

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049492.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 11:17
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 18 13:09:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:06:40 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...	7.741	12748587	100.742 ug/ml
Spiked Amount 50.000		Recovery =	201.48%
6) S 2-Fluorobiphenyl (SURR)	8.609	9070361	101.081 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	202.16%#
11) S ortho-Terphenyl (SURR)	11.655	15530269	98.639 ug/ml
Spiked Amount 50.000		Recovery =	197.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	11843975	101.648 ug/ml
2) T Naphthalene (C11.7)	6.078	13891585	102.248 ug/ml
3) T 2-Methylnaphthalene (...)	7.133	14608985	102.046 ug/ml
5) T Acenaphthylene (C15.06)	8.413	15315201	99.819 ug/ml
7) T Acenaphthene (C15.5)	8.711	15220833	100.776 ug/ml
8) T Fluorene (C16.55)	9.492	15383073	99.911 ug/ml
9) T Phenanthrene (C19.36)	10.892	15648623	98.619 ug/ml
10) T Anthracene (C19.43)	10.969	15593266	99.113 ug/ml
12) T Fluoranthene (C21.85)	12.708	15390927	97.849 ug/ml
13) T Pyrene (C20.8)	13.007	15345851	97.741 ug/ml
14) T Benzo[a]anthracene (C...	14.878	14256967	97.341 ug/ml
15) T Chrysene (C27.41)	14.926	14339025	97.211 ug/ml
16) T benzo[b]fluoranthene ...	16.431	13552247	97.393 ug/ml
17) T Bnezo[k]fluoranthene ...	16.470	12666658	97.178 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.815	13124309	97.115 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.179	12080043	99.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.220	11842648	96.305 ug/ml
21) T Benzo[g,h,i]perylene ...	18.442	12355459	97.460 ug/ml

(f)=RT Delta > 1/2 Window

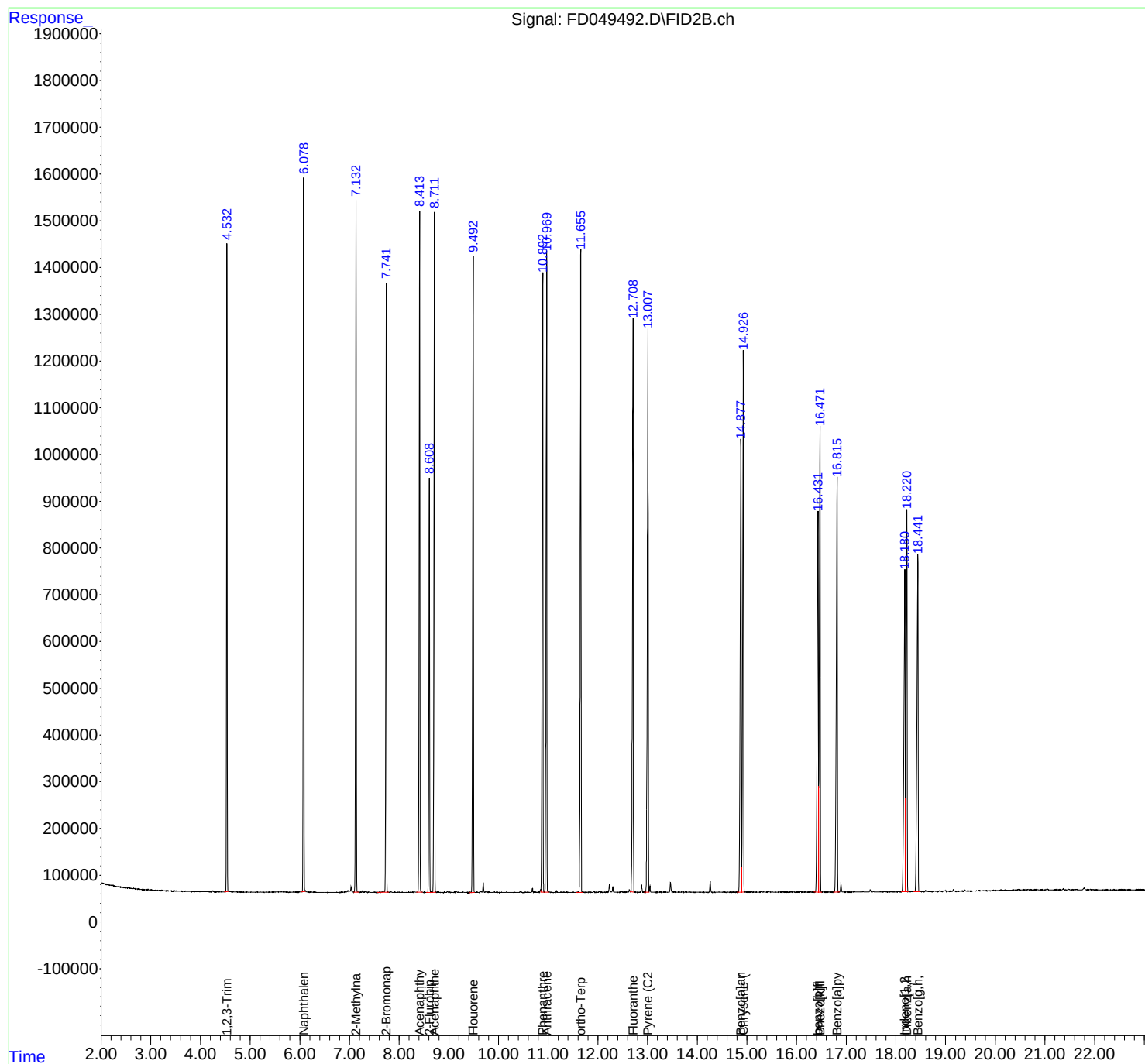
(m)=manual int.

