

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049791.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 09:40
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 02 12:23:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 12:20:25 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...	7.702	12297466	105.279 ug/ml
Spiked Amount 50.000		Recovery =	210.56%
6) S 2-Fluorobiphenyl (SURR)	8.569	8829631	105.527 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	211.05%#
11) S ortho-Terphenyl (SURR)	11.617	15083328	104.185 ug/ml
Spiked Amount 50.000		Recovery =	208.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	11695090	105.250 ug/ml
2) T Naphthalene (C11.7)	6.037	13732370	105.649 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	14358809	105.572 ug/ml
5) T Acenaphthylene (C15.06)	8.374	14927854	104.729 ug/ml
7) T Acenaphthene (C15.5)	8.672	14932454	104.792 ug/ml
8) T Fluorene (C16.55)	9.453	15004127	104.915 ug/ml
9) T Phenanthrene (C19.36)	10.852	15141178	105.308 ug/ml
10) T Anthracene (C19.43)	10.929	14050883	105.566 ug/ml
12) T Fluoranthene (C21.85)	12.669	14846106	105.943 ug/ml
13) T Pyrene (C20.8)	12.967	14684165	105.915 ug/ml
14) T Benzo[a]anthracene (C...	14.838	13181939	106.439 ug/ml
15) T Chrysene (C27.41)	14.887	13333384	106.103 ug/ml
16) T benzo[b]fluoranthene ...	16.393	12901391	105.856 ug/ml
17) T Bnezo[k]fluoranthene ...	16.431	11752195	104.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.775	12308141	104.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	11738329	105.996 ug/ml
20) T Dibenz[a,h]anthracene...	18.181	11303844	101.557 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	11913859	103.219 ug/ml

