

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
 Data File : FD042812.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 17:04
 Operator : UA/NP
 Sample : PB145301BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145301BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 06:17:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.664	6993173	45.764 ug/ml
Spiked Amount 50.000		Recovery =	91.53%
6) S 2-Fluorobiphenyl (SURR)	8.528	4642370	45.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.28%
11) S ortho-Terphenyl (SURR)	11.576	6284452	35.401 ug/ml
Spiked Amount 50.000		Recovery =	70.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	4977562	29.730 ug/ml
2) T Naphthalene (C11.7)	5.998	5658205	32.726 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	5808932	36.427 ug/ml
5) T Acenaphthylene (C15.06)	8.331	5789009	33.506 ug/ml
7) T Acenaphthene (C15.5)	8.628	6223658	36.170 ug/ml
8) T Flouorene (C16.55)	9.410	6470176	38.540 ug/ml
9) T Phenanthrene (C19.36)	10.809	6620696	40.262 ug/ml
10) T Anthracene (C19.43)	10.884	6534480	42.753 ug/ml
12) T Fluoranthene (C21.85)	12.624	6358279	40.358 ug/ml
13) T Pyrene (C20.8)	12.921	6276180	40.313 ug/ml
14) T Benzo[a]anthracene (C...	14.795	5717061	42.878 ug/ml
15) T Chrysene (C27.41)	14.840	6382295	48.307 ug/ml
16) T benzo[b]fluoranthene ...	16.350	5732560	43.032 ug/ml
17) T Bnezo[k]fluoranthene ...	16.384	5501283	44.416 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.728	5059109	40.875 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.098	5655148	50.736 ug/ml
20) T Dibenz[a,h]anthracene...	18.137	5231685	47.033 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.354	5328269	44.830 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
Data File : FD042812.D
Signal(s) : FID2B.CH
Acq On : 07 Jun 2022 17:04
Operator : UA/NP
Sample : PB145301BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

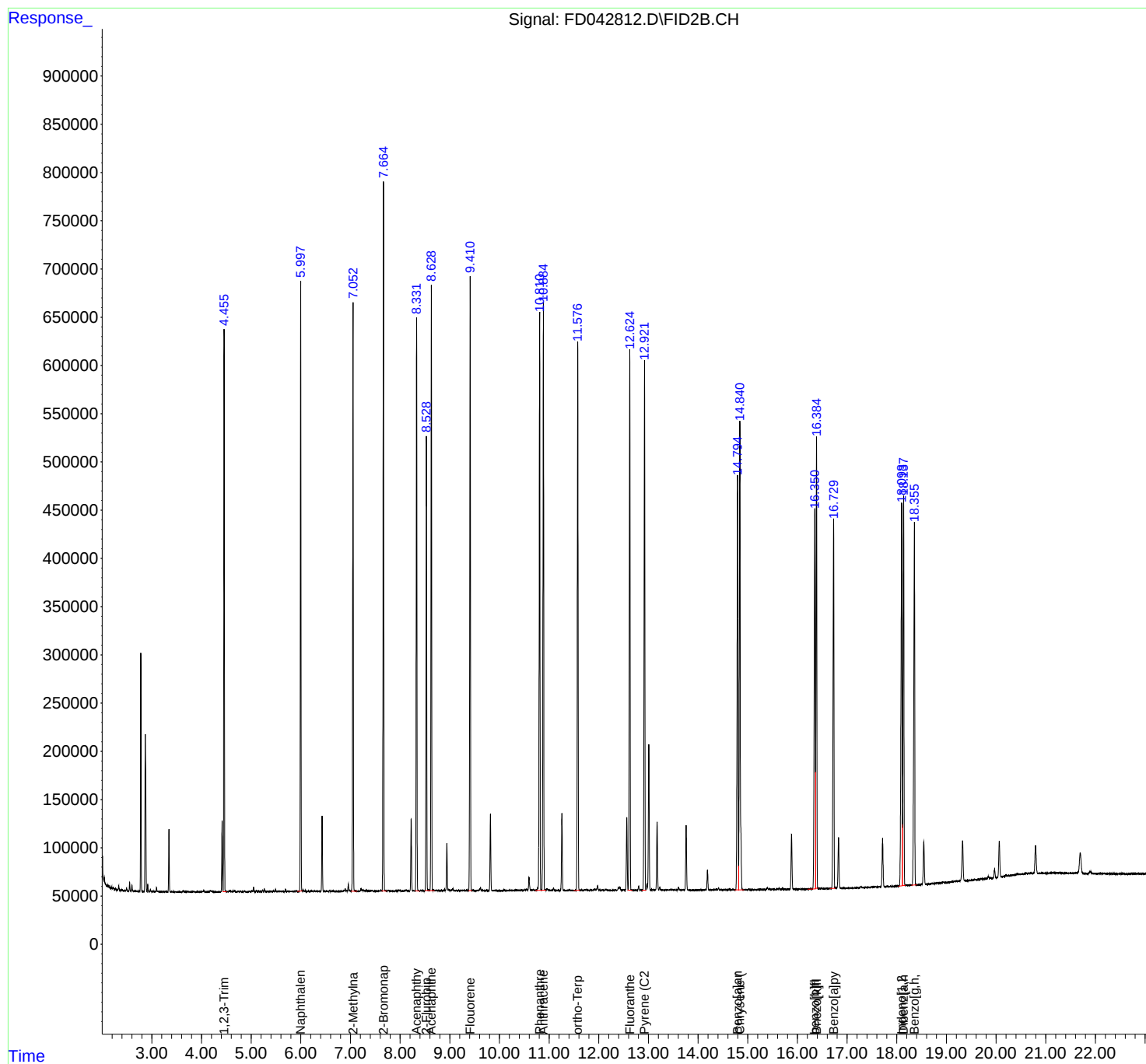
Instrument :
FID_D
ClientSampleId :
PB145301BS

