

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AR\
 Data File : FD038068.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 00:44
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

mohammad
 7/7/2021 11:33:26 AM

Integration File: autoint1.e
 Quant Time: Jul 07 03:09:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 03:09:16 2021
 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...	7.532	13523505	101.307 ug/ml
Spiked Amount 50.000		Recovery =	202.61%
6) S 2-Fluorobiphenyl (SURR)	8.393	9412245	101.820 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	203.64%#
11) S ortho-Terphenyl (SURR)	11.432	15079863	97.018 ug/ml
Spiked Amount 50.000		Recovery =	194.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.334	14428715	99.533 ug/ml
2) T Naphthalene (C11.7)	5.869	15442273	102.014 ug/ml
3) T 2-Methylnaphthalene (...)	6.922	15364139	101.521 ug/ml
5) T Acenaphthylene (C15.06)	8.197	15122612	98.842 ug/ml
7) T Acenaphthene (C15.5)	8.495	15577205	98.425 ug/ml
8) T Fluorene (C16.55)	9.274	15158192	100.377 ug/ml
9) T Phenanthrene (C19.36)	10.669	14914353	99.961 ug/ml
10) T Anthracene (C19.43)	10.746	14481563	100.847 ug/ml
12) T Fluoranthene (C21.85)	12.482	14668677	98.891 ug/ml
13) T Pyrene (C20.8)	12.779	14574824	100.151 ug/ml
14) T Benzo[a]anthracene (C...	14.649	13379445	99.453 ug/ml
15) T Chrysene (C27.41)	14.699	13605422	94.549 ug/mlm
16) T benzo[b]fluoranthene ...	16.202	12772661	97.753 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	12561446	94.577 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.583	11763572	97.035 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.953	11400412	106.137 ug/ml
20) T Dibenz[a,h]anthracene...	17.991	10586017	86.732 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.211	10919027	98.601 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AR\
Data File : FD038068.D
Signal(s) : FID2B.CH
Acq On : 07 Jul 2021 00:44
Operator : DD\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 60 Sample Multiplier: 1

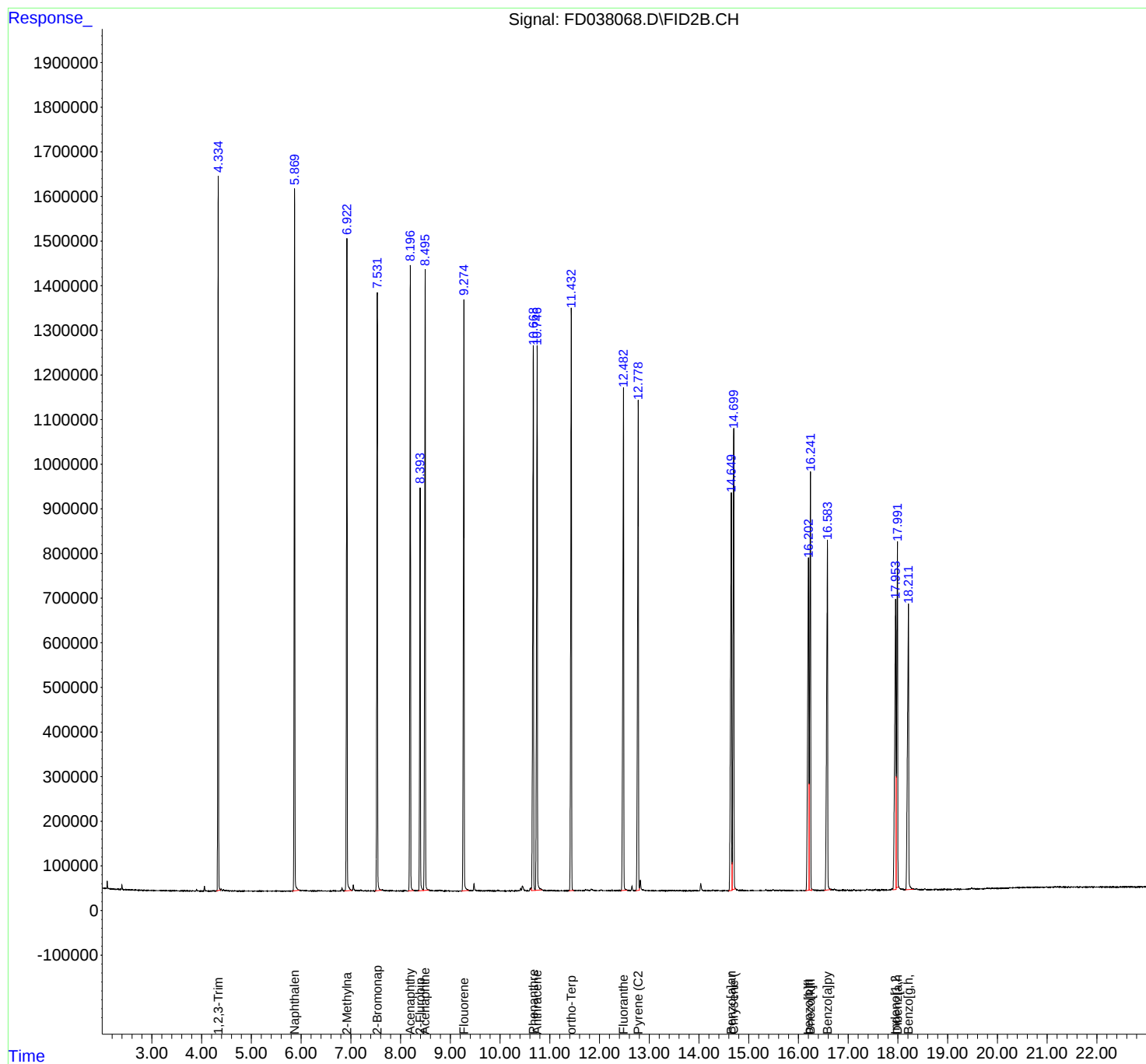
Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

