

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043868.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 11:00
 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: Sep 14 19:32:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:31:02 2022
 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...	7.433	13002809	103.043 ug/ml
Spiked Amount 50.000		Recovery =	206.09%
6) S 2-Fluorobiphenyl (SURR)	8.287	8571999	118.813 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	237.63%#
11) S ortho-Terphenyl (SURR)	11.324	16621926	96.451 ug/ml
Spiked Amount 50.000		Recovery =	192.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	13977835	99.714 ug/ml
2) T Naphthalene (C11.7)	5.773	14625540	106.347 ug/ml
3) T 2-Methylnaphthalene (...)	6.820	15036224	106.818 ug/ml
5) T Acenaphthylene (C15.06)	8.091	14205581	98.661 ug/ml
7) T Acenaphthene (C15.5)	8.386	15147086	94.393 ug/ml
8) T Flouorene (C16.55)	9.166	14547352	103.088 ug/ml
9) T Phenanthrene (C19.36)	10.557	14395338	104.346 ug/ml
10) T Anthracene (C19.43)	10.634	14443623	102.848 ug/ml
12) T Fluoranthene (C21.85)	12.364	14382053	99.606 ug/ml
13) T Pyrene (C20.8)	12.659	13946704	98.200 ug/ml
14) T Benzo[a]anthracene (C...	14.525	12578890	112.115 ug/ml
15) T Chrysene (C27.41)	14.571	13599914	93.707 ug/ml
16) T benzo[b]fluoranthene ...	16.071	12359605	109.332 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	12595224	92.023 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	11847229	102.078 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	10845965	121.051 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	11036495	93.139 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	11073953	102.406 ug/ml

(f)=RT Delta > 1/2 Window

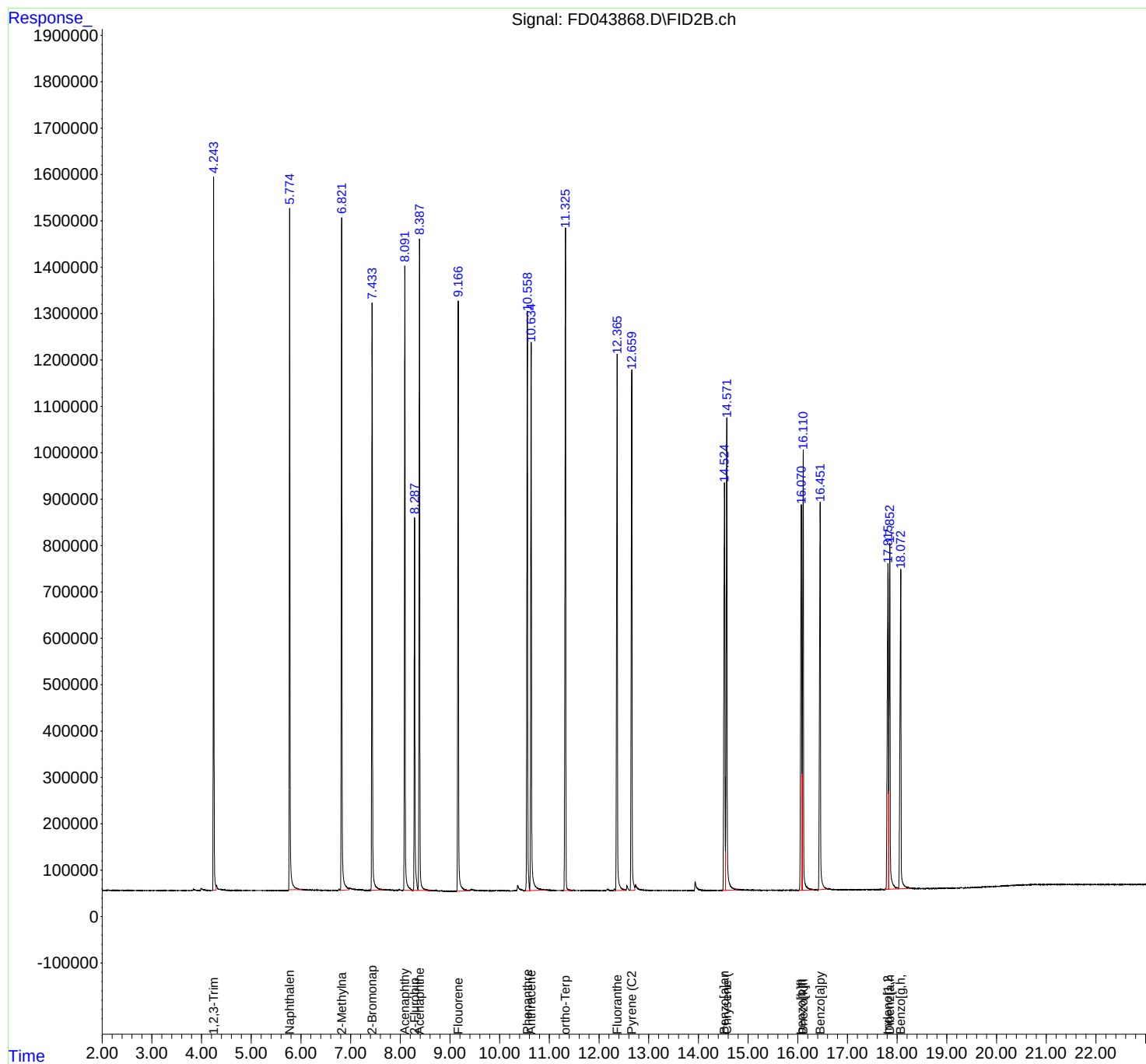
(m)=manual int.

