

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111424AR\
 Data File : FD048729.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 10:39
 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: Nov 14 12:42:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 12:40:13 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...	7.373	16279710	96.638 ug/ml
Spiked Amount 50.000		Recovery =	193.28%
6) S 2-Fluorobiphenyl (SURR)	8.224	10978429	98.038 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.08%#
11) S ortho-Terphenyl (SURR)	11.261	17593385	96.618 ug/ml
Spiked Amount 50.000		Recovery =	193.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	17620031	97.215 ug/ml
2) T Naphthalene (C11.7)	5.713	18349853	97.281 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	17920924	97.298 ug/ml
5) T Acenaphthylene (C15.06)	8.028	18165782	97.718 ug/ml
7) T Acenaphthene (C15.5)	8.324	17712560	96.795 ug/ml
8) T Fluorene (C16.55)	9.102	17936029	97.266 ug/ml
9) T Phenanthrene (C19.36)	10.490	17155776	97.334 ug/ml
10) T Anthracene (C19.43)	10.567	17179222	96.460 ug/ml
12) T Fluoranthene (C21.85)	12.296	16826726	96.772 ug/ml
13) T Pyrene (C20.8)	12.590	16685708	97.181 ug/ml
14) T Benzo[a]anthracene (C...	14.460	15682702	97.315 ug/ml
15) T Chrysene (C27.41)	14.507	15579339	95.080 ug/ml
16) T benzo[b]fluoranthene ...	16.009	14749238	96.630 ug/ml
17) T Bnezo[k]fluoranthene ...	16.047	14449844	95.199 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	13748521	95.913 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	12754859	101.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	12899293	92.101 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	12951117	95.291 ug/ml

(f)=RT Delta > 1/2 Window

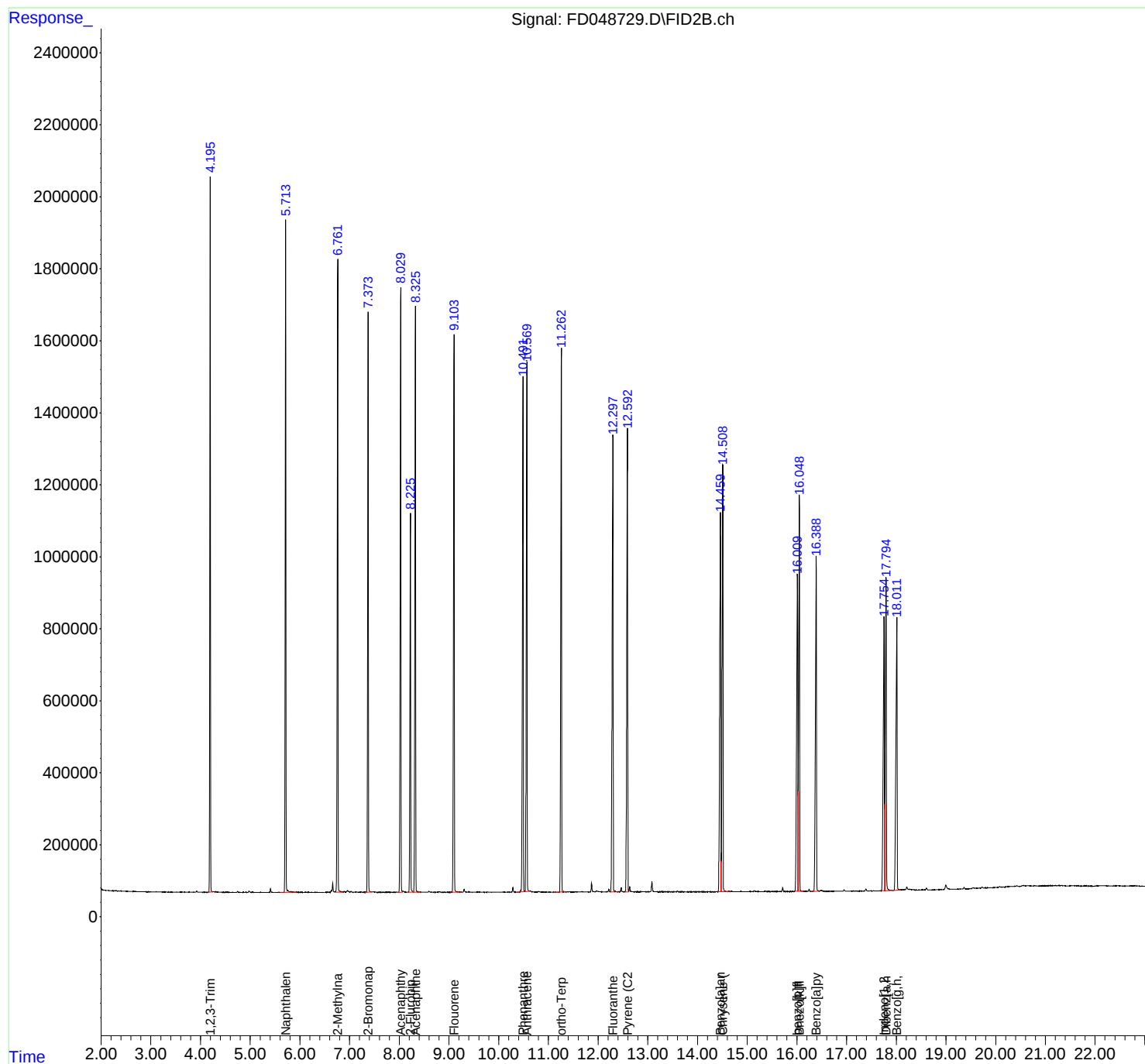
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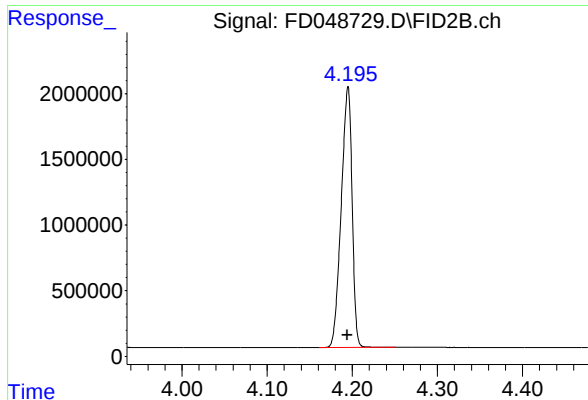
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#1 1,2,3-Trimethylbenzene (C10.1)

