

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020419AR\
 Data File : FD027553.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2019 19:13
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Sohil

2/5/2019 10:46:44 AM

Integration File: autoint1.e
 Quant Time: Feb 05 00:56:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 00:56:12 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.349	7378133	96.742 ug/ml
Spiked Amount 50.000		Recovery =	193.48%
6) S 2-Fluorobiphenyl (SURR)	8.200	5118660	97.234 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.47%#
11) S ortho-Terphenyl (SURR)	11.240	8499737	93.707 ug/ml
Spiked Amount 50.000		Recovery =	187.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	7708004	96.459 ug/ml
2) T Naphthalene (C11.7)	5.685	8454061	97.664 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	8434344	97.771 ug/ml
5) T Acenaphthylene (C15.06)	8.004	8200568	95.412 ug/ml
7) T Acenaphthene (C15.5)	8.300	8556181	94.907 ug/ml
8) T Fluorene (C16.55)	9.079	8550242	94.995 ug/ml
9) T Phenanthrene (C19.36)	10.466	8610935	95.149 ug/ml
10) T Anthracene (C19.43)	10.542	8513454	95.530 ug/ml
12) T Fluoranthene (C21.85)	12.271	8606823	94.585 ug/ml
13) T Pyrene (C20.8)	12.566	8581768	94.339 ug/ml
14) T Benzo[a]anthracene (C...	14.435	8654824	96.026 ug/ml
15) T Chrysene (C27.41)	14.481	8693866	95.582 ug/ml
16) T benzo[b]fluoranthene ...	15.983	9496243	98.095 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	9327030	95.718 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.360	9534853	97.897 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.725	9842241	99.834 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	9511085	95.222 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.984	9748643	98.004 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020419AR\
Data File : FD027553.D
Signal(s) : FID2B.CH
Acq On : 04 Feb 2019 19:13
Operator : AJ\SJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

