

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049072.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 13:22
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 10 15:30:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:28:06 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...	7.356	13521753	97.612 ug/ml
Spiked Amount 50.000		Recovery =	195.22%
6) S 2-Fluorobiphenyl (SURR)	8.206	9031094	100.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.45%#
11) S ortho-Terphenyl (SURR)	11.242	14903579	96.771 ug/ml
Spiked Amount 50.000		Recovery =	193.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	14869075	97.560 ug/ml
2) T Naphthalene (C11.7)	5.697	15264707	98.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	14901306	97.974 ug/ml
5) T Acenaphthylene (C15.06)	8.010	15174302	97.403 ug/ml
7) T Acenaphthene (C15.5)	8.306	14902082	96.330 ug/ml
8) T Fluorene (C16.55)	9.085	14990417	97.888 ug/ml
9) T Phenanthrene (C19.36)	10.472	14561159	98.628 ug/ml
10) T Anthracene (C19.43)	10.548	14369869	97.698 ug/ml
12) T Fluoranthene (C21.85)	12.278	14577451	97.401 ug/ml
13) T Pyrene (C20.8)	12.571	14514202	98.100 ug/ml
14) T Benzo[a]anthracene (C...	14.441	13838427	101.145 ug/ml
15) T Chrysene (C27.41)	14.487	14067276	95.042 ug/ml
16) T benzo[b]fluoranthene ...	15.992	13742882	98.944 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	13818927	96.450 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	13061093	98.611 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	12478937	107.613 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	13100134	91.486 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	13295971	96.863 ug/ml

(f)=RT Delta > 1/2 Window

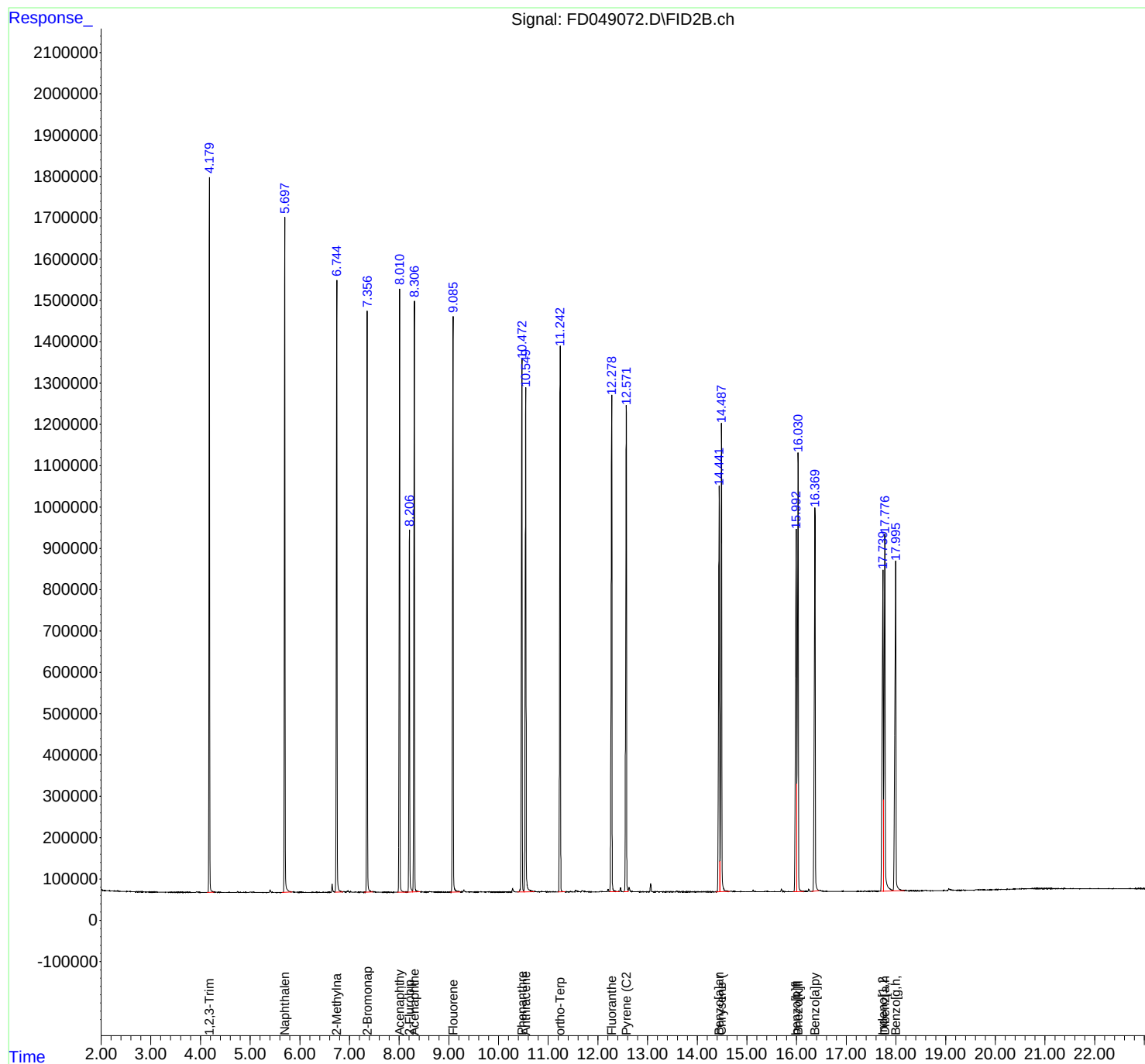
(m)=manual int.

