

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071524AR\
 Data File : FD047994.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2024 10:02
 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 12:35:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 12:29:11 2024
 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...	7.415	13766124	95.563 ug/ml
Spiked Amount 50.000		Recovery =	191.13%
6) S 2-Fluorobiphenyl (SURR)	8.267	9217766	97.229 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.46%#
11) S ortho-Terphenyl (SURR)	11.307	15501458	95.489 ug/ml
Spiked Amount 50.000		Recovery =	190.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	15484909	95.439 ug/ml
2) T Naphthalene (C11.7)	5.754	16162044	95.410 ug/ml
3) T 2-Methylnaphthalene (...)	6.803	16215659	95.772 ug/ml
5) T Acenaphthylene (C15.06)	8.072	15858084	95.492 ug/ml
7) T Acenaphthene (C15.5)	8.368	15868167	94.897 ug/ml
8) T Flouorene (C16.55)	9.146	15443438	96.249 ug/ml
9) T Phenanthrene (C19.36)	10.535	15269826	96.892 ug/ml
10) T Anthracene (C19.43)	10.612	14891563	96.196 ug/ml
12) T Fluoranthene (C21.85)	12.343	15077424	96.369 ug/ml
13) T Pyrene (C20.8)	12.636	14979858	96.629 ug/ml
14) T Benzo[a]anthracene (C...	14.506	14019991	98.869 ug/ml
15) T Chrysene (C27.41)	14.552	14392616	94.675 ug/ml
16) T benzo[b]fluoranthene ...	16.055	14385614	98.303 ug/ml
17) T Bnezo[k]fluoranthene ...	16.094	13368194	95.464 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	13899906	97.278 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.799	12738656	105.124 ug/ml
20) T Dibenz[a,h]anthracene...	17.839	12618999	91.398 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	13749286	96.496 ug/ml