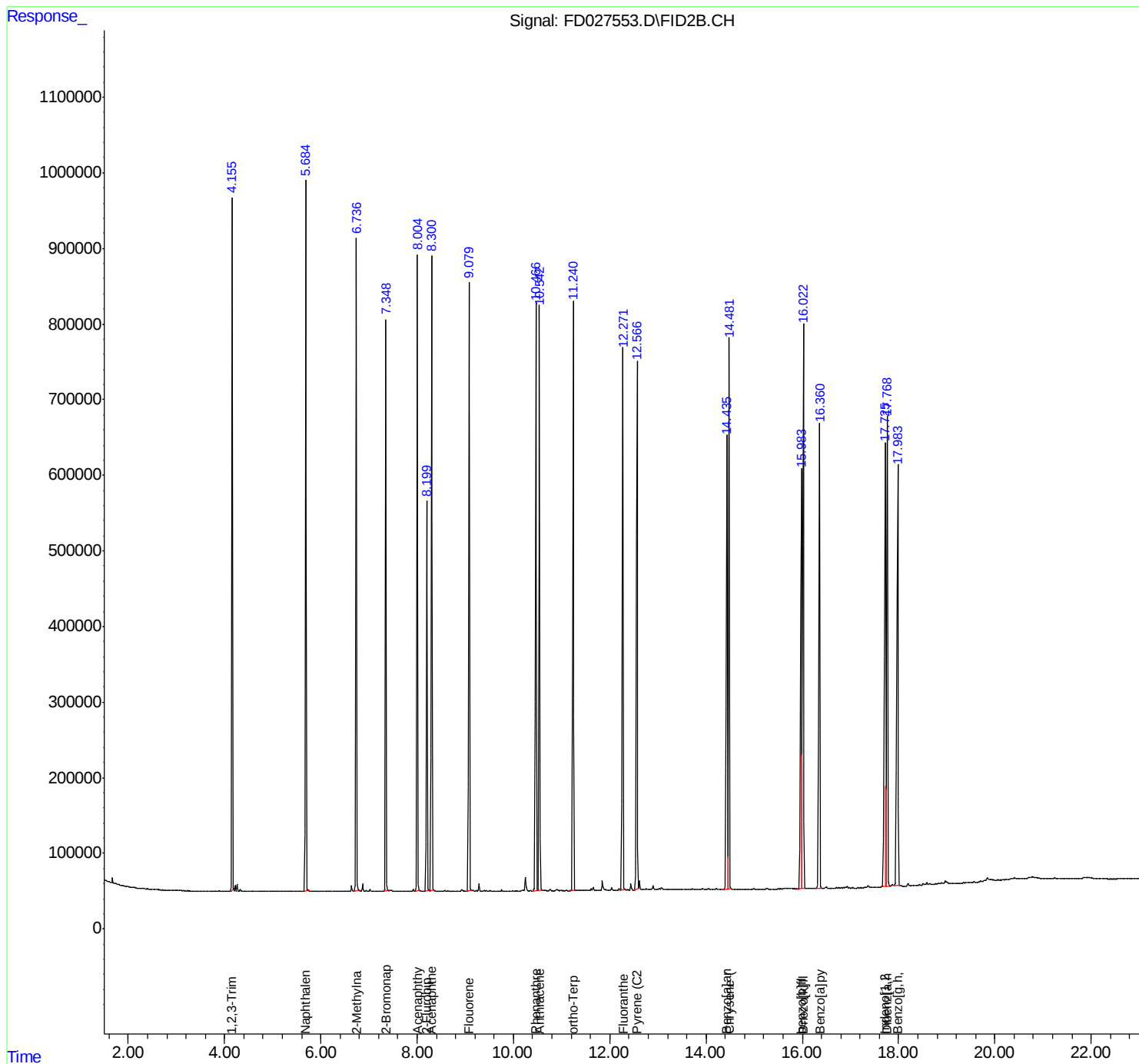
Manual Integrations
APPROVED

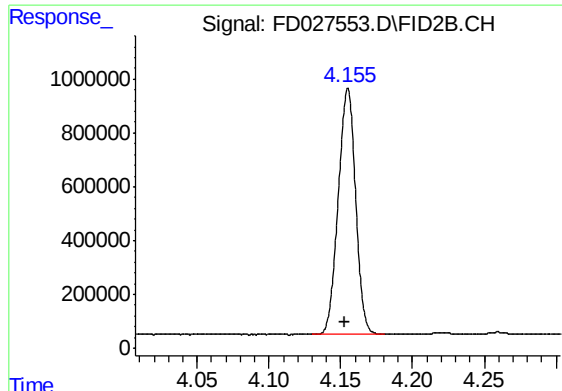
Sohil

2/5/2019 10:46:44 AM

Integration File: autoint1.e
Quant Time: Feb 05 00:56:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
Quant Title : GC Extractables
QLast Update : Tue Feb 05 00:56:12 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

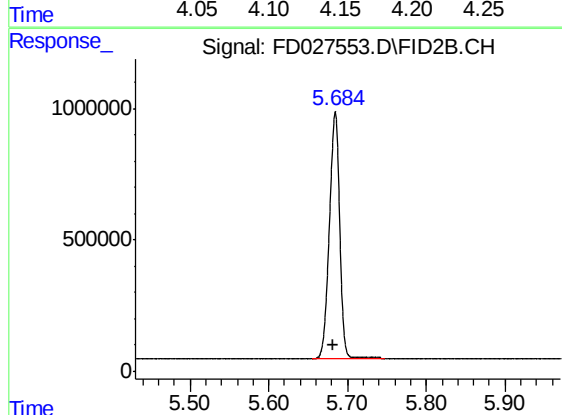
R.T.: 4.155 min
Delta R.T.: 0.002 min
Response: 7708004
Conc: 96.46 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

