

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045908.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 15:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
 Quant Time: Jun 21 01:10:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.521	3738848	20.738 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
6) S 2-Fluorobiphenyl (SURR)	8.376	2427968	20.195 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.414	4401618	19.706 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.332	4287421	21.238 ug/ml
2) T Naphthalene (C11.7)	5.861	4381441	20.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	4350036	20.596 ug/ml
5) T Acenaphthylene (C15.06)	8.180	3844501	20.292 ug/ml
7) T Acenaphthene (C15.5)	8.475	4107363	20.315 ug/ml
8) T Fluorene (C16.55)	9.253	3957623	19.974 ug/ml
9) T Phenanthrene (C19.36)	10.644	3709162	19.388 ug/ml
10) T Anthracene (C19.43)	10.717	3186224	18.704 ug/ml
12) T Fluoranthene (C21.85)	12.446	3490894	18.895 ug/ml
13) T Pyrene (C20.8)	12.741	3389416	18.978 ug/ml
14) T Benzo[a]anthracene (C...	14.605	3050752	19.485 ug/ml
15) T Chrysene (C27.41)	14.647	3230884	19.583 ug/ml
16) T benzo[b]fluoranthene ...	16.146	3126889	20.660 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.180	3114363	20.116 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	3079674	21.059 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	3073728	20.986 ug/mlm
20) T Dibenz[a,h]anthracene...	17.920	3274264	21.826 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	3187549	21.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
Data File : FD045908.D
Signal(s) : FID2B.ch
Acq On : 20 Jun 2023 15:52
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 7 Sample Multiplier: 1

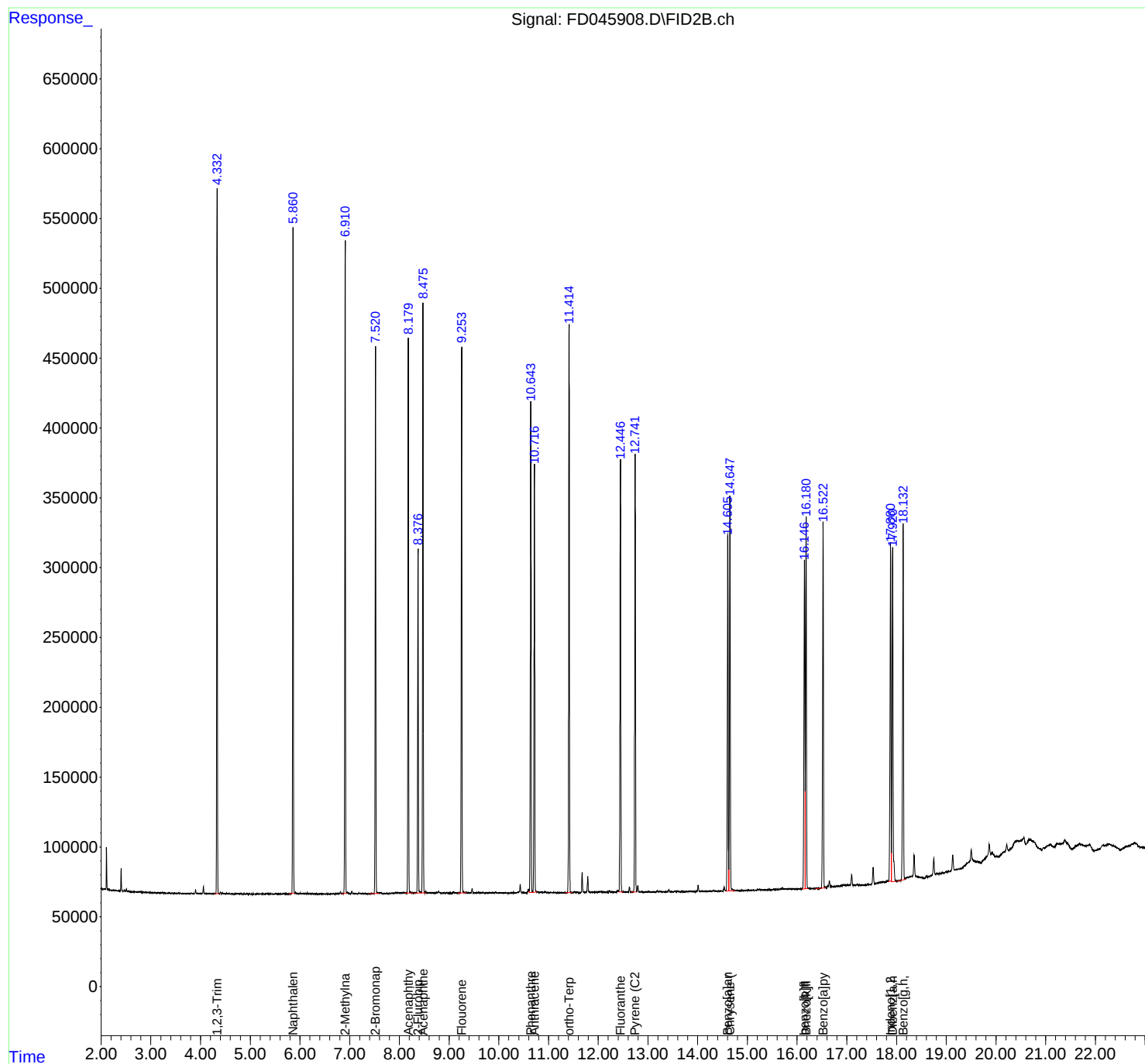
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

