

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015043.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 17:34
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 15 01:56:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 01:54:20 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...	7.996	11473751	97.402 ug/ml
Spiked Amount 50.000		Recovery =	194.80%
6) S 2-Fluorobiphenyl (SURR)	8.872	7700926	97.623 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.25%#
11) S ortho-Terphenyl (SURR)	11.933	12529781	97.422 ug/ml
Spiked Amount 50.000		Recovery =	194.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.611	12653641	97.015 ug/ml
2) T Naphthalene (C11.7)	6.277	12970978	97.178 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	12685111	97.428 ug/ml
5) T Acenaphthylene (C15.06)	8.673	12831816	97.542 ug/ml
7) T Acenaphthene (C15.5)	8.973	12527352	97.426 ug/ml
8) T Fluorene (C16.55)	9.762	12585943	97.843 ug/ml
9) T Phenanthrene (C19.36)	11.168	12110587	97.903 ug/ml
10) T Anthracene (C19.43)	11.244	11843161	97.652 ug/ml
12) T Fluoranthene (C21.85)	12.989	11780977	97.826 ug/ml
13) T Pyrene (C20.8)	13.289	11654382	97.733 ug/ml
14) T Benzo[a]anthracene (C...	15.167	11099011	97.341 ug/ml
15) T Chrysene (C27.41)	15.215	11068748	96.994 ug/ml
16) T benzo[b]fluoranthene ...	16.728	11328975	97.482 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	11022543	96.870 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	10798930	96.467 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	11304809	98.151 ug/ml
20) T Dibenz[a,h]anthracene...	18.525	10851164	94.079 ug/ml
21) T Benzo[g,h,i]perylene ...	18.750	11963158	96.417 ug/ml

(f)=RT Delta > 1/2 Window

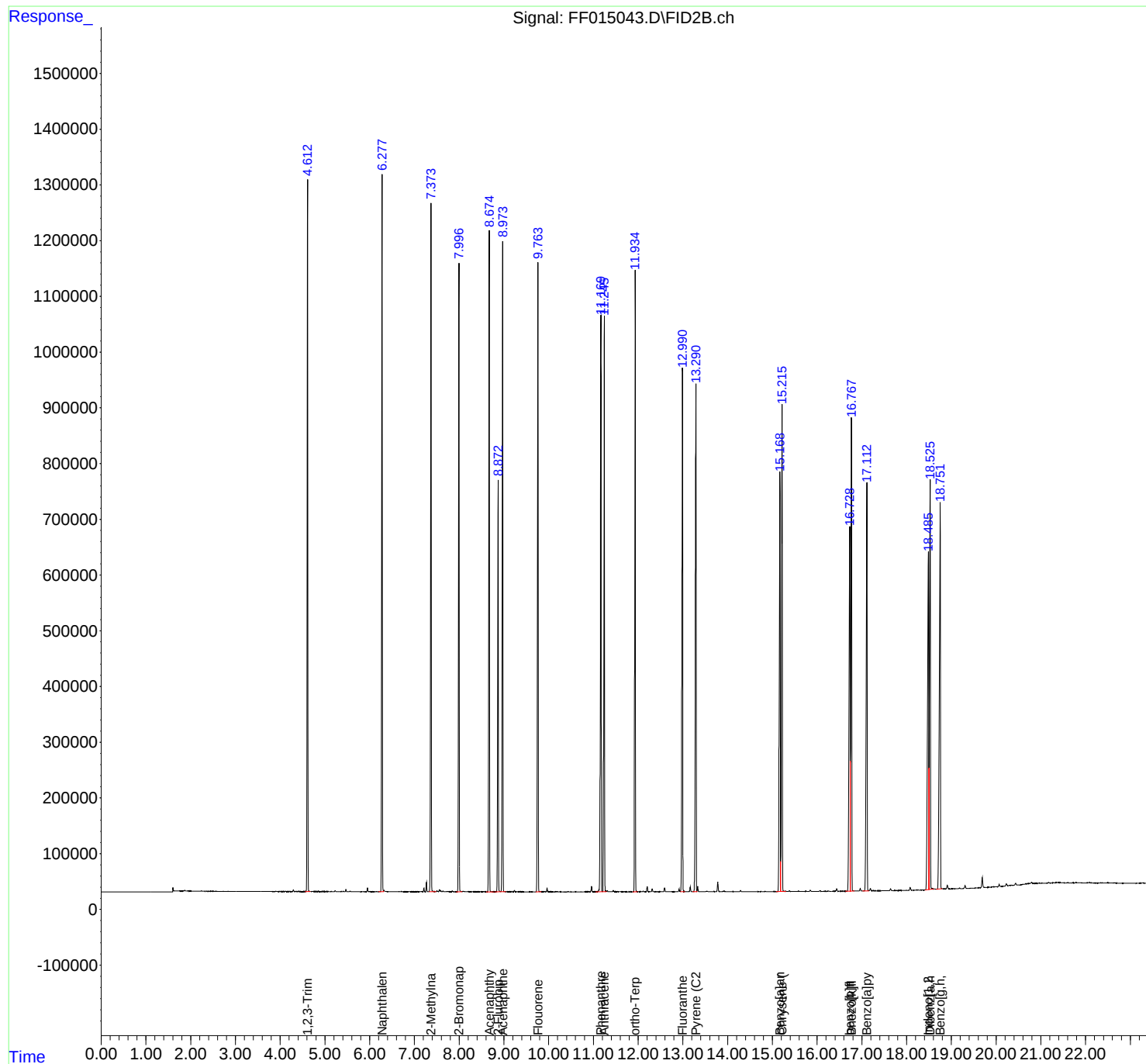
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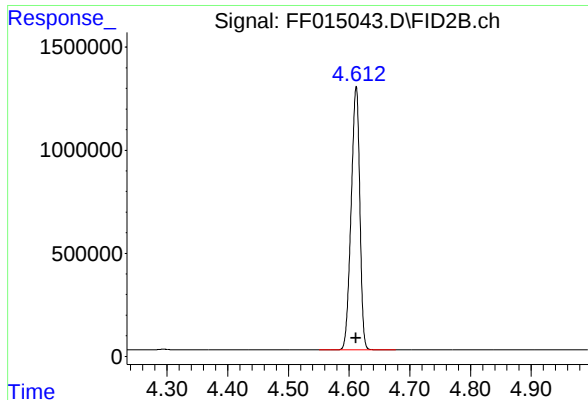
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#1 1,2,3-Trimethylbenzene (C10.1)

