

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AR\
 Data File : FD040354.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2022 14:42
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2022
 Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
 Quant Time: Jan 04 00:41:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 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...	6.798	3146593	23.947 ug/ml
Spiked Amount 50.000		Recovery =	47.89%
6) S 2-Fluorobiphenyl (SURR)	7.646	2053597	24.186 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.37%
11) S ortho-Terphenyl (SURR)	10.680	3387655	24.245 ug/ml
Spiked Amount 50.000		Recovery =	48.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.653	3574225	23.766 ug/mlm
2) T Naphthalene (C11.7)	5.148	3617632	23.979 ug/ml
3) T 2-Methylnaphthalene (...)	6.189	3616316	24.084 ug/ml
5) T Acenaphthylene (C15.06)	7.452	3289308	24.161 ug/ml
7) T Acenaphthene (C15.5)	7.745	3523660	24.256 ug/ml
8) T Flouorene (C16.55)	8.521	3349507	24.257 ug/ml
9) T Phenanthrene (C19.36)	9.908	3260268	24.184 ug/ml
10) T Anthracene (C19.43)	9.980	3068200	24.397 ug/ml
12) T Fluoranthene (C21.85)	11.709	3247534	24.180 ug/ml
13) T Pyrene (C20.8)	12.003	3186944	24.397 ug/ml
14) T Benzo[a]anthracene (C...	13.870	2915436	24.952 ug/ml
15) T Chrysene (C27.41)	13.912	3107017	24.851 ug/ml
16) T benzo[b]fluoranthene ...	15.413	2966998	23.920 ug/ml
17) T Bnezo[k]fluoranthene ...	15.446	3060051	24.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.788	2893271	24.034 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.147	2356532	20.304 ug/ml
20) T Dibenz[a,h]anthracene...	17.189	2515201	22.129 ug/ml
21) T Benzo[g,h,i]perylene ...	17.398	2598717	21.294 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AR\
Data File : FD040354.D
Signal(s) : FID2B.CH
Acq On : 03 Jan 2022 14:42
Operator : AJ\MA
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

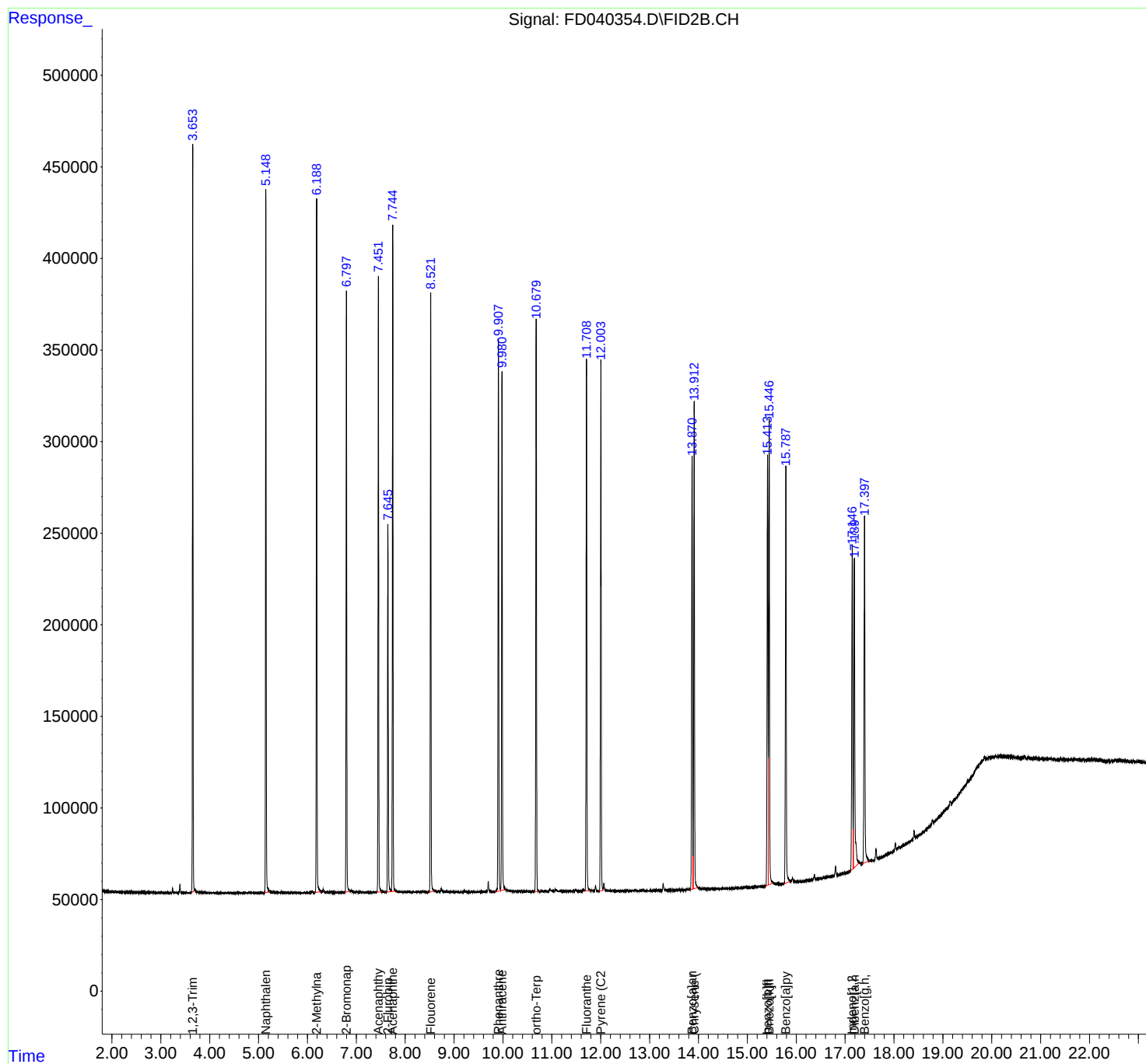
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