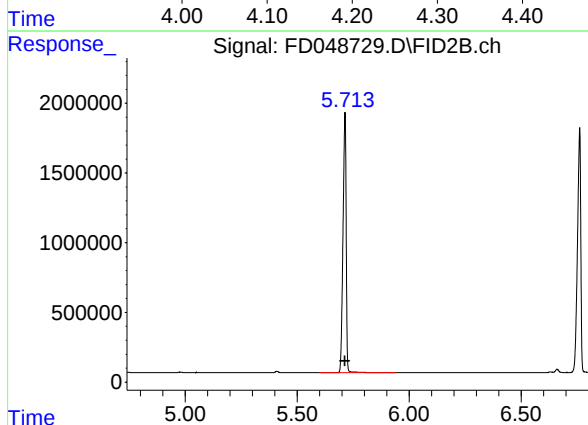
R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 17620031
Conc: 97.22 ug/ml

Instrument :

FID_D

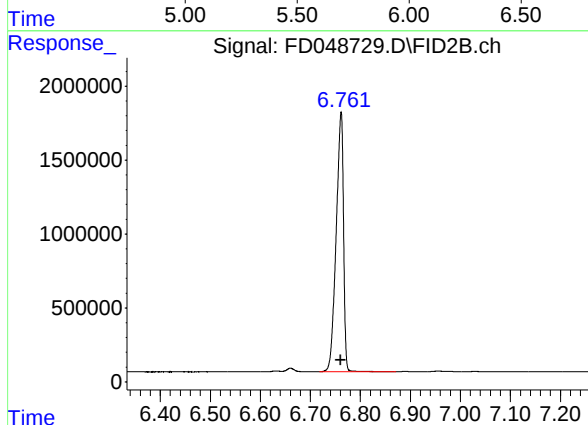
ClientSampleId :

