

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048568.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 15:12
 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: Oct 23 17:13:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:09:25 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...	7.379	14919837	98.962 ug/ml
Spiked Amount 50.000		Recovery =	197.92%
6) S 2-Fluorobiphenyl (SURR)	8.230	10015694	100.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	200.25%#
11) S ortho-Terphenyl (SURR)	11.267	16385129	98.289 ug/ml
Spiked Amount 50.000		Recovery =	196.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	16947170	98.911 ug/ml
2) T Naphthalene (C11.7)	5.719	17612911	98.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	17624448	99.004 ug/ml
5) T Acenaphthylene (C15.06)	8.034	17045088	98.400 ug/ml
7) T Acenaphthene (C15.5)	8.331	17086977	98.169 ug/ml
8) T Fluorene (C16.55)	9.109	16673063	98.964 ug/ml
9) T Phenanthrene (C19.36)	10.496	16410378	99.314 ug/ml
10) T Anthracene (C19.43)	10.573	15569819	98.435 ug/ml
12) T Fluoranthene (C21.85)	12.302	15981856	98.532 ug/ml
13) T Pyrene (C20.8)	12.596	15811187	98.991 ug/ml
14) T Benzo[a]anthracene (C...	14.466	14979852	100.189 ug/ml
15) T Chrysene (C27.41)	14.512	15332543	97.081 ug/ml
16) T benzo[b]fluoranthene ...	16.016	15350623	99.928 ug/ml
17) T Bnezo[k]fluoranthene ...	16.054	14161475	97.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.395	14921521	99.306 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	14261058	103.933 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	14330700	95.355 ug/ml
21) T Benzo[g,h,i]perylene ...	18.019	14842367	98.211 ug/ml

(f)=RT Delta > 1/2 Window

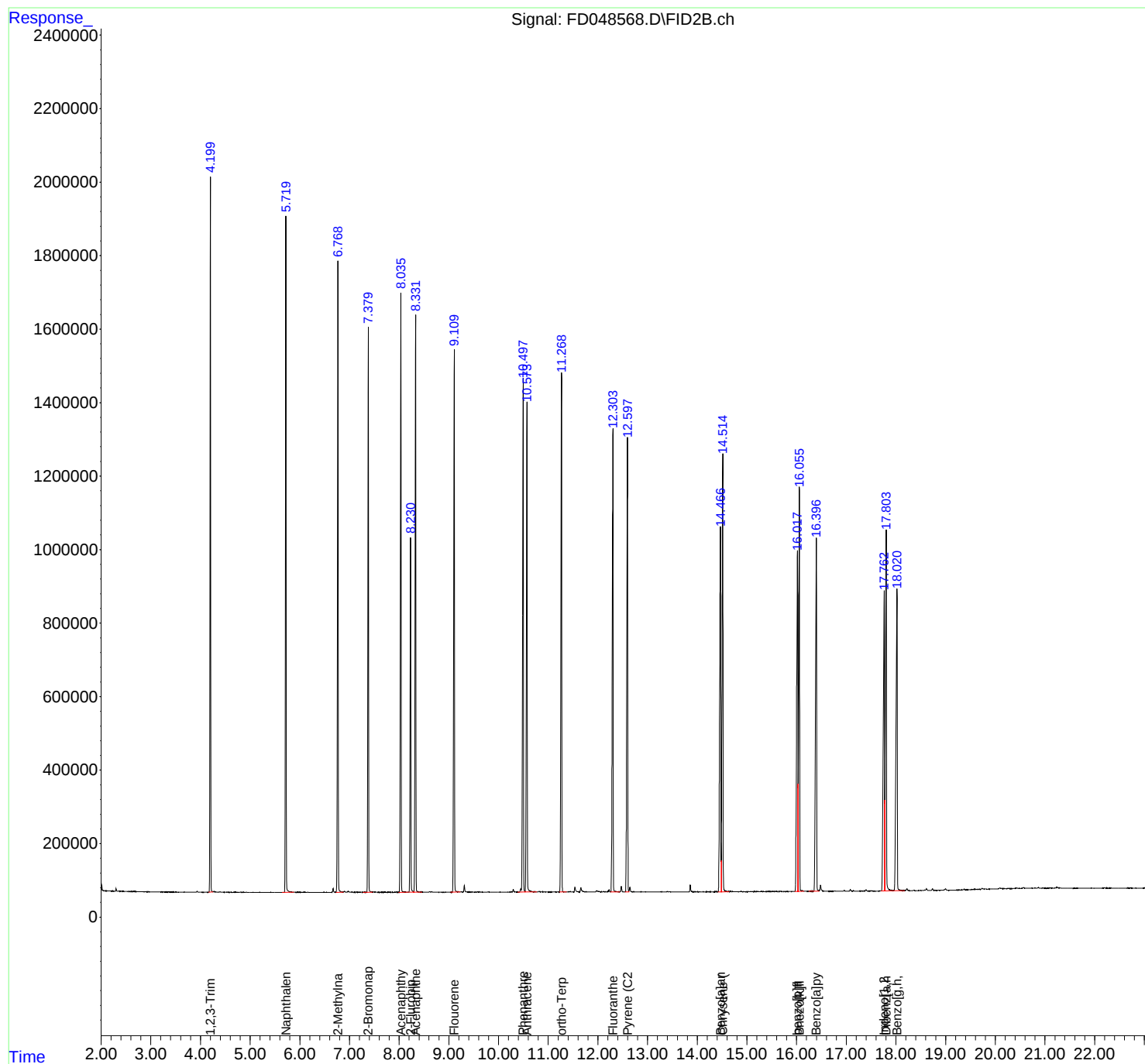
(m)=manual int.