(f)=RT Delta > 1/2 Window

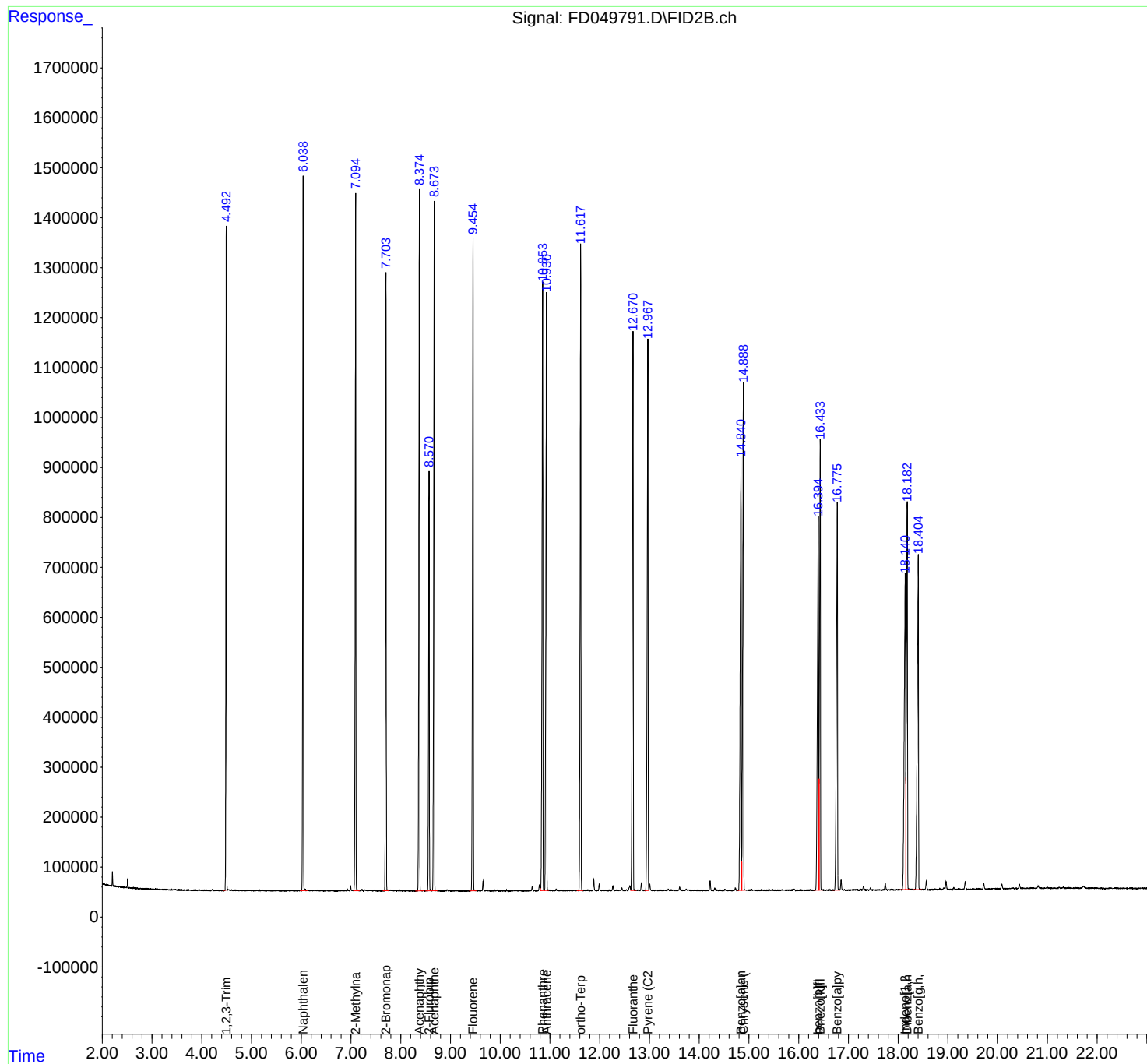
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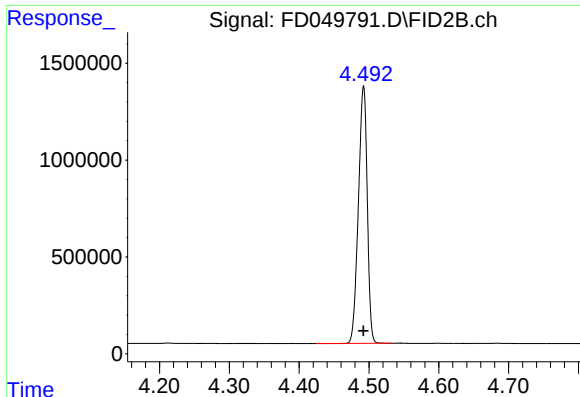
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#1 1,2,3-Trimethylbenzene (C10.1)

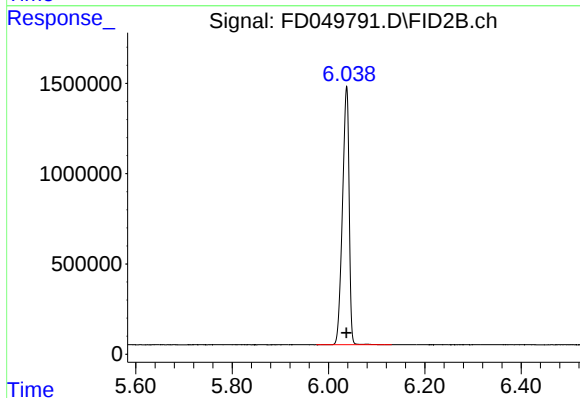
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 11695090
Conc: 105.25 ug/ml

Instrument :

FID_D

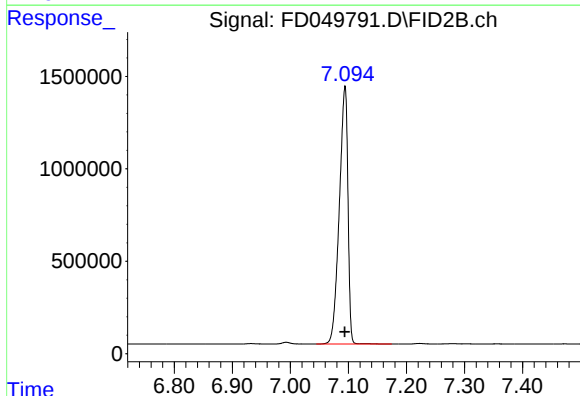
ClientSampleId :

