

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110624AR\
 Data File : FG014663.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 11:53
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 06 15:34:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 110624.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 15:26:20 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...	8.007	674719	5.039 ug/ml
Spiked Amount 50.000		Recovery =	10.08%
6) S 2-Fluorobiphenyl (SURR)	8.881	451818	5.008 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.02%
11) S ortho-Terphenyl (SURR)	11.952	765977	5.038 ug/ml
Spiked Amount 50.000		Recovery =	10.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.614	766573	5.083 ug/ml
2) T Naphthalene (C11.7)	6.283	793821	5.056 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	790258	5.023 ug/ml
5) T Acenaphthylene (C15.06)	8.682	775299	5.029 ug/ml
7) T Acenaphthene (C15.5)	8.982	772924	5.026 ug/ml
8) T Fluorene (C16.55)	9.771	748649	4.997 ug/ml
9) T Phenanthrene (C19.36)	11.179	749903	4.999 ug/ml
10) T Anthracene (C19.43)	11.254	697033	4.997 ug/ml
12) T Fluoranthene (C21.85)	13.001	736727	4.989 ug/ml
13) T Pyrene (C20.8)	13.300	729365	4.990 ug/ml
14) T Benzo[a]anthracene (C...	15.179	687053	4.999 ug/ml
15) T Chrysene (C27.41)	15.222	717410	5.109 ug/ml
16) T benzo[b]fluoranthene ...	16.736	697055	5.013 ug/ml
17) T Bnezo[k]fluoranthene ...	16.767	671483	5.144 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.115	679523	5.038 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	641628	4.999 ug/ml
20) T Dibenz[a,h]anthracene...	18.526	741938	5.483 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	695301	5.112 ug/ml

(f)=RT Delta > 1/2 Window

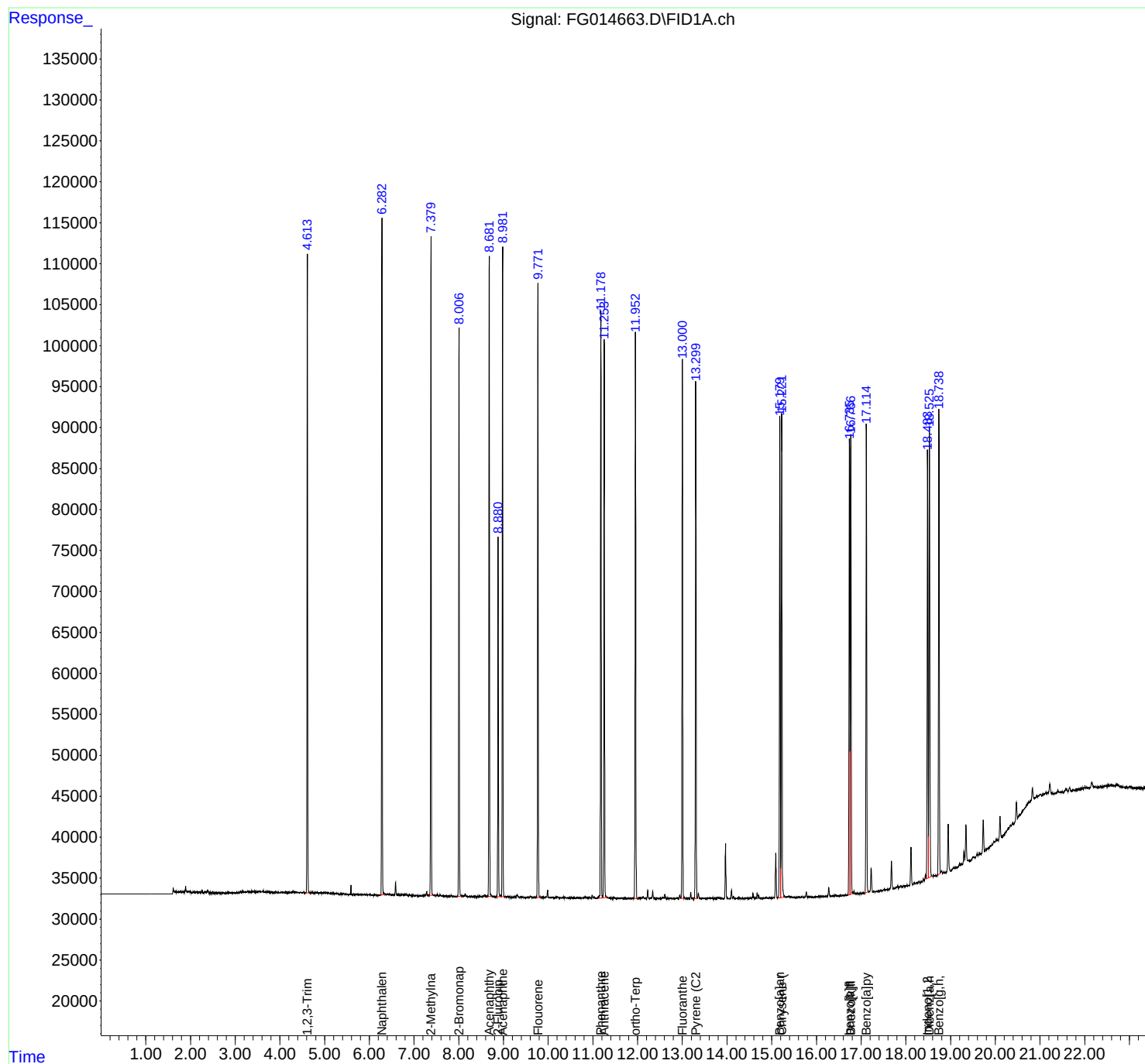
(m)=manual int.