100 PPM AROMATIC HC STD1



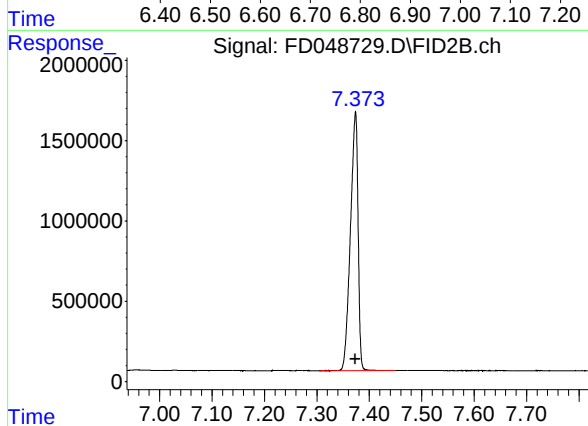
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 18349853
Conc: 97.28 ug/ml



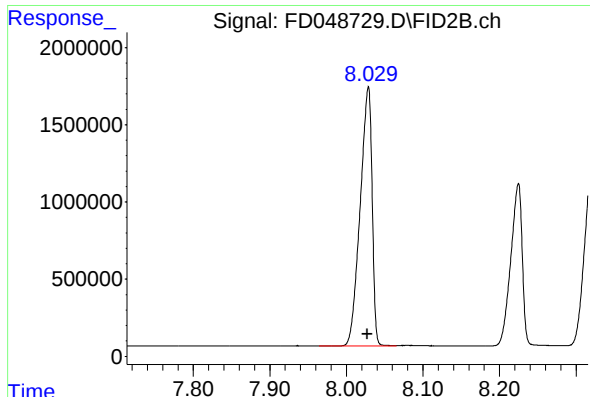
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 17920924
Conc: 97.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 16279710
Conc: 96.64 ug/ml



#5 Acenaphthylene (C15.06)

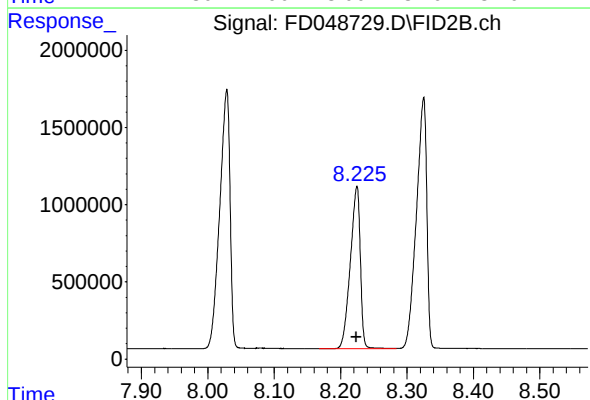
R.T.: 8.028 min
Delta R.T.: 0.000 min
Response: 18165782
Conc: 97.72 ug/ml

Instrument :

FID_D

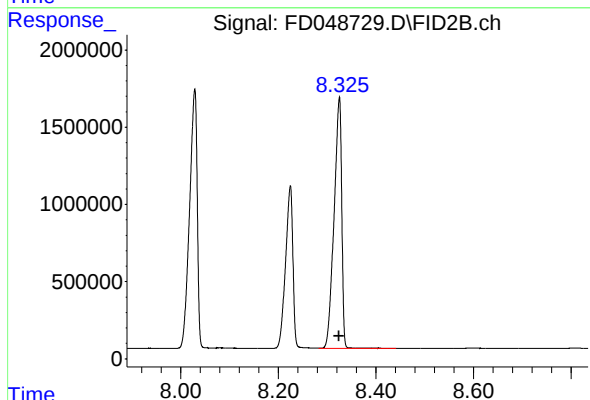
ClientSampleId :

100 PPM AROMATIC HC STD1



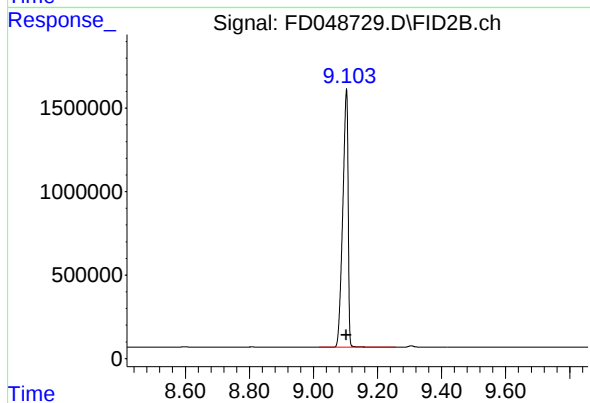
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 10978429
Conc: 98.04 ug/ml



