

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046441.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2023 03:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 03:41:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.494	3352640	19.852 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
6) S 2-Fluorobiphenyl (SURR)	8.347	2214642	19.900 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.80%
11) S ortho-Terphenyl (SURR)	11.386	3927969	20.028 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	3463124	19.708 ug/ml
2) T Naphthalene (C11.7)	5.833	3647703	19.791 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	3699635	19.925 ug/ml
5) T Acenaphthylene (C15.06)	8.151	3334402	19.594 ug/ml
7) T Acenaphthene (C15.5)	8.446	3579006	19.866 ug/ml
8) T Flouorene (C16.55)	9.224	3483236	19.916 ug/ml
9) T Phenanthrene (C19.36)	10.614	3398859	19.810 ug/ml
10) T Anthracene (C19.43)	10.687	2877553	17.058 ug/ml
12) T Fluoranthene (C21.85)	12.416	3356068	20.172 ug/ml
13) T Pyrene (C20.8)	12.710	3193950	19.817 ug/ml
14) T Benzo[a]anthracene (C...	14.574	2715313	19.300 ug/ml
15) T Chrysene (C27.41)	14.616	2905708	19.589 ug/ml
16) T benzo[b]fluoranthene ...	16.115	2642183	19.445 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.148	2732599	20.142 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	2517557	19.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	2427076	19.458 ug/mlm
20) T Dibenz[a,h]anthracene...	17.888	2729843	21.785 ug/ml
21) T Benzo[g,h,i]perylene ...	18.098	2526312	19.700 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
Data File : FD046441.D
Signal(s) : FID2B.ch
Acq On : 06 Sep 2023 03:03
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

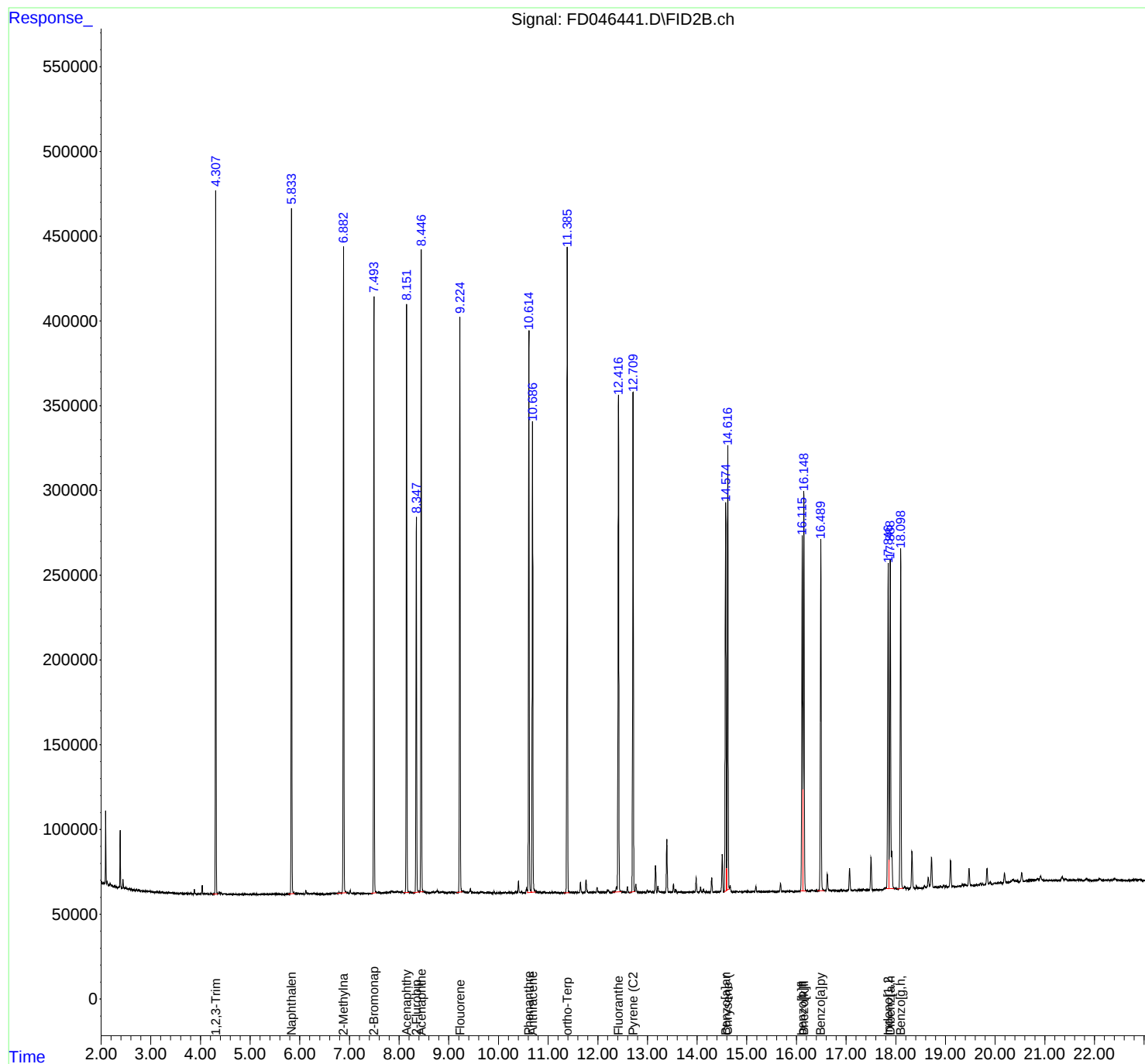
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