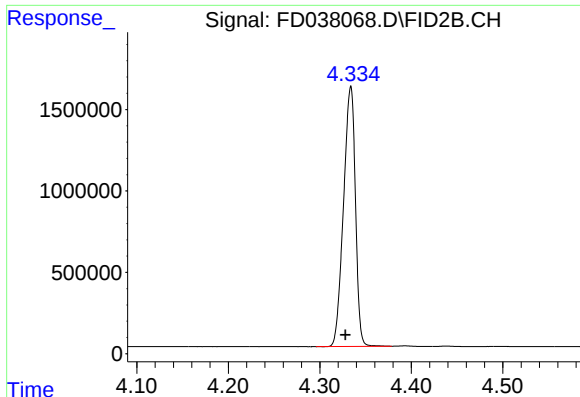
Manual Integrations
APPROVED

mohammad
7/7/2021 11:33:26 AM

Integration File: autoint1.e
Quant Time: Jul 07 03:09:47 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
Quant Title : GC Extractables
QLast Update : Wed Jul 07 03:09:16 2021
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





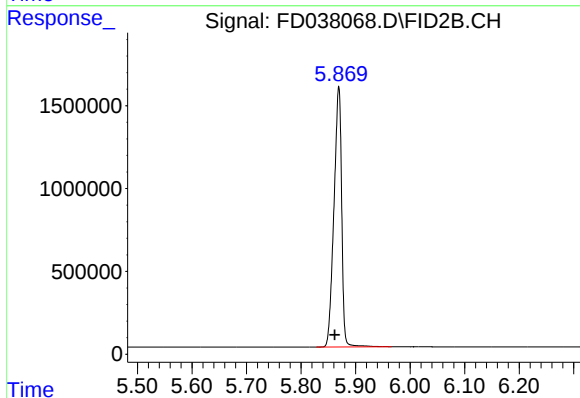
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.334 min
Delta R.T.: 0.006 min
Response: 14428715
Conc: 99.53 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