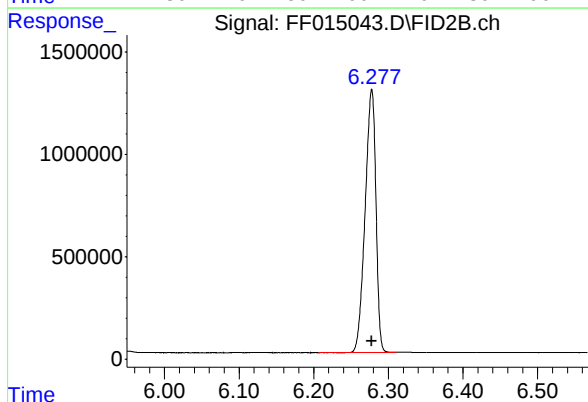
R.T.: 4.611 min
Delta R.T.: 0.000 min
Response: 12653641
Conc: 97.02 ug/ml

Instrument :

FID_F

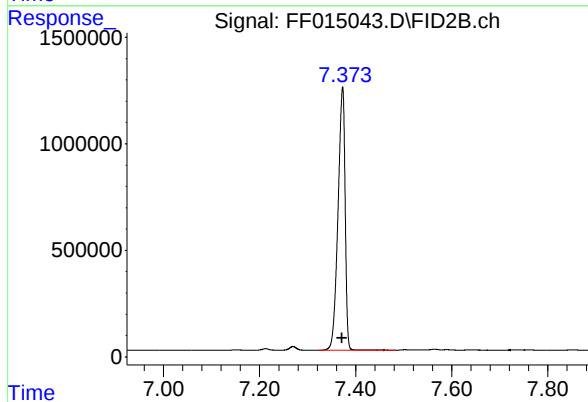
ClientSampleId :