100 PPM AROMATIC HC STD1



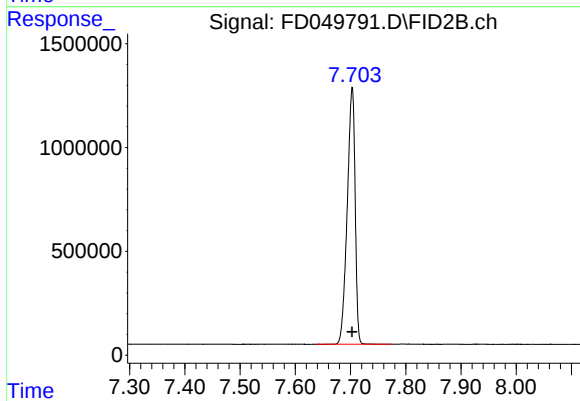
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 13732370
Conc: 105.65 ug/ml



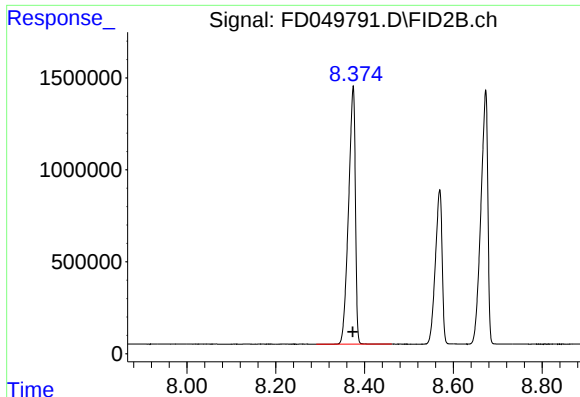
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 14358809
Conc: 105.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 12297466
Conc: 105.28 ug/ml



#5 Acenaphthylene (C15.06)

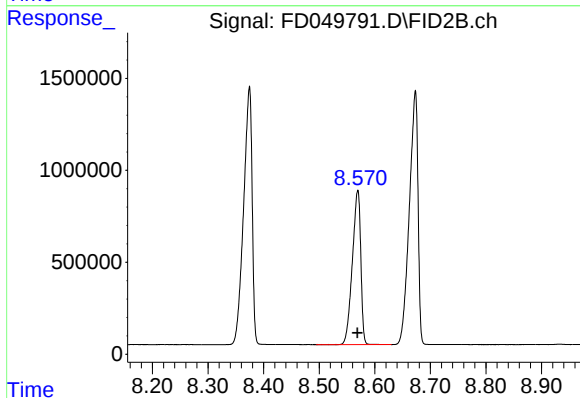
R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 14927854
Conc: 104.73 ug/ml

Instrument :

FID_D

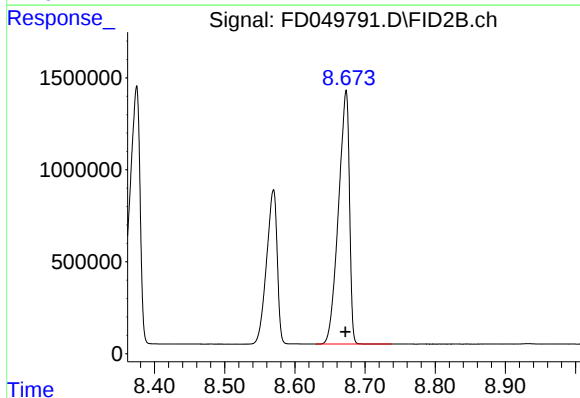
ClientSampleId :

100 PPM AROMATIC HC STD1



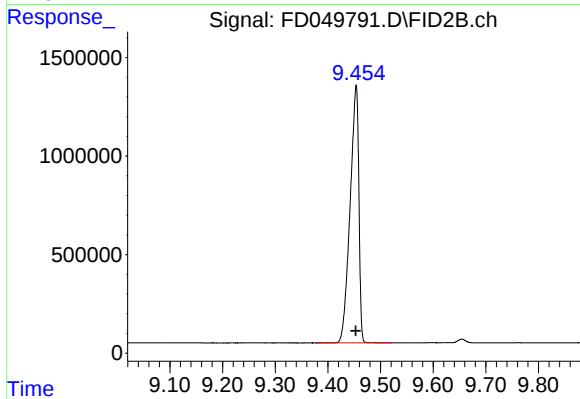
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 8829631
Conc: 105.53 ug/ml



