

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048221.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 12:40
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 12 16:10:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:01:19 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...	7.402	14274731	99.485 ug/ml
Spiked Amount 50.000		Recovery =	198.97%
6) S 2-Fluorobiphenyl (SURR)	8.254	9524949	100.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.75%#
11) S ortho-Terphenyl (SURR)	11.294	15963565	99.358 ug/ml
Spiked Amount 50.000		Recovery =	198.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	16124358	99.049 ug/ml
2) T Naphthalene (C11.7)	5.742	16731946	99.616 ug/ml
3) T 2-Methylnaphthalene (...)	6.791	16773360	99.785 ug/ml
5) T Acenaphthylene (C15.06)	8.059	16358702	99.328 ug/ml
7) T Acenaphthene (C15.5)	8.356	16407948	98.879 ug/ml
8) T Fluorene (C16.55)	9.134	15967773	99.849 ug/ml
9) T Phenanthrene (C19.36)	10.522	15668131	100.851 ug/ml
10) T Anthracene (C19.43)	10.598	15180694	100.794 ug/ml
12) T Fluoranthene (C21.85)	12.329	15368834	99.904 ug/ml
13) T Pyrene (C20.8)	12.623	15231930	99.940 ug/ml
14) T Benzo[a]anthracene (C...	14.492	14320528	101.562 ug/ml
15) T Chrysene (C27.41)	14.538	14634148	97.818 ug/ml
16) T benzo[b]fluoranthene ...	16.042	14720469	100.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	13663955	99.424 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.420	14336357	99.572 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.784	13536854	106.160 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	13505402	96.498 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	14246348	98.721 ug/ml

(f)=RT Delta > 1/2 Window

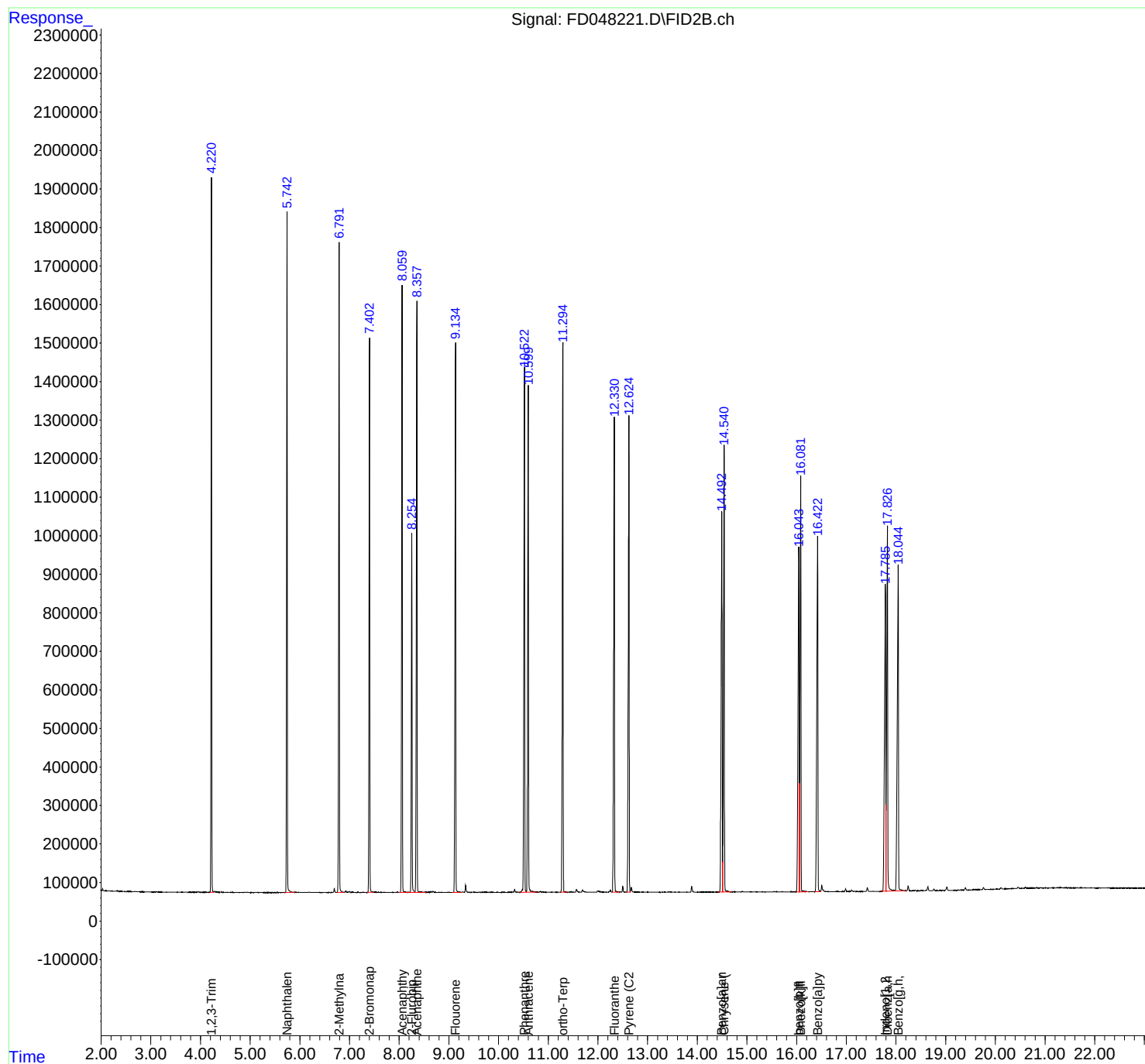
(m)=manual int.