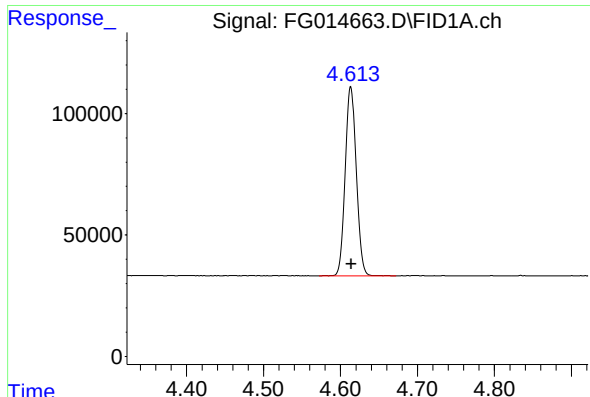
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110624AR\
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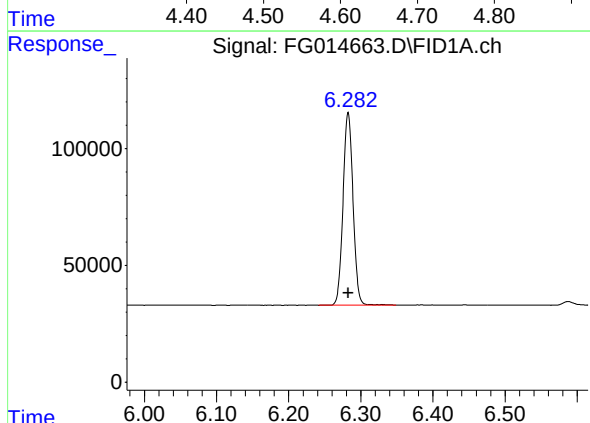




#1 1,2,3-Trimethylbenzene (C10.1)

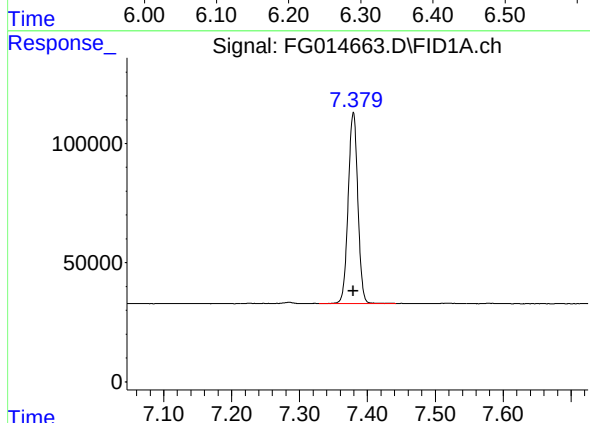
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 766573
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