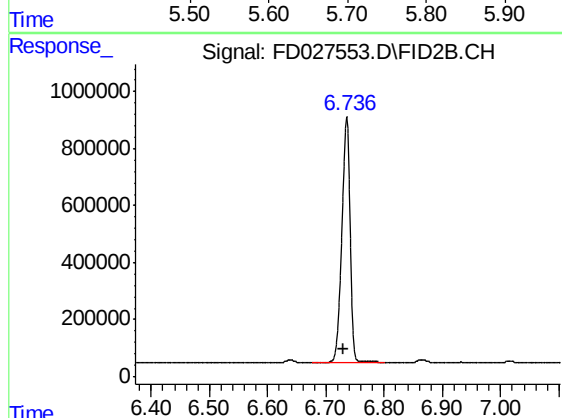
Sohil

2/5/2019 10:46:44 AM



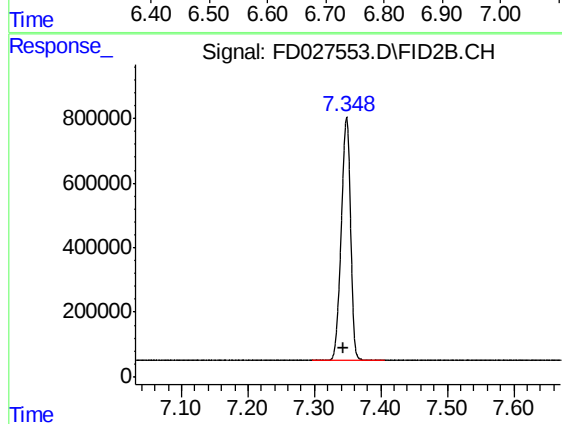
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: 0.003 min
Response: 8454061
Conc: 97.66 ug/ml



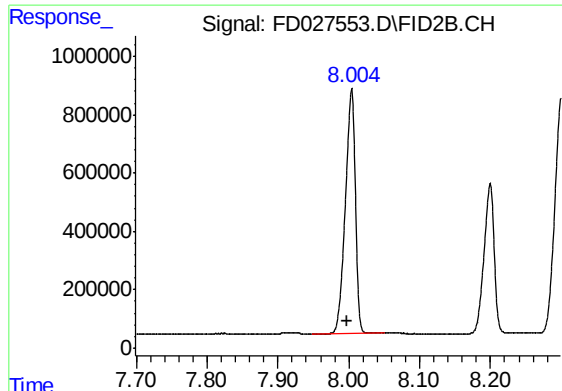
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: 0.005 min
Response: 8434344
Conc: 97.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: 0.004 min
Response: 7378133
Conc: 96.74 ug/ml



#5 Acenaphthylene (C15.06)

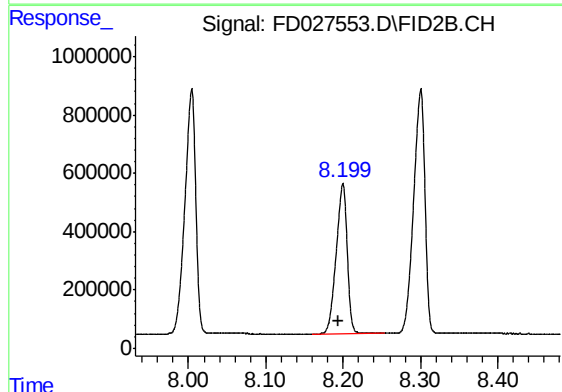
R.T.: 8.004 min
Delta R.T.: 0.007 min
Response: 8200568
Conc: 95.41 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

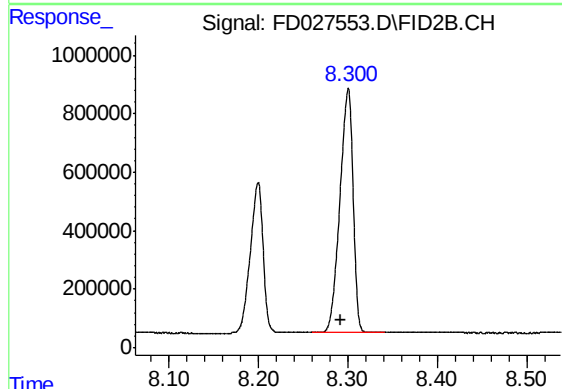
Sohil

2/5/2019 10:46:44 AM



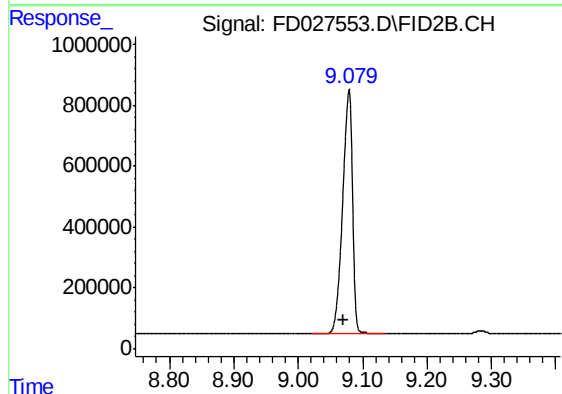
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: 0.006 min
Response: 5118660
Conc: 97.23 ug/ml