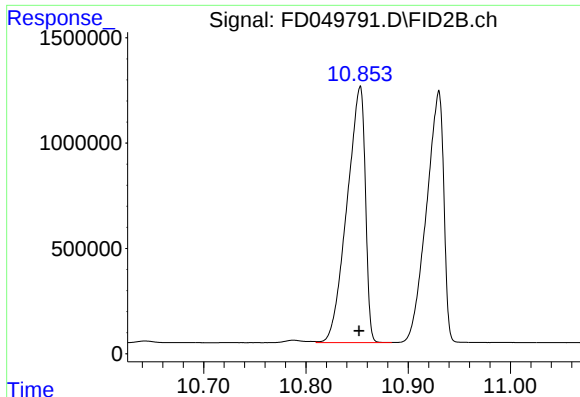
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 14932454
Conc: 104.79 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.000 min
Response: 15004127
Conc: 104.92 ug/ml



#9 Phenanthrene (C19.36)

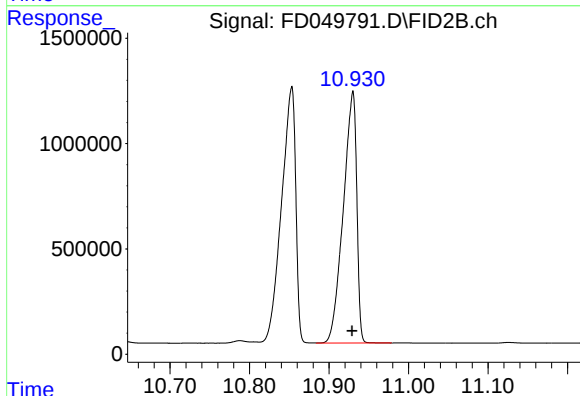
R.T.: 10.852 min
Delta R.T.: 0.000 min
Response: 15141178
Conc: 105.31 ug/ml

Instrument :

FID_D

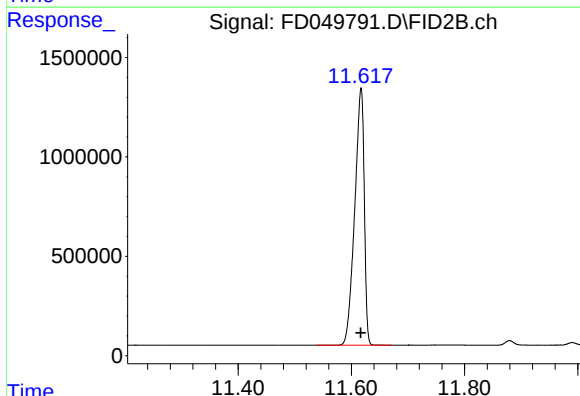
ClientSampleId :

100 PPM AROMATIC HC STD1



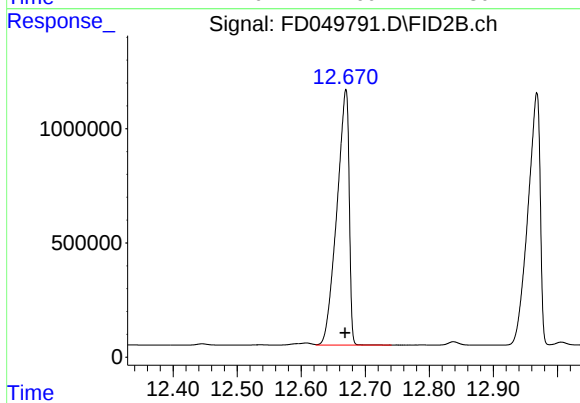
#10 Anthracene (C19.43)

