

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
 Data File : FD049538.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2025 09:05
 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: Jul 15 11:12:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 11:09:36 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...	7.740	13114429	99.345 ug/ml
Spiked Amount 50.000		Recovery =	198.69%
6) S 2-Fluorobiphenyl (SURR)	8.607	9328277	99.781 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.56%#
11) S ortho-Terphenyl (SURR)	11.651	16179409	98.994 ug/ml
Spiked Amount 50.000		Recovery =	197.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	12838724	98.468 ug/ml
2) T Naphthalene (C11.7)	6.077	14703937	99.304 ug/ml
3) T 2-Methylnaphthalene (...)	7.132	15251945	99.307 ug/ml
5) T Acenaphthylene (C15.06)	8.411	15818960	99.138 ug/ml
7) T Acenaphthene (C15.5)	8.709	15802421	99.349 ug/ml
8) T Fluorene (C16.55)	9.490	15933145	99.418 ug/ml
9) T Phenanthrene (C19.36)	10.889	16293108	99.056 ug/ml
10) T Anthracene (C19.43)	10.966	15958629	99.393 ug/ml
12) T Fluoranthene (C21.85)	12.705	16137775	98.964 ug/ml
13) T Pyrene (C20.8)	13.004	16111007	98.987 ug/ml
14) T Benzo[a]anthracene (C...	14.875	14742474	99.351 ug/ml
15) T Chrysene (C27.41)	14.923	14884346	99.192 ug/ml
16) T benzo[b]fluoranthene ...	16.428	14149991	99.133 ug/ml
17) T Bnezo[k]fluoranthene ...	16.466	13166303	98.457 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.811	13647797	98.747 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.176	12612631	100.175 ug/ml
20) T Dibenz[a,h]anthracene...	18.216	12279372	96.677 ug/ml
21) T Benzo[g,h,i]perylene ...	18.438	12909380	98.040 ug/ml