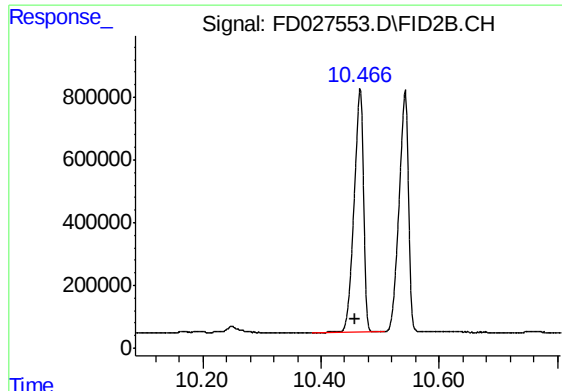
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.008 min
Response: 8556181
Conc: 94.91 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.079 min
Delta R.T.: 0.009 min
Response: 8550242
Conc: 95.00 ug/ml



#9 Phenanthrene (C19.36)

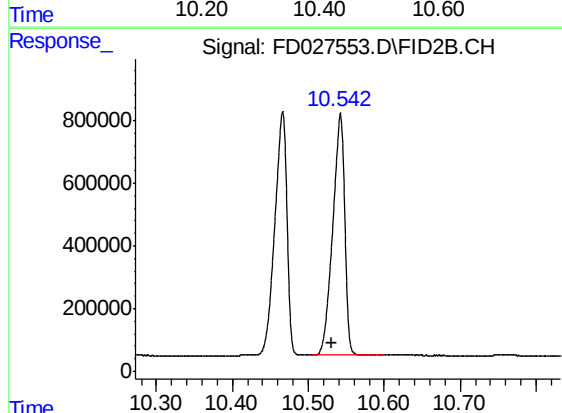
R.T.: 10.466 min
Delta R.T.: 0.009 min
Response: 8610935
Conc: 95.15 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

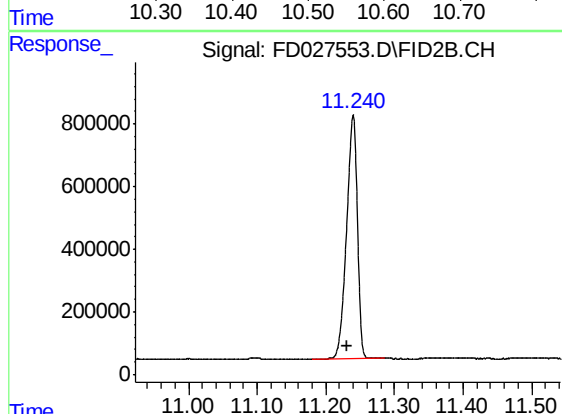
Sohil

2/5/2019 10:46:44 AM



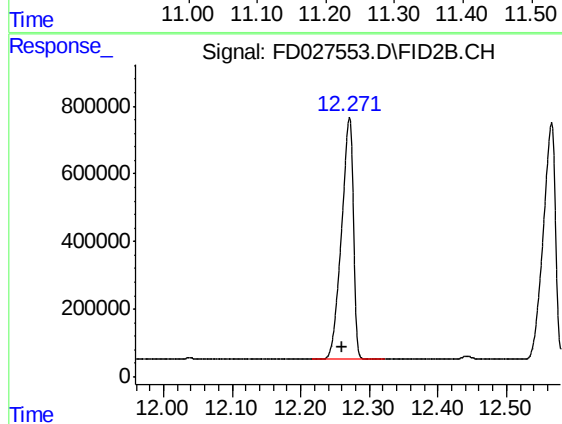
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.012 min
Response: 8513454
Conc: 95.53 ug/ml