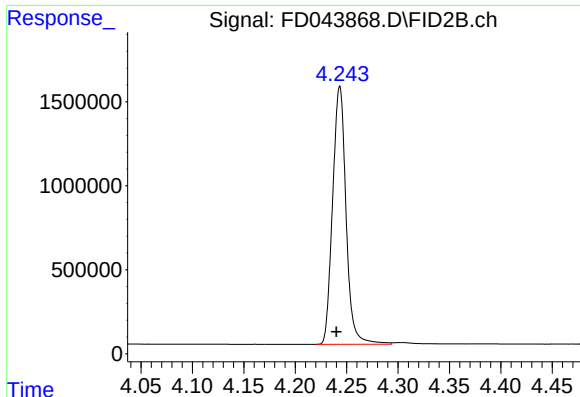
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#1 1,2,3-Trimethylbenzene (C10.1)

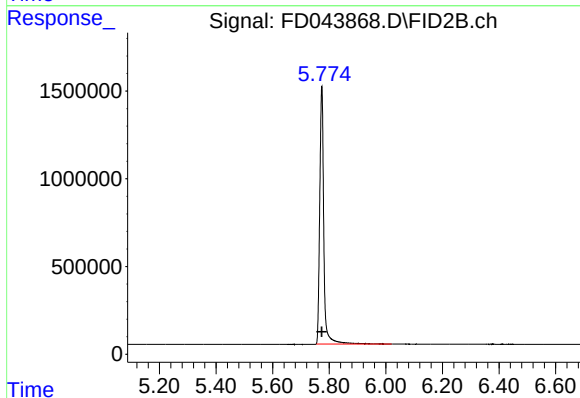
R.T.: 4.243 min
Delta R.T.: 0.003 min
Response: 13977835
Conc: 99.71 ug/ml

Instrument :

FID_D

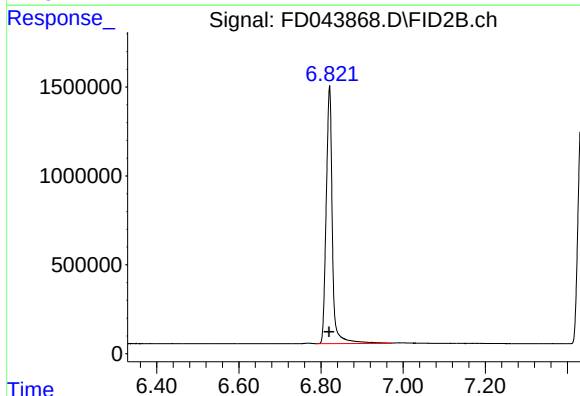
ClientSampleId :