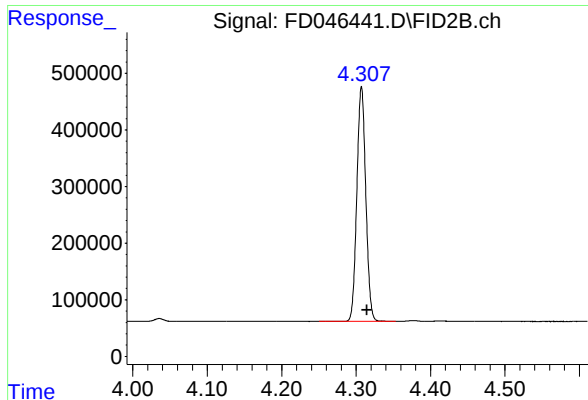
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
Quant Time: Sep 06 03:41:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
Quant Title : GC Extractables
QLast Update : Tue Aug 22 12:26:56 2023
Response via : Initial Calibration
Integrator: ChemStation

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





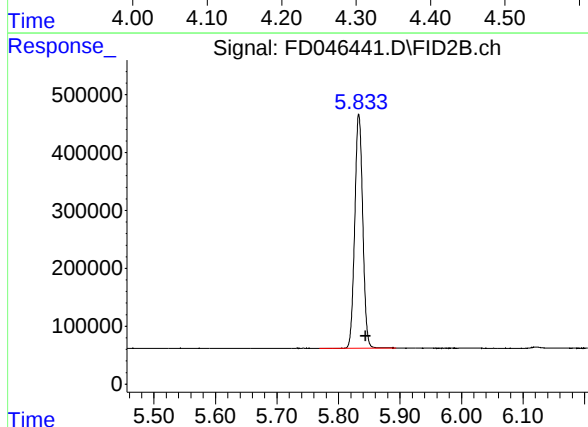
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.307 min
Delta R.T.: -0.008 min
Response: 3463124
Conc: 19.71 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

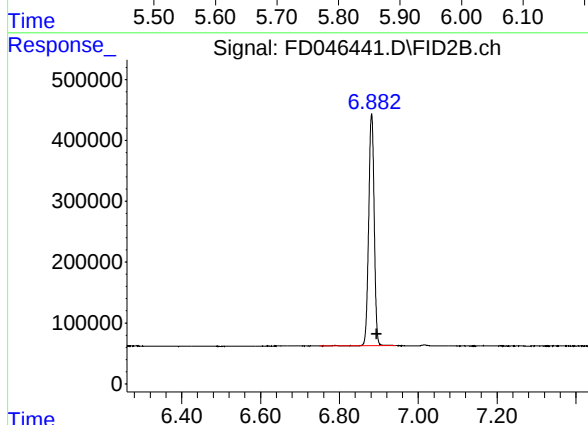
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :Ankita Jodhani 09/06/2023