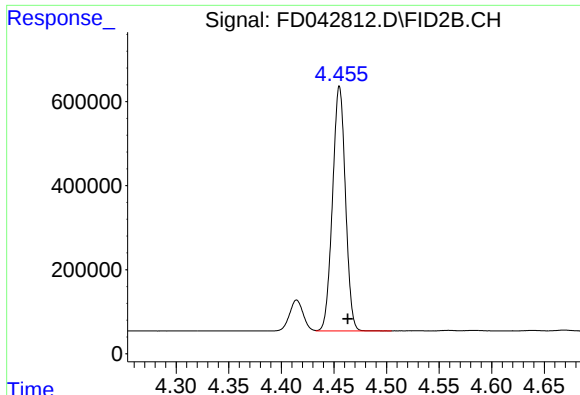
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
Quant Time: Jun 08 06:17:05 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
Quant Title : GC Extractables
QLast Update : Wed Jun 01 10:34:31 2022
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.: 4.455 min
Delta R.T.: -0.008 min
Response: 4977562
Conc: 29.73 ug/ml

Instrument :

FID_D

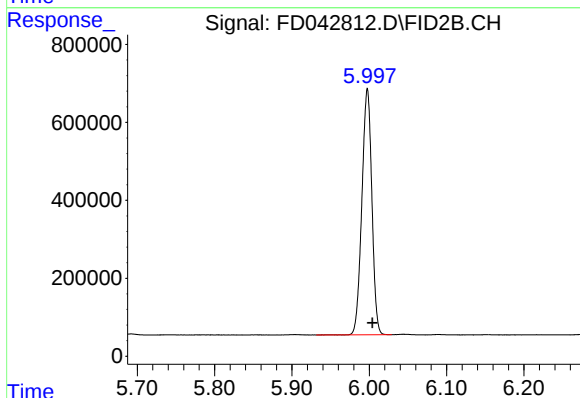
ClientSampleId :