(f)=RT Delta > 1/2 Window

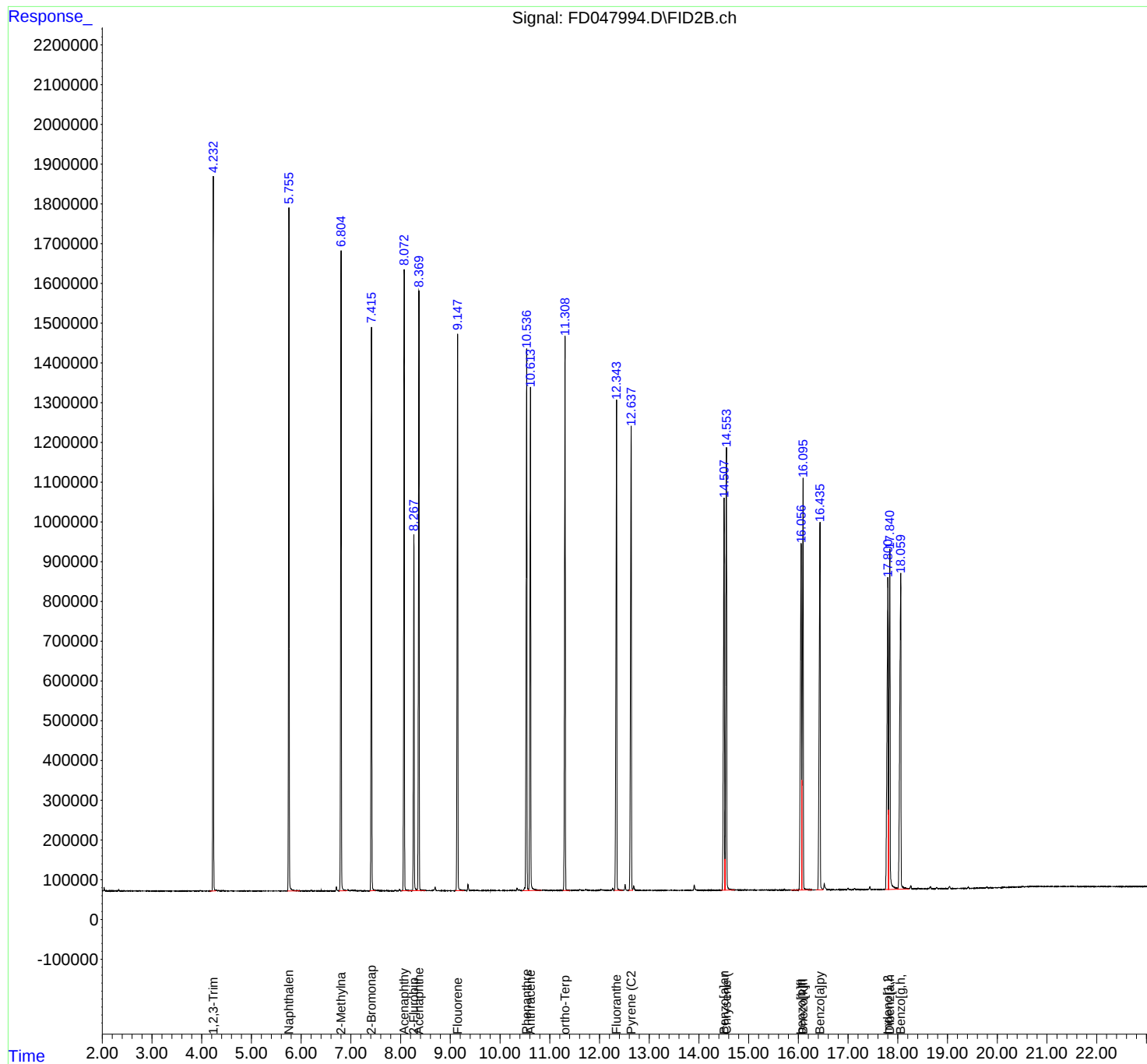
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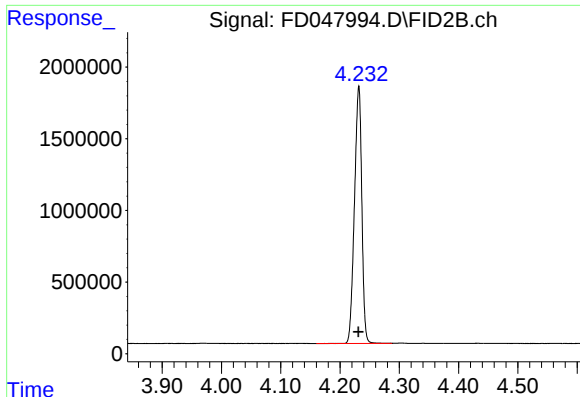
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#1 1,2,3-Trimethylbenzene (C10.1)

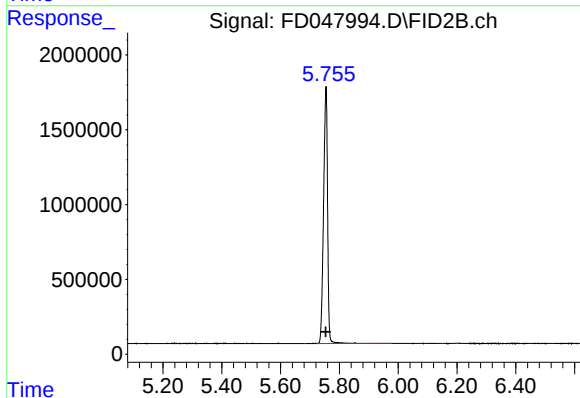
R.T.: 4.231 min
Delta R.T.: 0.000 min
Response: 15484909
Conc: 95.44 ug/ml

Instrument :

FID_D

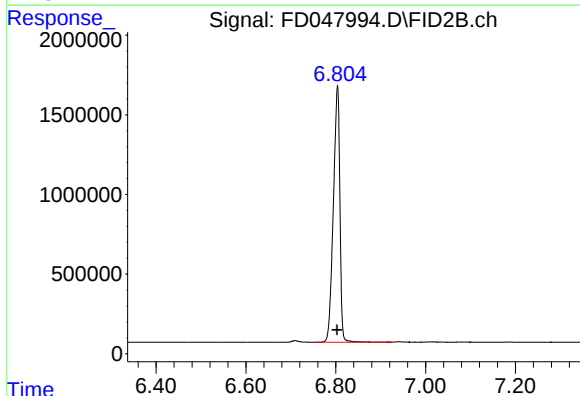
ClientSampleId :