100 PPM AROMATIC HC STD1



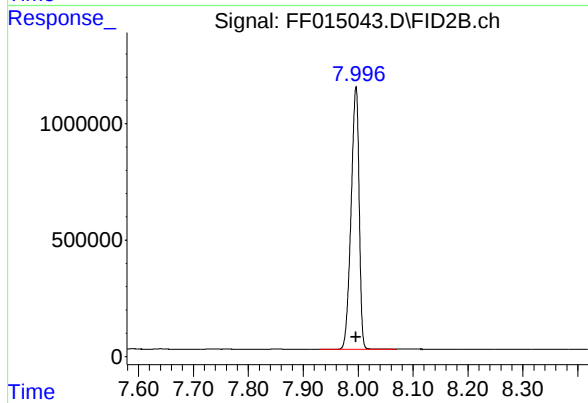
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 12970978
Conc: 97.18 ug/ml



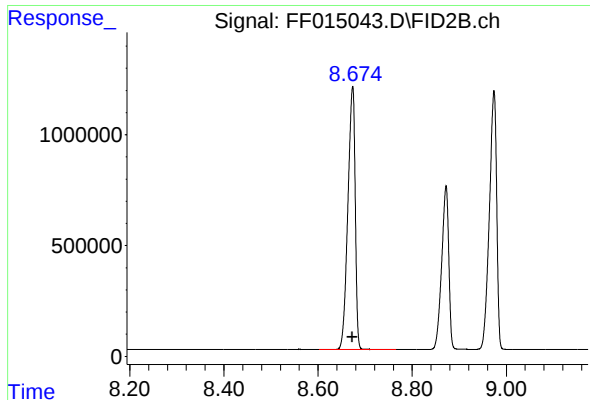
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 12685111
Conc: 97.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 11473751
Conc: 97.40 ug/ml



#5 Acenaphthylene (C15.06)

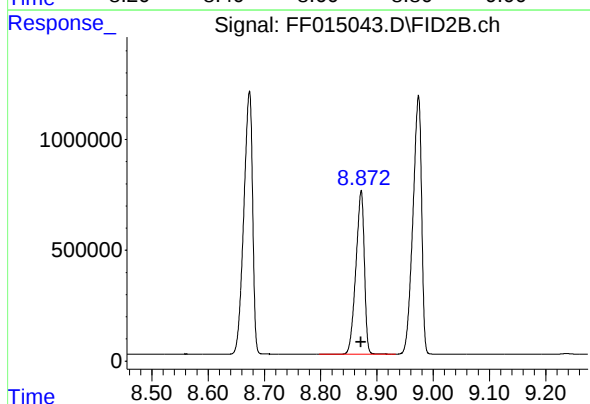
R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 12831816
Conc: 97.54 ug/ml

Instrument :

FID_F

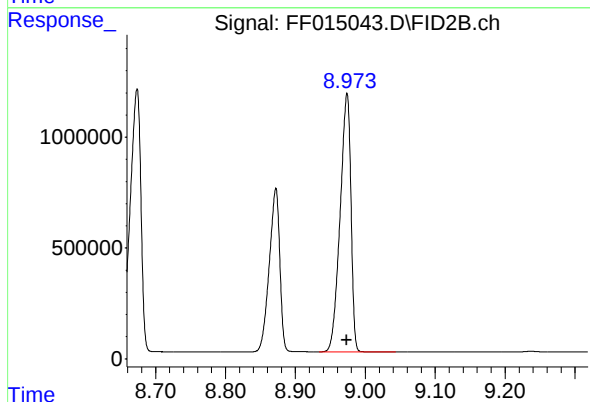
ClientSampleId :

100 PPM AROMATIC HC STD1



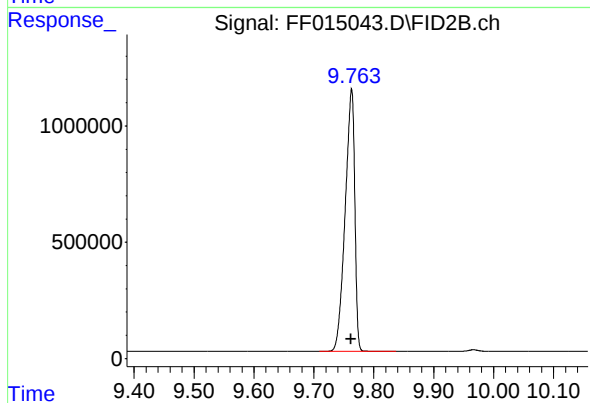
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 7700926
Conc: 97.62 ug/ml