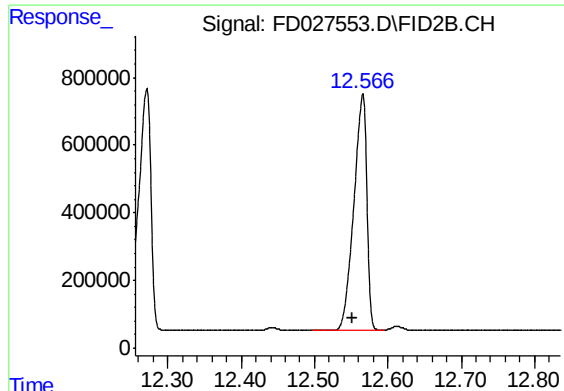
#11 ortho-Terphenyl (SURR)

R.T.: 11.240 min
Delta R.T.: 0.008 min
Response: 8499737
Conc: 93.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.271 min
Delta R.T.: 0.011 min
Response: 8606823
Conc: 94.59 ug/ml



#13 Pyrene (C20.8)

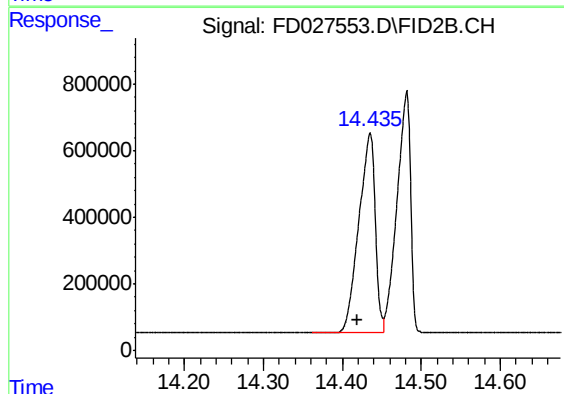
R.T.: 12.566 min
Delta R.T.: 0.014 min
Response: 8581768
Conc: 94.34 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

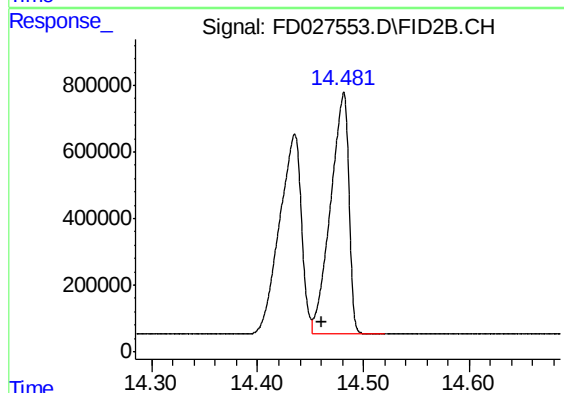
Sohil

2/5/2019 10:46:44 AM



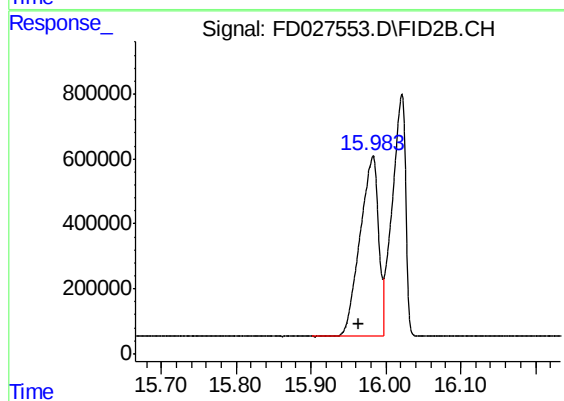
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.016 min
Response: 8654824
Conc: 96.03 ug/ml



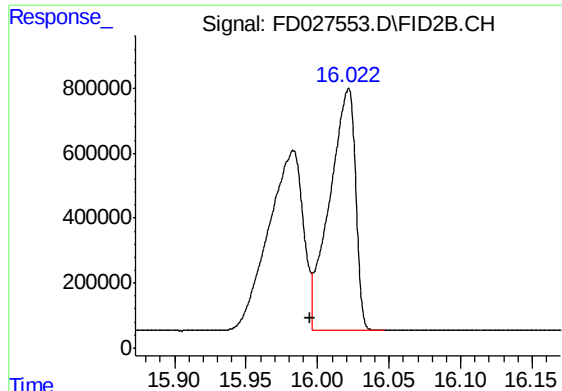
#15 Chrysene (C27.41)