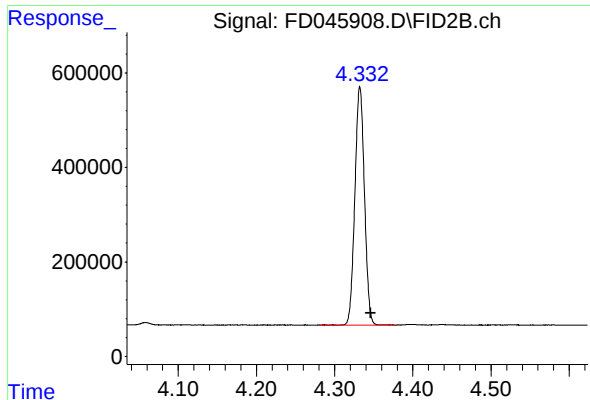
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
Quant Time: Jun 21 01:10:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
Quant Title : GC Extractables
QLast Update : Sat May 27 06:44:25 2023
Response via : Initial Calibration
Integrator: ChemStation

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





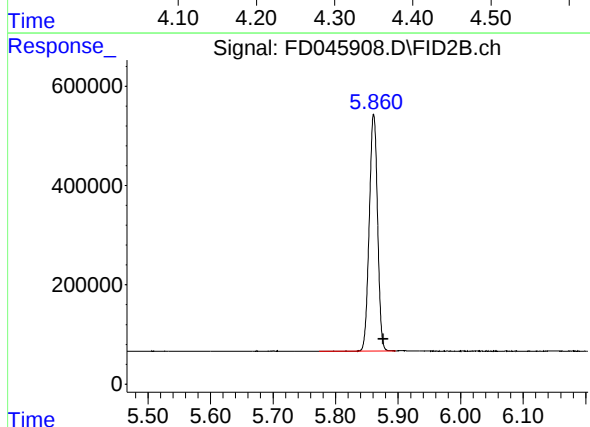
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.332 min
Delta R.T.: -0.014 min
Response: 4287421
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

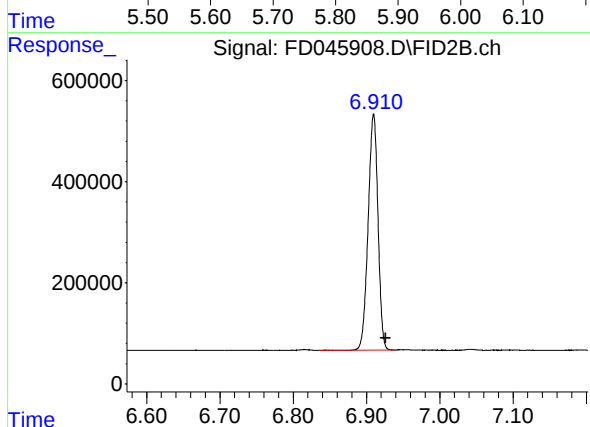
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