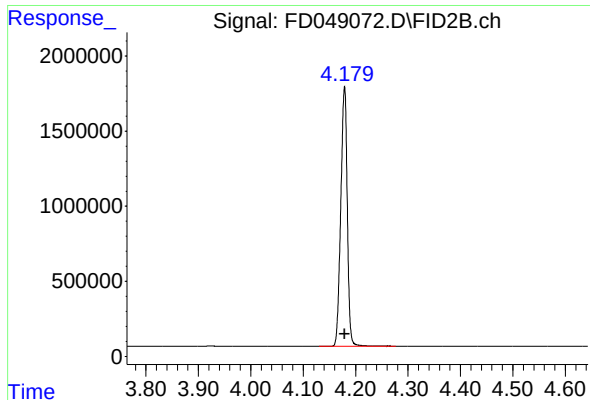
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#1 1,2,3-Trimethylbenzene (C10.1)

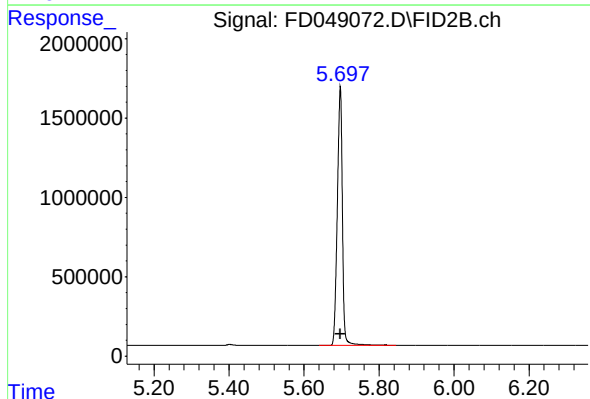
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 14869075
Conc: 97.56 ug/ml

Instrument :

FID_D

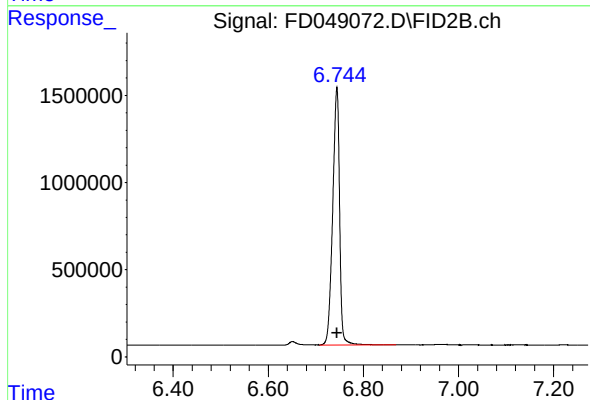
ClientSampleId :

