

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015527.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 09:00
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 26 12:29:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 2025
 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	10994390	96.664 ug/ml
Spiked Amount 50.000		Recovery =	193.33%
6) S 2-Fluorobiphenyl (SURR)	8.873	7467126	99.792 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.58%#
11) S ortho-Terphenyl (SURR)	11.938	12986799	94.309 ug/ml
Spiked Amount 50.000		Recovery =	188.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.600	11629996	95.000 ug/ml
2) T Naphthalene (C11.7)	6.272	12162035	97.104 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	12032920	96.653 ug/ml
5) T Acenaphthylene (C15.06)	8.673	12653113	94.888 ug/ml
7) T Acenaphthene (C15.5)	8.974	12472960	94.121 ug/ml
8) T Fluorene (C16.55)	9.763	12619708	96.602 ug/ml
9) T Phenanthrene (C19.36)	11.172	12461541	96.874 ug/ml
10) T Anthracene (C19.43)	11.248	12126064	96.961 ug/ml
12) T Fluoranthene (C21.85)	12.997	12920946	95.836 ug/ml
13) T Pyrene (C20.8)	13.297	12855428	94.626 ug/ml
14) T Benzo[a]anthracene (C...	15.181	12510176	99.595 ug/ml
15) T Chrysene (C27.41)	15.228	12789815	93.112 ug/ml
16) T benzo[b]fluoranthene ...	16.745	12667527	97.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.783	12754236	94.538 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.127	12145429	100.391 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	11376975	105.977 ug/ml
20) T Dibenz[a,h]anthracene...	18.542	11542220	93.587 ug/ml
21) T Benzo[g,h,i]perylene ...	18.765	11709295	96.656 ug/ml

(f)=RT Delta > 1/2 Window

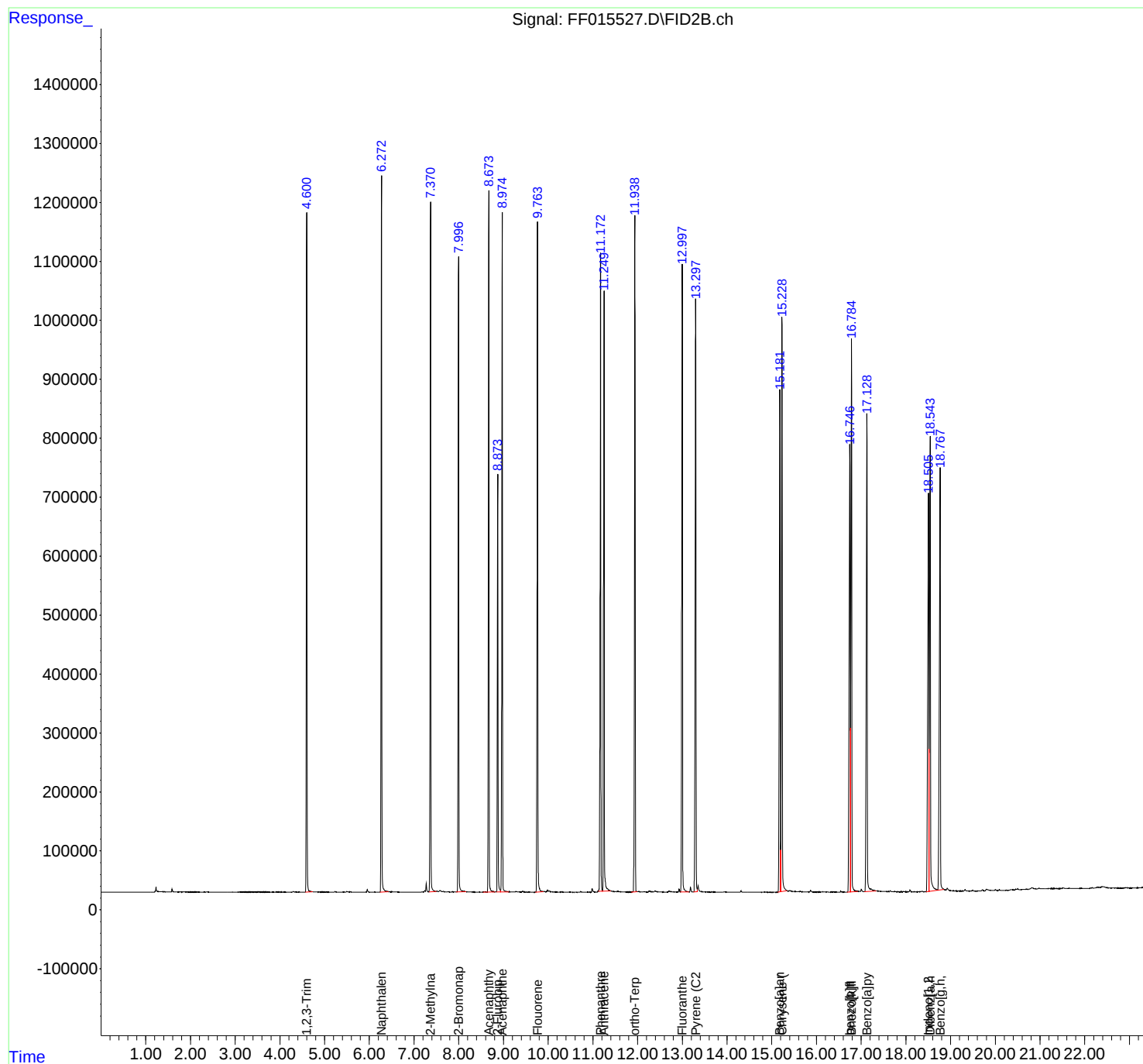
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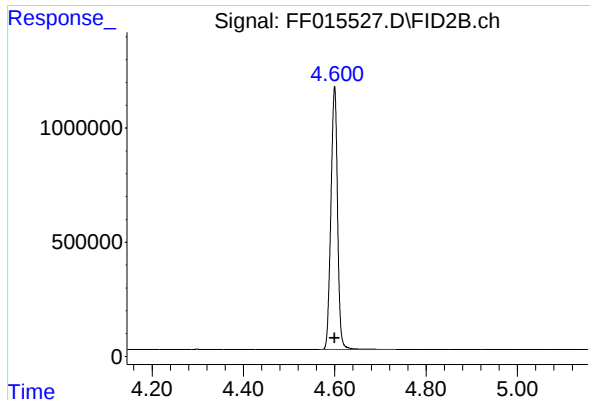
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#1 1,2,3-Trimethylbenzene (C10.1)