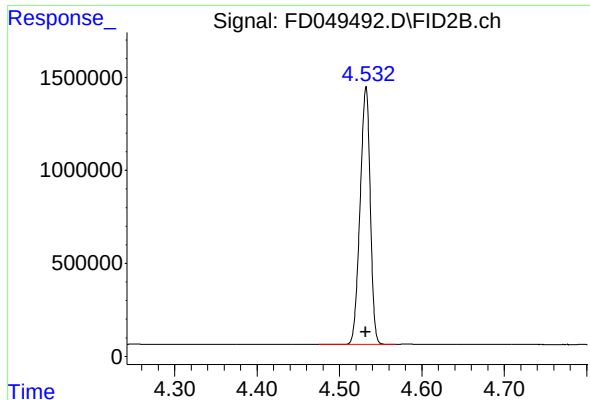
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#1 1,2,3-Trimethylbenzene (C10.1)

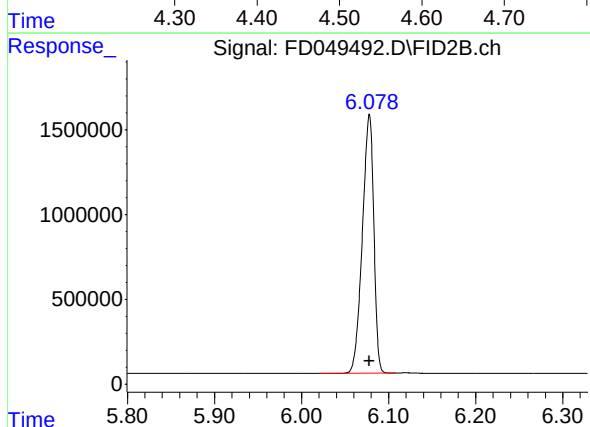
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 11843975
Conc: 101.65 ug/ml

Instrument :

FID_D

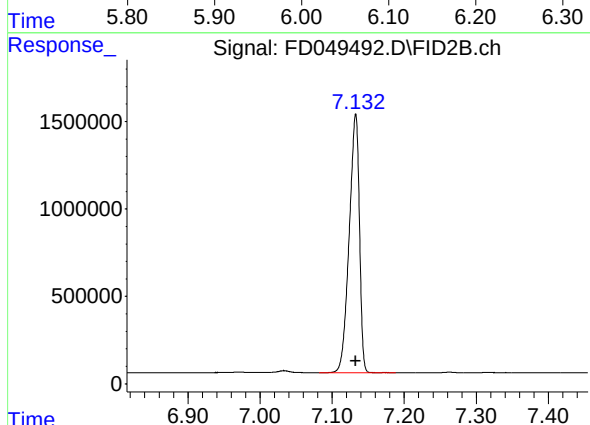
ClientSampleId :