100 PPM AROMATIC HC STD1



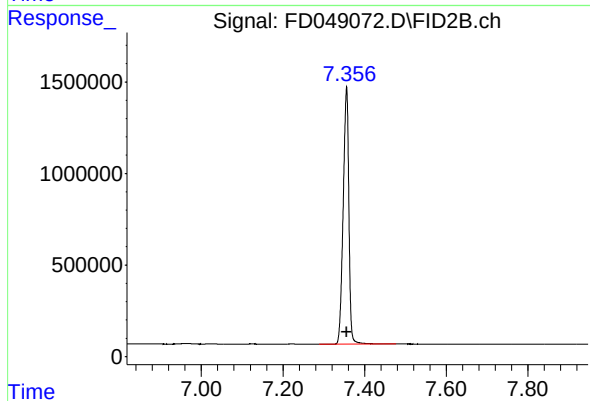
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 15264707
Conc: 98.58 ug/ml



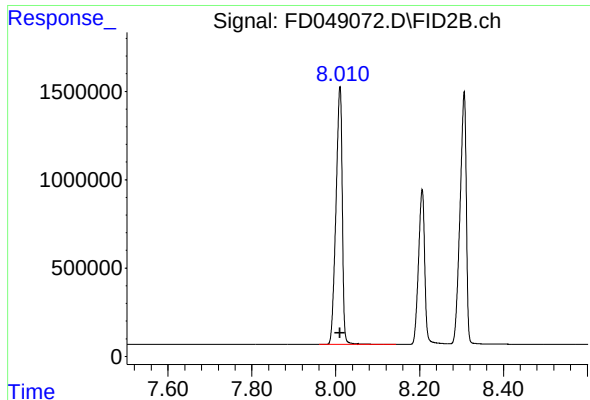
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 14901306
Conc: 97.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 13521753
Conc: 97.61 ug/ml



#5 Acenaphthylene (C15.06)

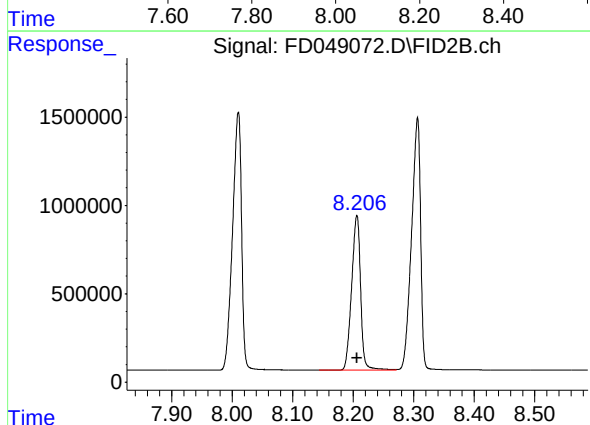
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 15174302
Conc: 97.40 ug/ml

Instrument :

FID_D

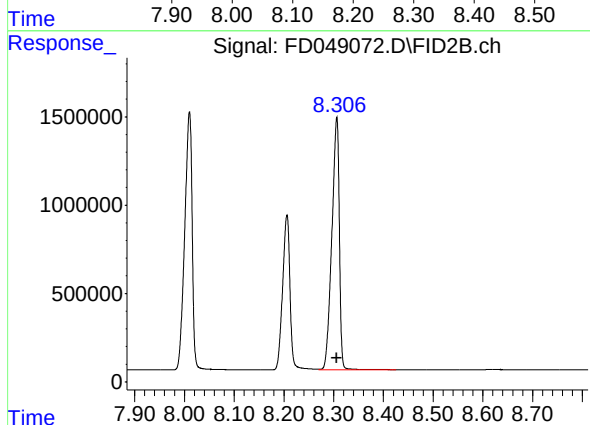
ClientSampleId :

100 PPM AROMATIC HC STD1



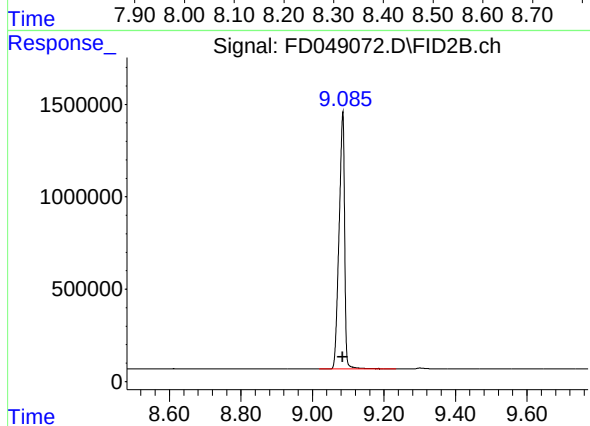
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 9031094
Conc: 100.73 ug/ml



