

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AR\
 Data File : FD048945.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 08:47
 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: Jan 25 03:30:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:28:54 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...	7.361	13922522	99.159 ug/ml
Spiked Amount 50.000		Recovery =	198.32%
6) S 2-Fluorobiphenyl (SURR)	8.212	9285844	106.723 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	213.45%#
11) S ortho-Terphenyl (SURR)	11.248	15536261	97.044 ug/ml
Spiked Amount 50.000		Recovery =	194.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	14992132	99.140 ug/ml
2) T Naphthalene (C11.7)	5.701	15621502	100.862 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	15294014	99.536 ug/ml
5) T Acenaphthylene (C15.06)	8.016	15709296	98.092 ug/ml
7) T Acenaphthene (C15.5)	8.312	15425654	95.597 ug/ml
8) T Fluorene (C16.55)	9.090	15561239	100.161 ug/ml
9) T Phenanthrene (C19.36)	10.478	15143368	100.608 ug/ml
10) T Anthracene (C19.43)	10.554	15070696	99.531 ug/ml
12) T Fluoranthene (C21.85)	12.284	15255755	99.511 ug/ml
13) T Pyrene (C20.8)	12.578	15245192	100.588 ug/ml
14) T Benzo[a]anthracene (C...	14.448	14536834	108.005 ug/ml
15) T Chrysene (C27.41)	14.493	14824620	93.785 ug/ml
16) T benzo[b]fluoranthene ...	15.998	14473755	103.784 ug/ml
17) T Bnezo[k]fluoranthene ...	15.998	14473755	94.453 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	13621709	100.096 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	12714636	128.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	13210762	91.042 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	13643793	98.165 ug/ml

(f)=RT Delta > 1/2 Window

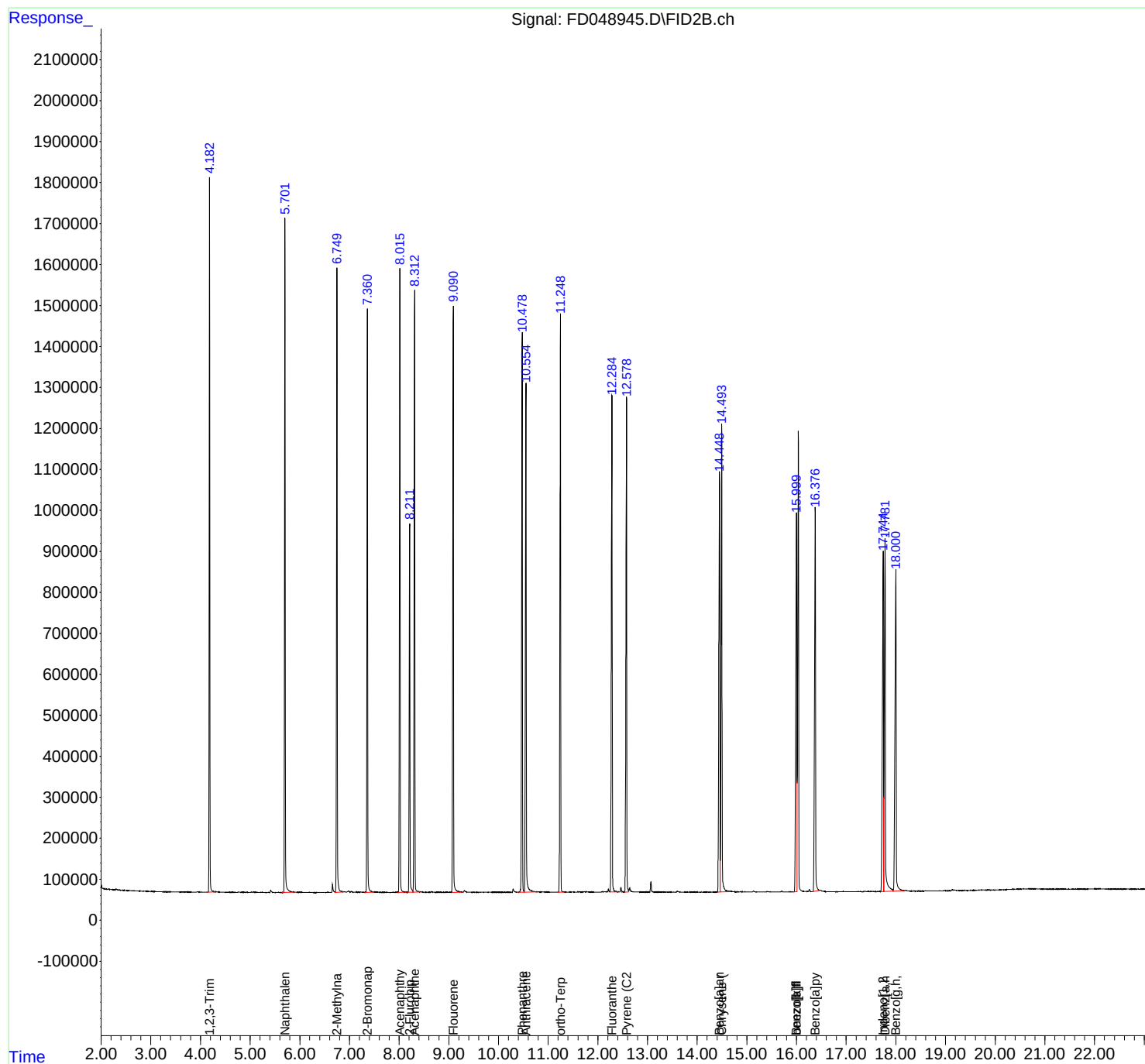
(m)=manual int.