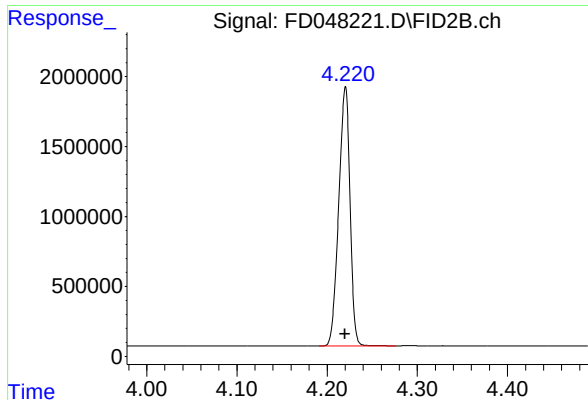
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#1 1,2,3-Trimethylbenzene (C10.1)

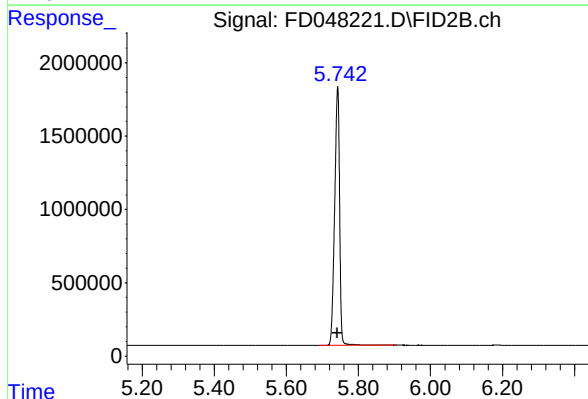
R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 16124358
Conc: 99.05 ug/ml

Instrument :

FID_D

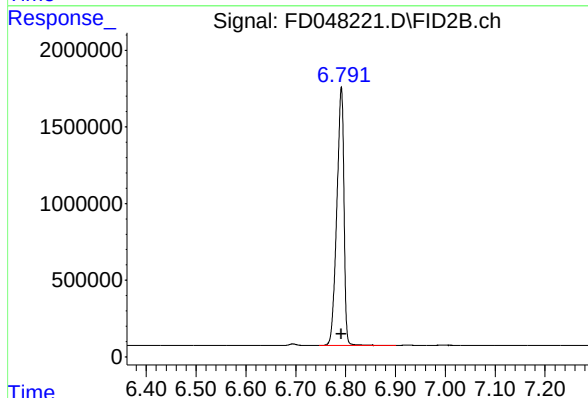
ClientSampleId :