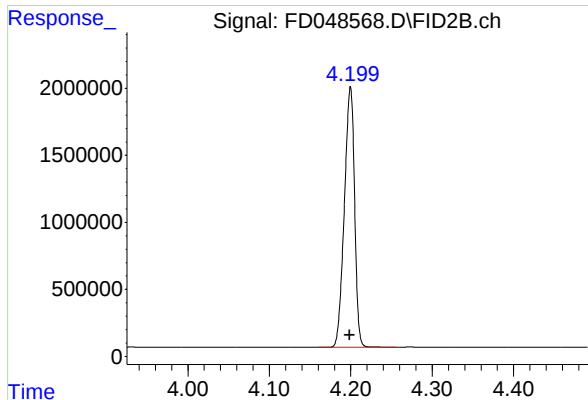
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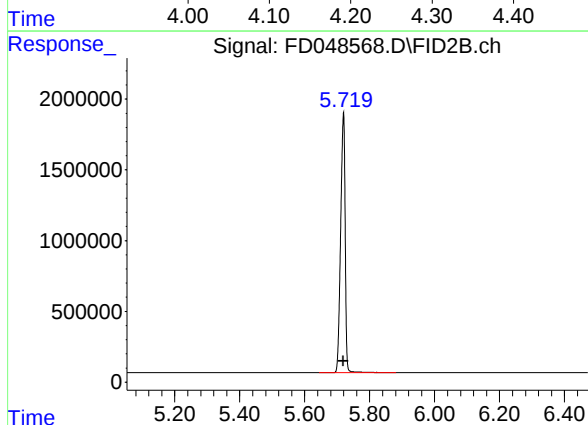




#1 1,2,3-Trimethylbenzene (C10.1)

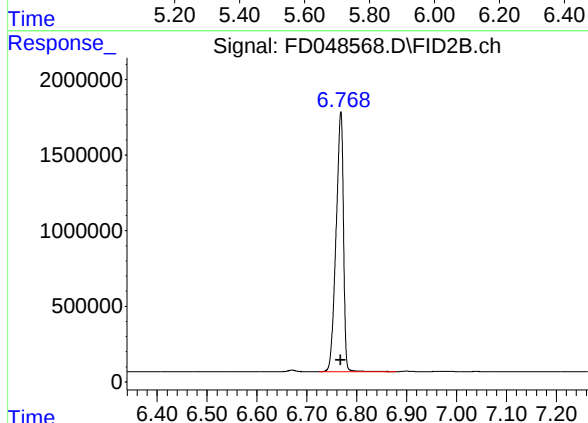
R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 16947170
Conc: 98.91 ug/ml

Instrument :
FID_D
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100 PPM AROMATIC HC STD1