100 PPM AROMATIC HC STD1



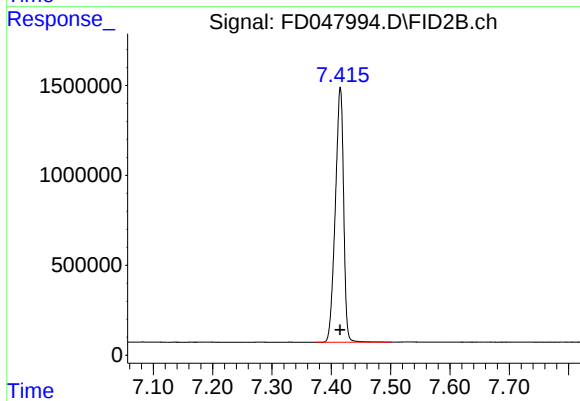
#2 Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 16162044
Conc: 95.41 ug/ml



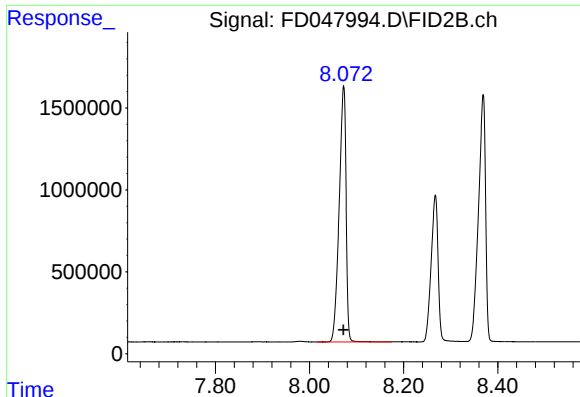
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 16215659
Conc: 95.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 13766124
Conc: 95.56 ug/ml



#5 Acenaphthylene (C15.06)

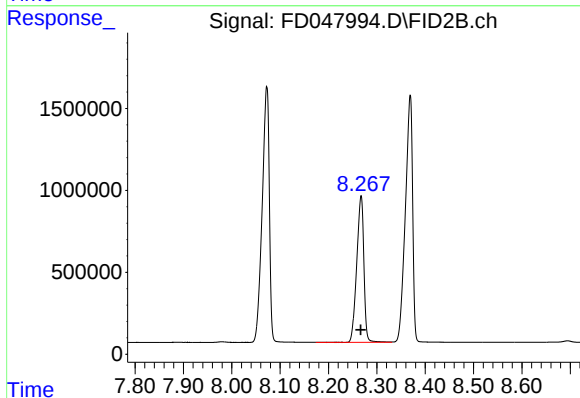
R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 15858084
Conc: 95.49 ug/ml

Instrument :

FID_D

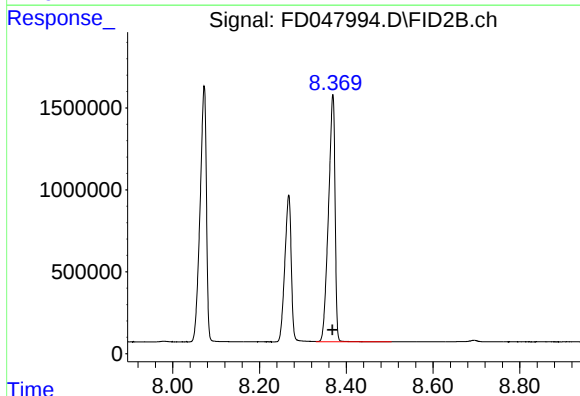
ClientSampleId :

100 PPM AROMATIC HC STD1



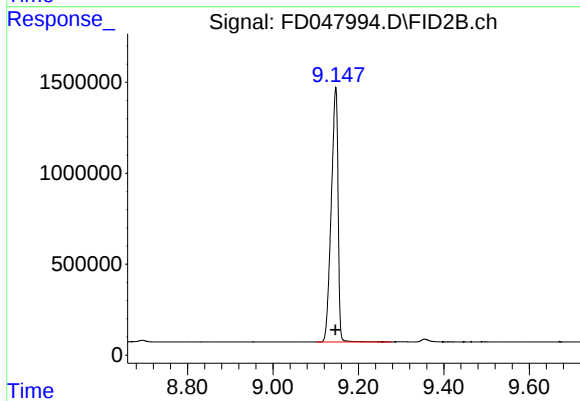
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 9217766
Conc: 97.23 ug/ml