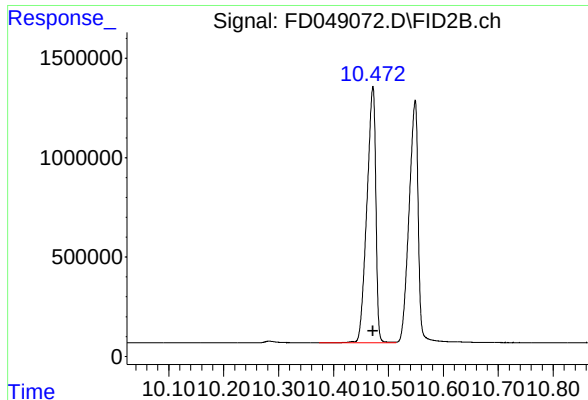
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 14902082
Conc: 96.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 14990417
Conc: 97.89 ug/ml



#9 Phenanthrene (C19.36)

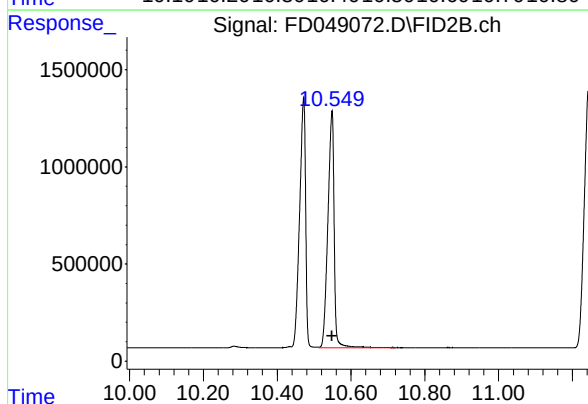
R.T.: 10.472 min
Delta R.T.: 0.000 min
Response: 14561159
Conc: 98.63 ug/ml

Instrument :

FID_D

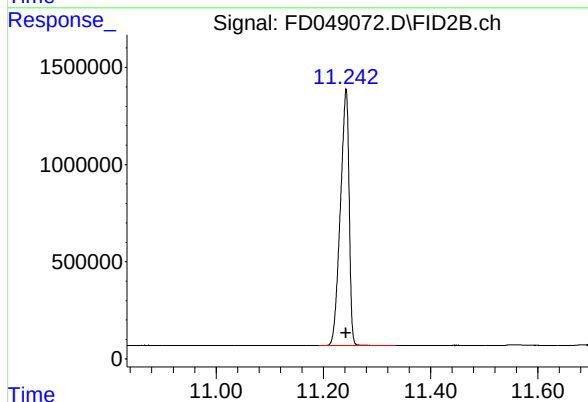
ClientSampleId :

100 PPM AROMATIC HC STD1



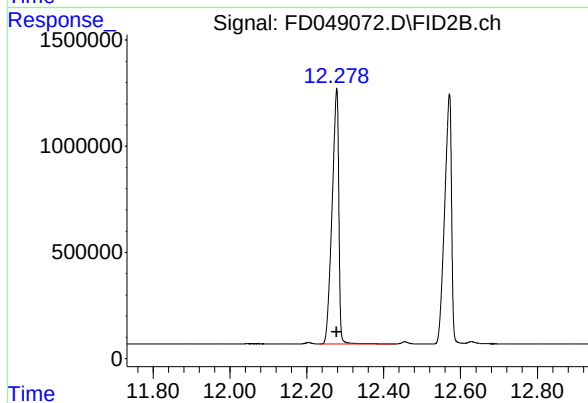
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 14369869
Conc: 97.70 ug/ml