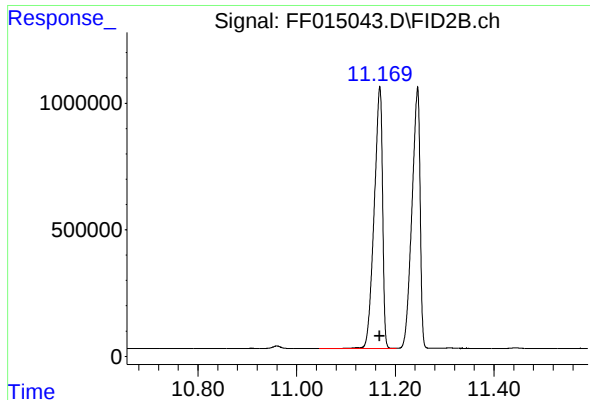
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 12527352
Conc: 97.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 12585943
Conc: 97.84 ug/ml



#9 Phenanthrene (C19.36)

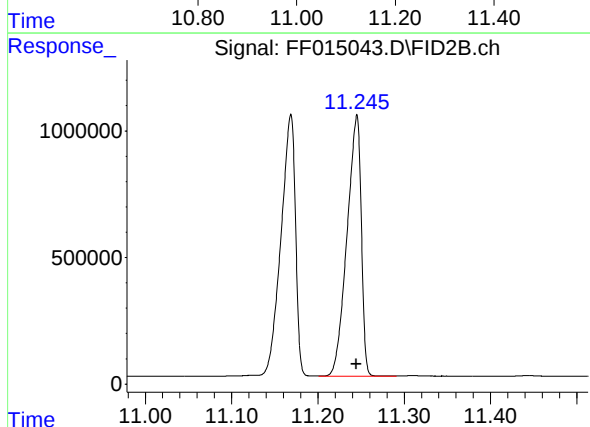
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 12110587
Conc: 97.90 ug/ml

Instrument :

FID_F

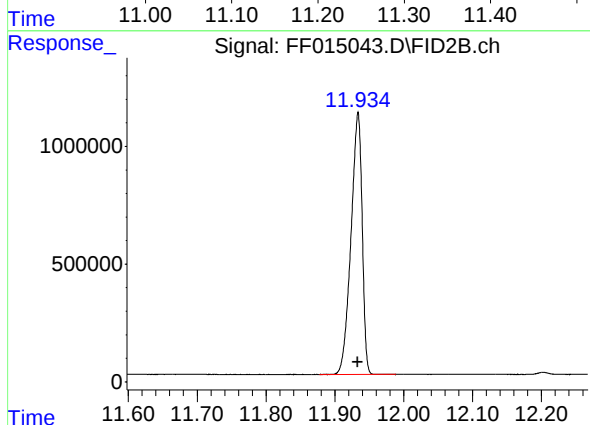
ClientSampleId :

100 PPM AROMATIC HC STD1



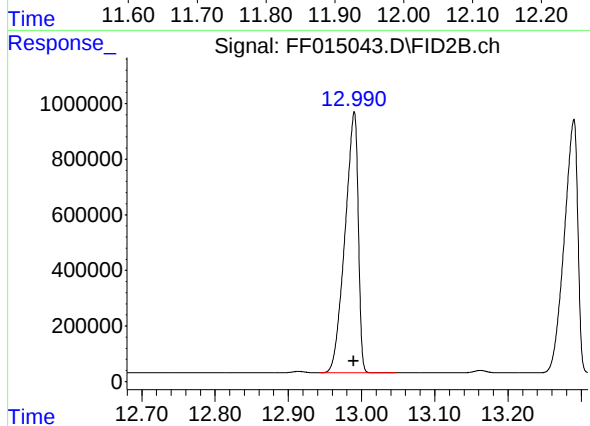
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 11843161
Conc: 97.65 ug/ml