(f)=RT Delta > 1/2 Window

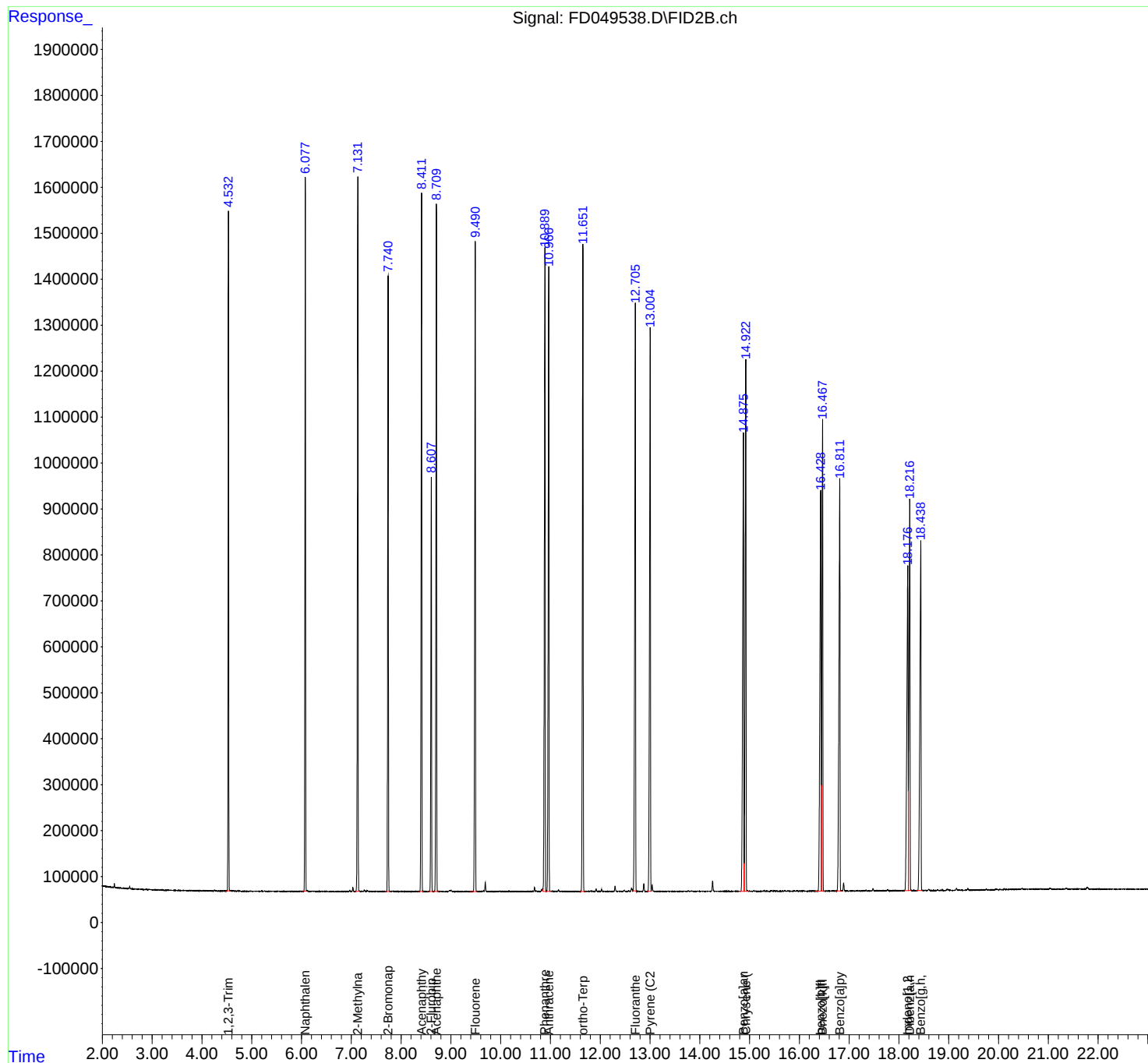
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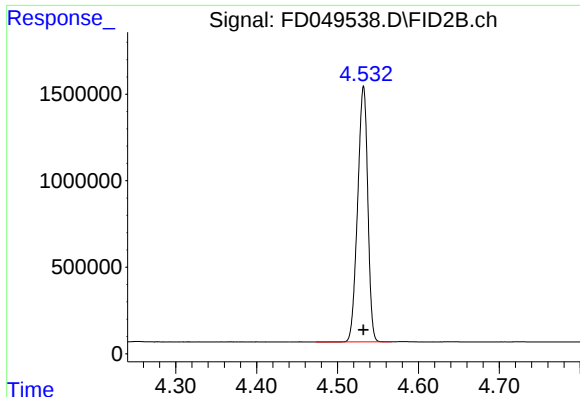
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
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#1 1,2,3-Trimethylbenzene (C10.1)

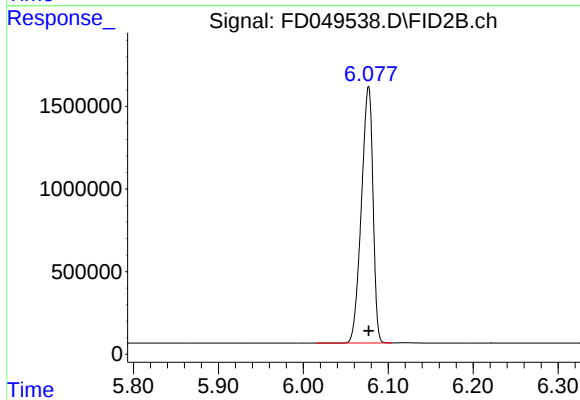
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 12838724
Conc: 98.47 ug/ml

Instrument :

FID_D

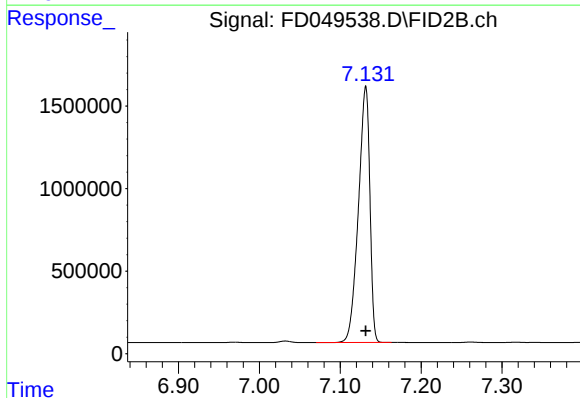
ClientSampleId :