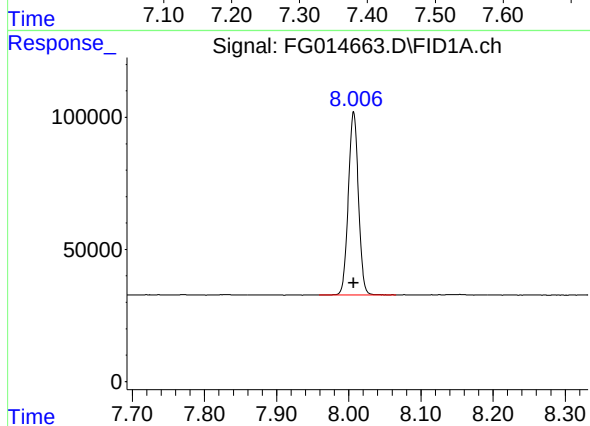
#2 Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 793821
Conc: 5.06 ug/ml



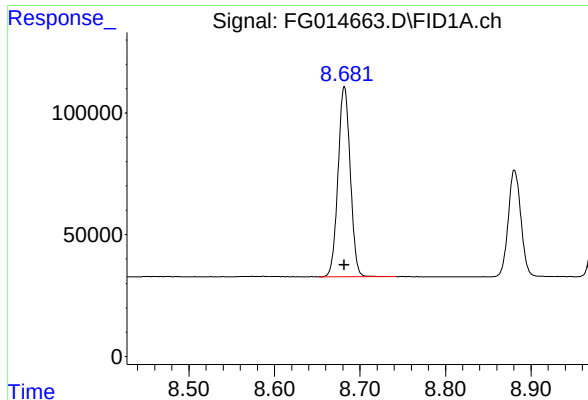
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 790258
Conc: 5.02 ug/ml



#4 2-Bromonaphthalene (SURR)

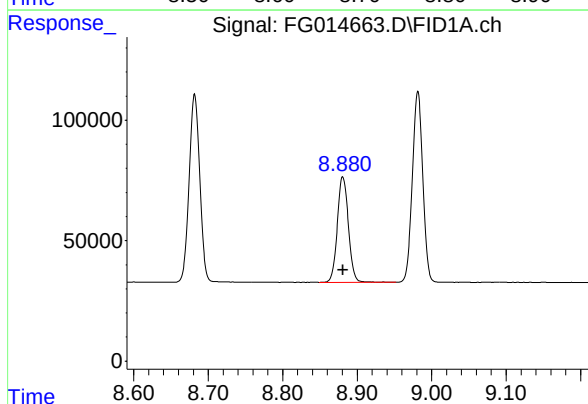
R.T.: 8.007 min
Delta R.T.: 0.000 min
Response: 674719
Conc: 5.04 ug/ml



#5 Acenaphthylene (C15.06)

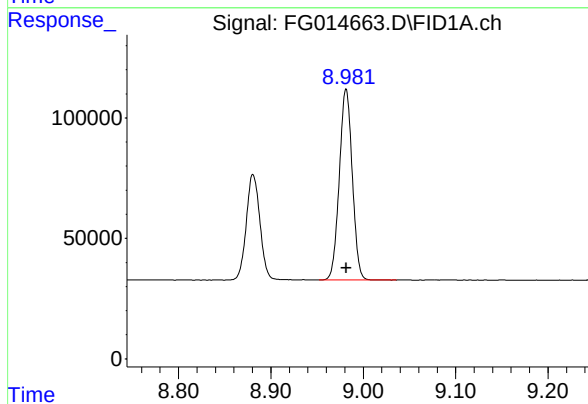
R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 775299
Conc: 5.03 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



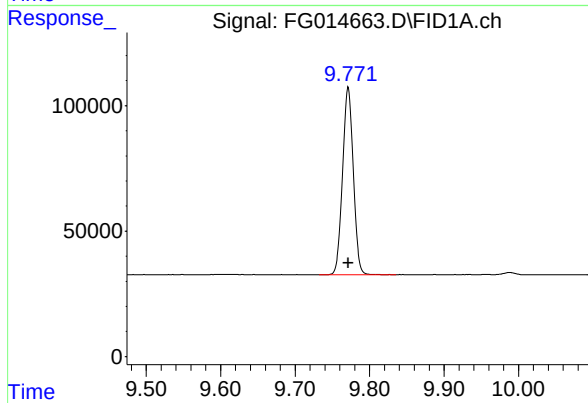
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 451818
Conc: 5.01 ug/ml