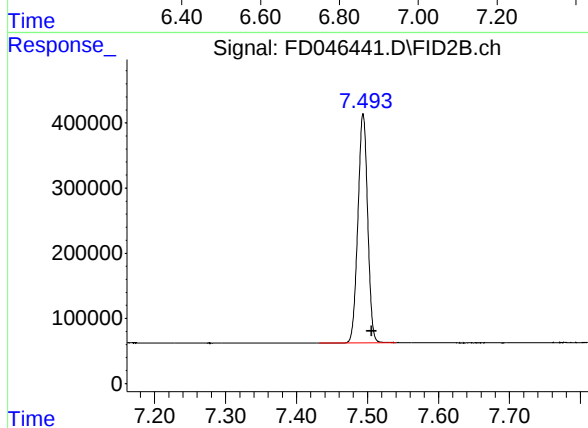
#2 Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: -0.011 min
Response: 3647703
Conc: 19.79 ug/ml



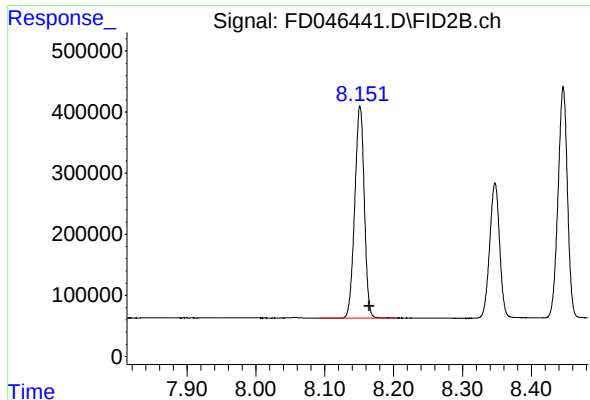
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: -0.013 min
Response: 3699635
Conc: 19.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: -0.012 min
Response: 3352640
Conc: 19.85 ug/ml



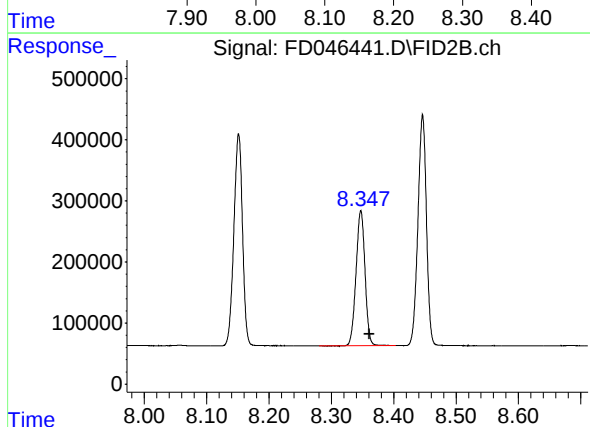
#5 Acenaphthylene (C15.06)

R.T.: 8.151 min
Delta R.T.: -0.014 min
Response: 3334402
Conc: 19.59 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

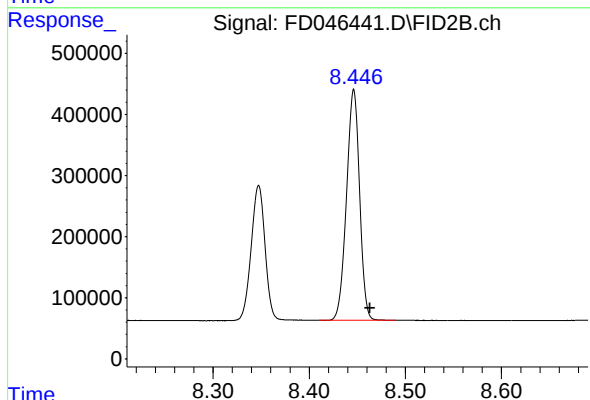
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :Ankita Jodhani 09/06/2023



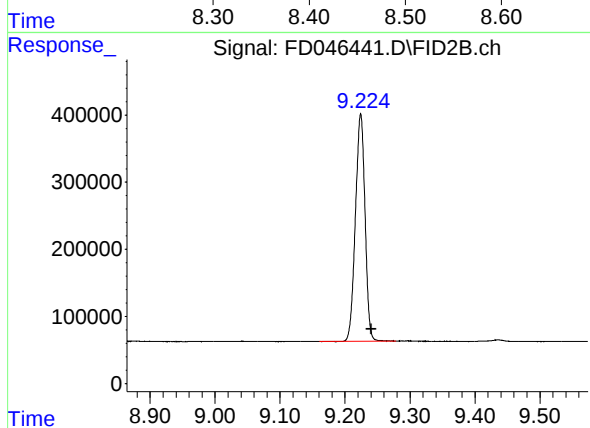
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: -0.014 min
Response: 2214642
Conc: 19.90 ug/ml