100 PPM AROMATIC HC STD1



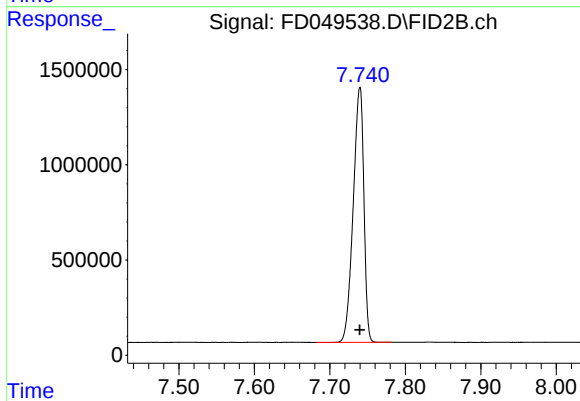
#2 Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 14703937
Conc: 99.30 ug/ml



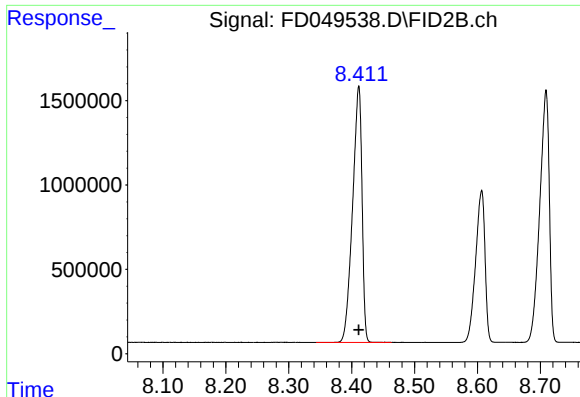
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 15251945
Conc: 99.31 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 13114429
Conc: 99.34 ug/ml



#5 Acenaphthylene (C15.06)

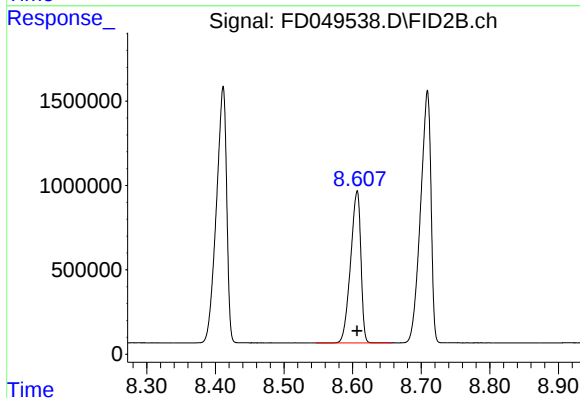
R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 15818960
Conc: 99.14 ug/ml

Instrument :

FID_D

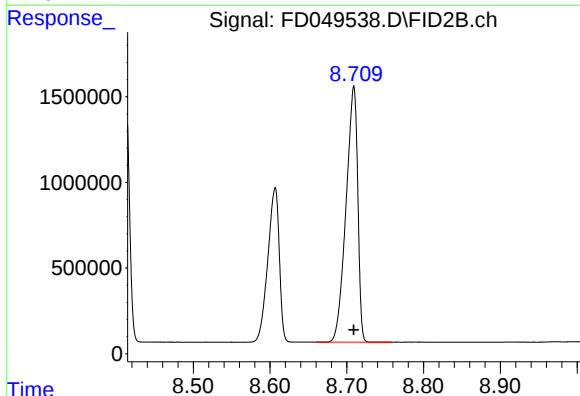
ClientSampleId :

100 PPM AROMATIC HC STD1



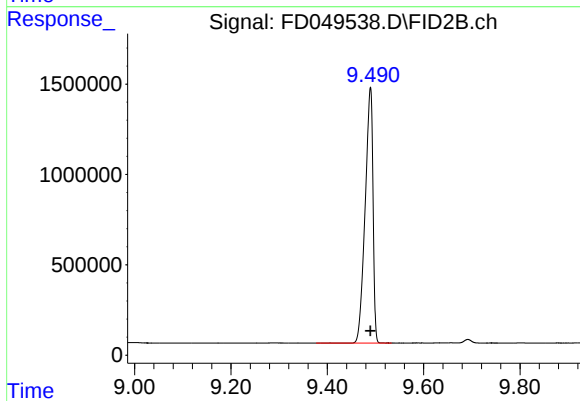
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 9328277
Conc: 99.78 ug/ml