R.T.: 10.929 min
Delta R.T.: 0.000 min
Response: 14050883
Conc: 105.57 ug/ml



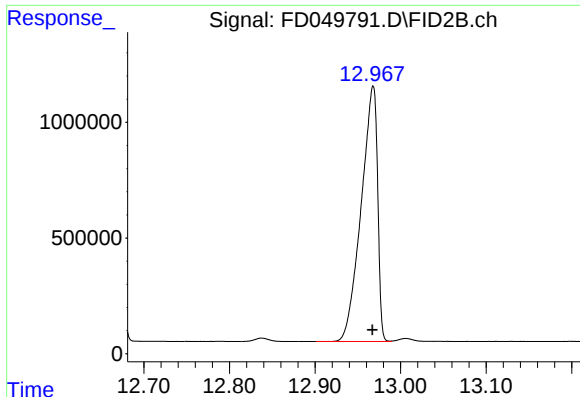
#11 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 15083328
Conc: 104.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 14846106
Conc: 105.94 ug/ml



#13 Pyrene (C20.8)

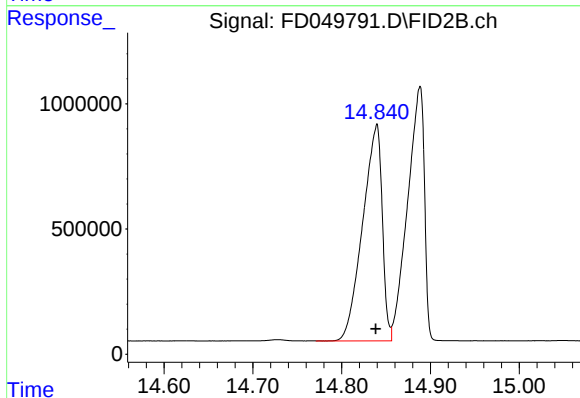
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 14684165
Conc: 105.91 ug/ml

Instrument :

FID_D

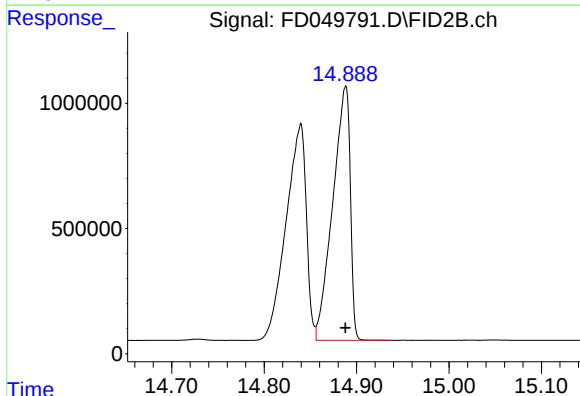
ClientSampleId :

100 PPM AROMATIC HC STD1



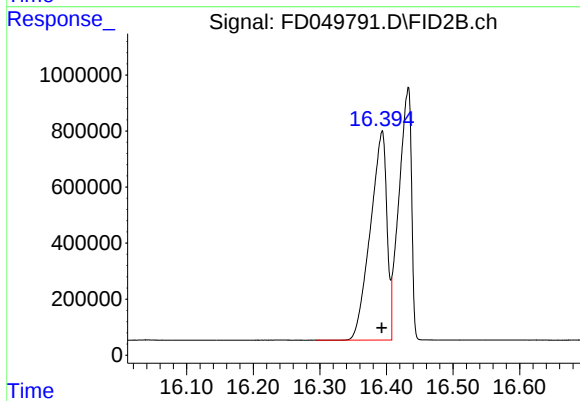
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.838 min
Delta R.T.: 0.000 min
Response: 13181939
Conc: 106.44 ug/ml



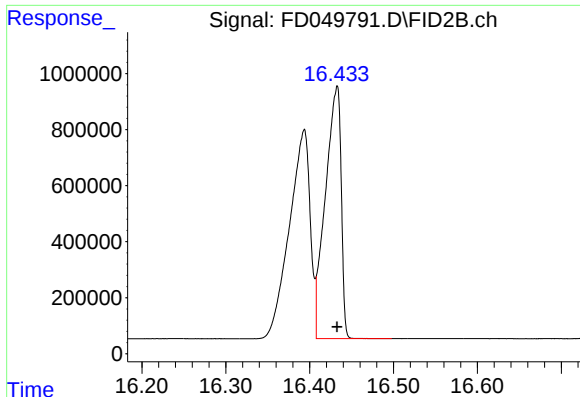
#15 Chrysene (C27.41)