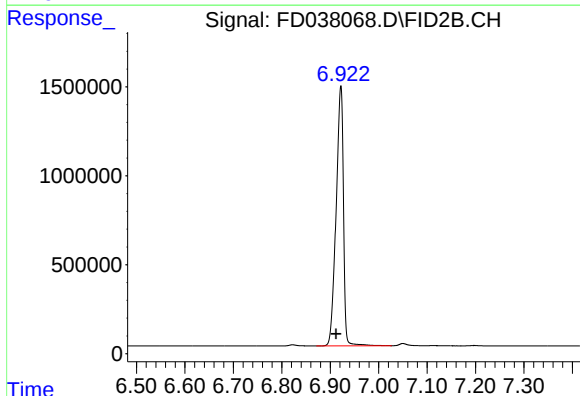
Manual Integrations
APPROVED

mohammad
7/7/2021 11:33:26 AM



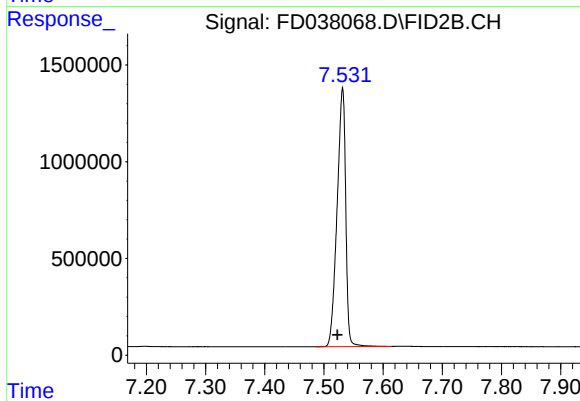
#2 Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: 0.007 min
Response: 15442273
Conc: 102.01 ug/ml



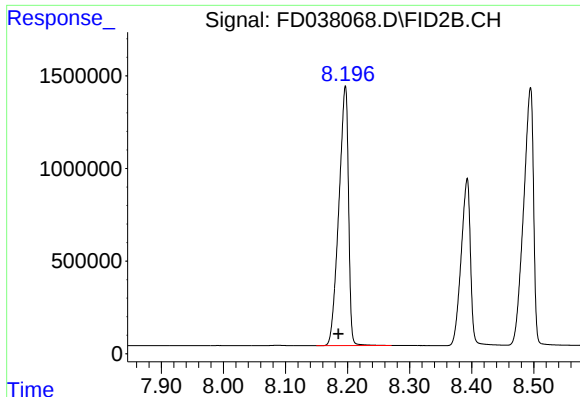
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.922 min
Delta R.T.: 0.010 min
Response: 15364139
Conc: 101.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.532 min
Delta R.T.: 0.008 min
Response: 13523505
Conc: 101.31 ug/ml



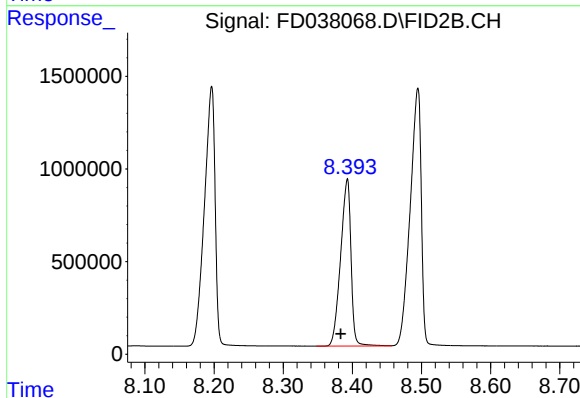
#5 Acenaphthylene (C15.06)

R.T.: 8.197 min
Delta R.T.: 0.011 min
Response: 15122612
Conc: 98.84 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

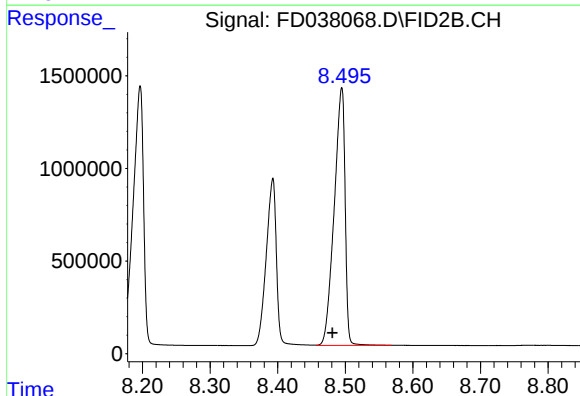
Manual Integrations
APPROVED

mohammad
7/7/2021 11:33:26 AM



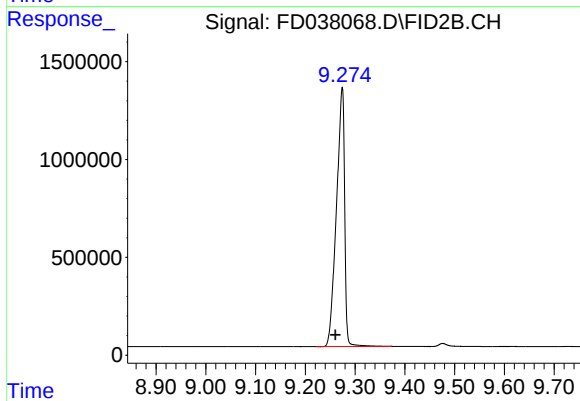
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.393 min
Delta R.T.: 0.010 min
Response: 9412245
Conc: 101.82 ug/ml