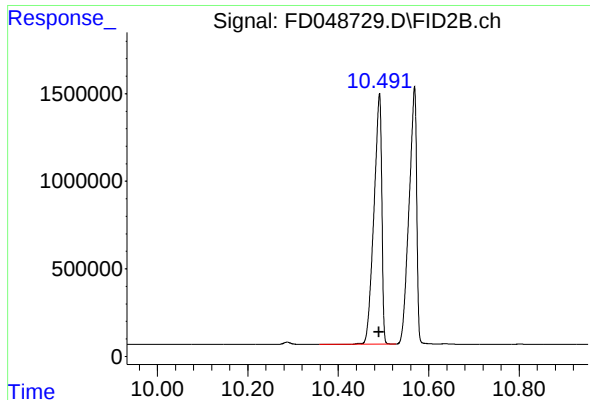
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 17712560
Conc: 96.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 17936029
Conc: 97.27 ug/ml



#9 Phenanthrene (C19.36)

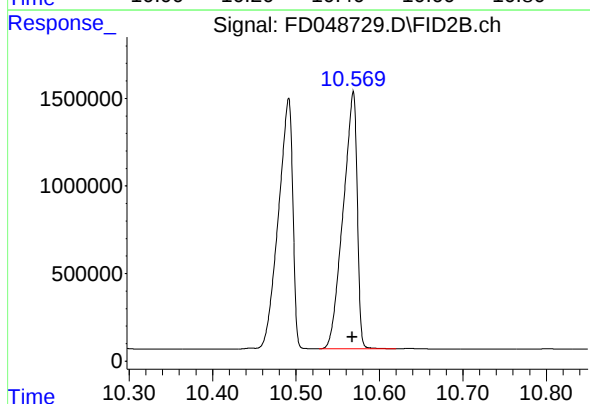
R.T.: 10.490 min
Delta R.T.: 0.000 min
Response: 17155776
Conc: 97.33 ug/ml

Instrument :

FID_D

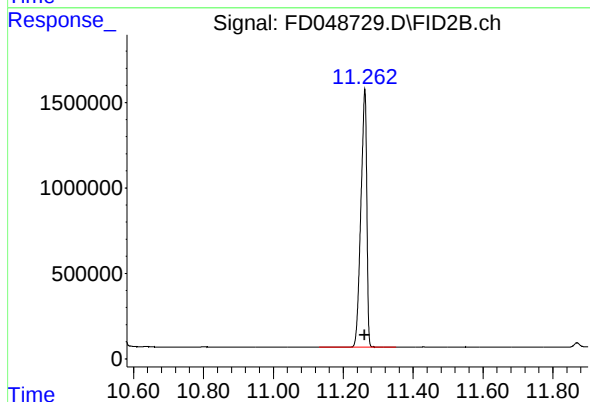
ClientSampleId :

100 PPM AROMATIC HC STD1



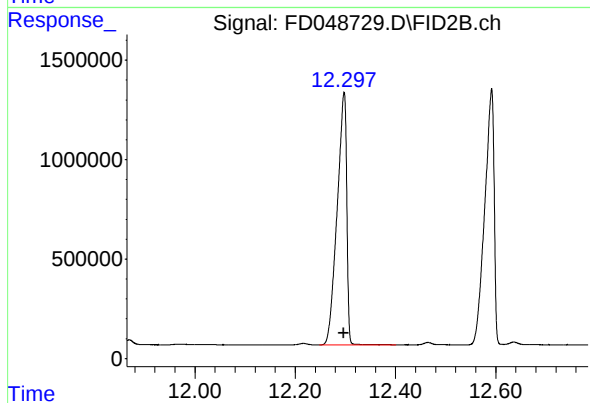
#10 Anthracene (C19.43)