PB145301BS

Manual Integrations

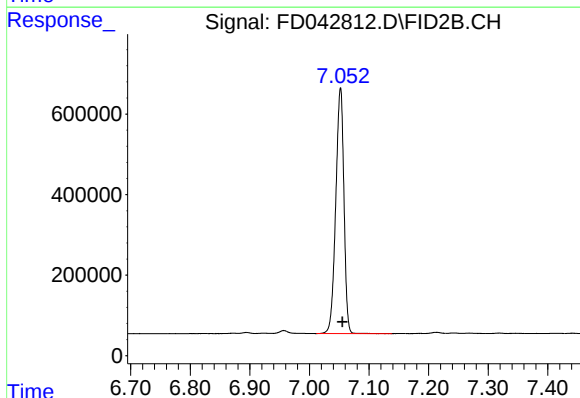
APPROVED

Reviewed By :Yogesh Patel 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



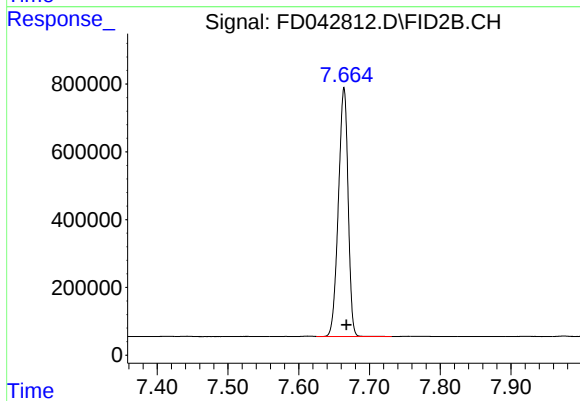
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.007 min
Response: 5658205
Conc: 32.73 ug/ml



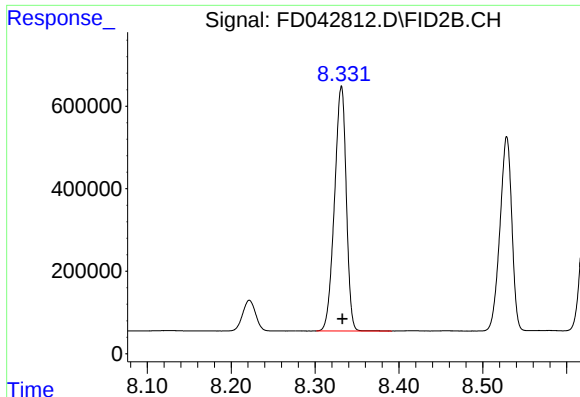
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 5808932
Conc: 36.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 6993173
Conc: 45.76 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 5789009
Conc: 33.51 ug/ml

Instrument :

FID_D

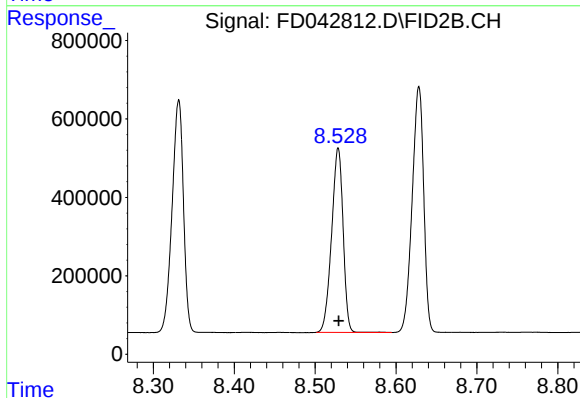
ClientSampleId :

PB145301BS

Manual Integrations

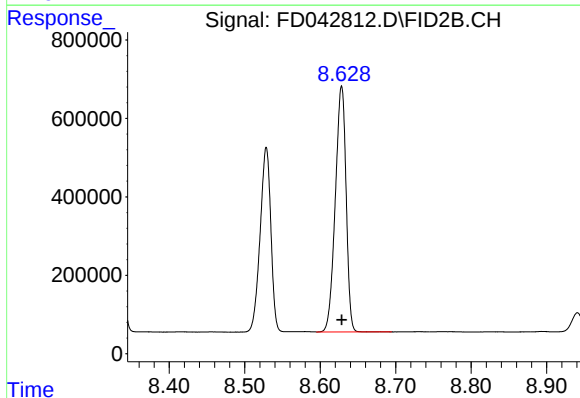
APPROVED

Reviewed By :Yogesh Patel 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



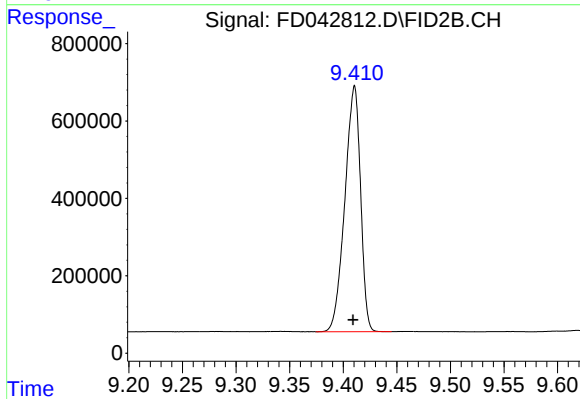
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.528 min
Delta R.T.: 0.000 min
Response: 4642370
Conc: 45.14 ug/ml