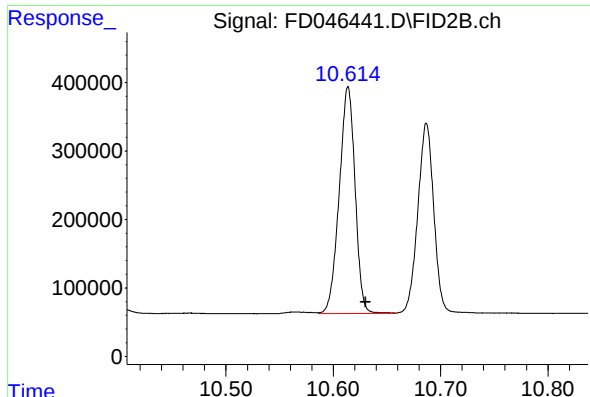
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.017 min
Response: 3579006
Conc: 19.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.224 min
Delta R.T.: -0.016 min
Response: 3483236
Conc: 19.92 ug/ml



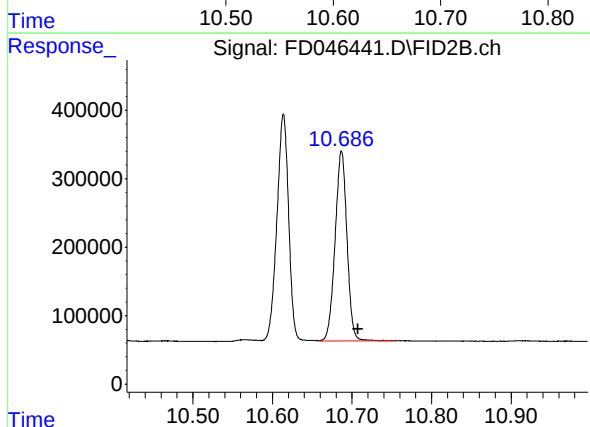
#9 Phenanthrene (C19.36)

R.T.: 10.614 min
Delta R.T.: -0.017 min
Response: 3398859
Conc: 19.81 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

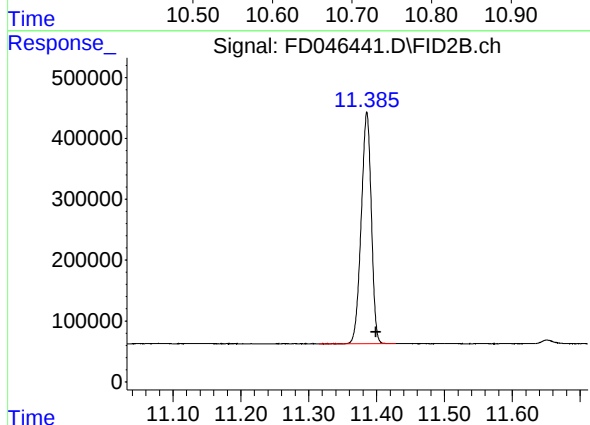
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :Ankita Jodhani 09/06/2023



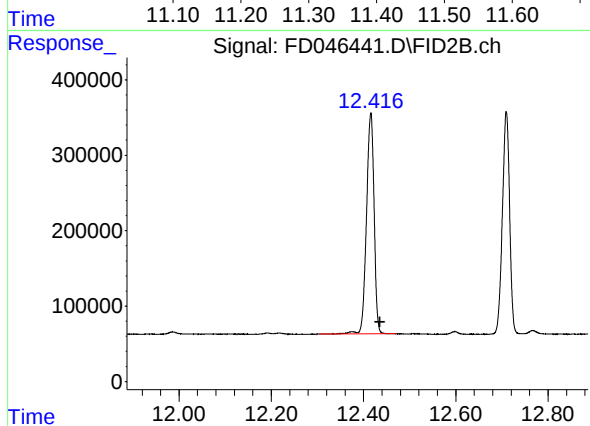
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: -0.021 min
Response: 2877553
Conc: 17.06 ug/ml