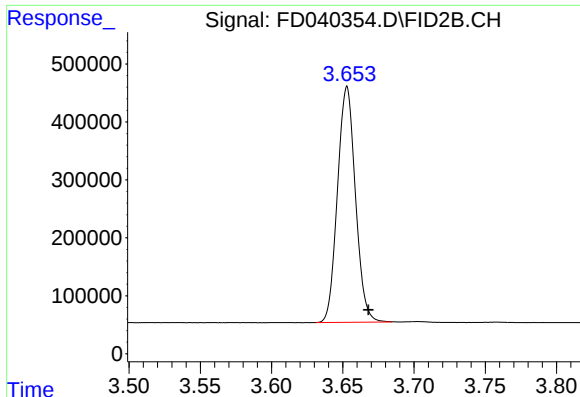
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
Quant Time: Jan 04 00:41:15 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
Quant Title : GC Extractables
QLast Update : Thu Dec 30 16:15:14 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





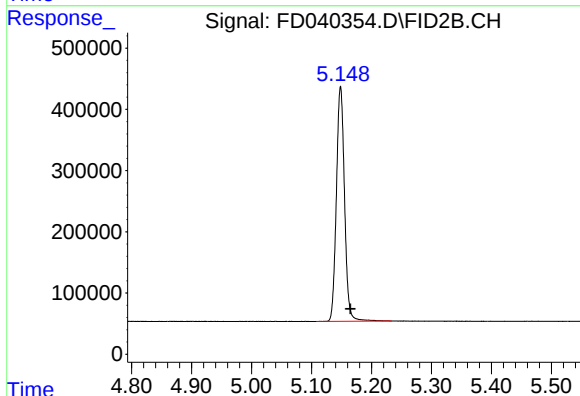
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.653 min
Delta R.T.: -0.015 min
Response: 3574225
Conc: 23.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

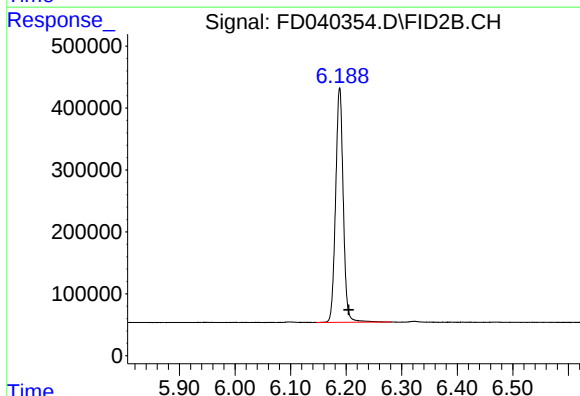
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022