100 PPM AROMATIC HC STD1



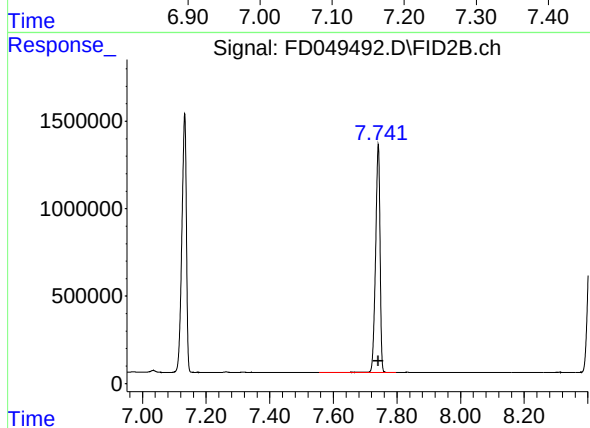
#2 Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 13891585
Conc: 102.25 ug/ml



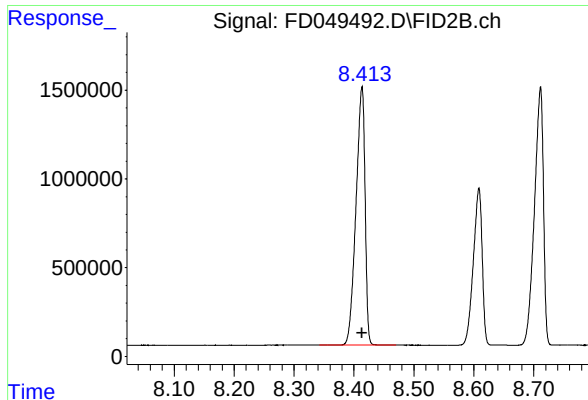
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 14608985
Conc: 102.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 12748587
Conc: 100.74 ug/ml



#5 Acenaphthylene (C15.06)

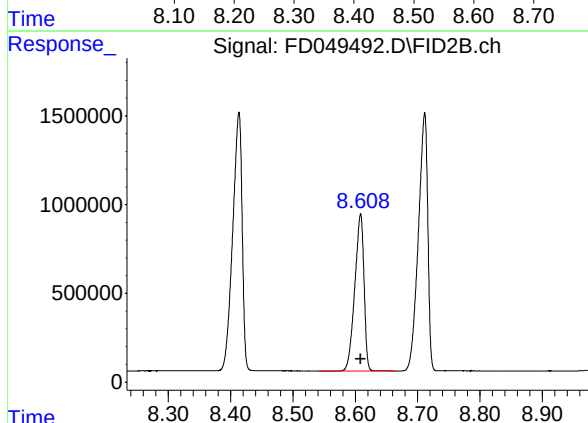
R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 15315201
Conc: 99.82 ug/ml

Instrument :

FID_D

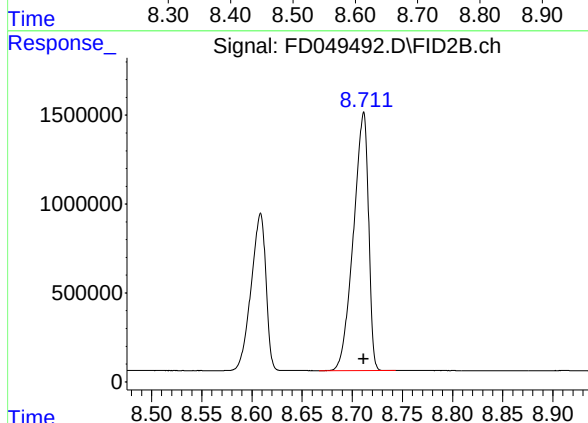
ClientSampleId :

100 PPM AROMATIC HC STD1



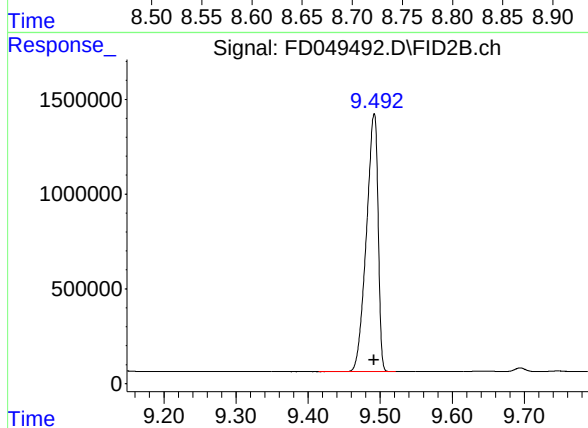
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 9070361
Conc: 101.08 ug/ml