100 PPM AROMATIC HC STD1



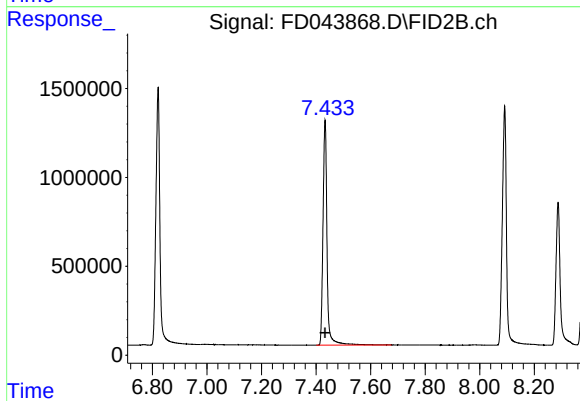
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 14625540
Conc: 106.35 ug/ml



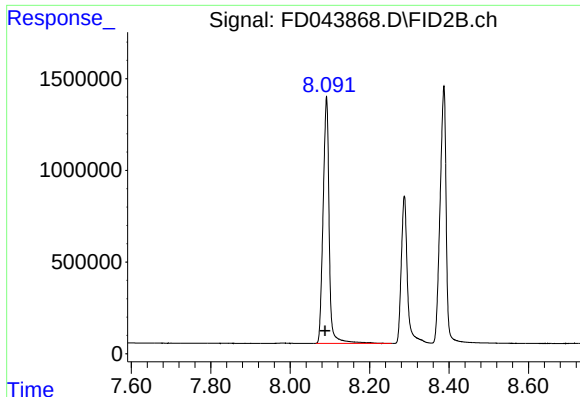
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.820 min
Delta R.T.: 0.001 min
Response: 15036224
Conc: 106.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 13002809
Conc: 103.04 ug/ml



#5 Acenaphthylene (C15.06)

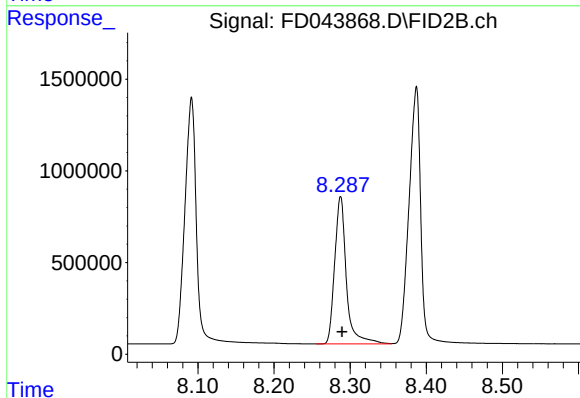
R.T.: 8.091 min
Delta R.T.: 0.004 min
Response: 14205581
Conc: 98.66 ug/ml

Instrument :

FID_D

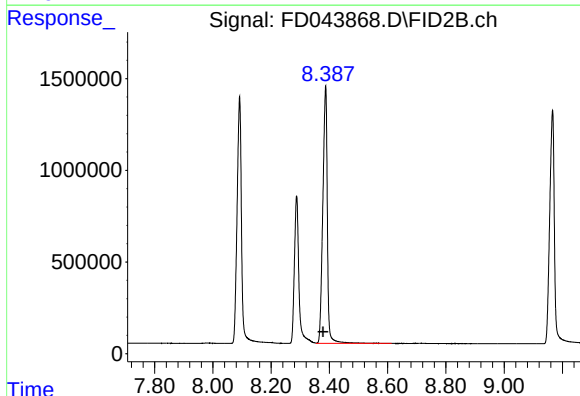
ClientSampleId :

100 PPM AROMATIC HC STD1



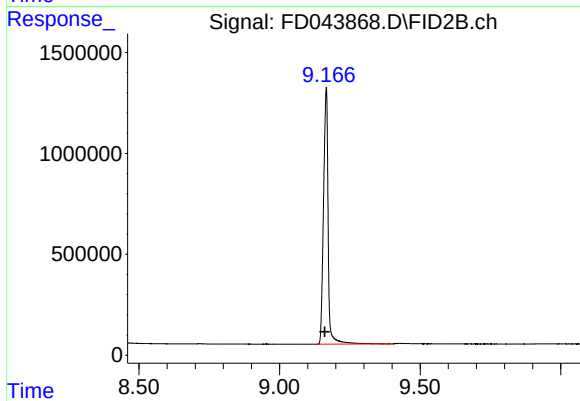
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.287 min
Delta R.T.: -0.002 min
Response: 8571999
Conc: 118.81 ug/ml