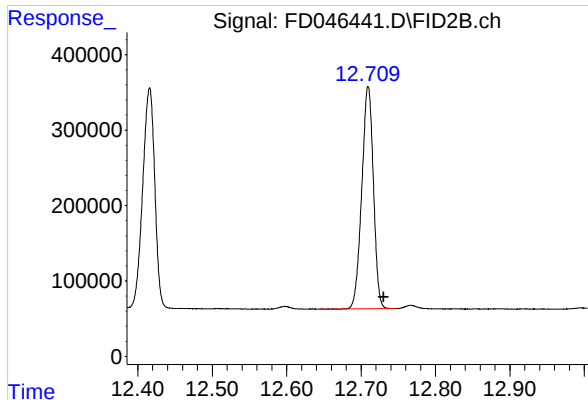
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: -0.014 min
Response: 3927969
Conc: 20.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.416 min
Delta R.T.: -0.020 min
Response: 3356068
Conc: 20.17 ug/ml



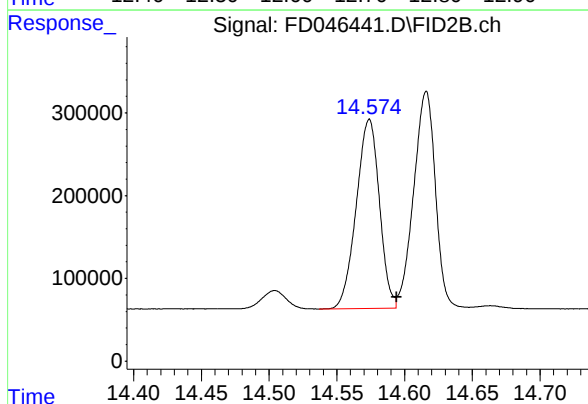
#13 Pyrene (C20.8)

R.T.: 12.710 min
Delta R.T.: -0.021 min
Response: 3193950
Conc: 19.82 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

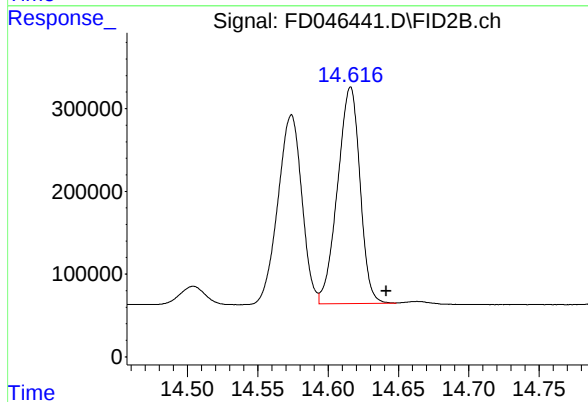
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :Ankita Jodhani 09/06/2023



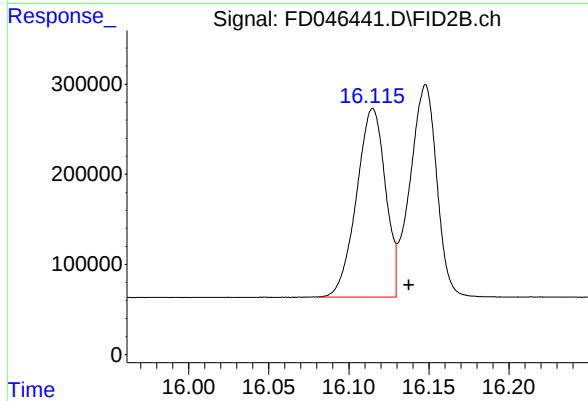
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.020 min
Response: 2715313
Conc: 19.30 ug/ml



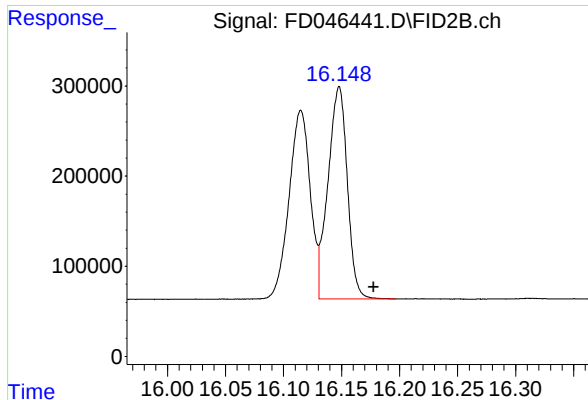
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: -0.026 min
Response: 2905708
Conc: 19.59 ug/ml