100 PPM AROMATIC HC STD1



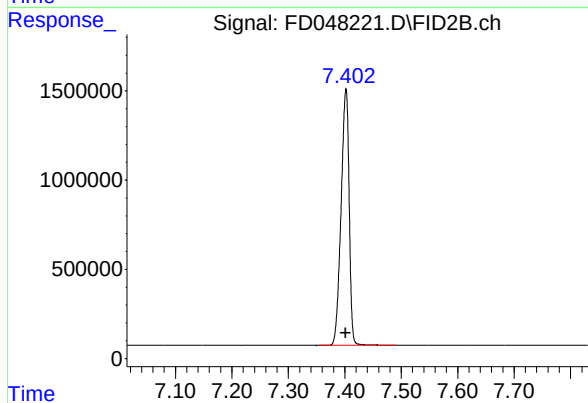
#2 Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 16731946
Conc: 99.62 ug/ml



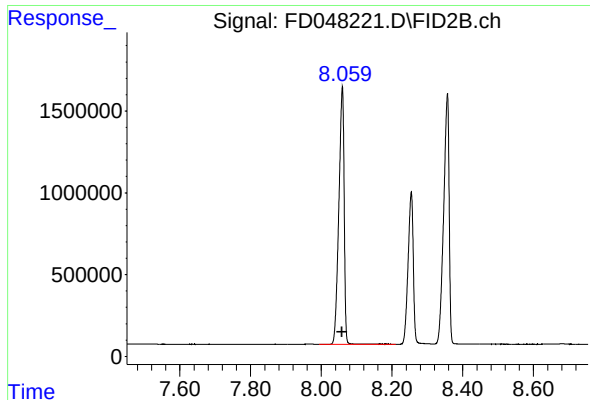
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 16773360
Conc: 99.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 14274731
Conc: 99.48 ug/ml



#5 Acenaphthylene (C15.06)

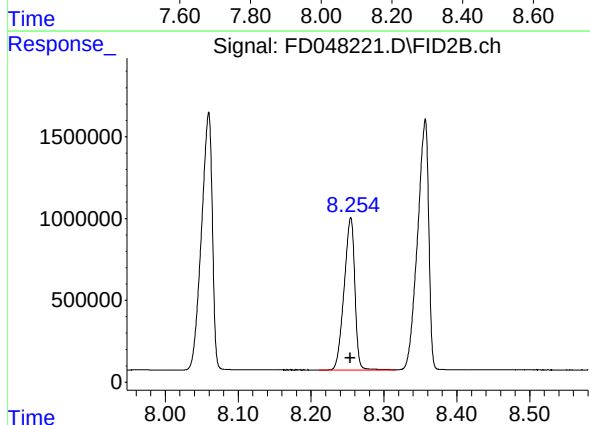
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 16358702
Conc: 99.33 ug/ml

Instrument :

FID_D

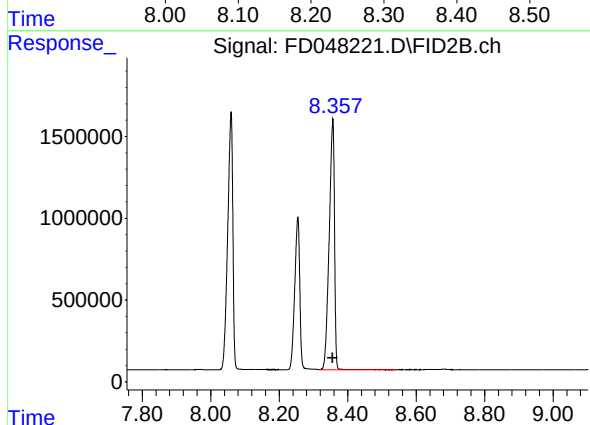
ClientSampleId :

100 PPM AROMATIC HC STD1



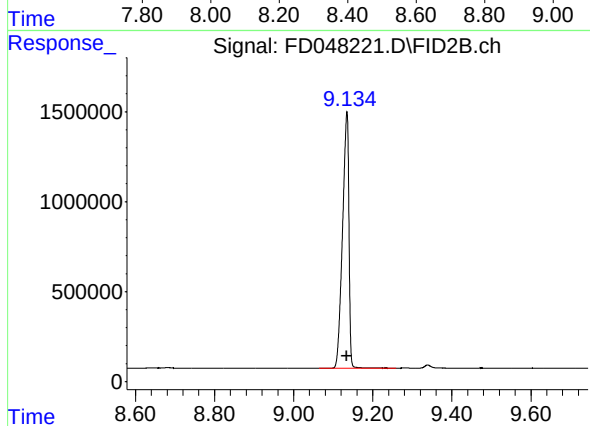
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 9524949
Conc: 100.88 ug/ml