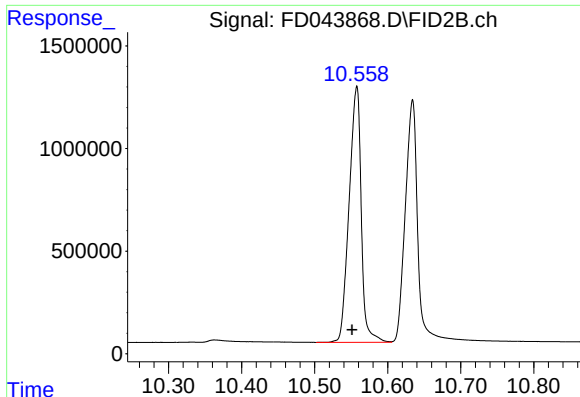
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: 0.008 min
Response: 15147086
Conc: 94.39 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.166 min
Delta R.T.: 0.005 min
Response: 14547352
Conc: 103.09 ug/ml



#9 Phenanthrene (C19.36)

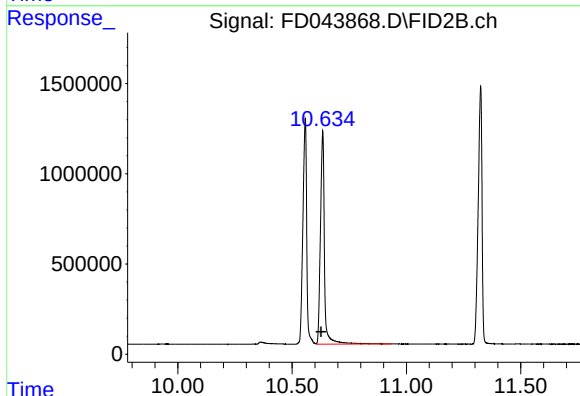
R.T.: 10.557 min
Delta R.T.: 0.006 min
Response: 14395338
Conc: 104.35 ug/ml

Instrument :

FID_D

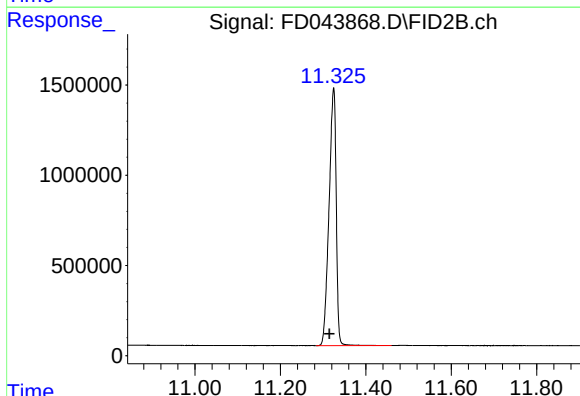
ClientSampleId :

100 PPM AROMATIC HC STD1



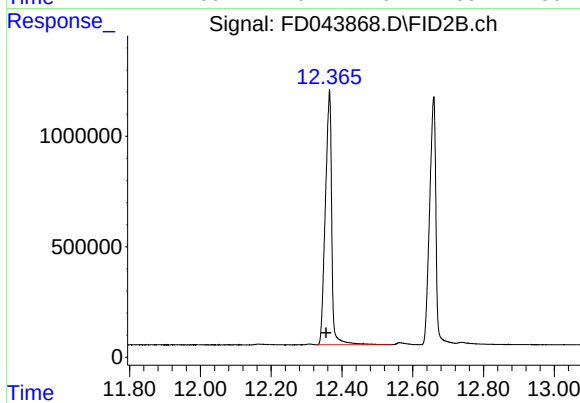
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: 0.006 min
Response: 14443623
Conc: 102.85 ug/ml