R.T.: 10.567 min
Delta R.T.: 0.000 min
Response: 17179222
Conc: 96.46 ug/ml



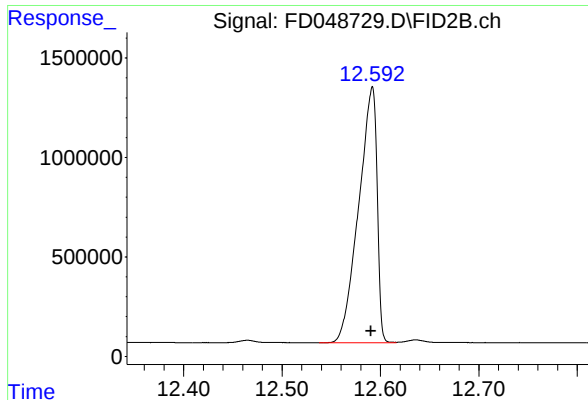
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.000 min
Response: 17593385
Conc: 96.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.296 min
Delta R.T.: 0.000 min
Response: 16826726
Conc: 96.77 ug/ml



#13 Pyrene (C20.8)

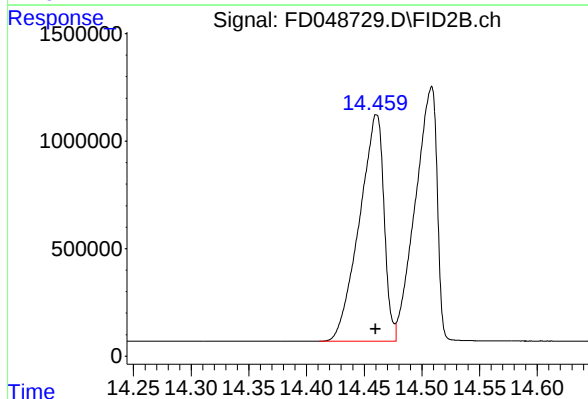
R.T.: 12.590 min
Delta R.T.: 0.000 min
Response: 16685708
Conc: 97.18 ug/ml

Instrument :

FID_D

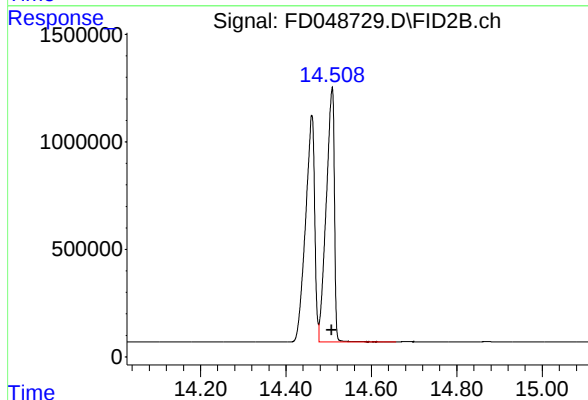
ClientSampleId :

100 PPM AROMATIC HC STD1



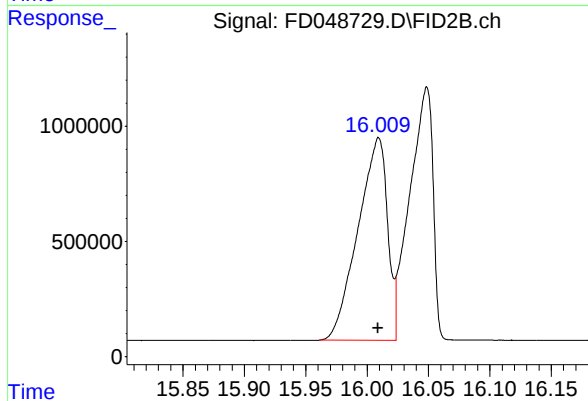
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: 0.000 min
Response: 15682702
Conc: 97.32 ug/ml



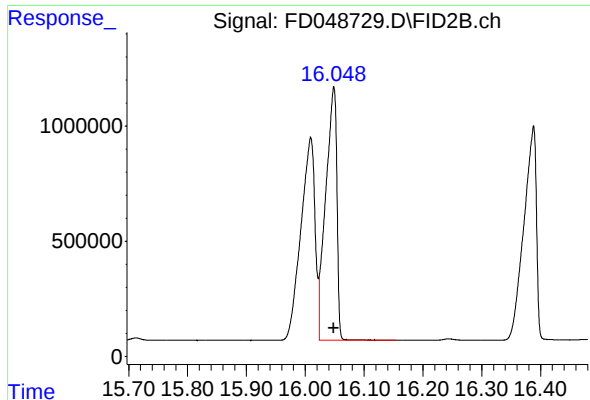
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: 0.000 min
Response: 15579339
Conc: 95.08 ug/ml