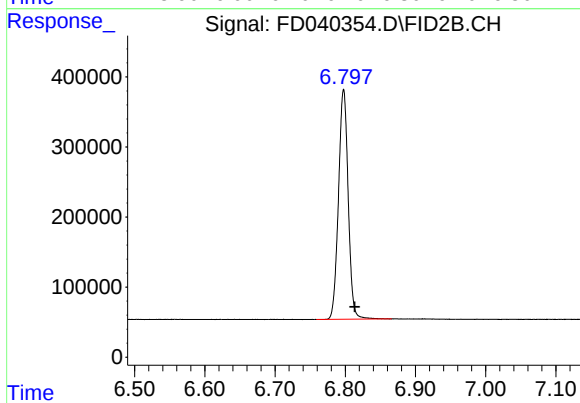
#2 Naphthalene (C11.7)

R.T.: 5.148 min
Delta R.T.: -0.016 min
Response: 3617632
Conc: 23.98 ug/ml



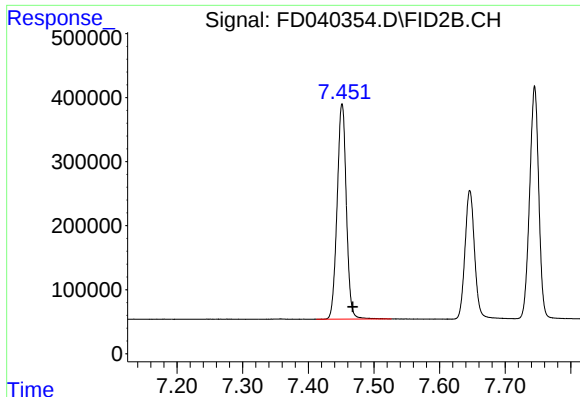
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.016 min
Response: 3616316
Conc: 24.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.798 min
Delta R.T.: -0.016 min
Response: 3146593
Conc: 23.95 ug/ml



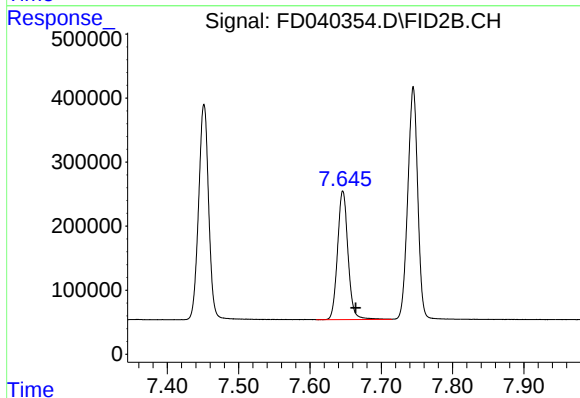
#5 Acenaphthylene (C15.06)

R.T.: 7.452 min
Delta R.T.: -0.016 min
Response: 3289308
Conc: 24.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

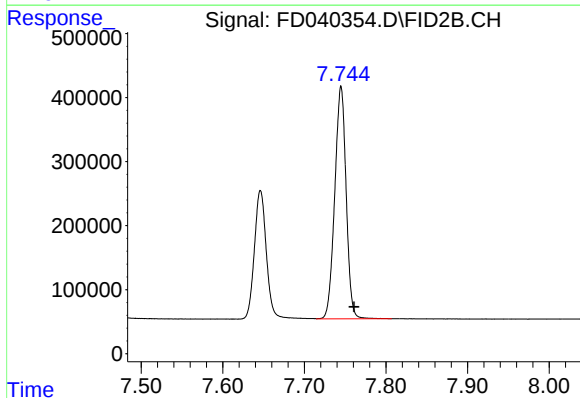
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022



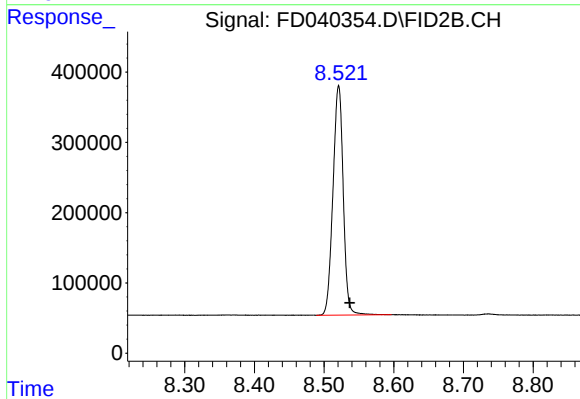
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.646 min
Delta R.T.: -0.018 min
Response: 2053597
Conc: 24.19 ug/ml