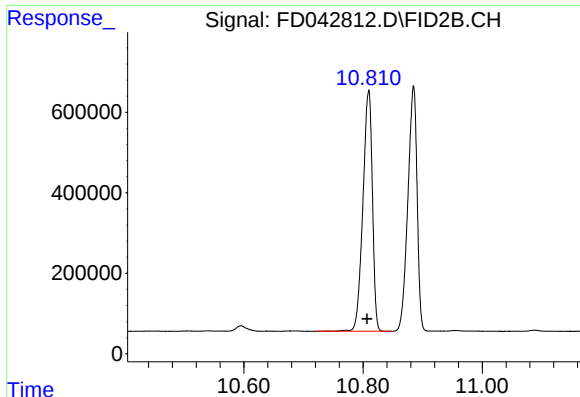
#7 Acenaphthene (C15.5)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 6223658
Conc: 36.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 6470176
Conc: 38.54 ug/ml



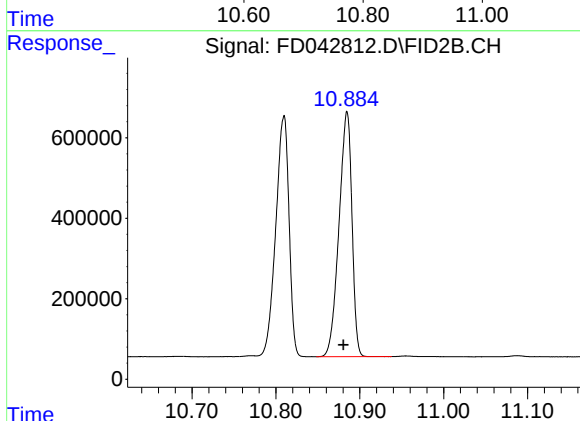
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: 0.002 min
Response: 6620696
Conc: 40.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB145301BS

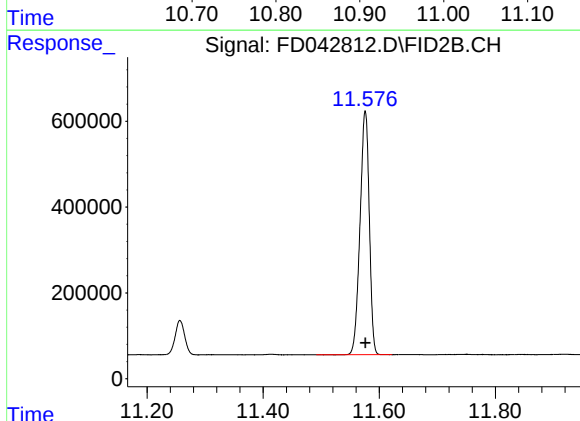
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



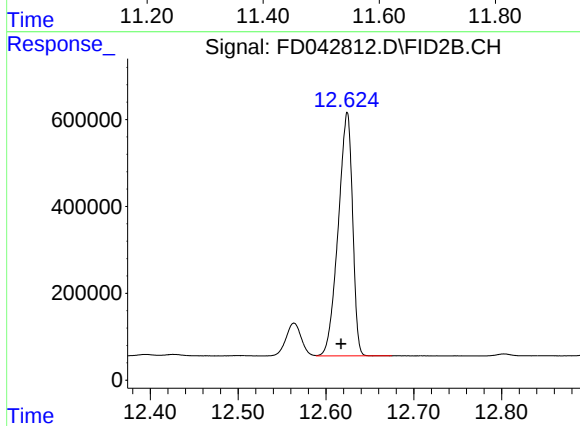
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: 0.004 min
Response: 6534480
Conc: 42.75 ug/ml