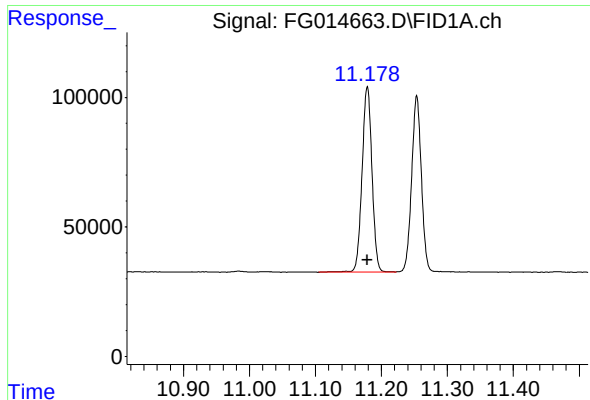
#7 Acenaphthene (C15.5)

R.T.: 8.982 min
Delta R.T.: 0.000 min
Response: 772924
Conc: 5.03 ug/ml



#8 Flouorene (C16.55)

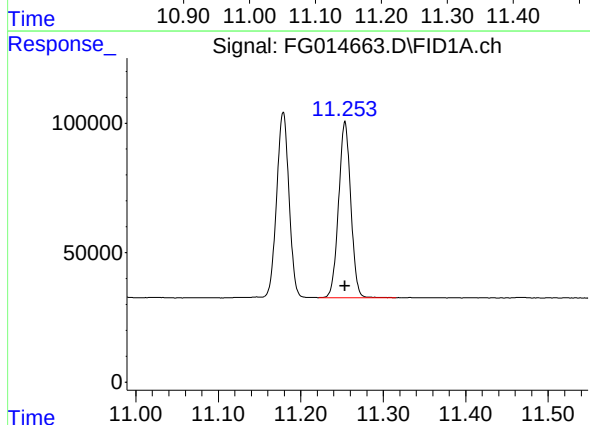
R.T.: 9.771 min
Delta R.T.: 0.000 min
Response: 748649
Conc: 5.00 ug/ml



#9 Phenanthrene (C19.36)

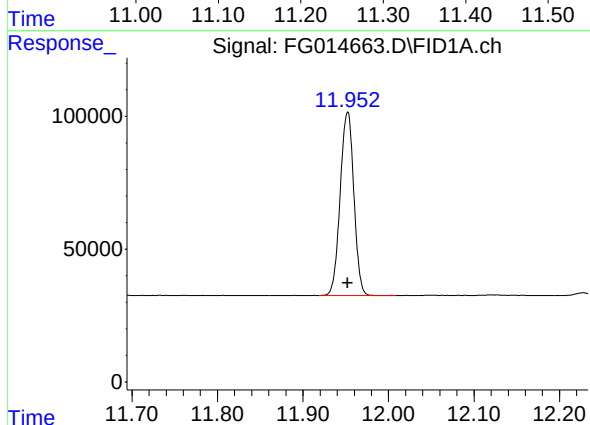
R.T.: 11.179 min
Delta R.T.: 0.000 min
Response: 749903
Conc: 5.00 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



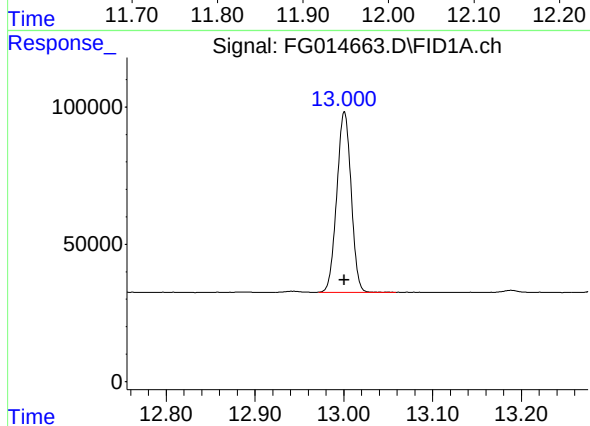
#10 Anthracene (C19.43)