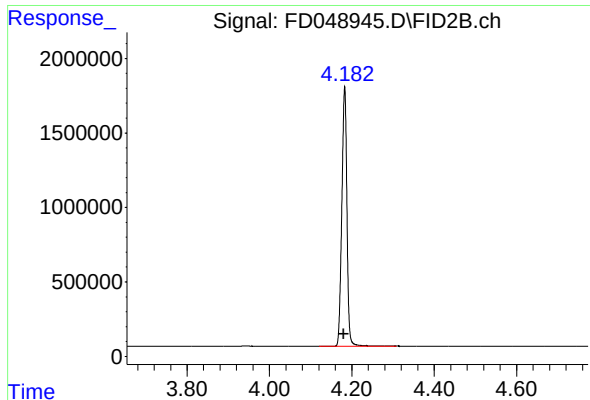
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#1 1,2,3-Trimethylbenzene (C10.1)

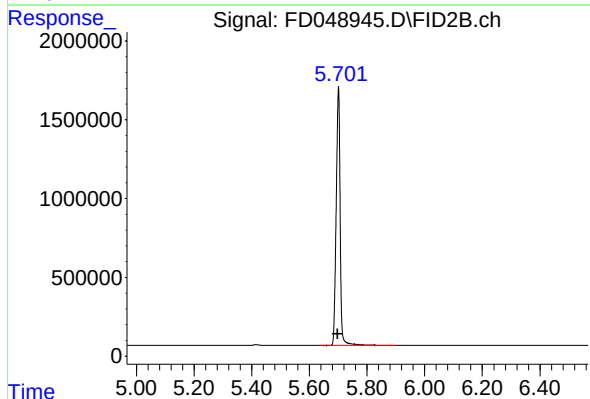
R.T.: 4.183 min
Delta R.T.: 0.003 min
Response: 14992132
Conc: 99.14 ug/ml

Instrument :

FID_D

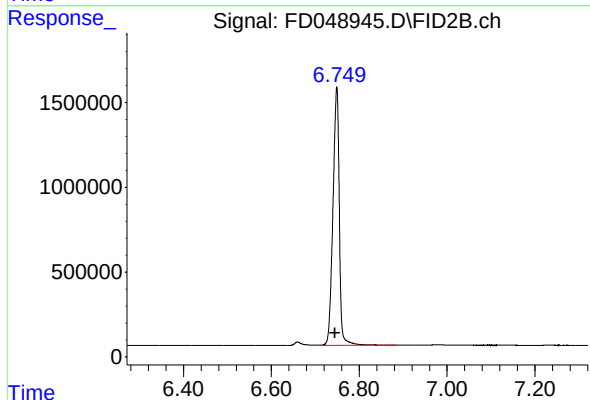
ClientSampleId :