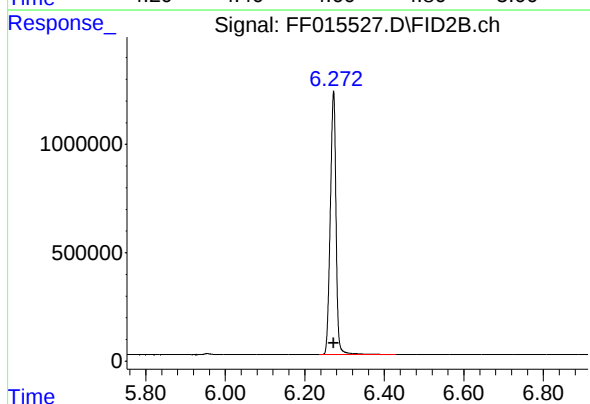
R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 11629996
Conc: 95.00 ug/ml

Instrument :

FID_F

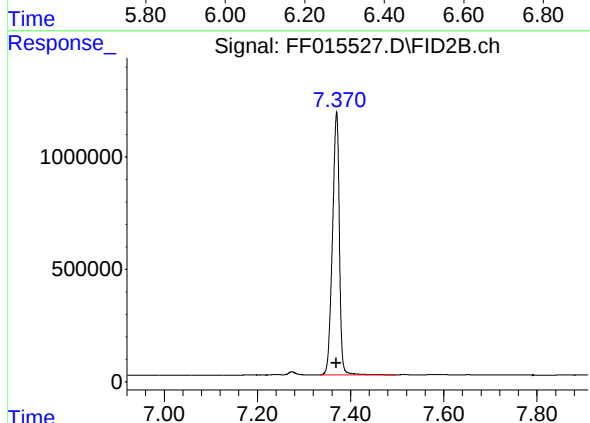
ClientSampleId :