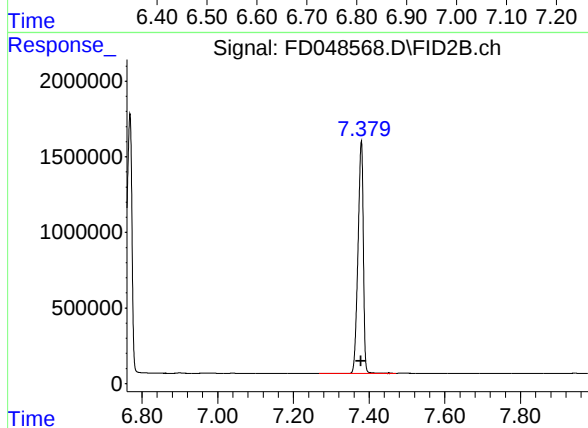
#2 Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 17612911
Conc: 98.94 ug/ml



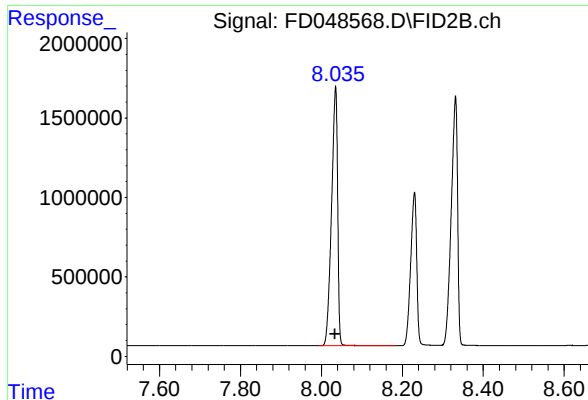
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 17624448
Conc: 99.00 ug/ml



#4 2-Bromonaphthalene (SURR)

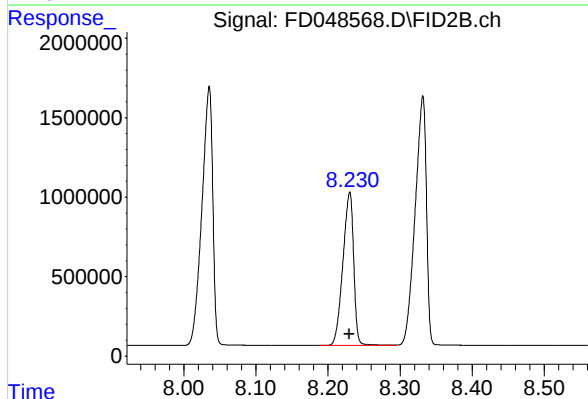
R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 14919837
Conc: 98.96 ug/ml



#5 Acenaphthylene (C15.06)

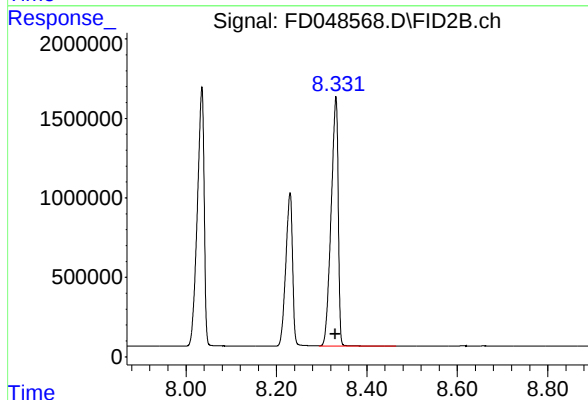
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 17045088
Conc: 98.40 ug/ml

Instrument :
FID_D
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100 PPM AROMATIC HC STD1



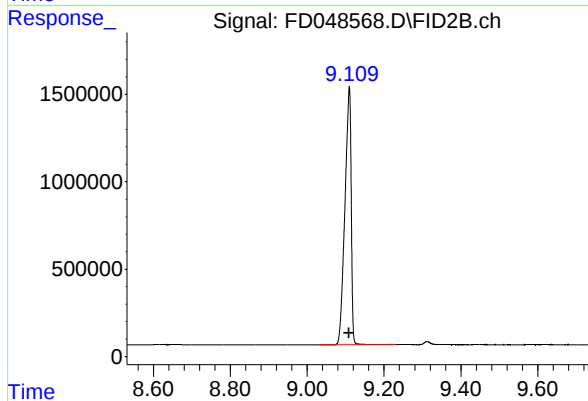
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 10015694
Conc: 100.12 ug/ml



