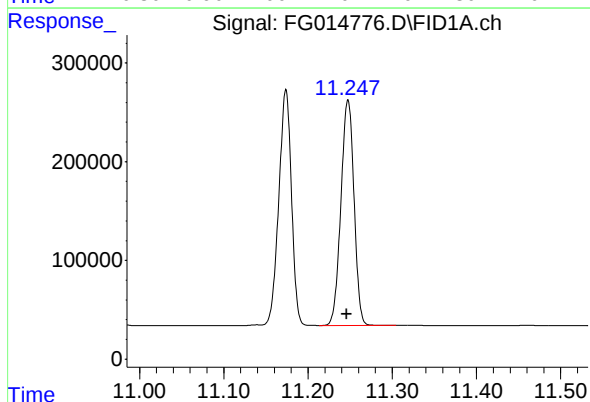
R.T.: 11.174 min
Delta R.T.: 0.002 min
Response: 2512437
Conc: 19.40 ug/ml

Instrument :

FID_G

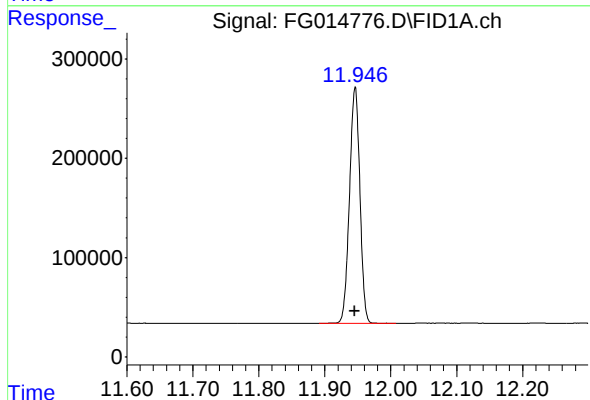
ClientSampleId :

20 PPM AROMATIC HC STD ICV



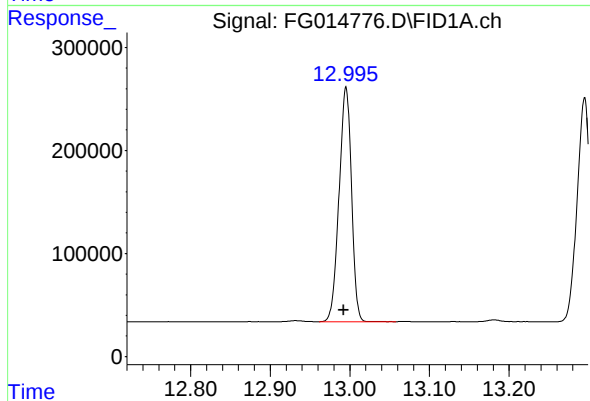
#10 Anthracene (C19.43)

R.T.: 11.247 min
Delta R.T.: 0.002 min
Response: 2476108
Conc: 19.35 ug/ml



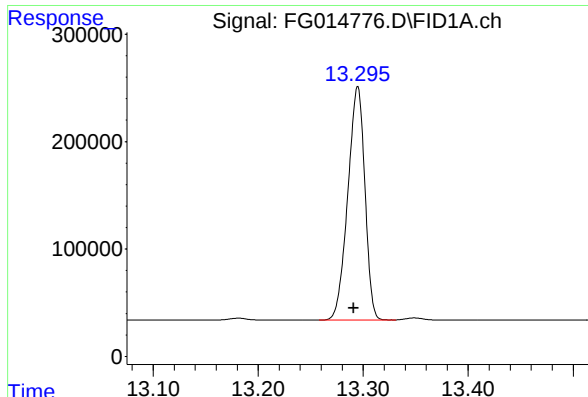
#11 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: 0.000 min
Response: 2594367
Conc: 19.35 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.995 min
Delta R.T.: 0.003 min
Response: 2471726
Conc: 19.36 ug/ml



#13 Pyrene (C20.8)