100 PPM AROMATIC HC STD1



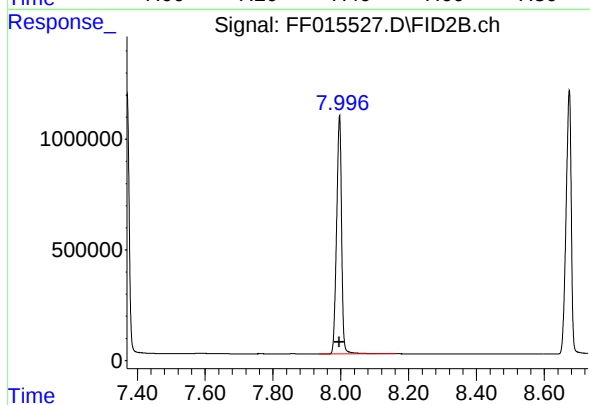
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 12162035
Conc: 97.10 ug/ml



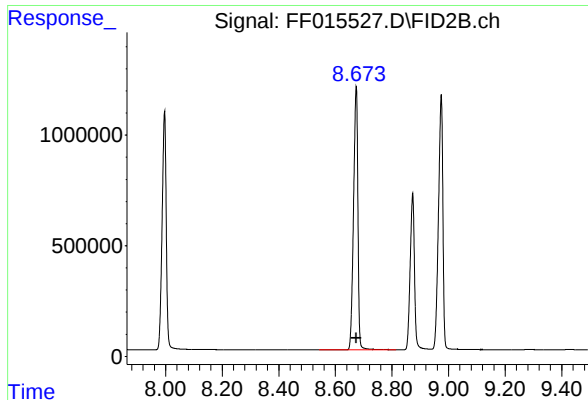
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 12032920
Conc: 96.65 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 10994390
Conc: 96.66 ug/ml



#5 Acenaphthylene (C15.06)

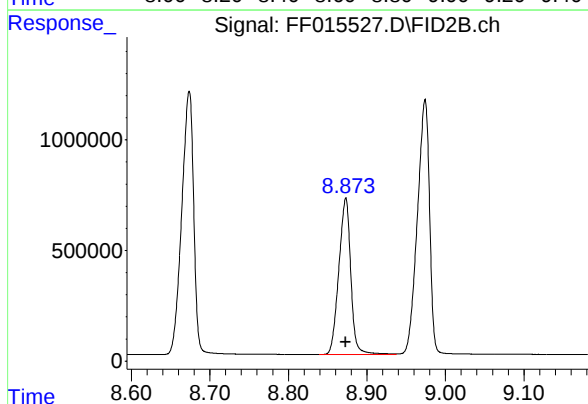
R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 12653113
Conc: 94.89 ug/ml

Instrument :

FID_F

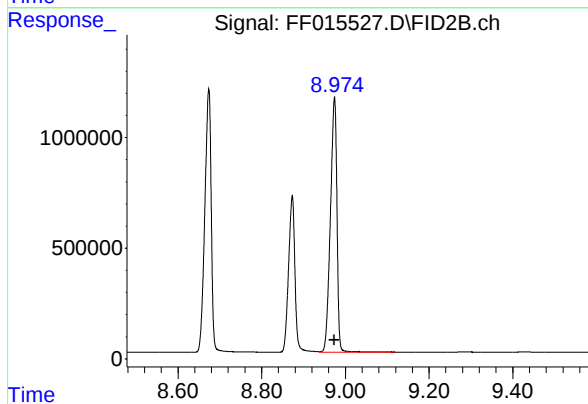
ClientSampleId :

100 PPM AROMATIC HC STD1



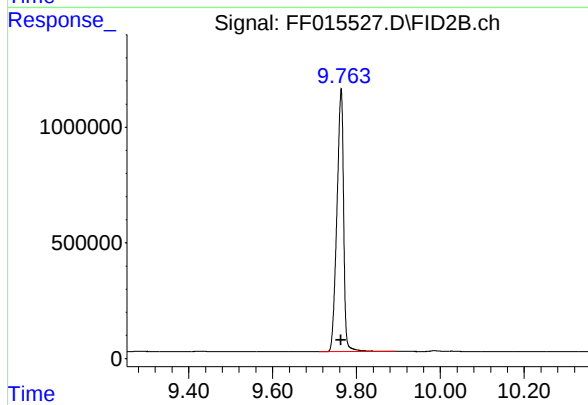
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 7467126
Conc: 99.79 ug/ml