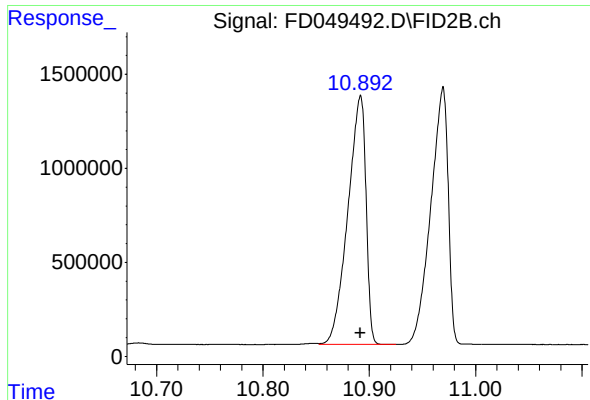
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 15220833
Conc: 100.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 15383073
Conc: 99.91 ug/ml



#9 Phenanthrene (C19.36)

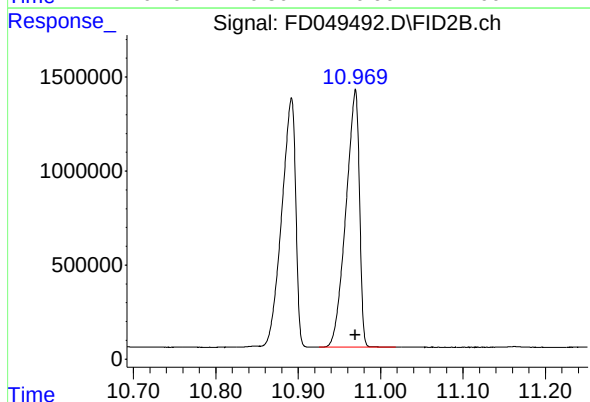
R.T.: 10.892 min
Delta R.T.: 0.000 min
Response: 15648623
Conc: 98.62 ug/ml

Instrument :

FID_D

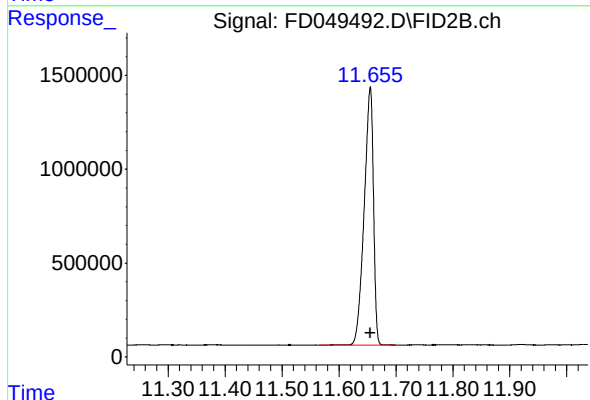
ClientSampleId :

100 PPM AROMATIC HC STD1



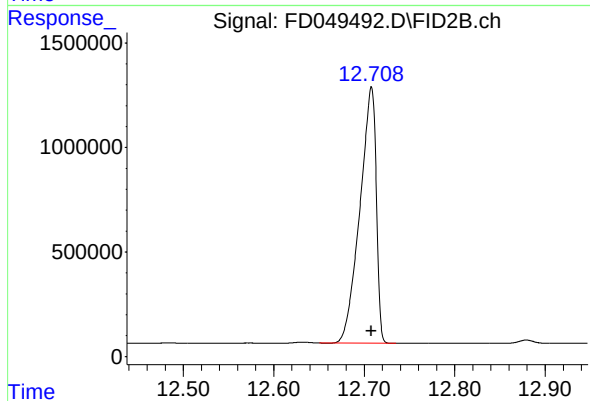
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: 0.000 min
Response: 15593266
Conc: 99.11 ug/ml