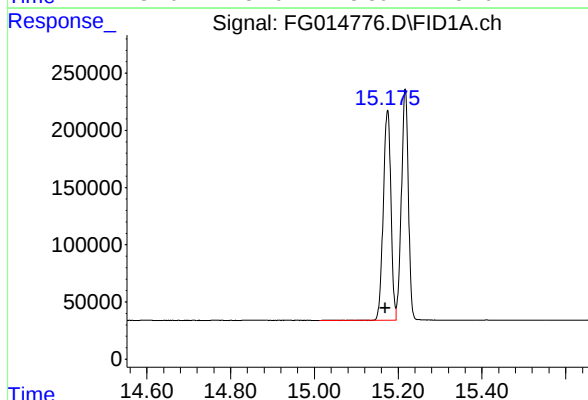
R.T.: 13.295 min
Delta R.T.: 0.004 min
Response: 2450750
Conc: 19.36 ug/ml

Instrument :

FID_G

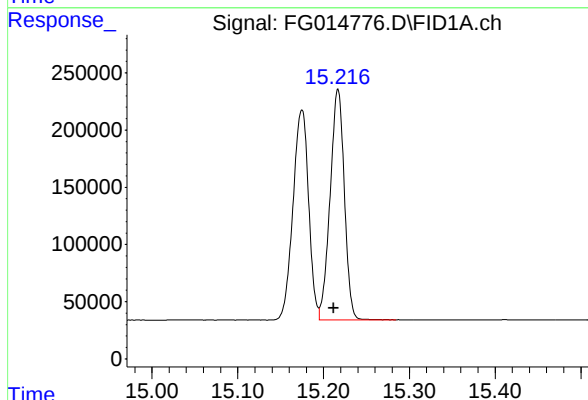
ClientSampleId :

20 PPM AROMATIC HC STD ICV



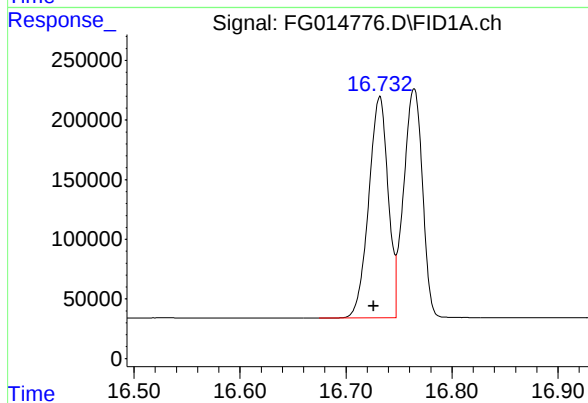
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.174 min
Delta R.T.: 0.005 min
Response: 2328849
Conc: 19.28 ug/ml



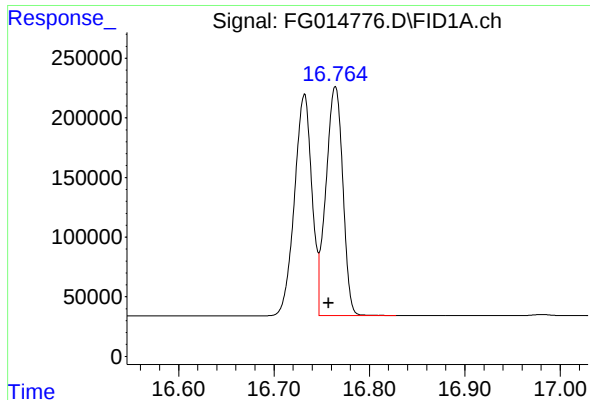
#15 Chrysene (C27.41)