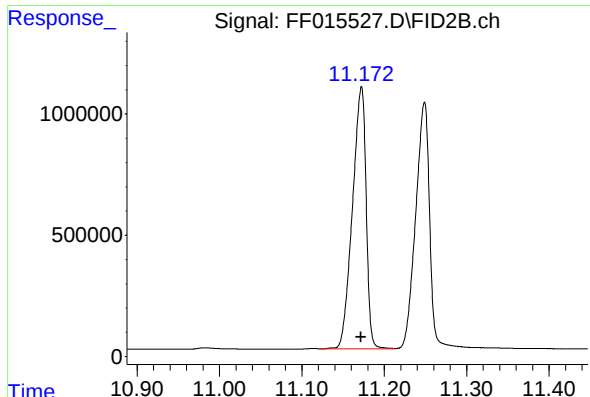
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 12472960
Conc: 94.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 12619708
Conc: 96.60 ug/ml



#9 Phenanthrene (C19.36)

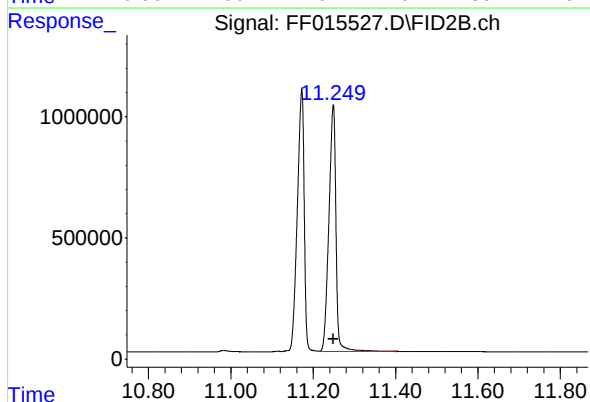
R.T.: 11.172 min
Delta R.T.: 0.000 min
Response: 12461541
Conc: 96.87 ug/ml

Instrument :

FID_F

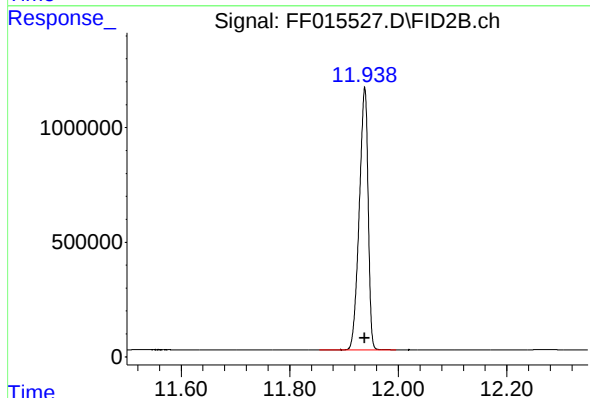
ClientSampleId :

100 PPM AROMATIC HC STD1



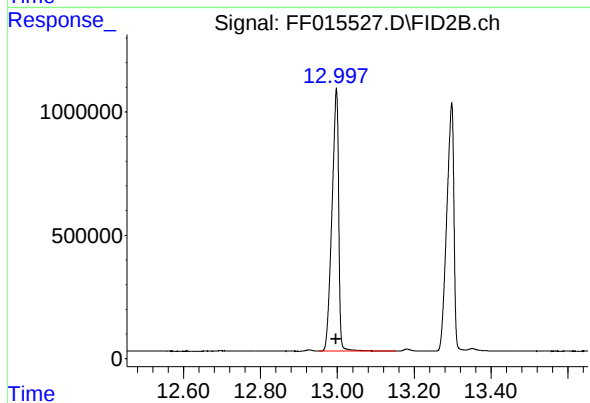
#10 Anthracene (C19.43)

R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 12126064
Conc: 96.96 ug/ml