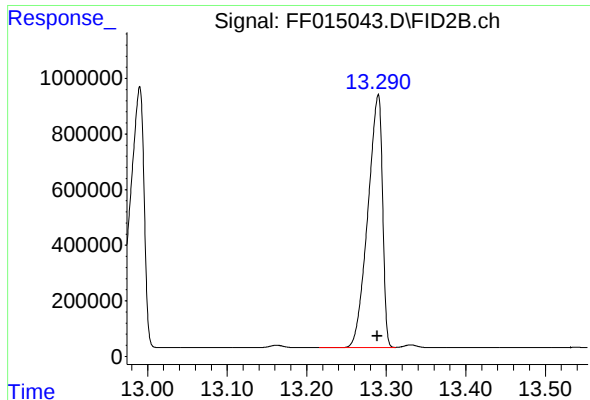
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 12529781
Conc: 97.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 11780977
Conc: 97.83 ug/ml



#13 Pyrene (C20.8)

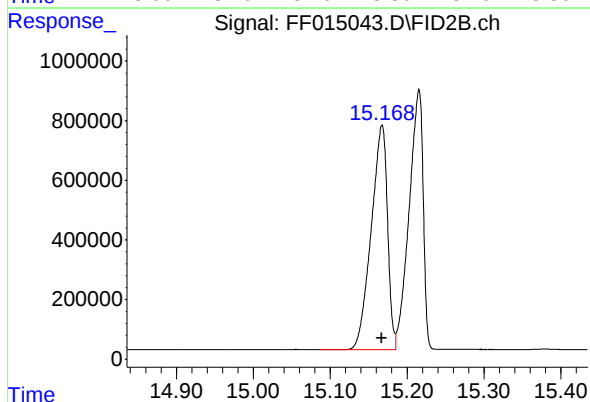
R.T.: 13.289 min
Delta R.T.: 0.000 min
Response: 11654382
Conc: 97.73 ug/ml

Instrument :

FID_F

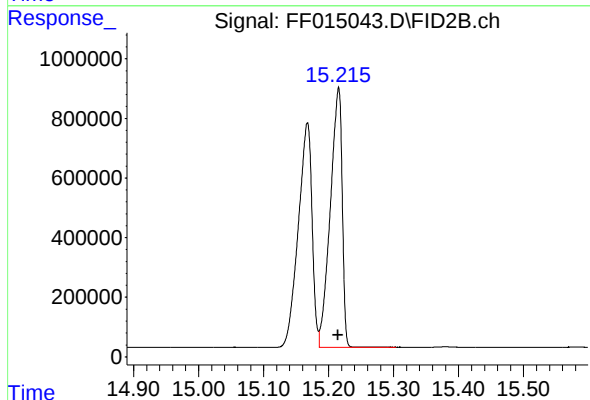
ClientSampleId :

100 PPM AROMATIC HC STD1



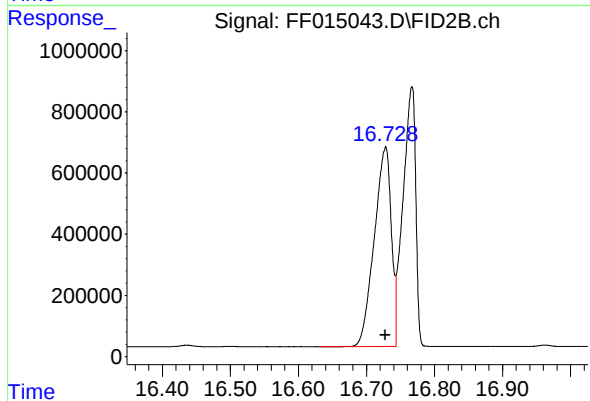
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.167 min
Delta R.T.: 0.000 min
Response: 11099011
Conc: 97.34 ug/ml



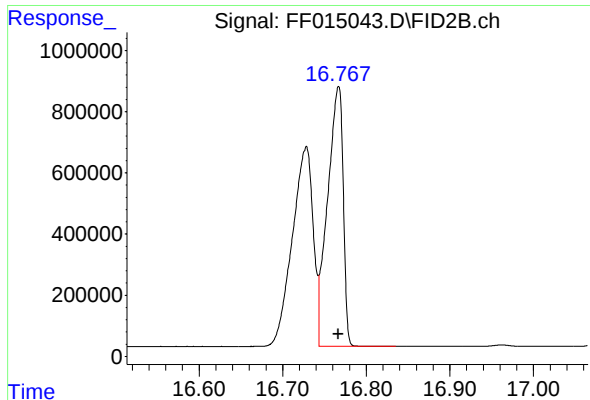
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 11068748
Conc: 96.99 ug/ml