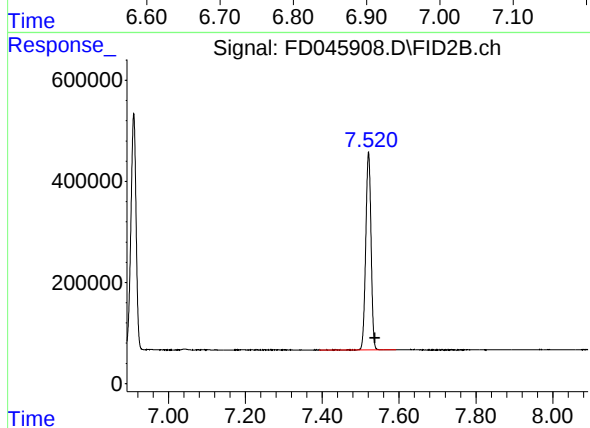
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.015 min
Response: 4381441
Conc: 20.68 ug/ml



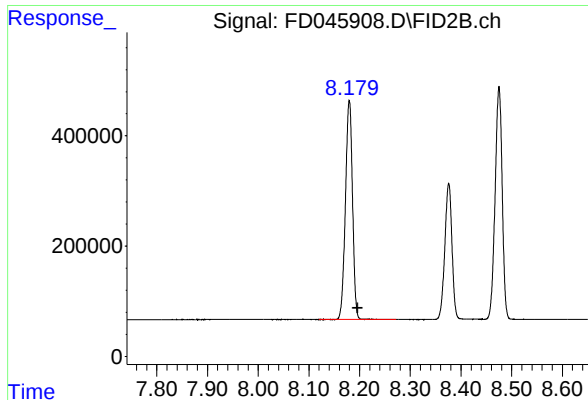
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 4350036
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: -0.017 min
Response: 3738848
Conc: 20.74 ug/ml



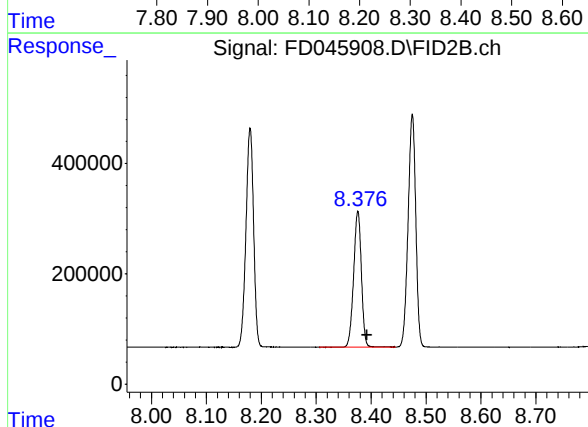
#5 Acenaphthylene (C15.06)

R.T.: 8.180 min
Delta R.T.: -0.017 min
Response: 3844501
Conc: 20.29 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

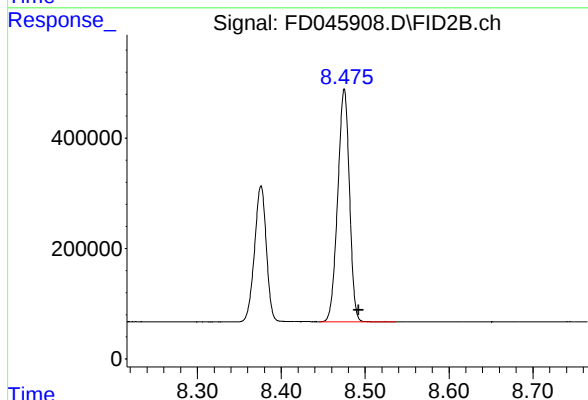
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