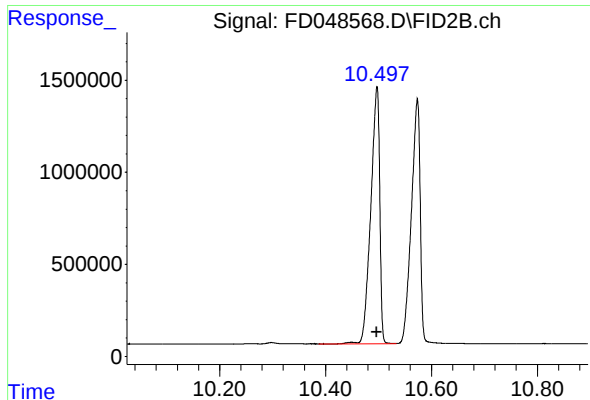
#7 Acenaphthene (C15.5)

R.T.: 8.331 min
Delta R.T.: 0.000 min
Response: 17086977
Conc: 98.17 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 16673063
Conc: 98.96 ug/ml



#9 Phenanthrene (C19.36)

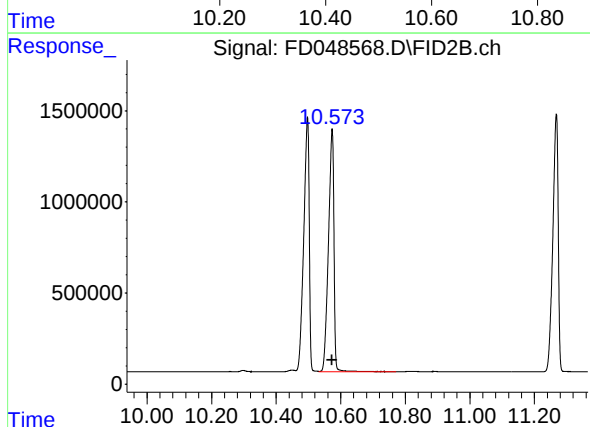
R.T.: 10.496 min
Delta R.T.: 0.000 min
Response: 16410378
Conc: 99.31 ug/ml

Instrument :

FID_D

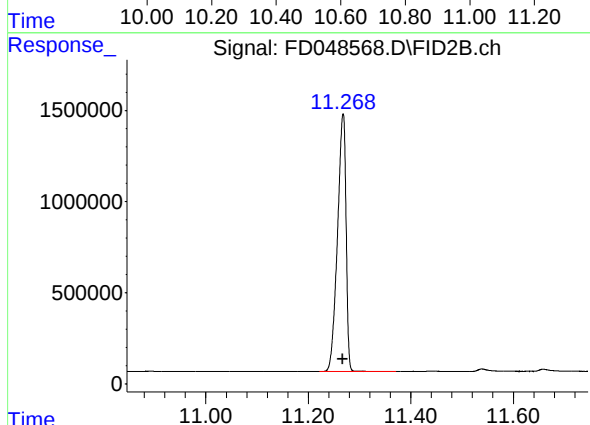
ClientSampleId :

100 PPM AROMATIC HC STD1



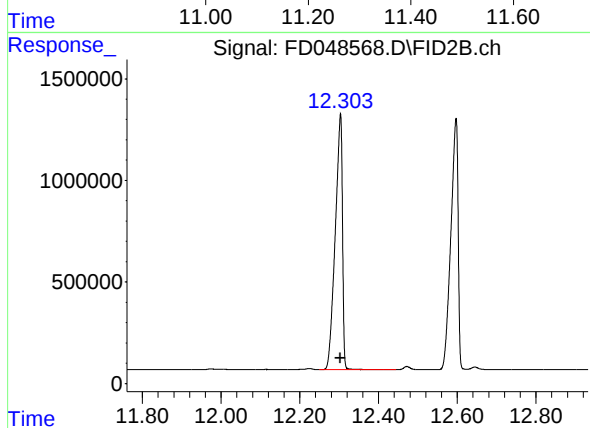
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 15569819
Conc: 98.44 ug/ml