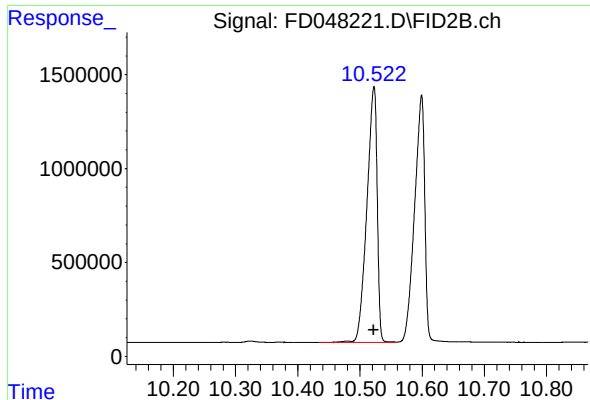
#7 Acenaphthene (C15.5)

R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 16407948
Conc: 98.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.134 min
Delta R.T.: 0.000 min
Response: 15967773
Conc: 99.85 ug/ml



#9 Phenanthrene (C19.36)

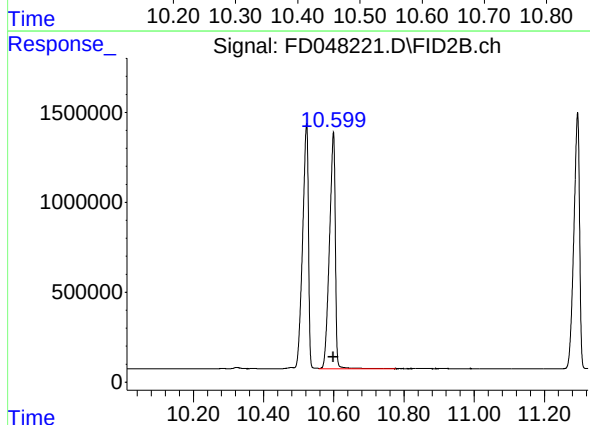
R.T.: 10.522 min
Delta R.T.: 0.000 min
Response: 15668131
Conc: 100.85 ug/ml

Instrument :

FID_D

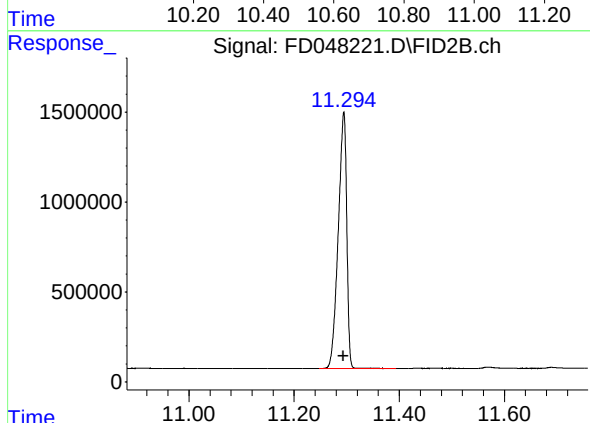
ClientSampleId :

100 PPM AROMATIC HC STD1



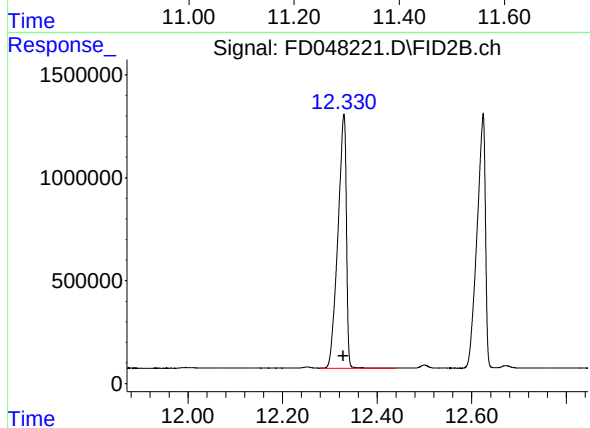
#10 Anthracene (C19.43)