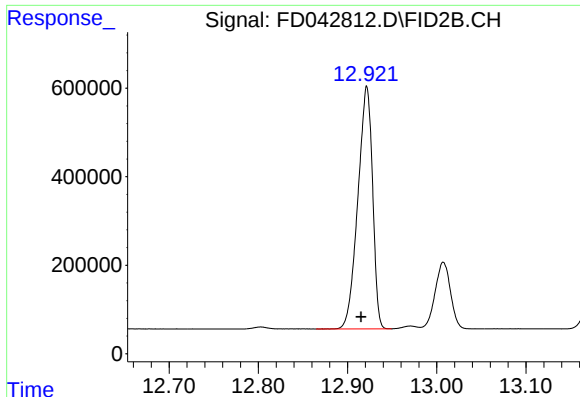
#11 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 6284452
Conc: 35.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: 0.006 min
Response: 6358279
Conc: 40.36 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.921 min
Delta R.T.: 0.006 min
Response: 6276180
Conc: 40.31 ug/ml

Instrument :

FID_D

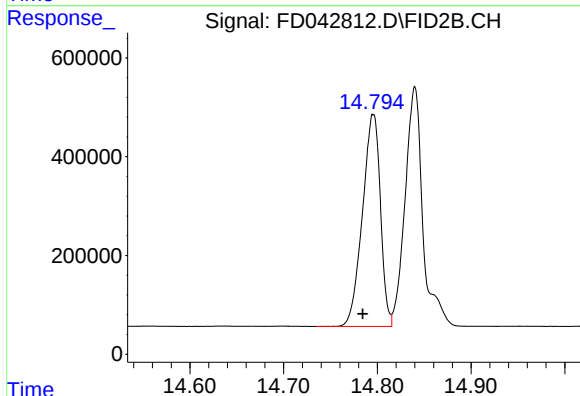
ClientSampleId :

PB145301BS

Manual Integrations

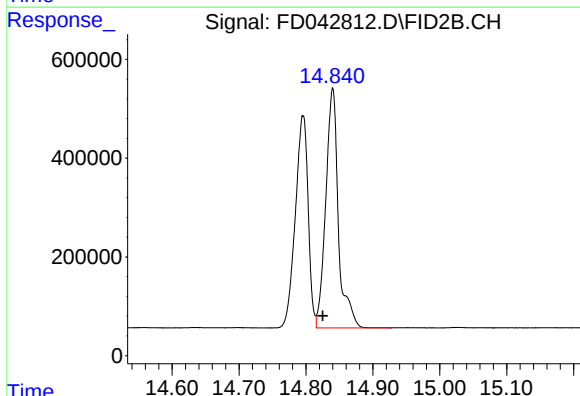
APPROVED

Reviewed By :Yogesh Patel 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



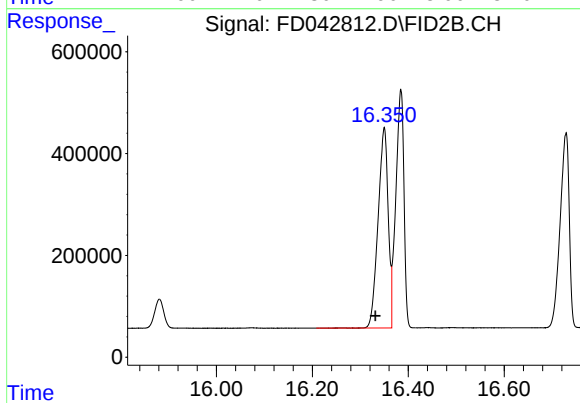
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.795 min
Delta R.T.: 0.011 min
Response: 5717061
Conc: 42.88 ug/ml



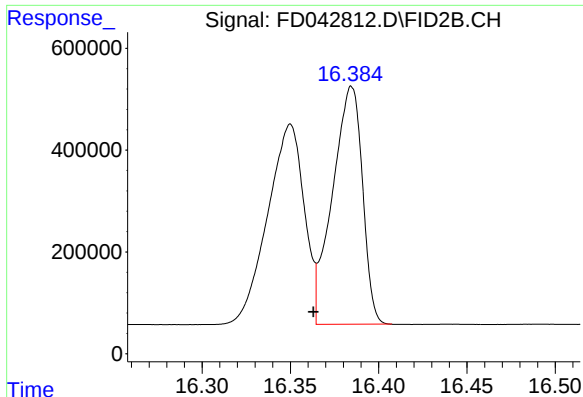
#15 Chrysene (C27.41)