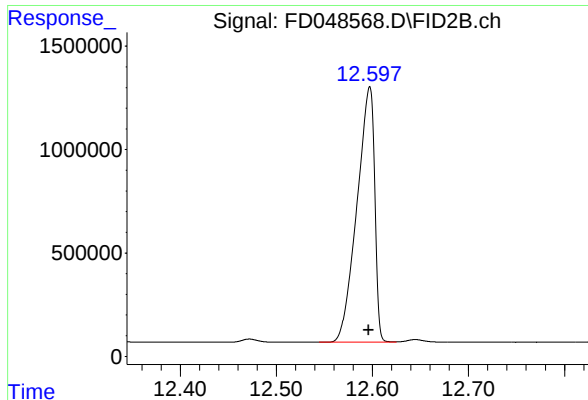
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.000 min
Response: 16385129
Conc: 98.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: 0.000 min
Response: 15981856
Conc: 98.53 ug/ml



#13 Pyrene (C20.8)

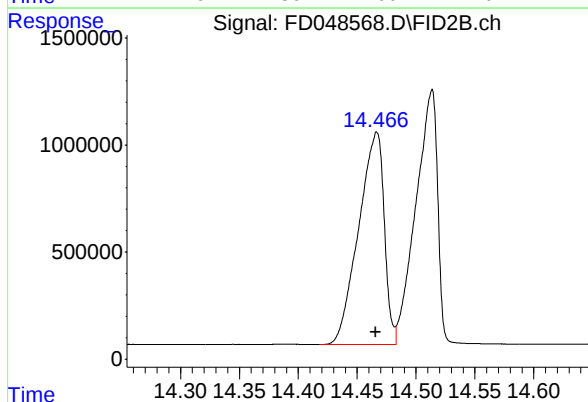
R.T.: 12.596 min
Delta R.T.: 0.000 min
Response: 15811187
Conc: 98.99 ug/ml

Instrument :

FID_D

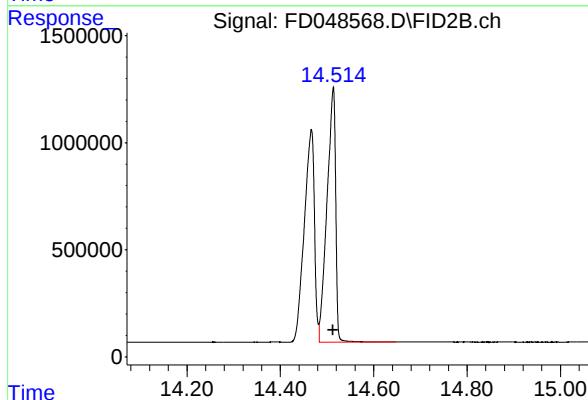
ClientSampleId :

100 PPM AROMATIC HC STD1



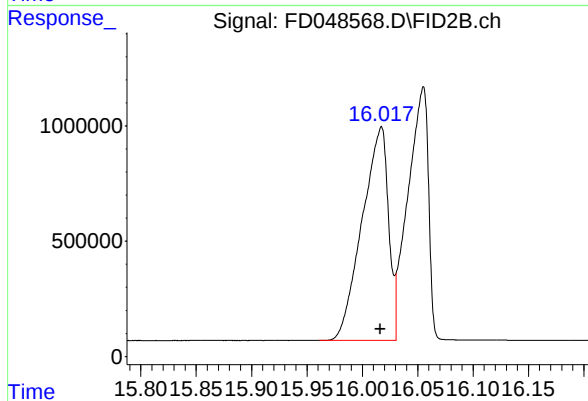
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: 0.000 min
Response: 14979852
Conc: 100.19 ug/ml



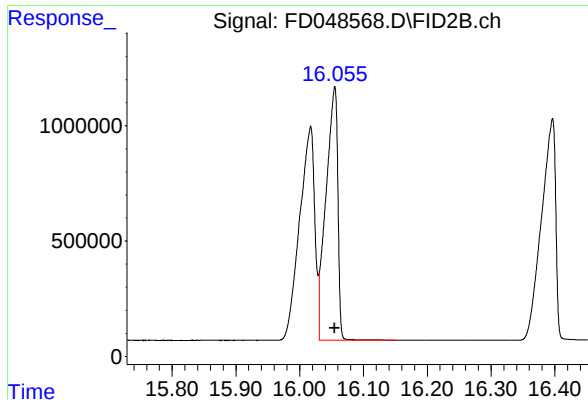
#15 Chrysene (C27.41)