R.T.: 10.598 min
Delta R.T.: 0.000 min
Response: 15180694
Conc: 100.79 ug/ml



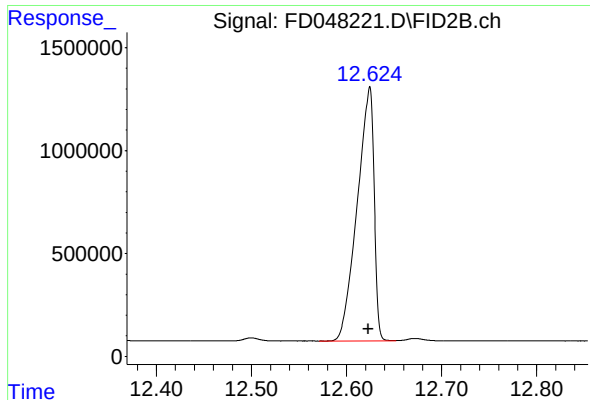
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: 0.000 min
Response: 15963565
Conc: 99.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.329 min
Delta R.T.: 0.000 min
Response: 15368834
Conc: 99.90 ug/ml



#13 Pyrene (C20.8)

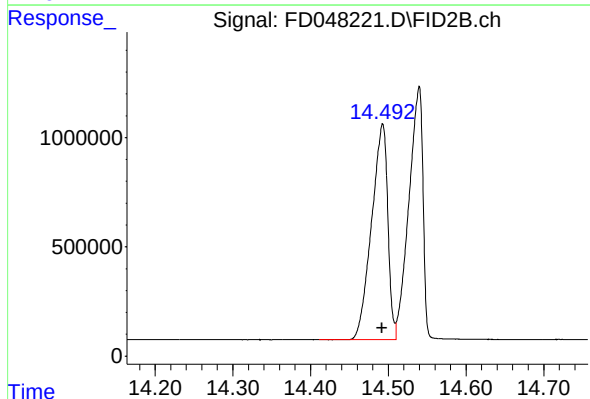
R.T.: 12.623 min
Delta R.T.: 0.000 min
Response: 15231930
Conc: 99.94 ug/ml

Instrument :

FID_D

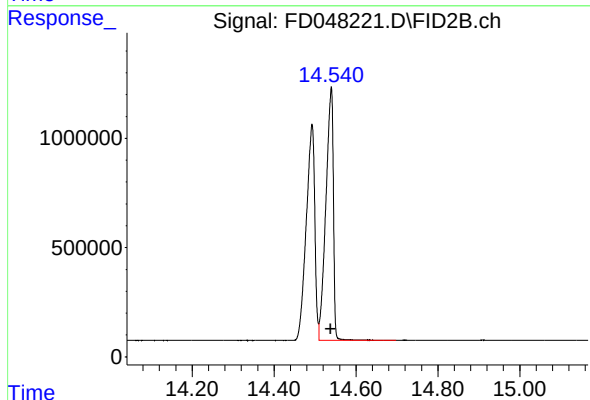
ClientSampleId :

100 PPM AROMATIC HC STD1



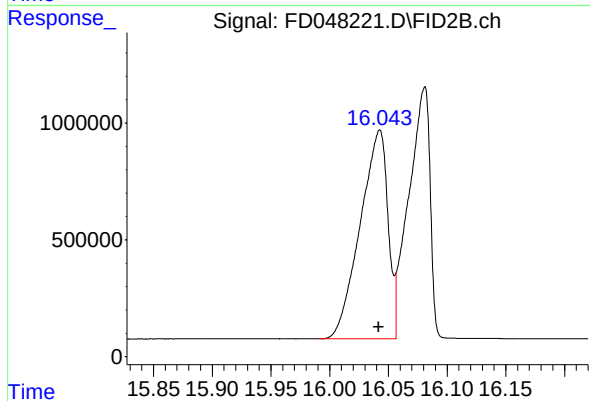
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 14320528
Conc: 101.56 ug/ml



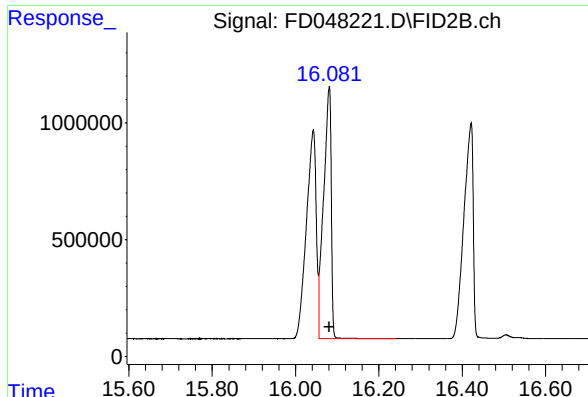
#15 Chrysene (C27.41)