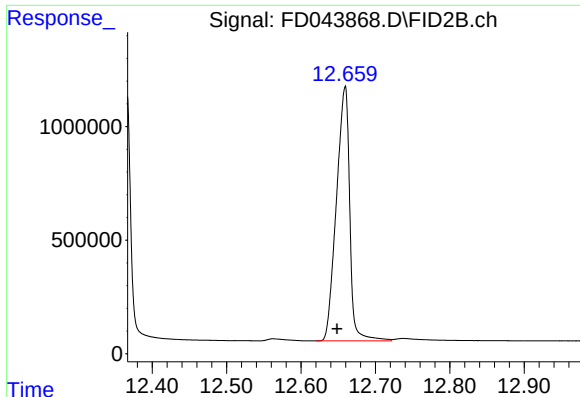
#11 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: 0.009 min
Response: 16621926
Conc: 96.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.364 min
Delta R.T.: 0.009 min
Response: 14382053
Conc: 99.61 ug/ml



#13 Pyrene (C20.8)

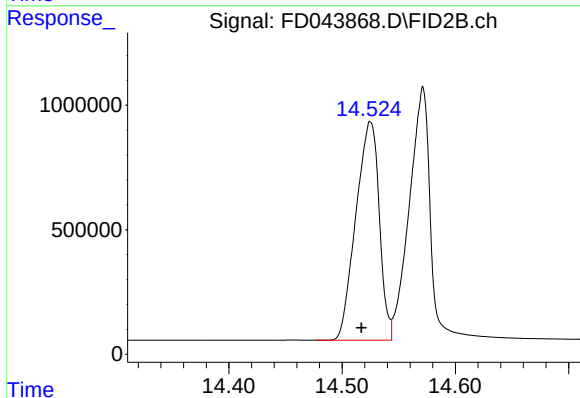
R.T.: 12.659 min
Delta R.T.: 0.010 min
Response: 13946704
Conc: 98.20 ug/ml

Instrument :

FID_D

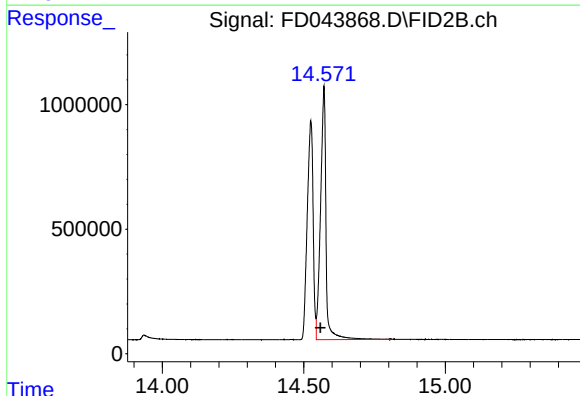
ClientSampleId :

100 PPM AROMATIC HC STD1



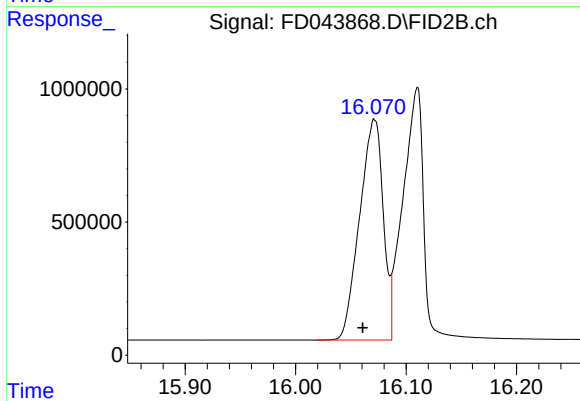
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: 0.008 min
Response: 12578890
Conc: 112.12 ug/ml



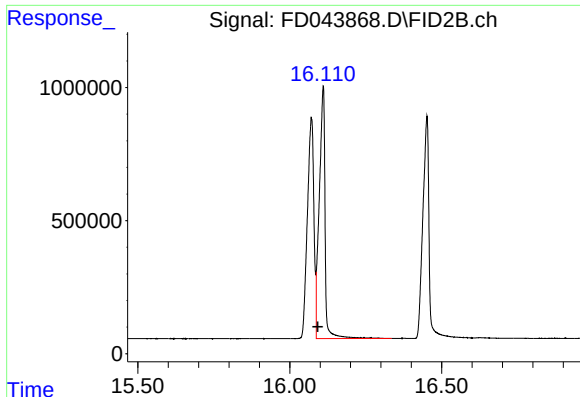
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: 0.012 min
Response: 13599914
Conc: 93.71 ug/ml