100 PPM AROMATIC HC STD1



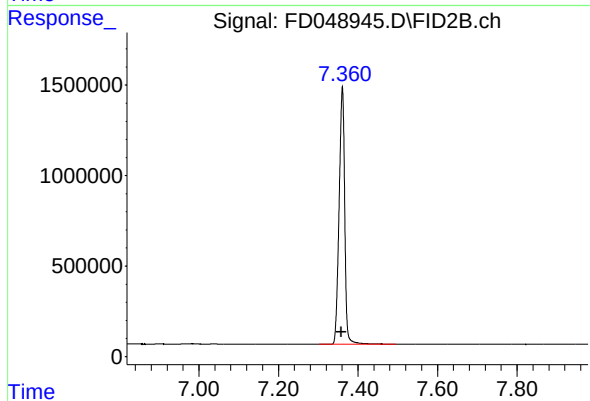
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: 0.003 min
Response: 15621502
Conc: 100.86 ug/ml



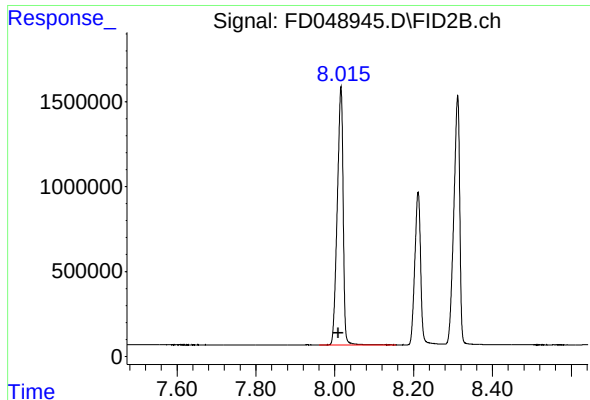
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.004 min
Response: 15294014
Conc: 99.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: 0.003 min
Response: 13922522
Conc: 99.16 ug/ml



#5 Acenaphthylene (C15.06)

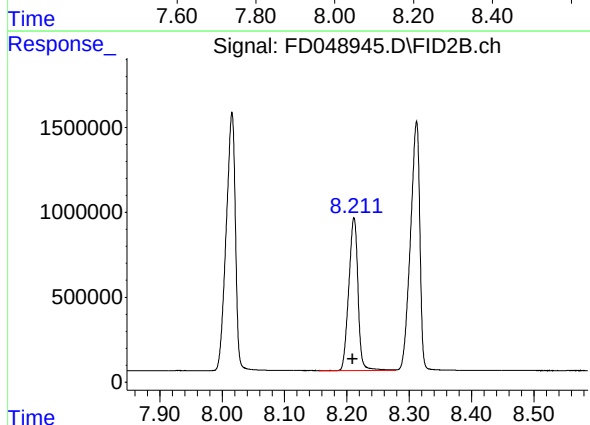
R.T.: 8.016 min
Delta R.T.: 0.006 min
Response: 15709296
Conc: 98.09 ug/ml

Instrument :

FID_D

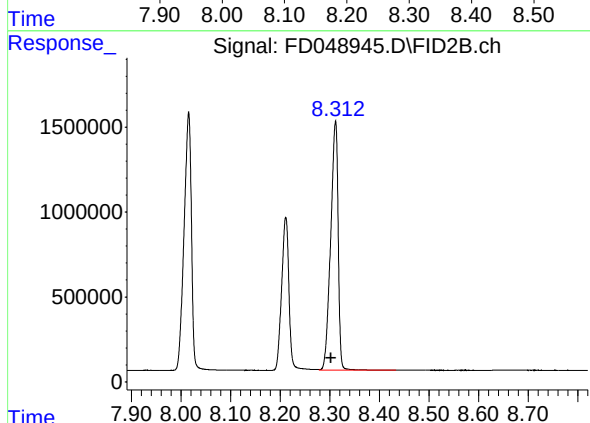
ClientSampleId :

100 PPM AROMATIC HC STD1



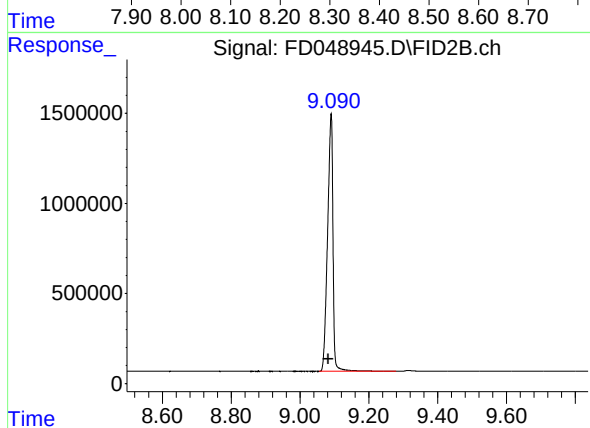
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: 0.002 min
Response: 9285844
Conc: 106.72 ug/ml