R.T.: 15.217 min
Delta R.T.: 0.005 min
Response: 2327883
Conc: 19.25 ug/ml



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

R.T.: 16.732 min
Delta R.T.: 0.006 min
Response: 2357892
Conc: 19.23 ug/ml



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

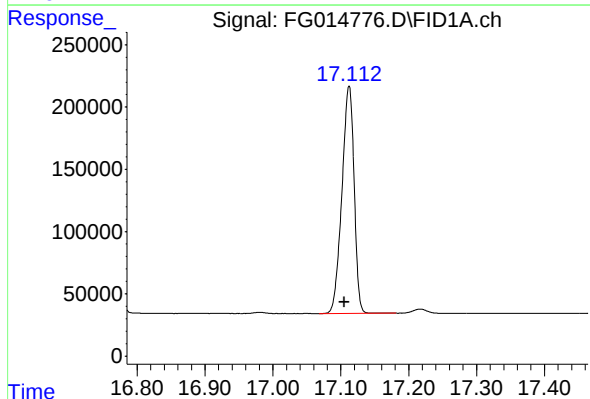
R.T.: 16.764 min
Delta R.T.: 0.007 min
Response: 2362123
Conc: 19.18 ug/ml

Instrument :

FID_G

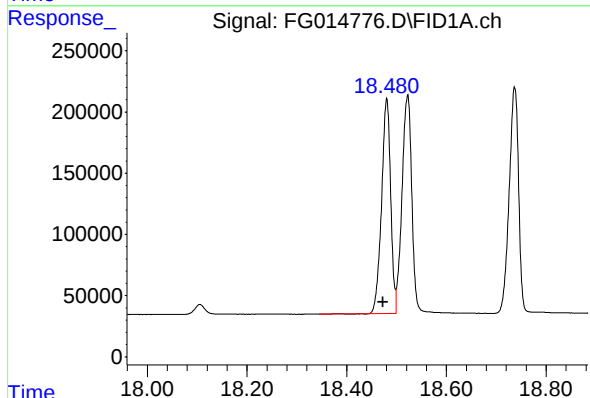
ClientSampleId :

20 PPM AROMATIC HC STD ICV



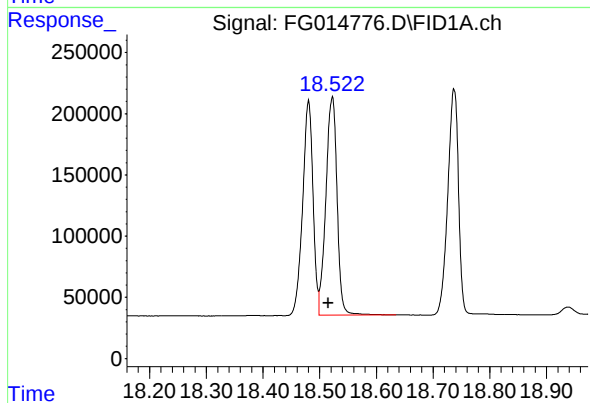
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.007 min
Response: 2278029
Conc: 19.38 ug/ml



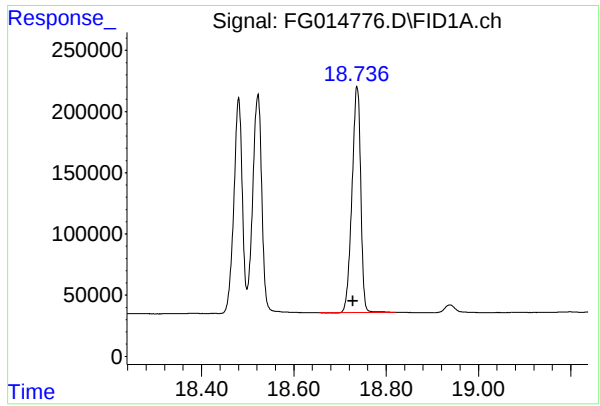
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.480 min
Delta R.T.: 0.007 min
Response: 2233292
Conc: 19.17 ug/ml



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

R.T.: 18.522 min
Delta R.T.: 0.007 min
Response: 2449831
Conc: 19.08 ug/ml



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

R.T.: 18.737 min

Delta R.T.: 0.009 min

Response: 2426631

Conc: 19.27 ug/ml

Instrument :

FID_G

ClientSampleId :

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