R.T.: 14.887 min
Delta R.T.: -0.001 min
Response: 13333384
Conc: 106.10 ug/ml



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

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 12901391
Conc: 105.86 ug/ml



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

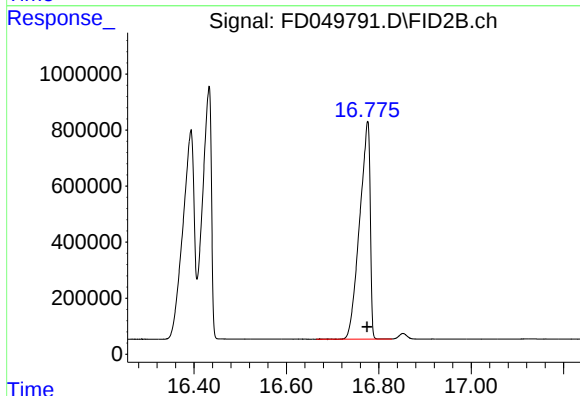
R.T.: 16.431 min
Delta R.T.: -0.001 min
Response: 11752195
Conc: 104.88 ug/ml

Instrument :

FID_D

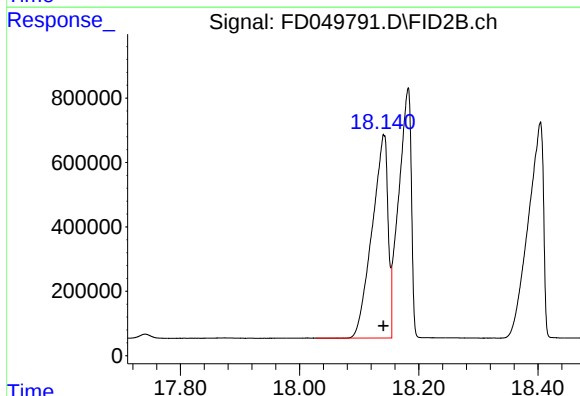
ClientSampleId :

100 PPM AROMATIC HC STD1



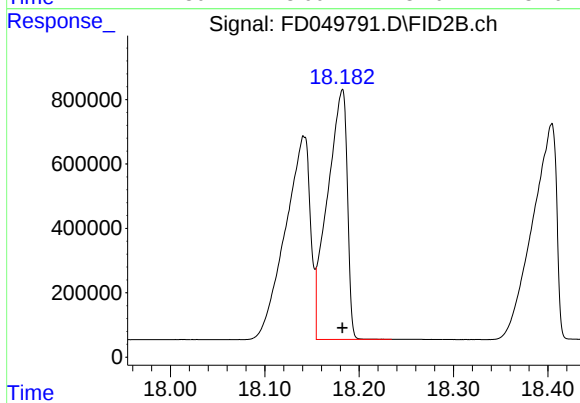
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min
Delta R.T.: 0.000 min
Response: 12308141
Conc: 104.50 ug/ml



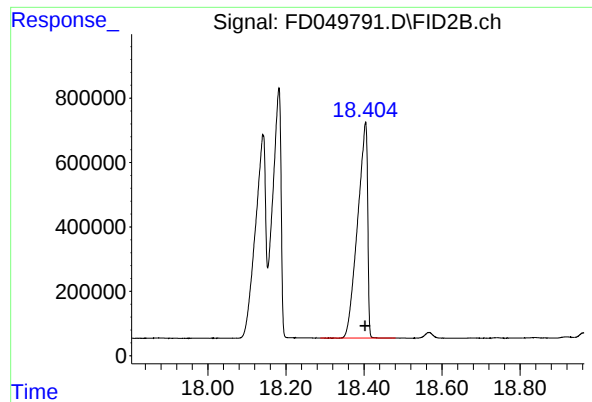
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.141 min
Delta R.T.: 0.000 min
Response: 11738329
Conc: 106.00 ug/ml



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

R.T.: 18.181 min
Delta R.T.: -0.002 min
Response: 11303844
Conc: 101.56 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.000 min
Response: 11913859
Conc: 103.22 ug/ml

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