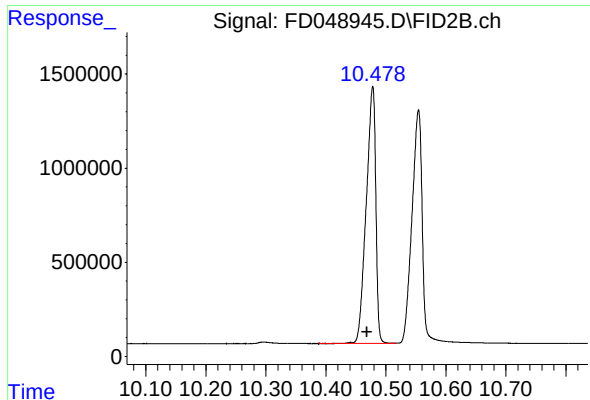
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: 0.009 min
Response: 15425654
Conc: 95.60 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.090 min
Delta R.T.: 0.008 min
Response: 15561239
Conc: 100.16 ug/ml



#9 Phenanthrene (C19.36)

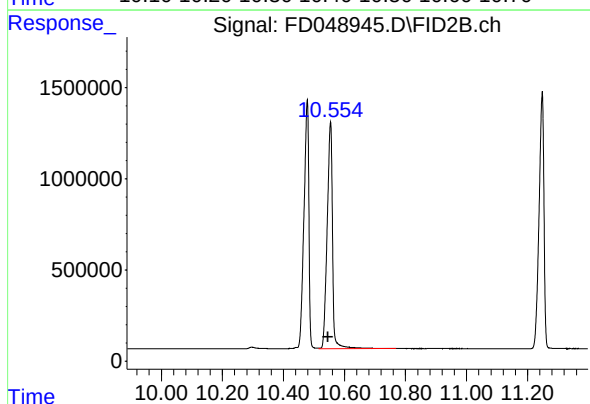
R.T.: 10.478 min
Delta R.T.: 0.009 min
Response: 15143368
Conc: 100.61 ug/ml

Instrument :

FID_D

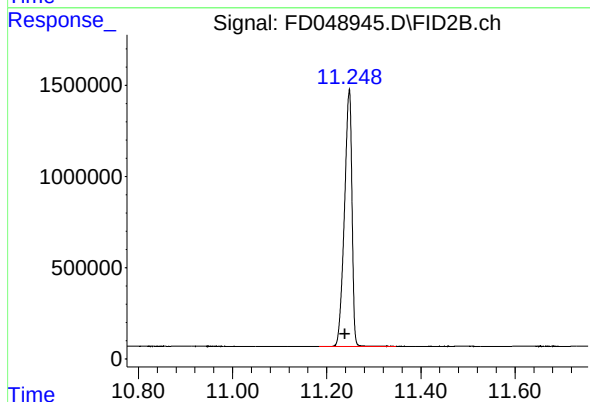
ClientSampleId :

100 PPM AROMATIC HC STD1



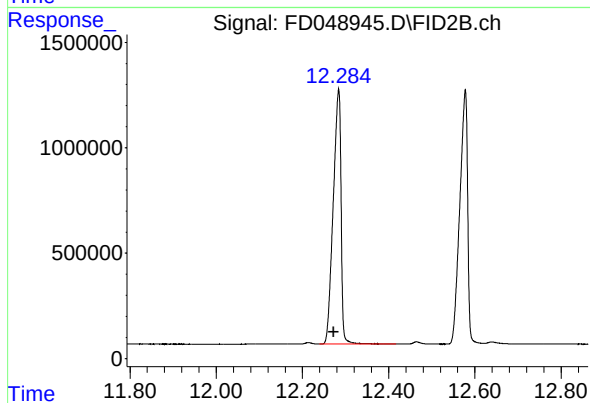
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.008 min
Response: 15070696
Conc: 99.53 ug/ml