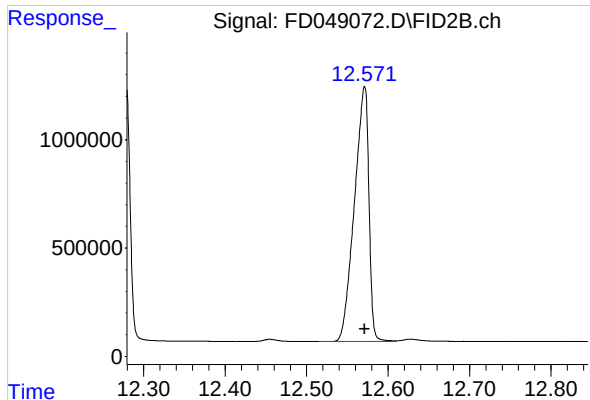
#11 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 14903579
Conc: 96.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.278 min
Delta R.T.: 0.000 min
Response: 14577451
Conc: 97.40 ug/ml



#13 Pyrene (C20.8)

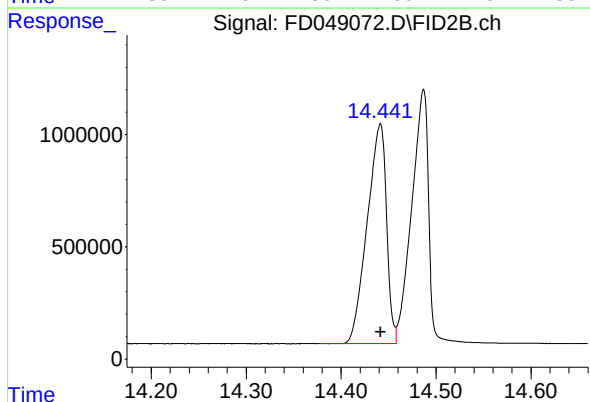
R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 14514202
Conc: 98.10 ug/ml

Instrument :

FID_D

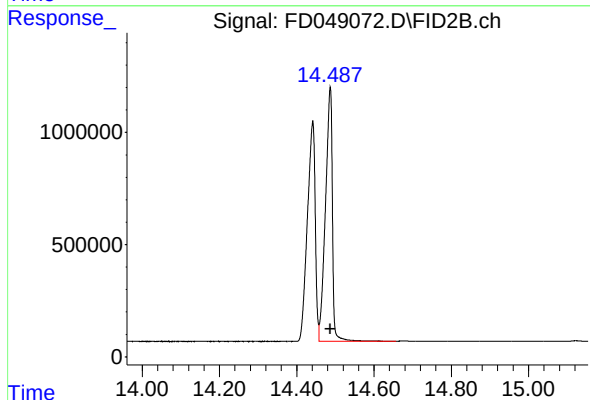
ClientSampleId :

100 PPM AROMATIC HC STD1



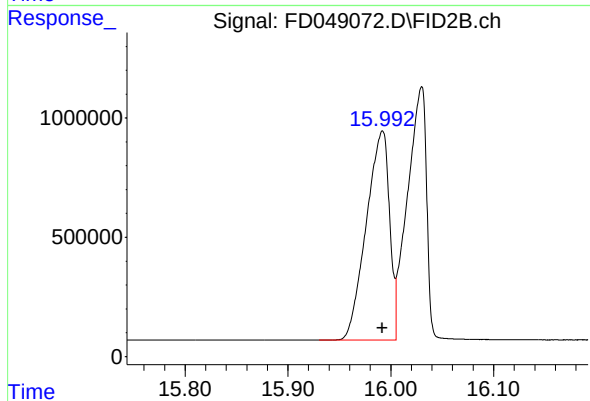
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.000 min
Response: 13838427
Conc: 101.14 ug/ml



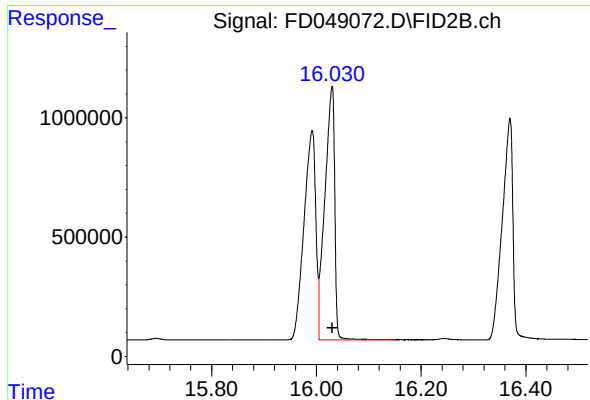
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.000 min
Response: 14067276
Conc: 95.04 ug/ml