R.T.: 11.254 min
Delta R.T.: 0.000 min
Response: 697033
Conc: 5.00 ug/ml



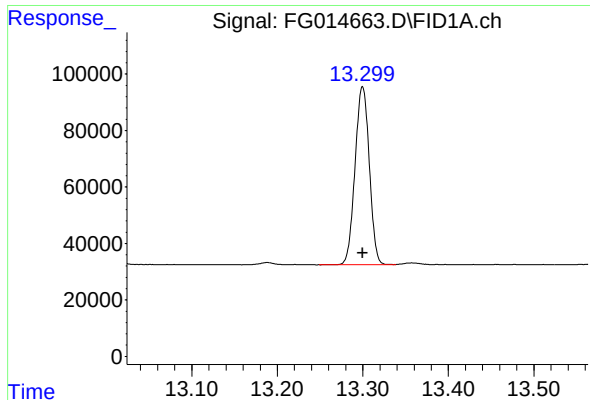
#11 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: 0.000 min
Response: 765977
Conc: 5.04 ug/ml



#12 Fluoranthene (C21.85)

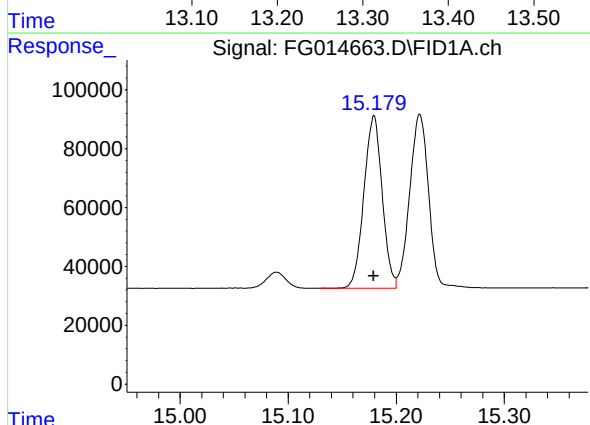
R.T.: 13.001 min
Delta R.T.: 0.000 min
Response: 736727
Conc: 4.99 ug/ml



#13 Pyrene (C20.8)

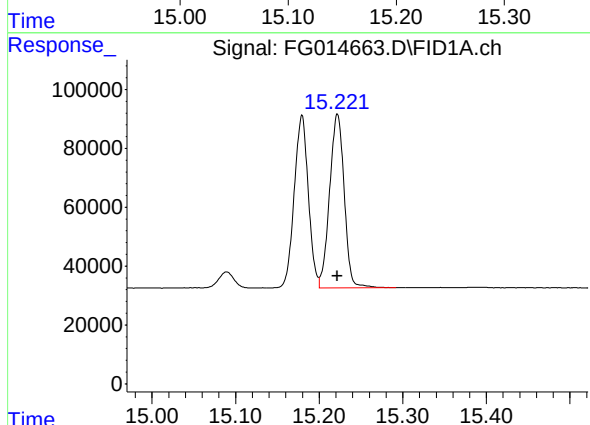
R.T.: 13.300 min
Delta R.T.: 0.000 min
Response: 729365
Conc: 4.99 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



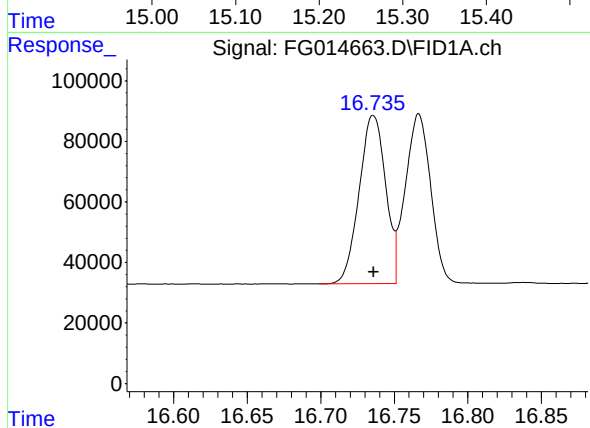
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.179 min
Delta R.T.: 0.000 min
Response: 687053
Conc: 5.00 ug/ml



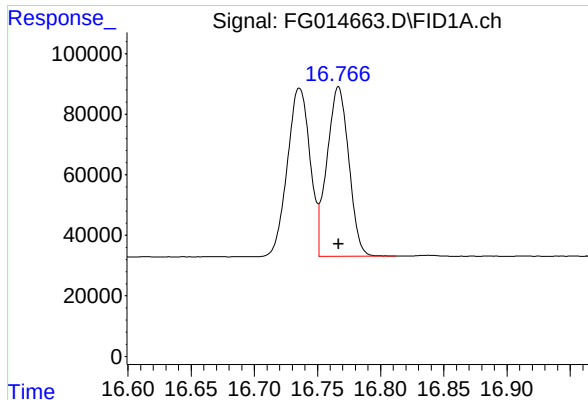
#15 Chrysene (C27.41)