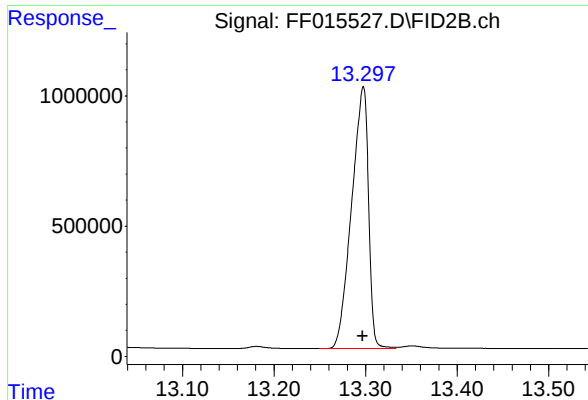
#11 ortho-Terphenyl (SURRE)

R.T.: 11.938 min
Delta R.T.: 0.000 min
Response: 12986799
Conc: 94.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 12920946
Conc: 95.84 ug/ml



#13 Pyrene (C20.8)

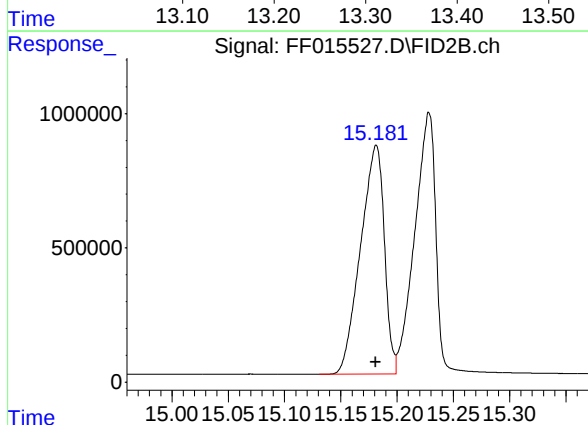
R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 12855428
Conc: 94.63 ug/ml

Instrument :

FID_F

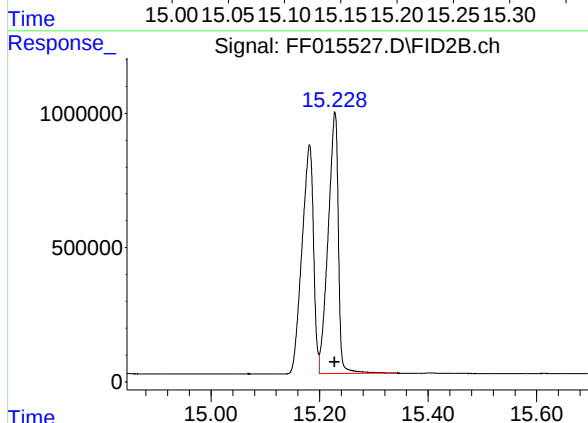
ClientSampleId :

100 PPM AROMATIC HC STD1



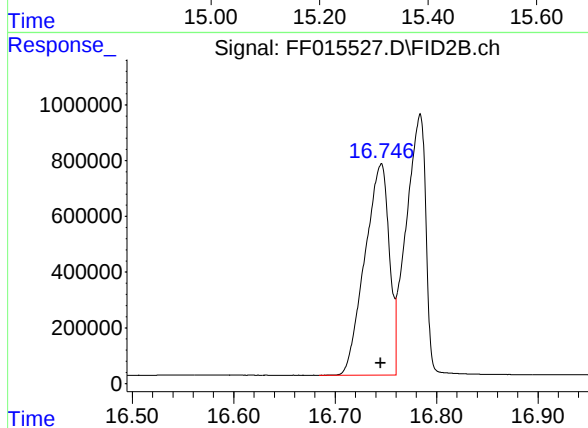
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 12510176
Conc: 99.60 ug/ml



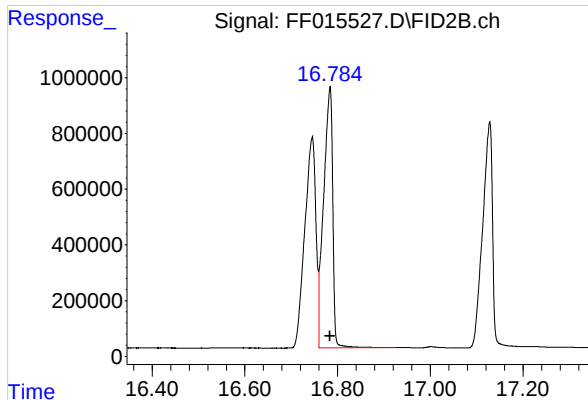
#15 Chrysene (C27.41)