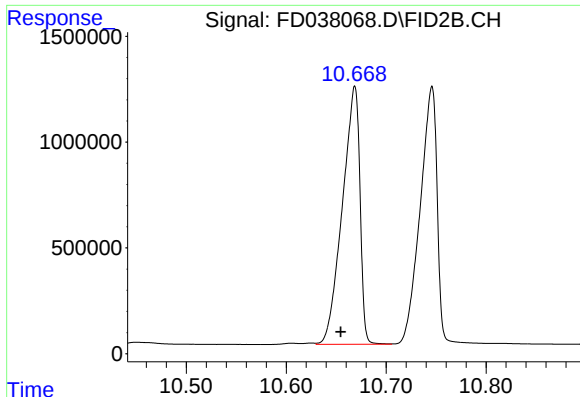
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: 0.014 min
Response: 15577205
Conc: 98.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.274 min
Delta R.T.: 0.014 min
Response: 15158192
Conc: 100.38 ug/ml



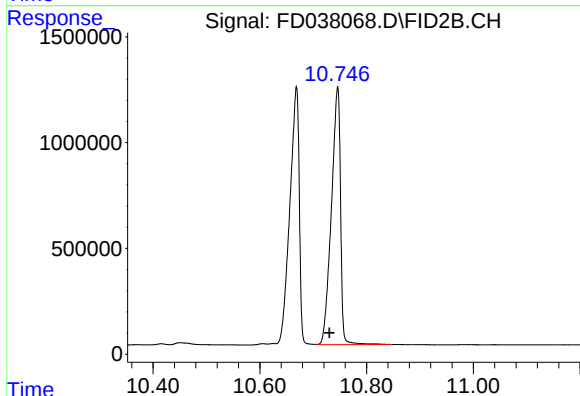
#9 Phenanthrene (C19.36)

R.T.: 10.669 min
Delta R.T.: 0.014 min
Response: 14914353
Conc: 99.96 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

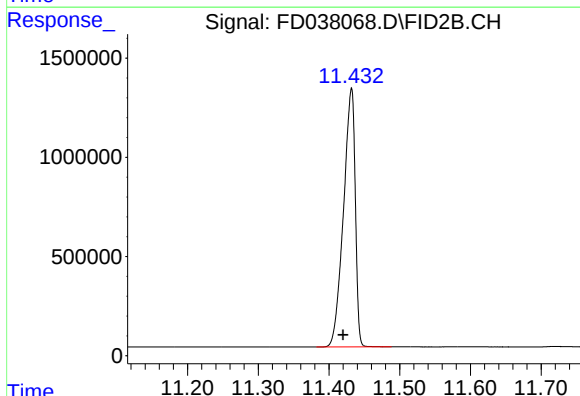
Manual Integrations
APPROVED

mohammad
7/7/2021 11:33:26 AM



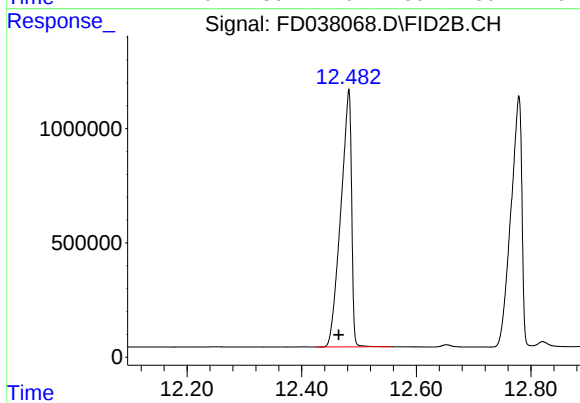
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.015 min
Response: 14481563
Conc: 100.85 ug/ml