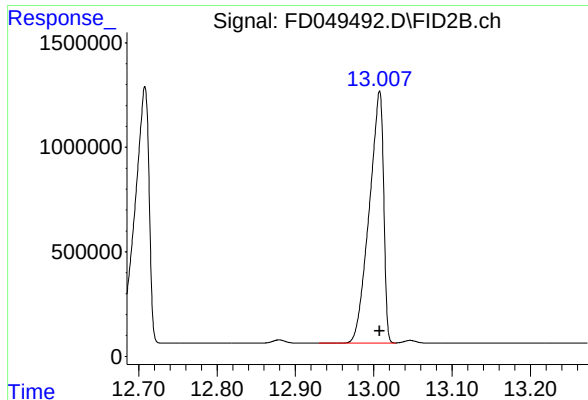
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 15530269
Conc: 98.64 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.708 min
Delta R.T.: 0.000 min
Response: 15390927
Conc: 97.85 ug/ml



#13 Pyrene (C20.8)

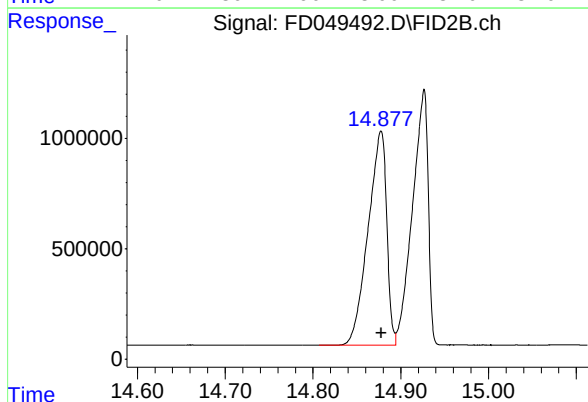
R.T.: 13.007 min
Delta R.T.: 0.000 min
Response: 15345851
Conc: 97.74 ug/ml

Instrument :

FID_D

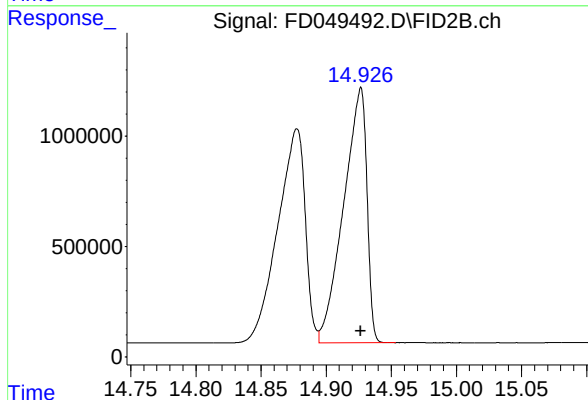
ClientSampleId :

100 PPM AROMATIC HC STD1



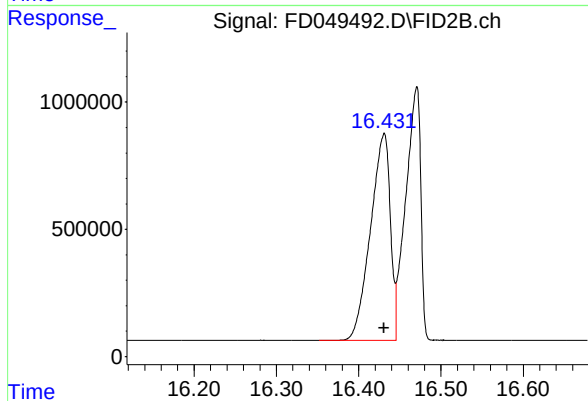
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 14256967
Conc: 97.34 ug/ml



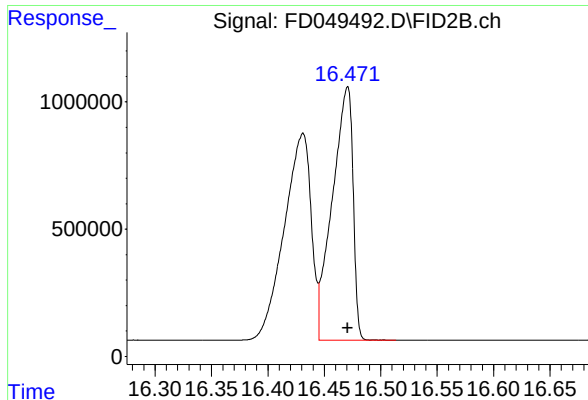
#15 Chrysene (C27.41)