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

R.T.: 16.728 min
Delta R.T.: 0.000 min
Response: 11328975
Conc: 97.48 ug/ml



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

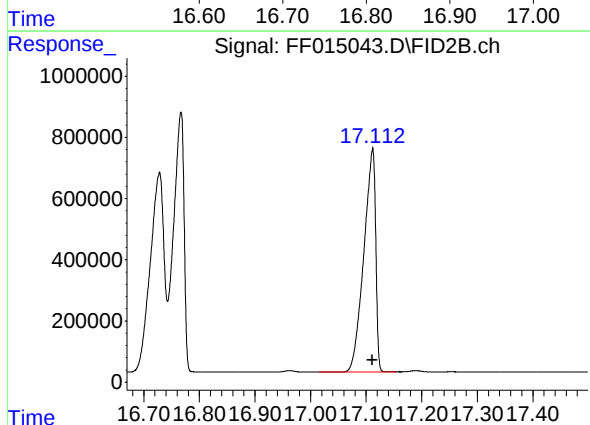
R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 11022543
Conc: 96.87 ug/ml

Instrument :

FID_F

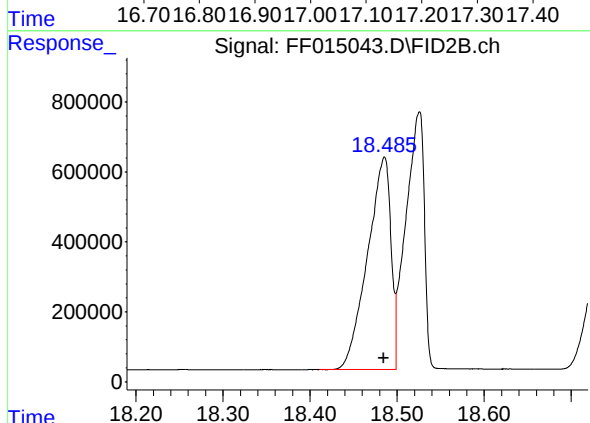
ClientSampleId :

100 PPM AROMATIC HC STD1



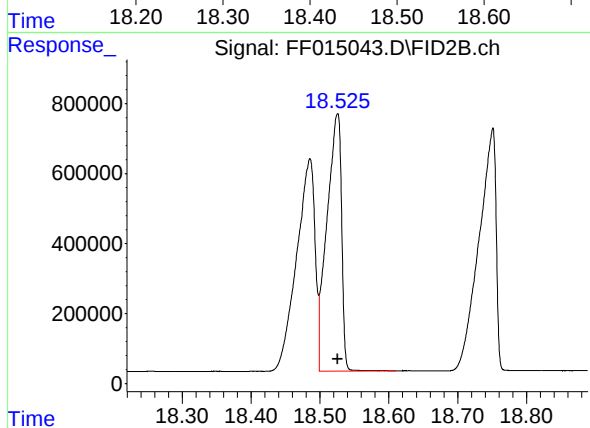
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: 0.000 min
Response: 10798930
Conc: 96.47 ug/ml



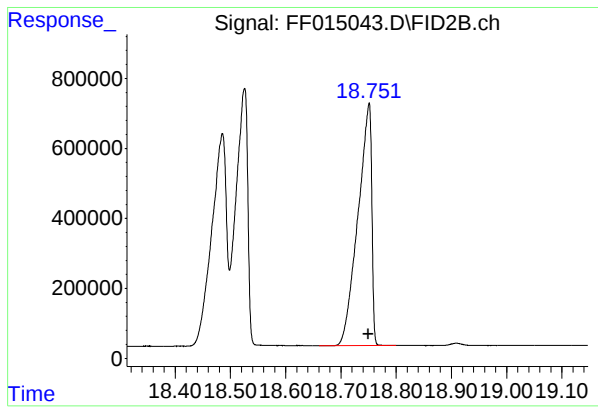
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 11304809
Conc: 98.15 ug/ml



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

R.T.: 18.525 min
Delta R.T.: 0.000 min
Response: 10851164
Conc: 94.08 ug/ml



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

R.T.: 18.750 min

Delta R.T.: 0.000 min

Response: 11963158

Conc: 96.42 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1