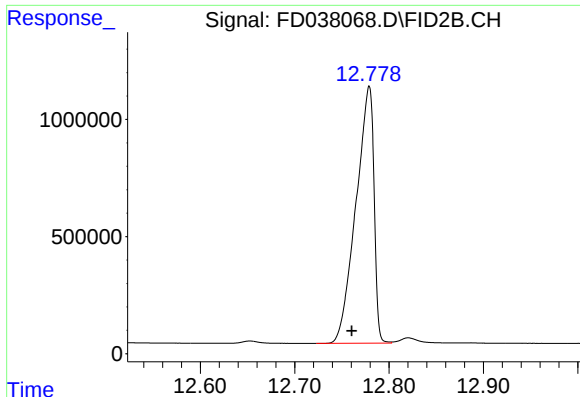
#11 ortho-Terphenyl (SURR)

R.T.: 11.432 min
Delta R.T.: 0.012 min
Response: 15079863
Conc: 97.02 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: 0.018 min
Response: 14668677
Conc: 98.89 ug/ml



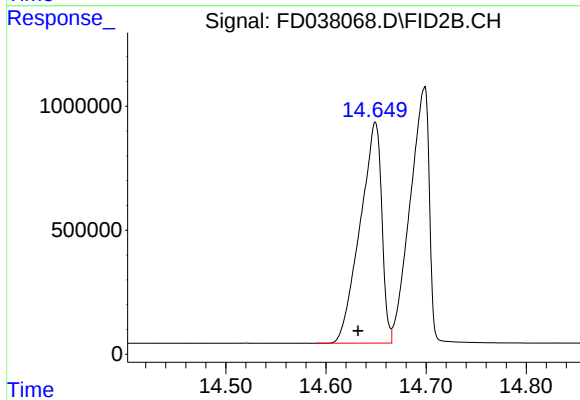
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: 0.018 min
Response: 14574824
Conc: 100.15 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

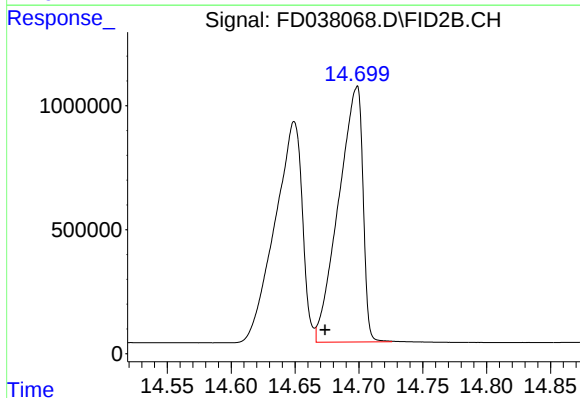
Manual Integrations
APPROVED

mohammad
7/7/2021 11:33:26 AM



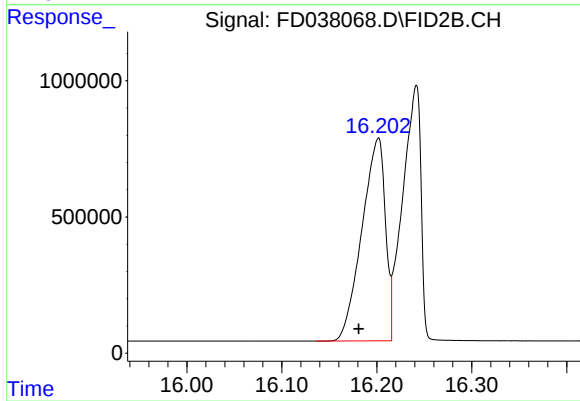
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: 0.017 min
Response: 13379445
Conc: 99.45 ug/ml



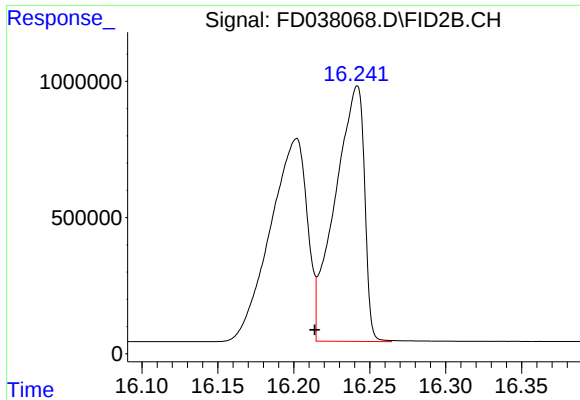
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.025 min
Response: 13605422
Conc: 94.55 ug/ml m