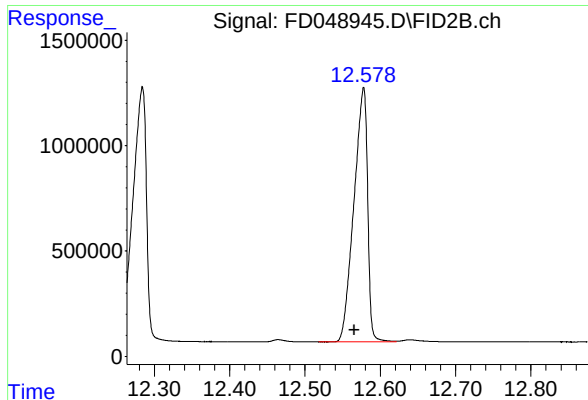
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.009 min
Response: 15536261
Conc: 97.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: 0.011 min
Response: 15255755
Conc: 99.51 ug/ml



#13 Pyrene (C20.8)

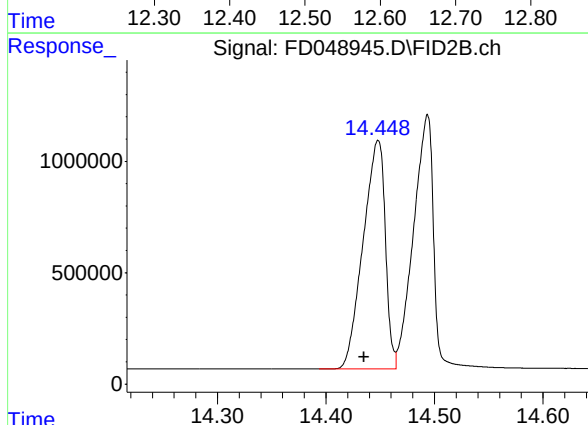
R.T.: 12.578 min
Delta R.T.: 0.012 min
Response: 15245192
Conc: 100.59 ug/ml

Instrument :

FID_D

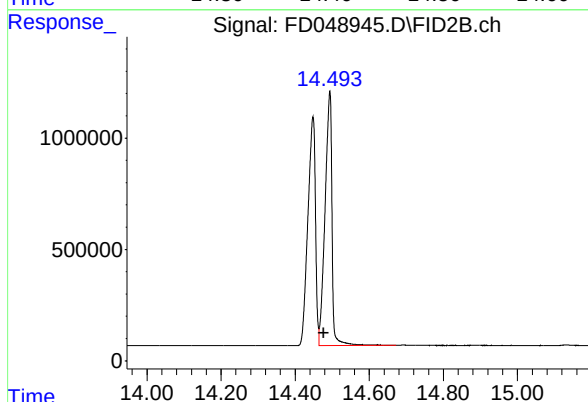
ClientSampleId :

100 PPM AROMATIC HC STD1



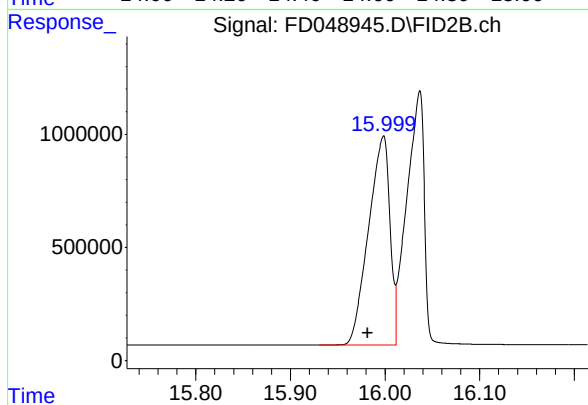
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: 0.013 min
Response: 14536834
Conc: 108.00 ug/ml



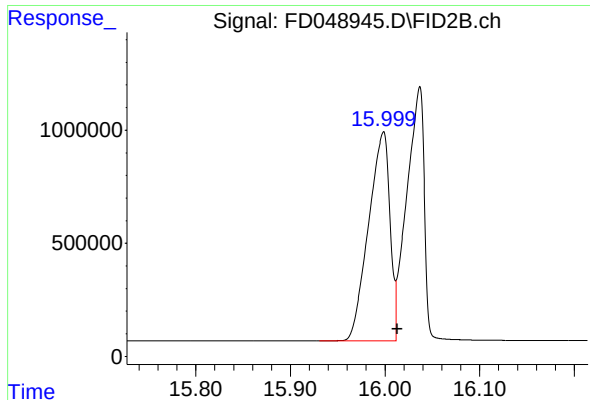
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.017 min
Response: 14824620
Conc: 93.78 ug/ml