R.T.: 15.222 min
Delta R.T.: 0.000 min
Response: 717410
Conc: 5.11 ug/ml



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

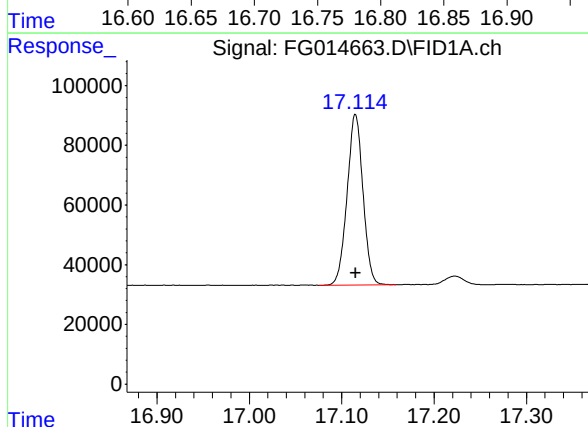
R.T.: 16.736 min
Delta R.T.: 0.000 min
Response: 697055
Conc: 5.01 ug/ml



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

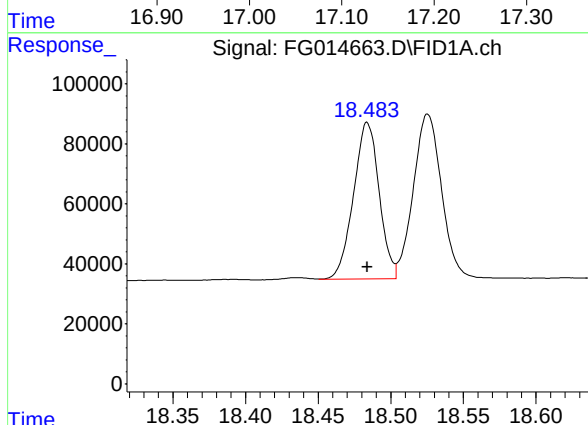
R.T.: 16.767 min
Delta R.T.: 0.000 min
Response: 671483
Conc: 5.14 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



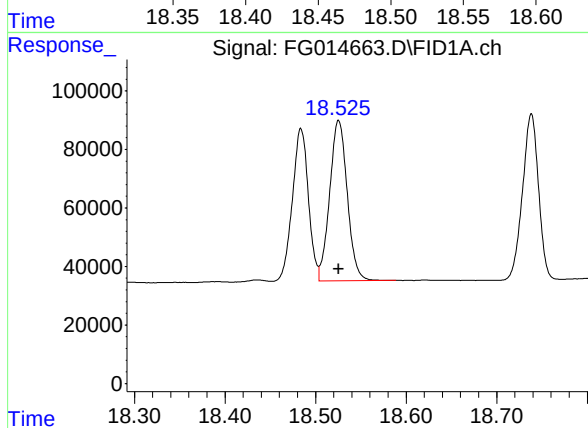
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 679523
Conc: 5.04 ug/ml



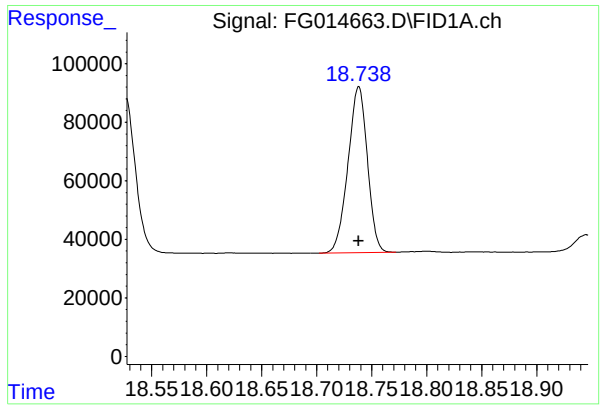
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 641628
Conc: 5.00 ug/ml



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

R.T.: 18.526 min
Delta R.T.: 0.000 min
Response: 741938
Conc: 5.48 ug/ml



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

R.T.: 18.738 min
Delta R.T.: 0.000 min
Response: 695301
Conc: 5.11 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5