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

R.T.: 16.202 min
Delta R.T.: 0.021 min
Response: 12772661
Conc: 97.75 ug/ml



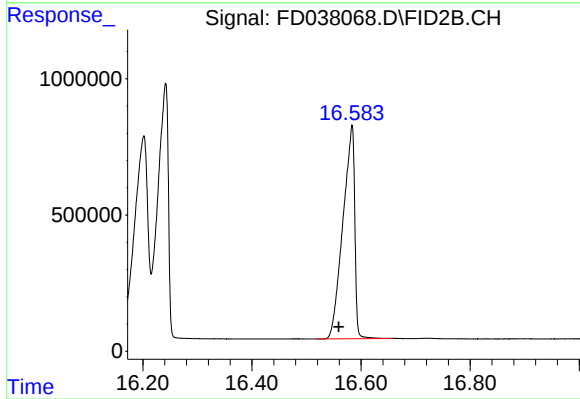
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.241 min
Delta R.T.: 0.028 min
Response: 12561446
Conc: 94.58 ug/ml m

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

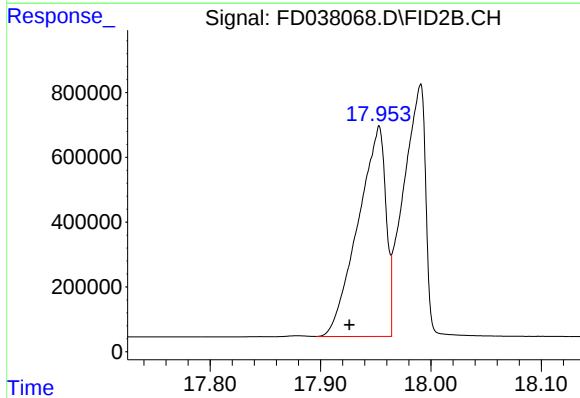
Manual Integrations
APPROVED

mohammad
7/7/2021 11:33:26 AM



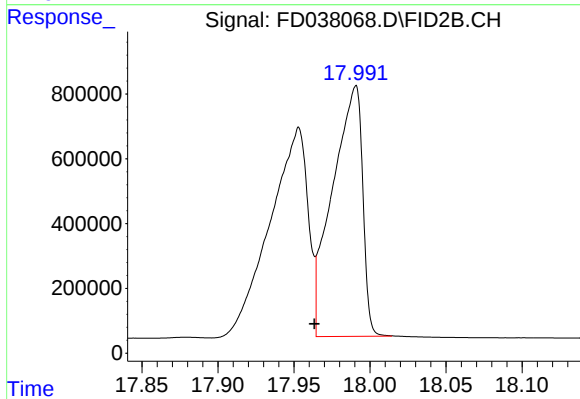
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.583 min
Delta R.T.: 0.024 min
Response: 11763572
Conc: 97.03 ug/ml



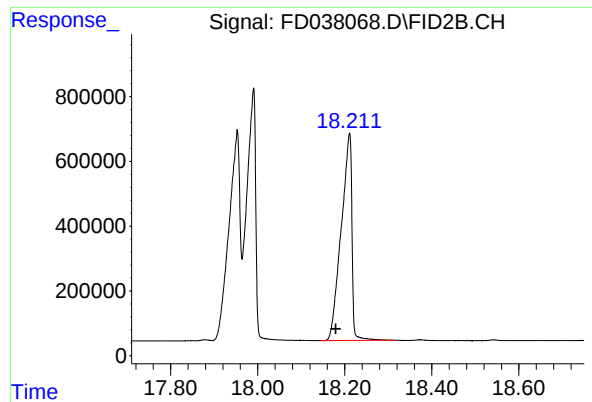
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.953 min
Delta R.T.: 0.027 min
Response: 11400412
Conc: 106.14 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.027 min
Response: 10586017
Conc: 86.73 ug/ml m



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

R.T.: 18.211 min
Delta R.T.: 0.032 min
Response: 10919027
Conc: 98.60 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

mohammad
7/7/2021 11:33:26 AM