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

R.T.: 15.992 min
Delta R.T.: 0.000 min
Response: 13742882
Conc: 98.94 ug/ml



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

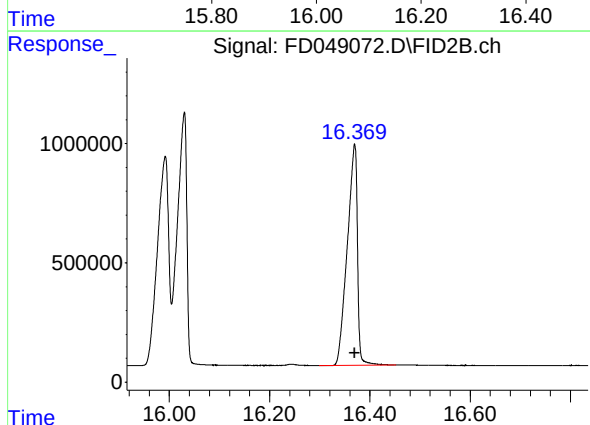
R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 13818927
Conc: 96.45 ug/ml

Instrument :

FID_D

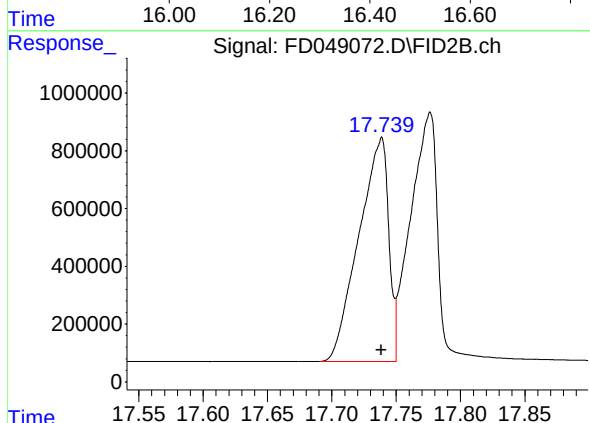
ClientSampleId :

100 PPM AROMATIC HC STD1



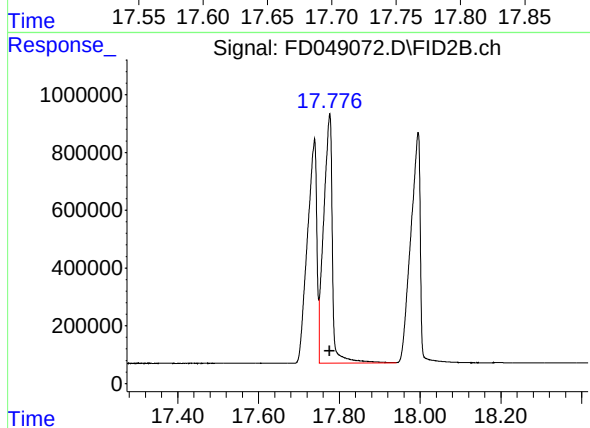
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 13061093
Conc: 98.61 ug/ml



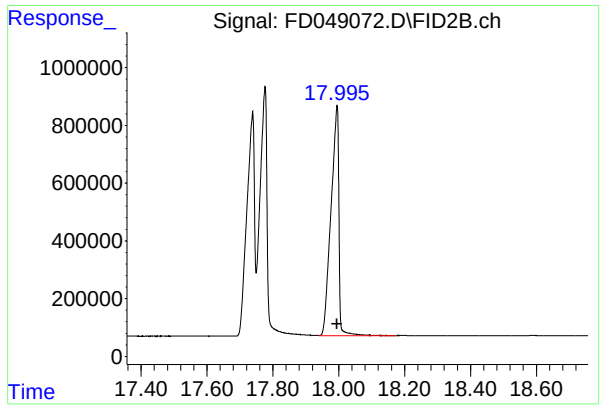
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: 0.000 min
Response: 12478937
Conc: 107.61 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 13100134
Conc: 91.49 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.000 min
Response: 13295971
Conc: 96.86 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1