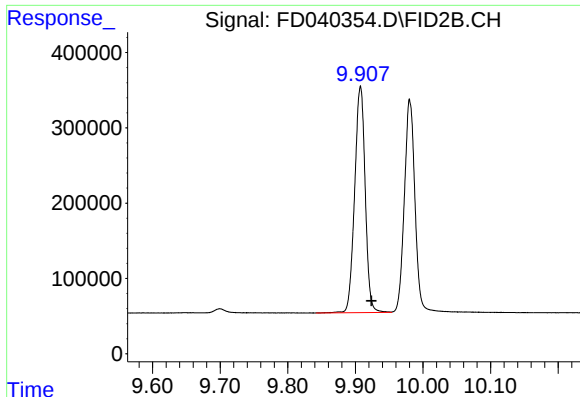
#7 Acenaphthene (C15.5)

R.T.: 7.745 min
Delta R.T.: -0.016 min
Response: 3523660
Conc: 24.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.521 min
Delta R.T.: -0.016 min
Response: 3349507
Conc: 24.26 ug/ml



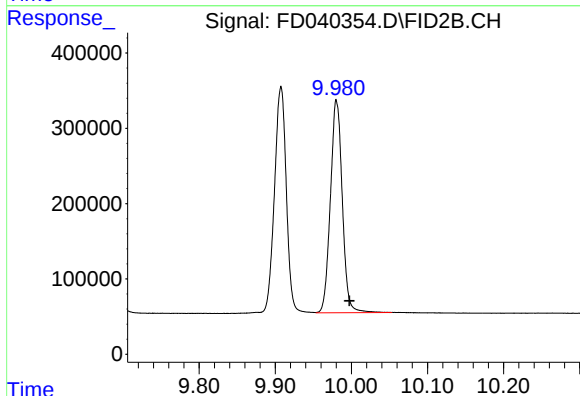
#9 Phenanthrene (C19.36)

R.T.: 9.908 min
Delta R.T.: -0.016 min
Response: 3260268
Conc: 24.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

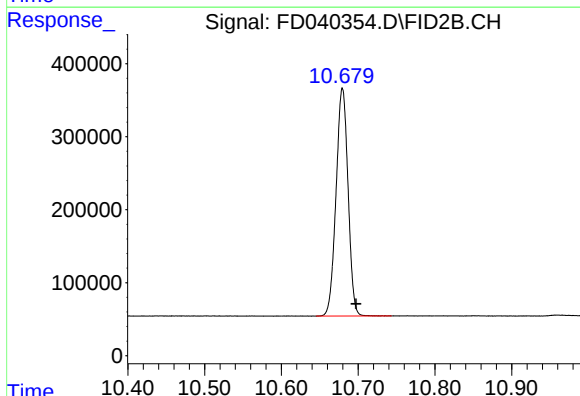
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022



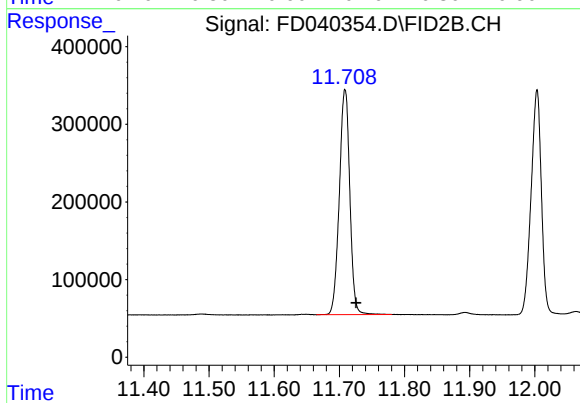
#10 Anthracene (C19.43)