R.T.: 14.926 min
Delta R.T.: 0.000 min
Response: 14339025
Conc: 97.21 ug/ml



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

R.T.: 16.431 min
Delta R.T.: 0.000 min
Response: 13552247
Conc: 97.39 ug/ml



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

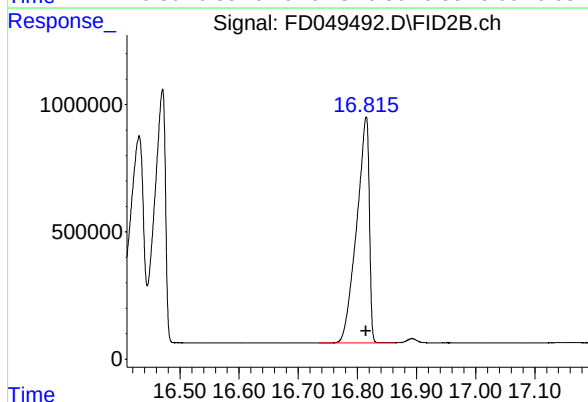
R.T.: 16.470 min
Delta R.T.: 0.000 min
Response: 1266658
Conc: 97.18 ug/ml

Instrument :

FID_D

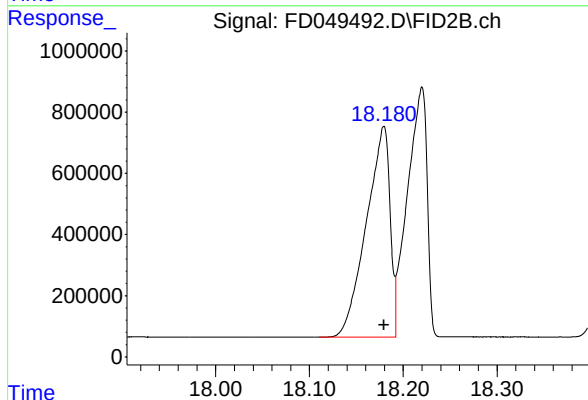
ClientSampleId :

100 PPM AROMATIC HC STD1



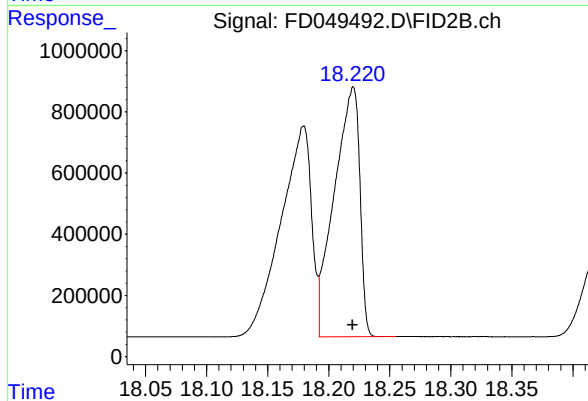
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.815 min
Delta R.T.: 0.000 min
Response: 13124309
Conc: 97.11 ug/ml



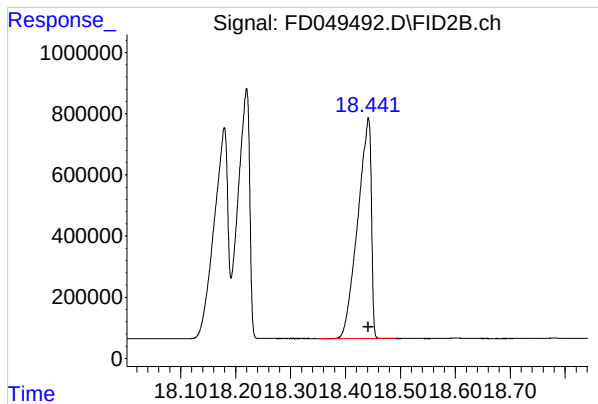
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.179 min
Delta R.T.: 0.000 min
Response: 12080043
Conc: 99.00 ug/ml



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

R.T.: 18.220 min
Delta R.T.: 0.000 min
Response: 11842648
Conc: 96.31 ug/ml



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

R.T.: 18.442 min

Delta R.T.: 0.000 min

Response: 12355459

Conc: 97.46 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1