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

R.T.: 15.998 min
Delta R.T.: 0.017 min
Response: 14473755
Conc: 103.78 ug/ml



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

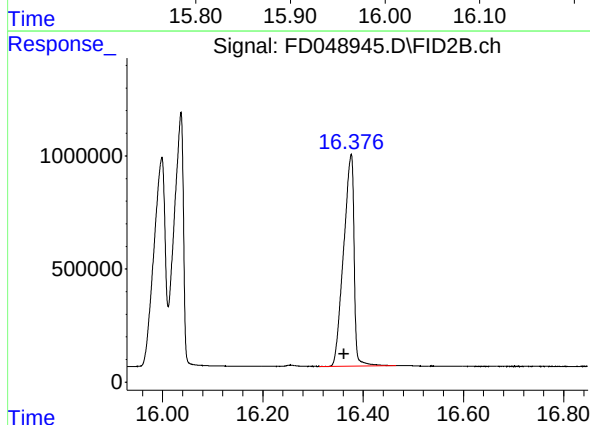
R.T.: 15.998 min
Delta R.T.: -0.015 min
Response: 14473755
Conc: 94.45 ug/ml

Instrument :

FID_D

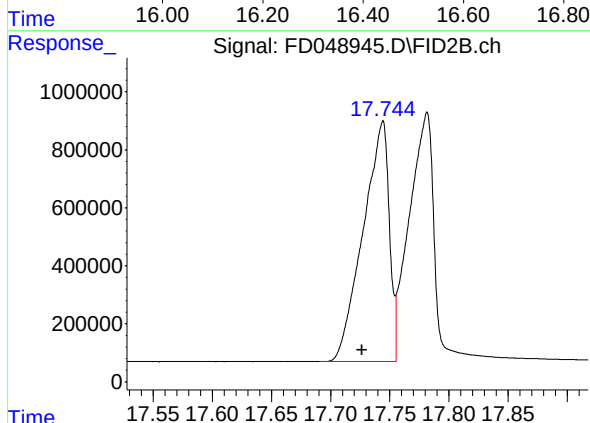
ClientSampleId :

100 PPM AROMATIC HC STD1



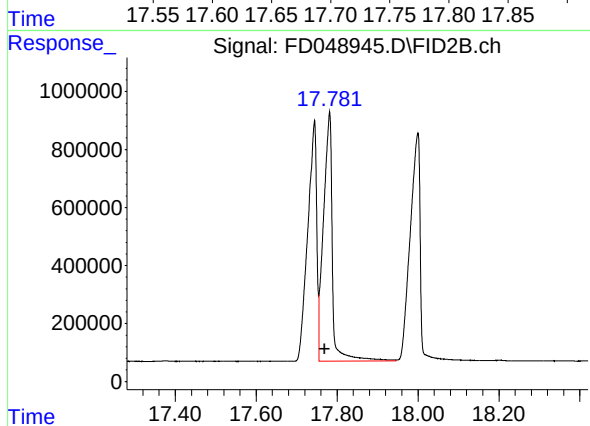
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: 0.014 min
Response: 13621709
Conc: 100.10 ug/ml



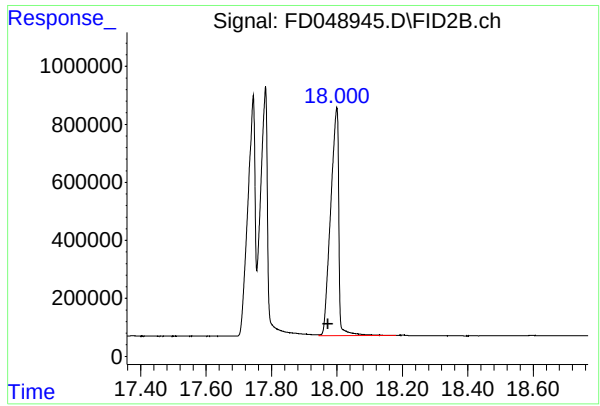
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.017 min
Response: 12714636
Conc: 128.02 ug/ml



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

R.T.: 17.781 min
Delta R.T.: 0.012 min
Response: 13210762
Conc: 91.04 ug/ml



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

R.T.: 17.999 min
Delta R.T.: 0.027 min
Response: 13643793
Conc: 98.16 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1