R.T.: 9.980 min
Delta R.T.: -0.017 min
Response: 3068200
Conc: 24.40 ug/ml



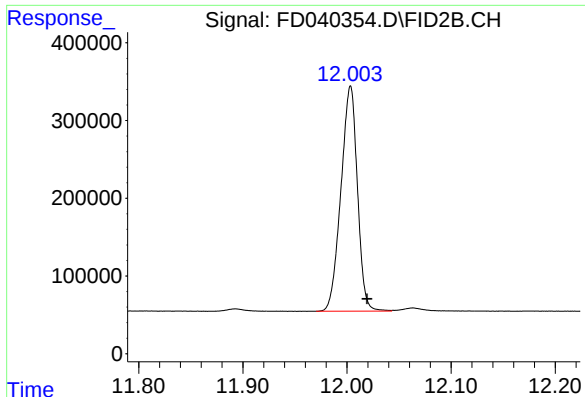
#11 ortho-Terphenyl (SURR)

R.T.: 10.680 min
Delta R.T.: -0.018 min
Response: 3387655
Conc: 24.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.709 min
Delta R.T.: -0.017 min
Response: 3247534
Conc: 24.18 ug/ml



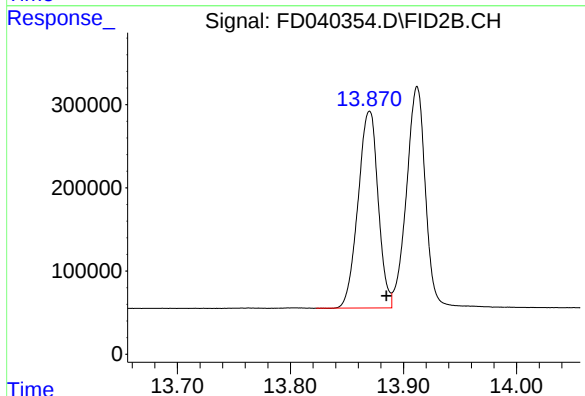
#13 Pyrene (C20.8)

R.T.: 12.003 min
Delta R.T.: -0.016 min
Response: 3186944
Conc: 24.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

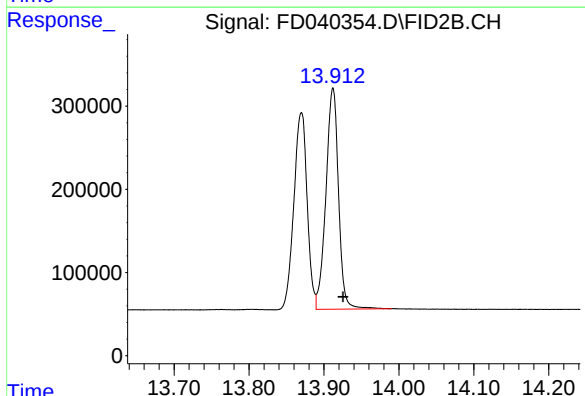
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022



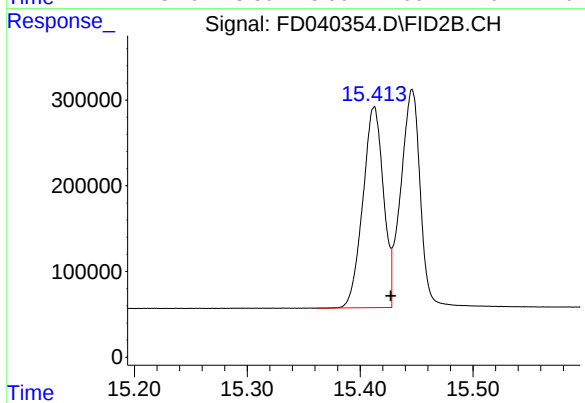
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.870 min
Delta R.T.: -0.015 min
Response: 2915436
Conc: 24.95 ug/ml



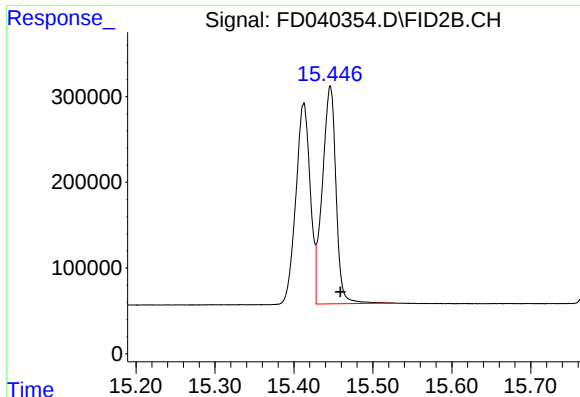
#15 Chrysene (C27.41)