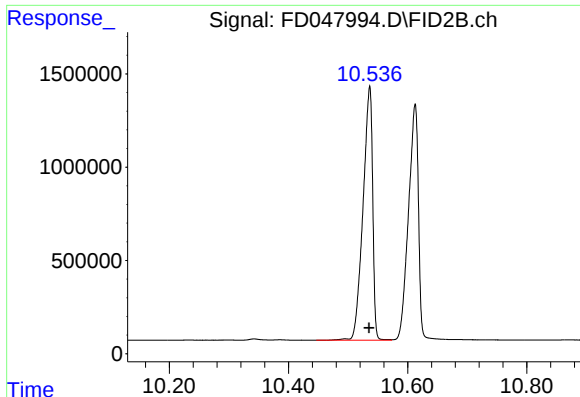
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 15868167
Conc: 94.90 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 15443438
Conc: 96.25 ug/ml



#9 Phenanthrene (C19.36)

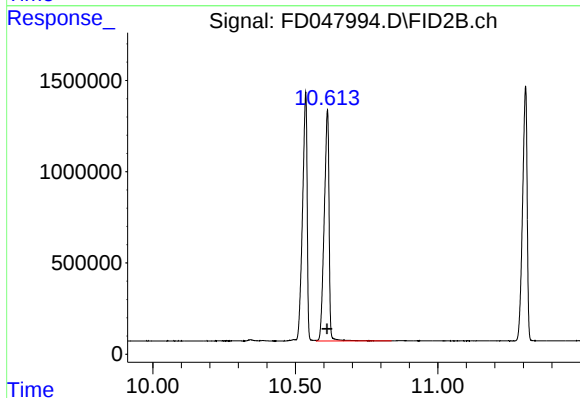
R.T.: 10.535 min
Delta R.T.: 0.000 min
Response: 15269826
Conc: 96.89 ug/ml

Instrument :

FID_D

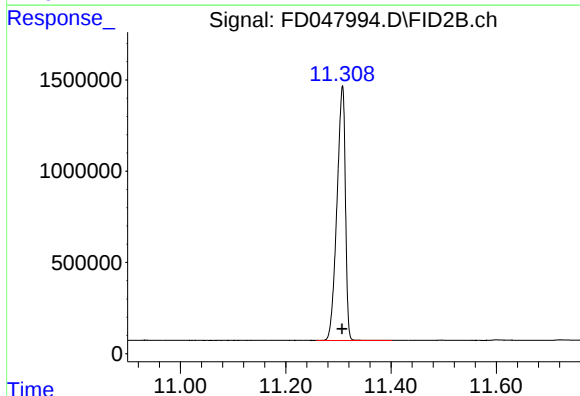
ClientSampleId :

100 PPM AROMATIC HC STD1



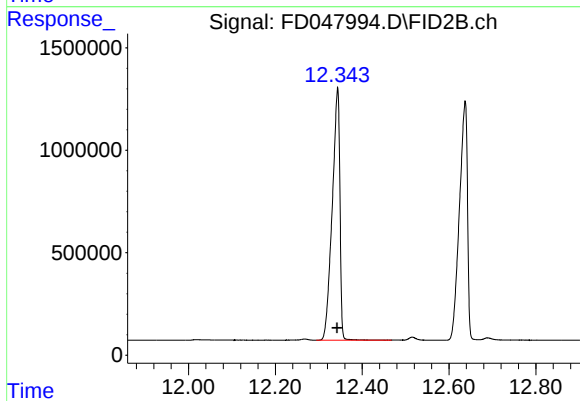
#10 Anthracene (C19.43)