R.T.: 14.840 min
Delta R.T.: 0.015 min
Response: 6382295
Conc: 48.31 ug/ml



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

R.T.: 16.350 min
Delta R.T.: 0.018 min
Response: 5732560
Conc: 43.03 ug/ml



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

R.T.: 16.384 min
Delta R.T.: 0.021 min
Response: 5501283
Conc: 44.42 ug/ml

Instrument :

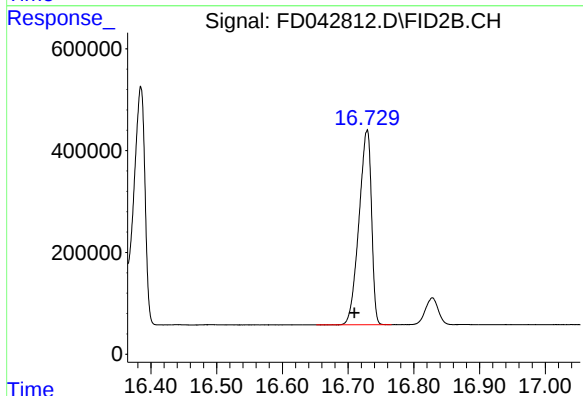
FID_D

ClientSampleId :

PB145301BS

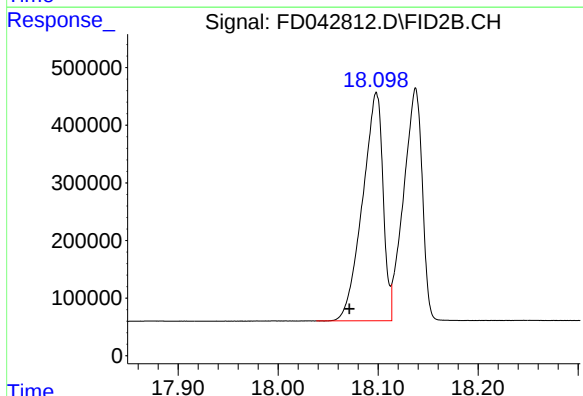
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



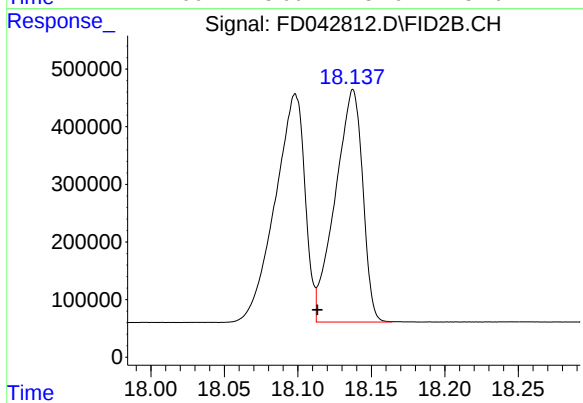
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.728 min
Delta R.T.: 0.018 min
Response: 5059109
Conc: 40.87 ug/ml



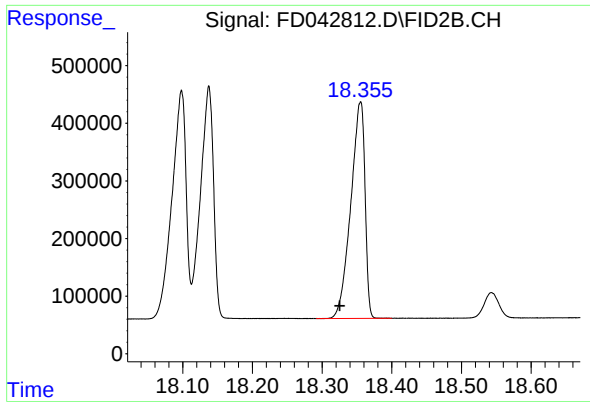
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.098 min
Delta R.T.: 0.026 min
Response: 5655148
Conc: 50.74 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.024 min
Response: 5231685
Conc: 47.03 ug/ml m



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

R.T.: 18.354 min
Delta R.T.: 0.029 min
Response: 5328269
Conc: 44.83 ug/ml

Instrument :

FID_D

ClientSampleId :

PB145301BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022