R.T.: 14.538 min
Delta R.T.: 0.000 min
Response: 14634148
Conc: 97.82 ug/ml



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

R.T.: 16.042 min
Delta R.T.: 0.000 min
Response: 14720469
Conc: 100.59 ug/ml



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

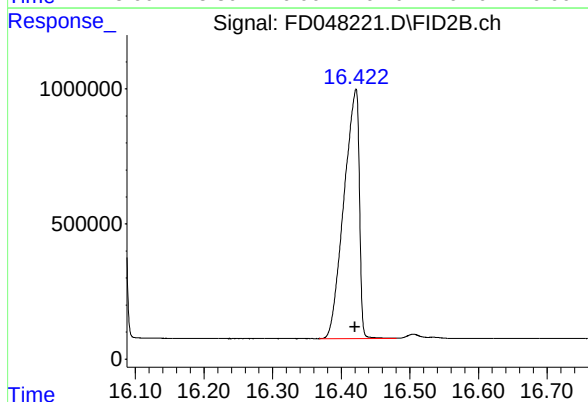
R.T.: 16.080 min
Delta R.T.: -0.001 min
Response: 13663955
Conc: 99.42 ug/ml

Instrument :

FID_D

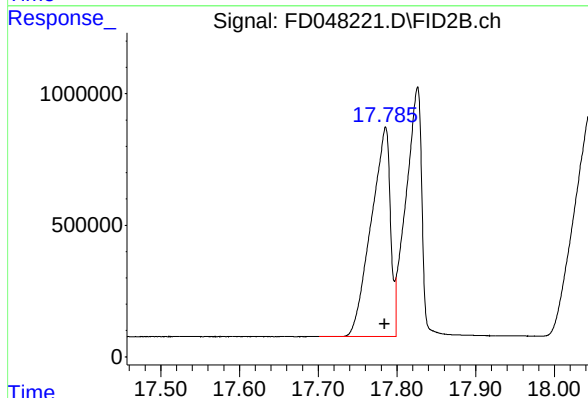
ClientSampleId :

100 PPM AROMATIC HC STD1



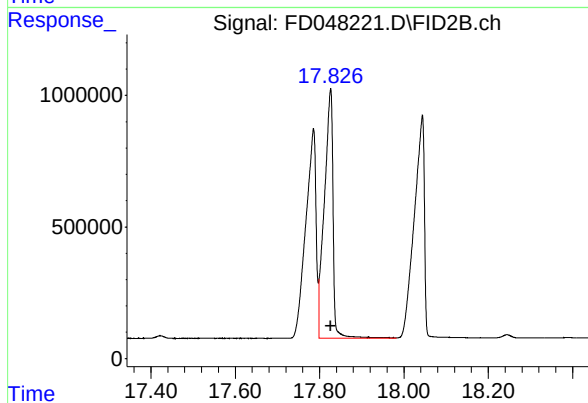
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.420 min
Delta R.T.: 0.000 min
Response: 14336357
Conc: 99.57 ug/ml



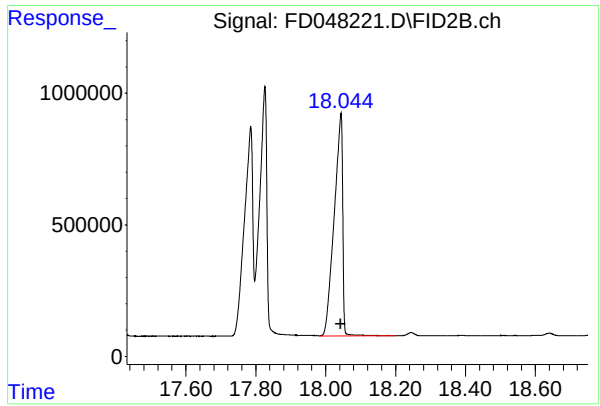
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.784 min
Delta R.T.: 0.000 min
Response: 13536854
Conc: 106.16 ug/ml



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

R.T.: 17.825 min
Delta R.T.: -0.001 min
Response: 13505402
Conc: 96.50 ug/ml



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

R.T.: 18.042 min

Delta R.T.: 0.000 min

Response: 14246348

Conc: 98.72 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1