R.T.: 10.612 min
Delta R.T.: 0.000 min
Response: 14891563
Conc: 96.20 ug/ml



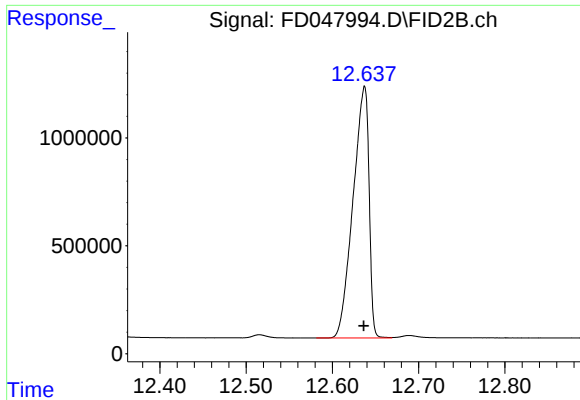
#11 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: 0.000 min
Response: 15501458
Conc: 95.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.343 min
Delta R.T.: 0.000 min
Response: 15077424
Conc: 96.37 ug/ml



#13 Pyrene (C20.8)

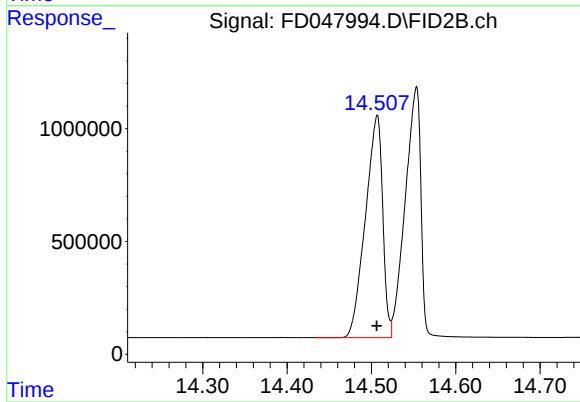
R.T.: 12.636 min
Delta R.T.: 0.000 min
Response: 14979858
Conc: 96.63 ug/ml

Instrument :

FID_D

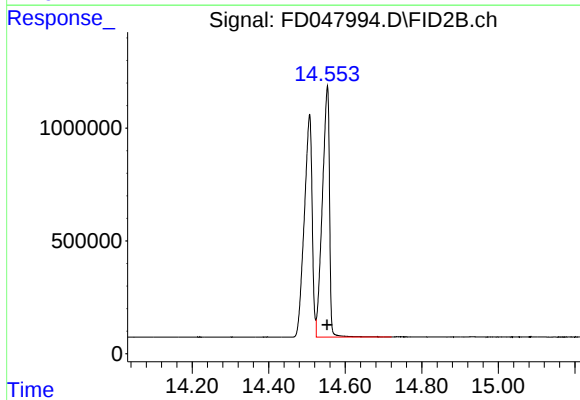
ClientSampleId :

100 PPM AROMATIC HC STD1



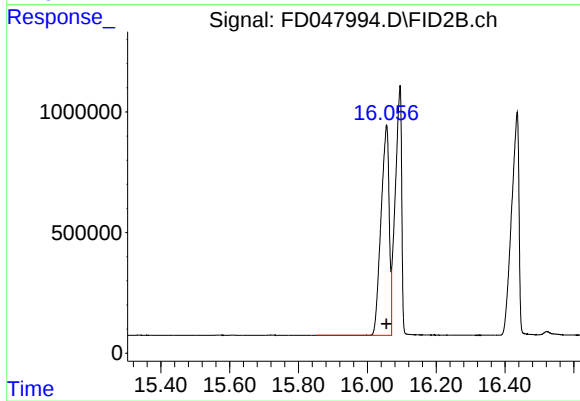
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.506 min
Delta R.T.: 0.000 min
Response: 14019991
Conc: 98.87 ug/ml



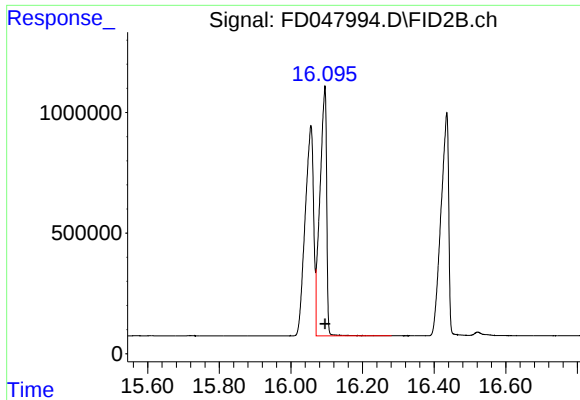
#15 Chrysene (C27.41)