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

R.T.: 16.071 min
Delta R.T.: 0.010 min
Response: 12359605
Conc: 109.33 ug/ml



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

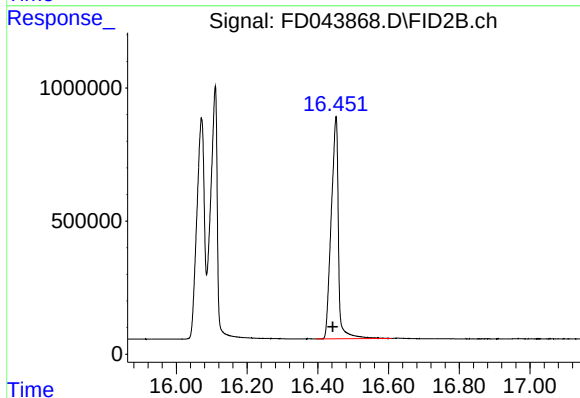
R.T.: 16.109 min
Delta R.T.: 0.017 min
Response: 12595224
Conc: 92.02 ug/ml

Instrument :

FID_D

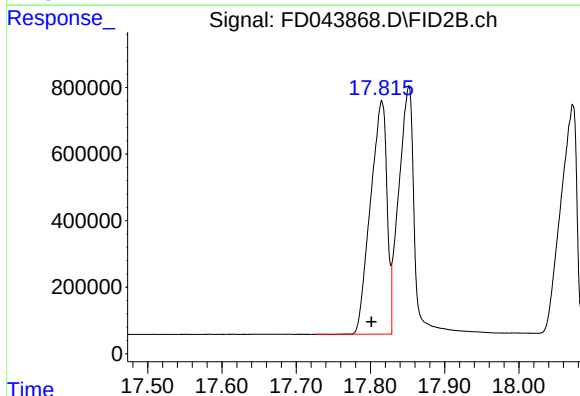
ClientSampleId :

100 PPM AROMATIC HC STD1



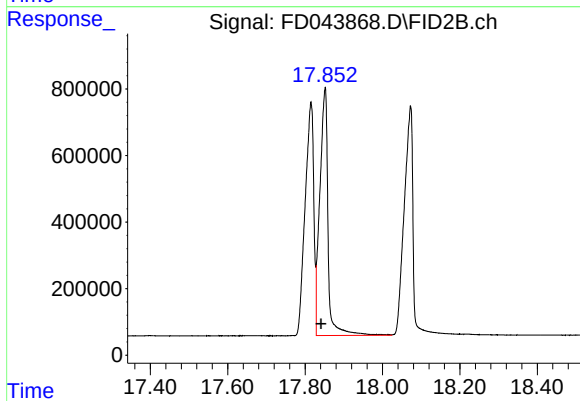
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: 0.009 min
Response: 11847229
Conc: 102.08 ug/ml



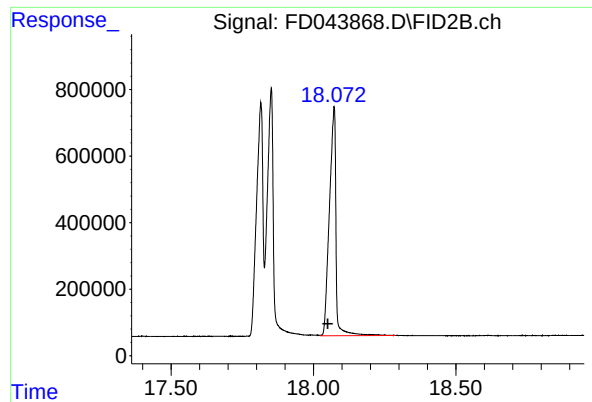
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.815 min
Delta R.T.: 0.013 min
Response: 10845965
Conc: 121.05 ug/ml



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

R.T.: 17.851 min
Delta R.T.: 0.010 min
Response: 11036495
Conc: 93.14 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.021 min
Response: 11073953
Conc: 102.41 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1