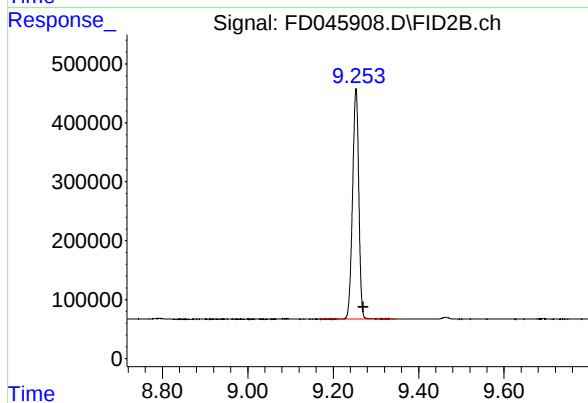
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: -0.017 min
Response: 2427968
Conc: 20.19 ug/ml



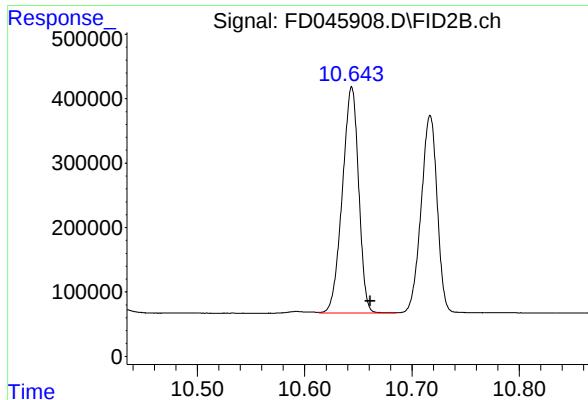
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: -0.017 min
Response: 4107363
Conc: 20.32 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.253 min
Delta R.T.: -0.017 min
Response: 3957623
Conc: 19.97 ug/ml



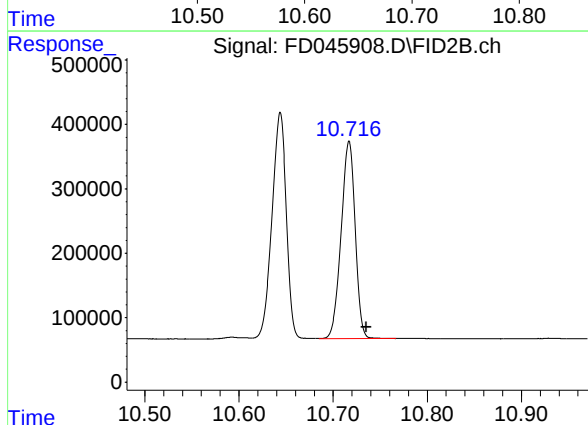
#9 Phenanthrene (C19.36)

R.T.: 10.644 min
Delta R.T.: -0.017 min
Response: 3709162
Conc: 19.39 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

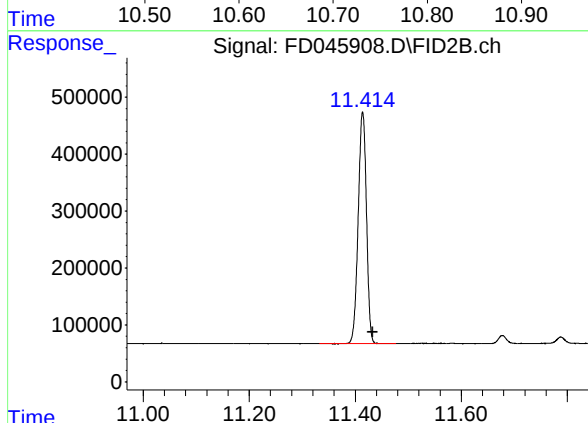
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



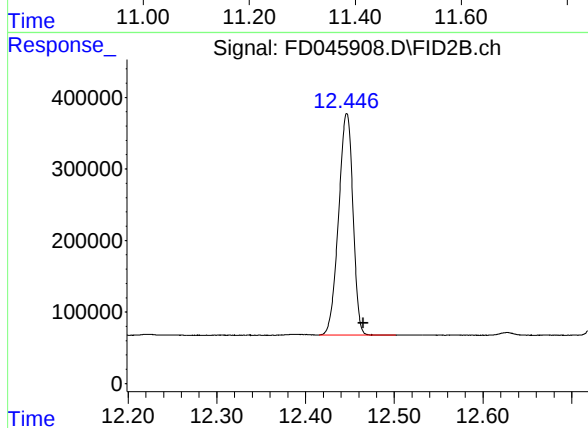
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: -0.018 min
Response: 3186224
Conc: 18.70 ug/ml