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

R.T.: 16.115 min
Delta R.T.: -0.023 min
Response: 2642183
Conc: 19.44 ug/ml m



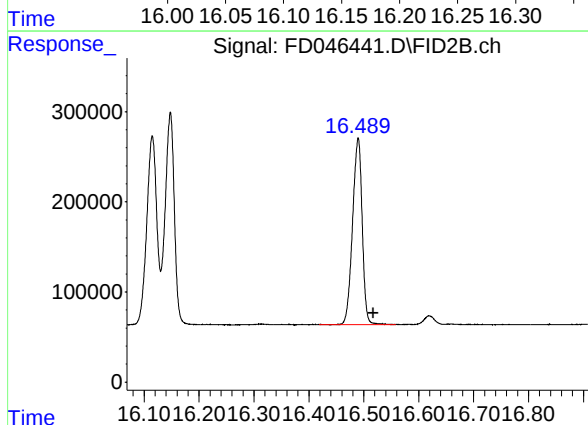
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.148 min
Delta R.T.: -0.030 min
Response: 2732599
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

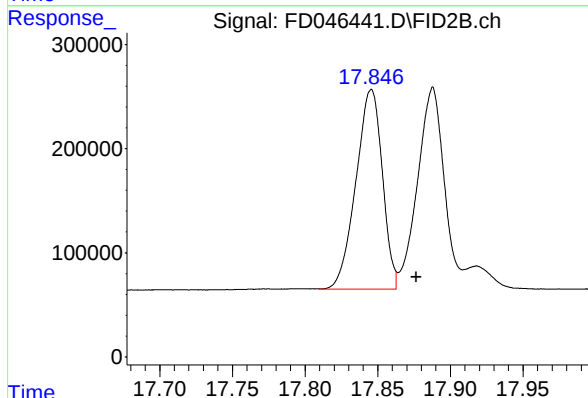
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :Ankita Jodhani 09/06/2023



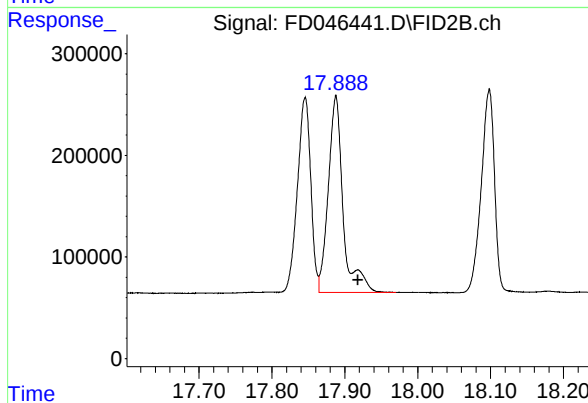
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: -0.028 min
Response: 2517557
Conc: 19.11 ug/ml



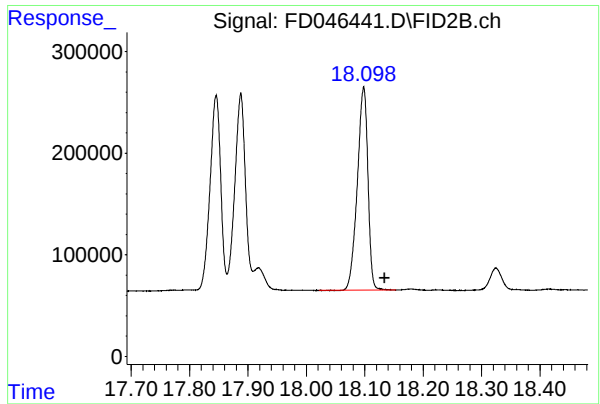
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.846 min
Delta R.T.: -0.031 min
Response: 2427076
Conc: 19.46 ug/ml m



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

R.T.: 17.888 min
Delta R.T.: -0.031 min
Response: 2729843
Conc: 21.79 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.037 min
Response: 2526312
Conc: 19.70 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :Ankita Jodhani 09/06/2023