R.T.: 15.228 min
Delta R.T.: 0.000 min
Response: 12789815
Conc: 93.11 ug/ml



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

R.T.: 16.745 min
Delta R.T.: 0.000 min
Response: 12667527
Conc: 97.36 ug/ml



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

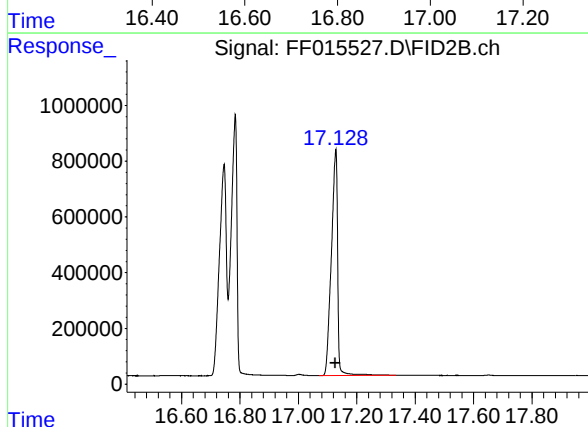
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 12754236
Conc: 94.54 ug/ml

Instrument :

FID_F

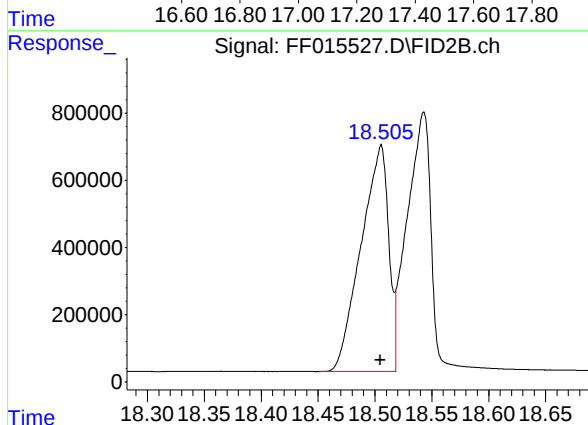
ClientSampleId :

100 PPM AROMATIC HC STD1



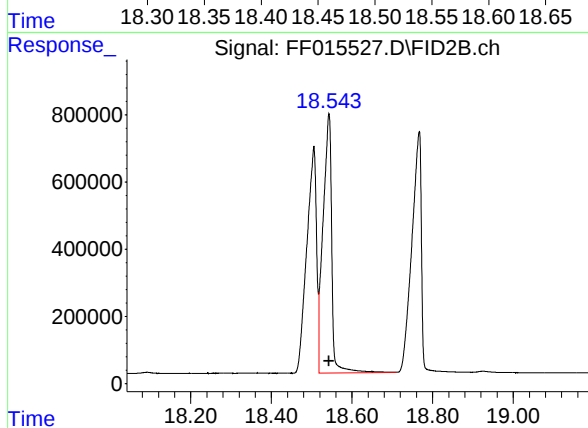
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.127 min
Delta R.T.: 0.000 min
Response: 12145429
Conc: 100.39 ug/ml



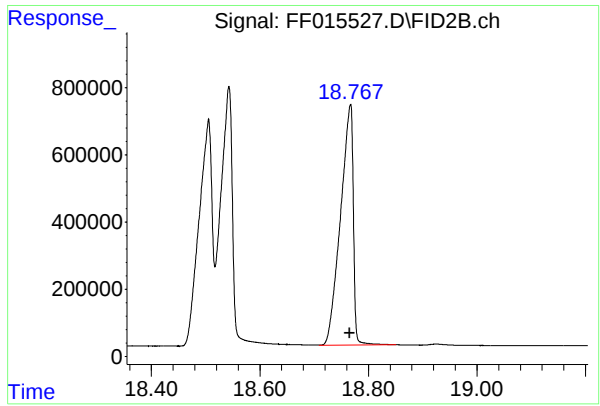
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 11376975
Conc: 105.98 ug/ml



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

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 11542220
Conc: 93.59 ug/ml



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

R.T.: 18.765 min
Delta R.T.: 0.000 min
Response: 11709295
Conc: 96.66 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1