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

R.T.: 16.009 min
Delta R.T.: 0.000 min
Response: 14749238
Conc: 96.63 ug/ml



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

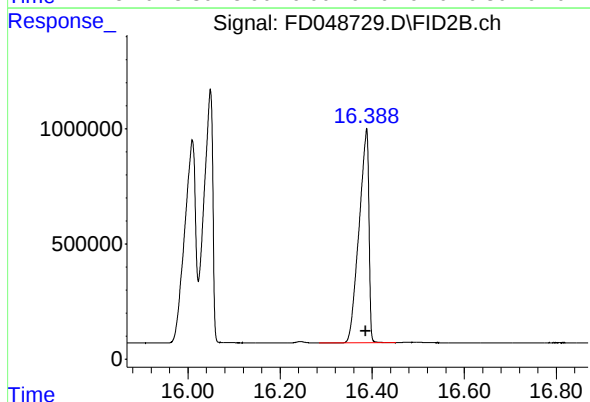
R.T.: 16.047 min
Delta R.T.: 0.000 min
Response: 14449844
Conc: 95.20 ug/ml

Instrument :

FID_D

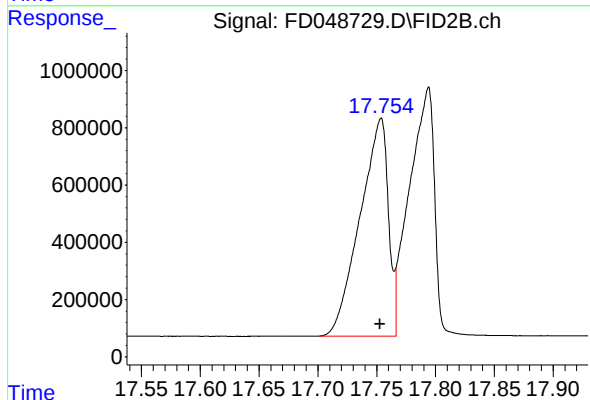
ClientSampleId :

100 PPM AROMATIC HC STD1



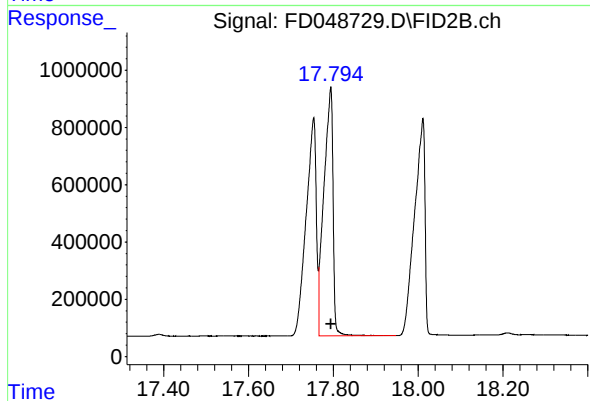
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: 0.000 min
Response: 13748521
Conc: 95.91 ug/ml



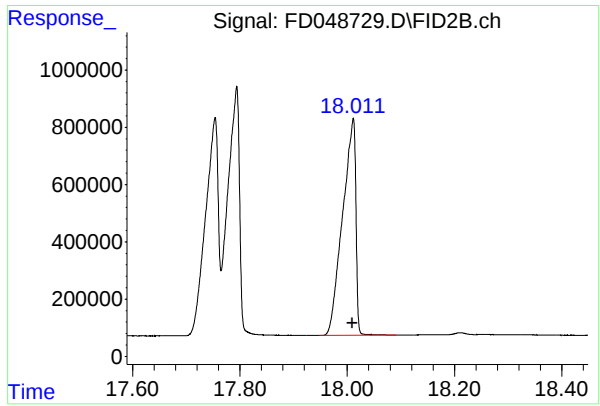
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.000 min
Response: 12754859
Conc: 101.17 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.001 min
Response: 12899293
Conc: 92.10 ug/ml



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

R.T.: 18.010 min
Delta R.T.: 0.000 min
Response: 12951117
Conc: 95.29 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1