R.T.: 14.552 min
Delta R.T.: 0.000 min
Response: 14392616
Conc: 94.68 ug/ml



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

R.T.: 16.055 min
Delta R.T.: 0.000 min
Response: 14385614
Conc: 98.30 ug/ml



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

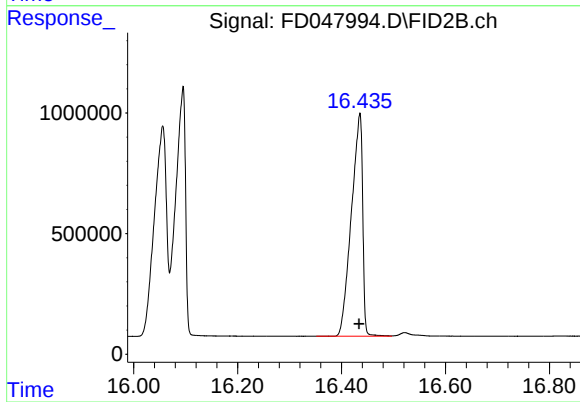
R.T.: 16.094 min
Delta R.T.: -0.002 min
Response: 13368194
Conc: 95.46 ug/ml

Instrument :

FID_D

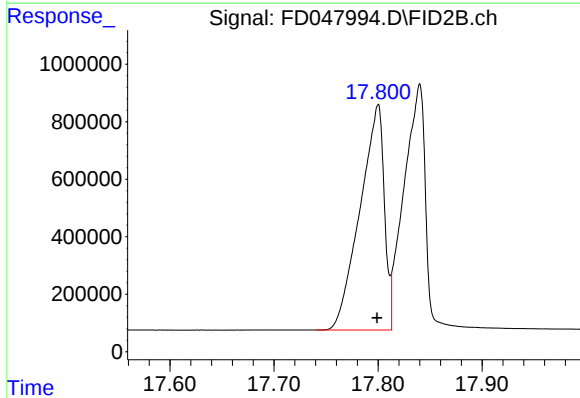
ClientSampleId :

100 PPM AROMATIC HC STD1



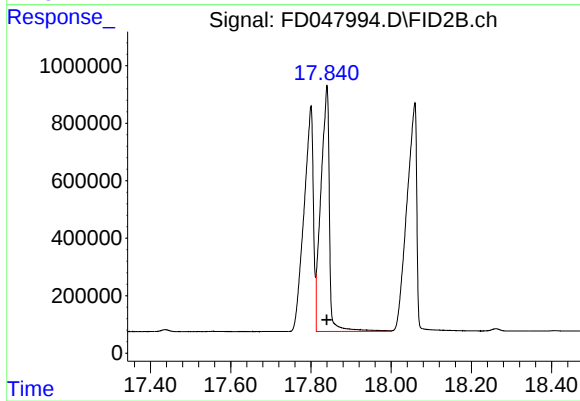
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: 0.000 min
Response: 13899906
Conc: 97.28 ug/ml



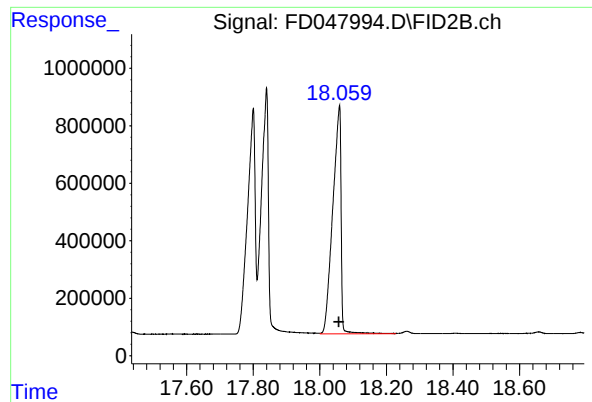
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min
Delta R.T.: 0.000 min
Response: 12738656
Conc: 105.12 ug/ml



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

R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 12618999
Conc: 91.40 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 13749286
Conc: 96.50 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1