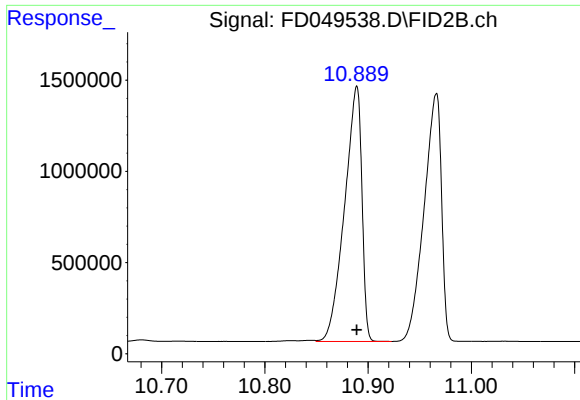
#7 Acenaphthene (C15.5)

R.T.: 8.709 min
Delta R.T.: 0.000 min
Response: 15802421
Conc: 99.35 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.490 min
Delta R.T.: 0.000 min
Response: 15933145
Conc: 99.42 ug/ml



#9 Phenanthrene (C19.36)

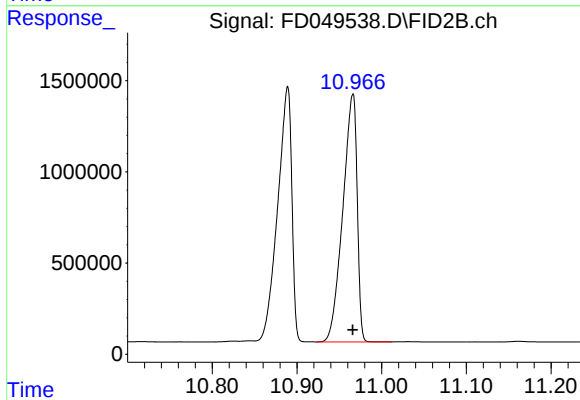
R.T.: 10.889 min
Delta R.T.: 0.000 min
Response: 16293108
Conc: 99.06 ug/ml

Instrument :

FID_D

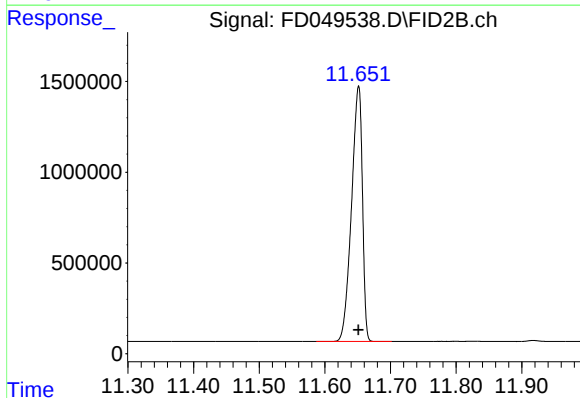
ClientSampleId :

100 PPM AROMATIC HC STD1



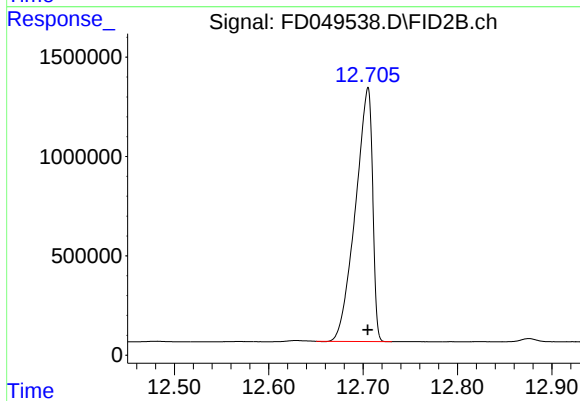
#10 Anthracene (C19.43)