R.T.: 14.512 min
Delta R.T.: 0.000 min
Response: 15332543
Conc: 97.08 ug/ml



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

R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 15350623
Conc: 99.93 ug/ml



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

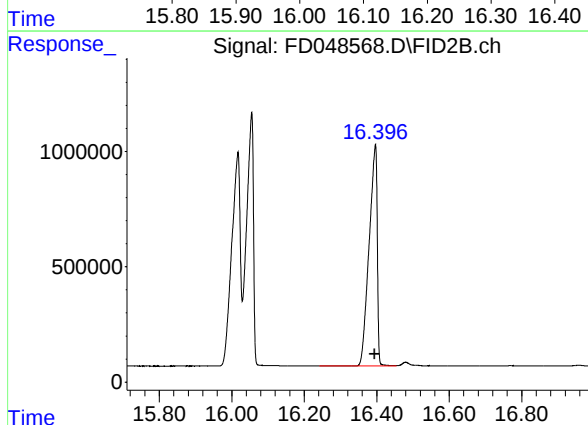
R.T.: 16.054 min
Delta R.T.: -0.001 min
Response: 14161475
Conc: 97.90 ug/ml

Instrument :

FID_D

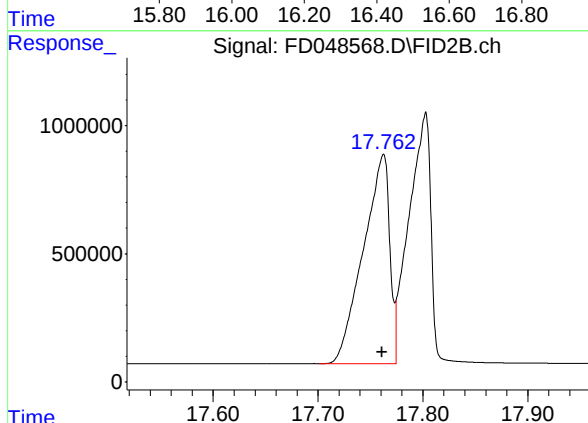
ClientSampleId :

100 PPM AROMATIC HC STD1



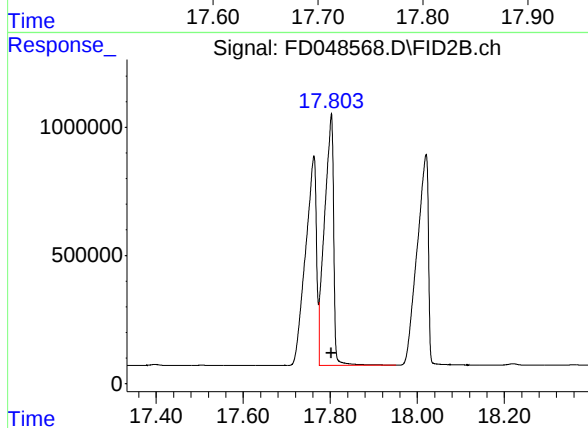
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.395 min
Delta R.T.: 0.000 min
Response: 14921521
Conc: 99.31 ug/ml



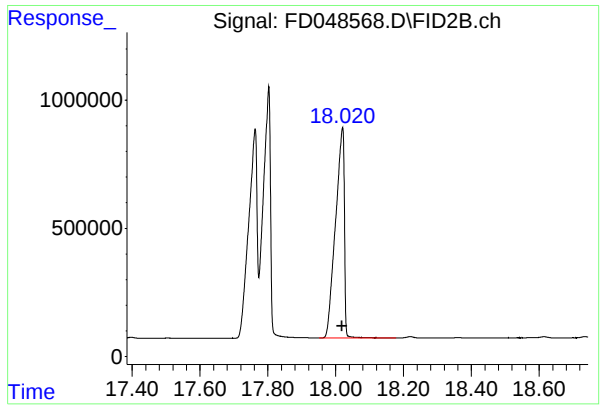
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: 0.000 min
Response: 14261058
Conc: 103.93 ug/ml



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

R.T.: 17.801 min
Delta R.T.: -0.002 min
Response: 14330700
Conc: 95.35 ug/ml



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

R.T.: 18.019 min

Delta R.T.: 0.000 min

Response: 14842367

Conc: 98.21 ug/ml

Instrument :

FID_D

ClientSampleId :

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