R.T.: 13.912 min
Delta R.T.: -0.014 min
Response: 3107017
Conc: 24.85 ug/ml



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

R.T.: 15.413 min
Delta R.T.: -0.014 min
Response: 2966998
Conc: 23.92 ug/ml



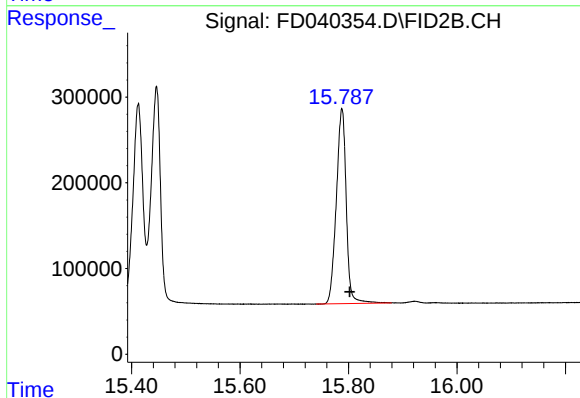
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.446 min
Delta R.T.: -0.013 min
Response: 3060051
Conc: 24.63 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

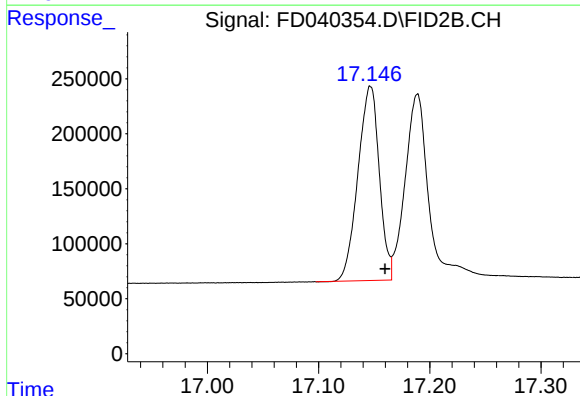
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022



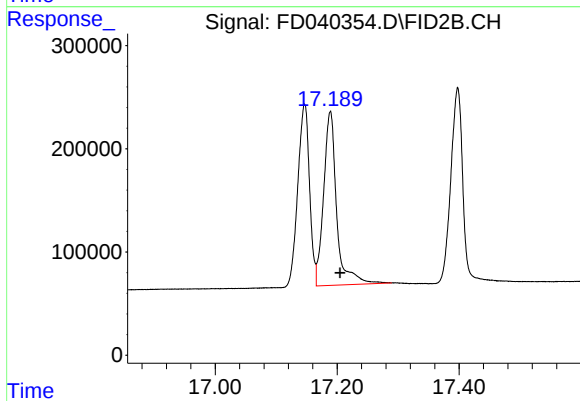
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.788 min
Delta R.T.: -0.015 min
Response: 2893271
Conc: 24.03 ug/ml



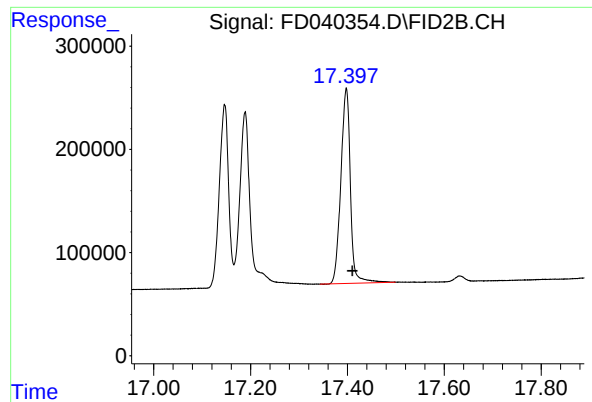
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.147 min
Delta R.T.: -0.013 min
Response: 2356532
Conc: 20.30 ug/ml



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

R.T.: 17.189 min
Delta R.T.: -0.016 min
Response: 2515201
Conc: 22.13 ug/ml



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

R.T.: 17.398 min
Delta R.T.: -0.012 min
Response: 2598717
Conc: 21.29 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022