R.T.: 10.966 min
Delta R.T.: 0.000 min
Response: 15958629
Conc: 99.39 ug/ml



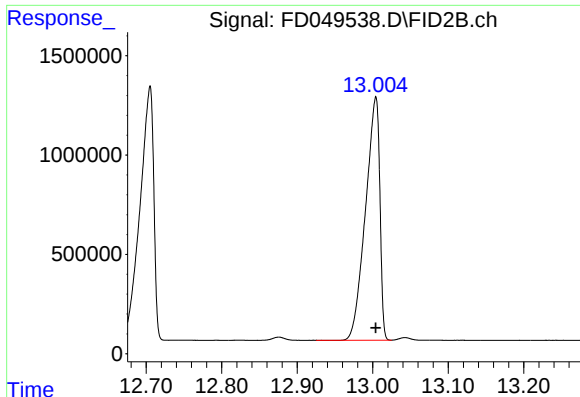
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 16179409
Conc: 98.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 16137775
Conc: 98.96 ug/ml



#13 Pyrene (C20.8)

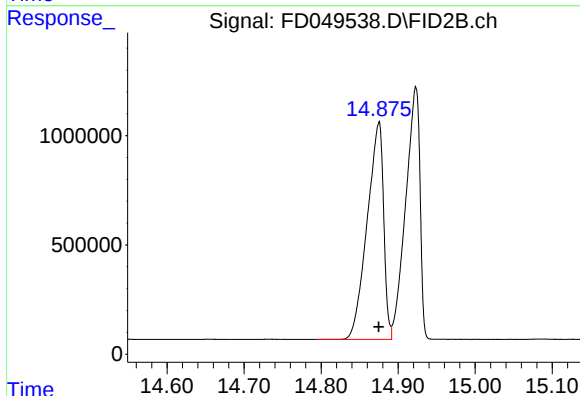
R.T.: 13.004 min
Delta R.T.: 0.000 min
Response: 16111007
Conc: 98.99 ug/ml

Instrument :

FID_D

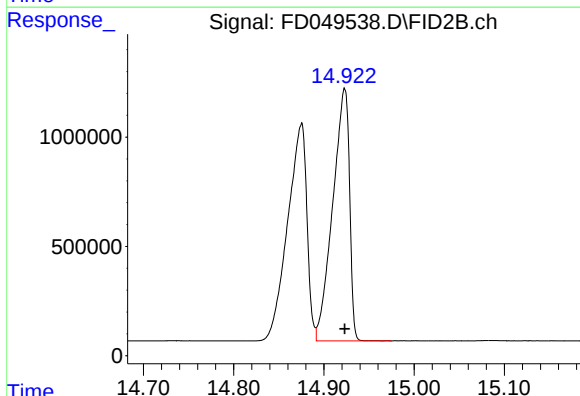
ClientSampleId :

100 PPM AROMATIC HC STD1



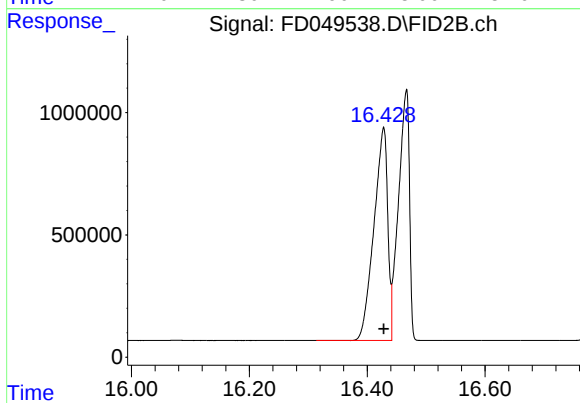
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.875 min
Delta R.T.: 0.000 min
Response: 14742474
Conc: 99.35 ug/ml



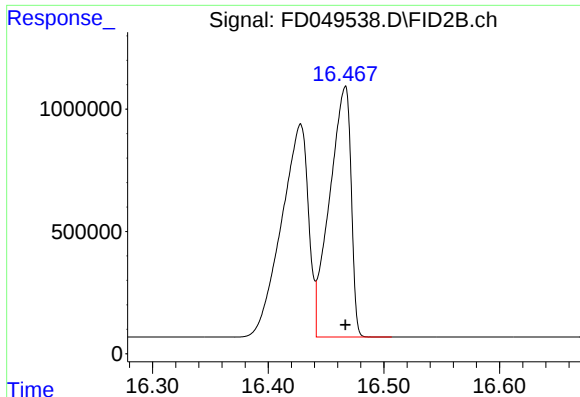
#15 Chrysene (C27.41)