R.T.: 14.481 min
Delta R.T.: 0.021 min
Response: 8693866
Conc: 95.58 ug/ml



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

R.T.: 15.983 min
Delta R.T.: 0.019 min
Response: 9496243
Conc: 98.09 ug/ml



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

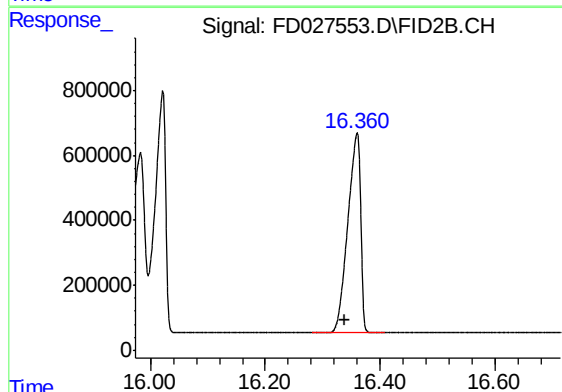
R.T.: 16.022 min
Delta R.T.: 0.026 min
Response: 9327030
Conc: 95.72 ug/ml m

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

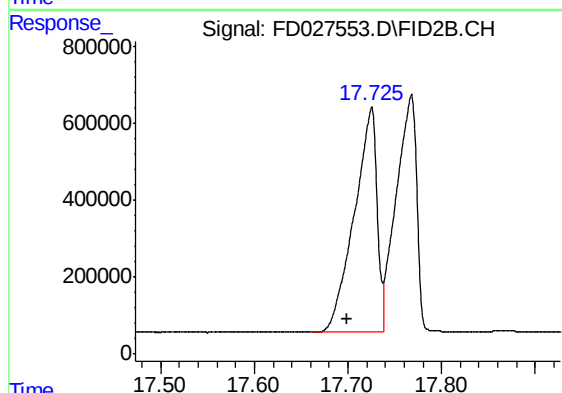
Sohil

2/5/2019 10:46:44 AM



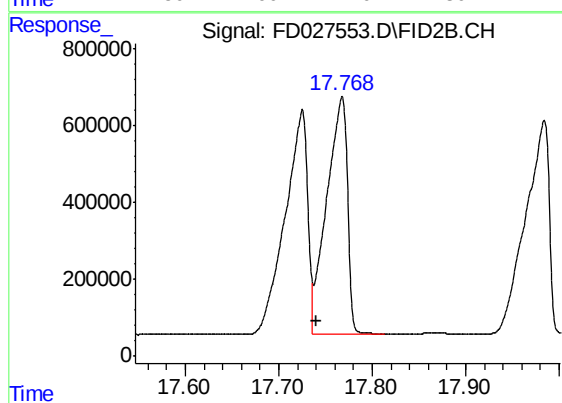
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: 0.021 min
Response: 9534853
Conc: 97.90 ug/ml



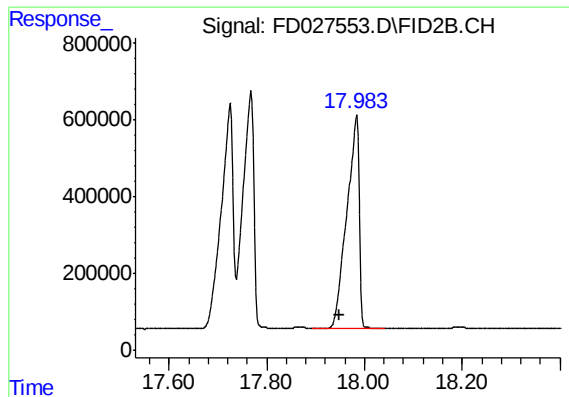
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.725 min
Delta R.T.: 0.026 min
Response: 9842241
Conc: 99.83 ug/ml



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

R.T.: 17.768 min
Delta R.T.: 0.028 min
Response: 9511085
Conc: 95.22 ug/ml m



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

R.T.: 17.984 min
Delta R.T.: 0.034 min
Response: 9748643
Conc: 98.00 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

Sohil

2/5/2019 10:46:44 AM