R.T.: 14.923 min
Delta R.T.: 0.000 min
Response: 14884346
Conc: 99.19 ug/ml



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

R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 14149991
Conc: 99.13 ug/ml



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

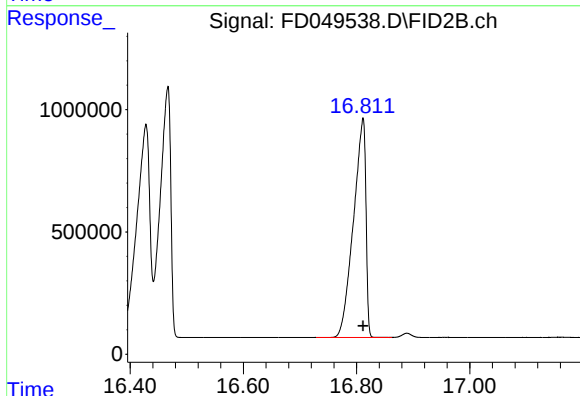
R.T.: 16.466 min
Delta R.T.: 0.000 min
Response: 13166303
Conc: 98.46 ug/ml

Instrument :

FID_D

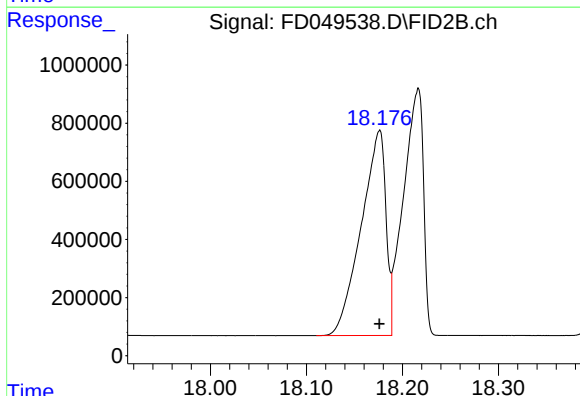
ClientSampleId :

100 PPM AROMATIC HC STD1



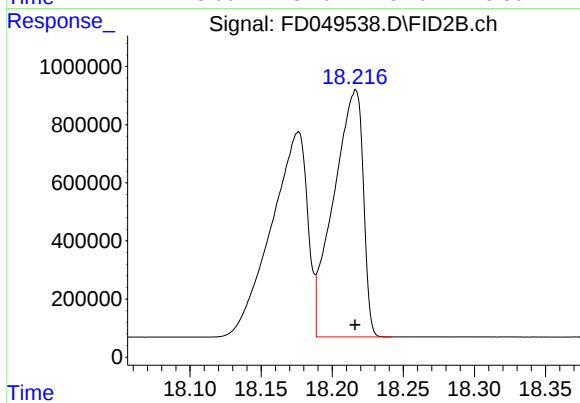
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.811 min
Delta R.T.: 0.000 min
Response: 13647797
Conc: 98.75 ug/ml



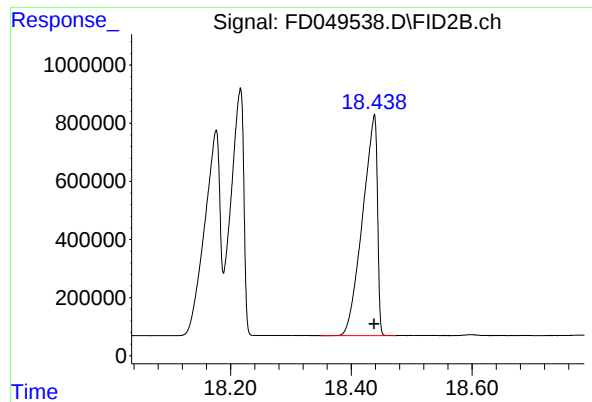
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.176 min
Delta R.T.: 0.000 min
Response: 12612631
Conc: 100.18 ug/ml



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

R.T.: 18.216 min
Delta R.T.: 0.000 min
Response: 12279372
Conc: 96.68 ug/ml



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

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 12909380
Conc: 98.04 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1