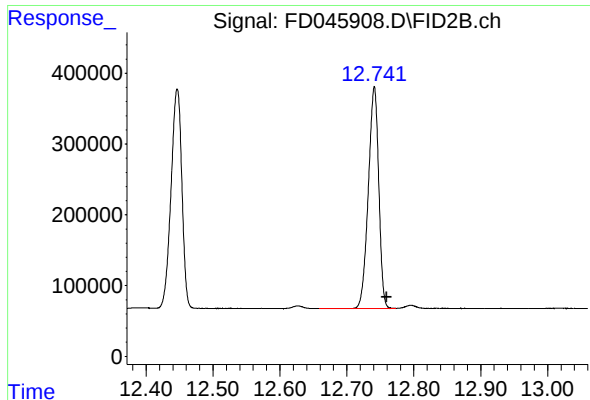
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: -0.019 min
Response: 4401618
Conc: 19.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 3490894
Conc: 18.90 ug/ml



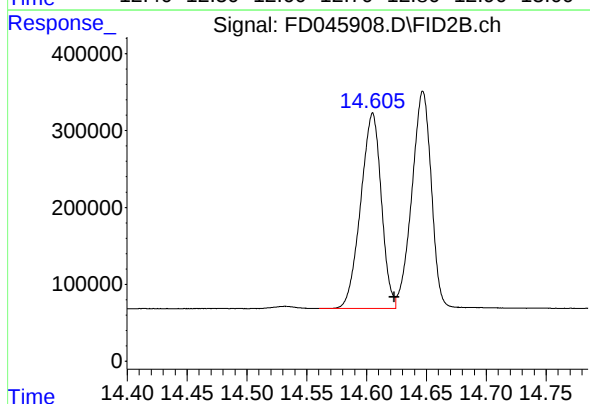
#13 Pyrene (C20.8)

R.T.: 12.741 min
Delta R.T.: -0.019 min
Response: 3389416
Conc: 18.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

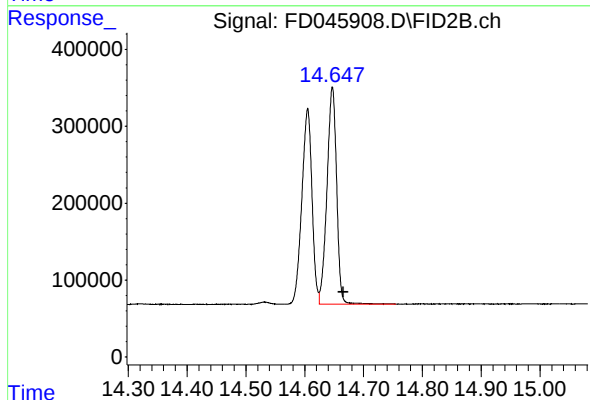
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



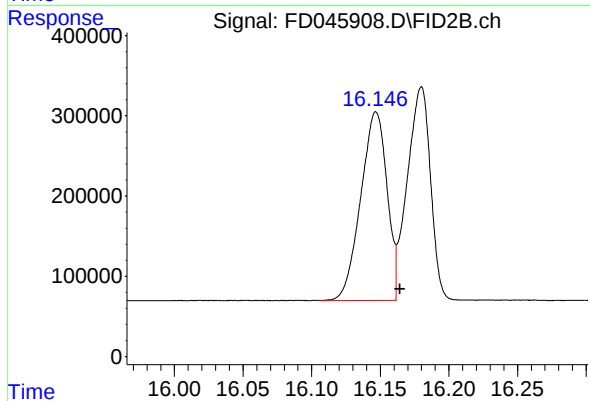
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min
Delta R.T.: -0.018 min
Response: 3050752
Conc: 19.49 ug/ml



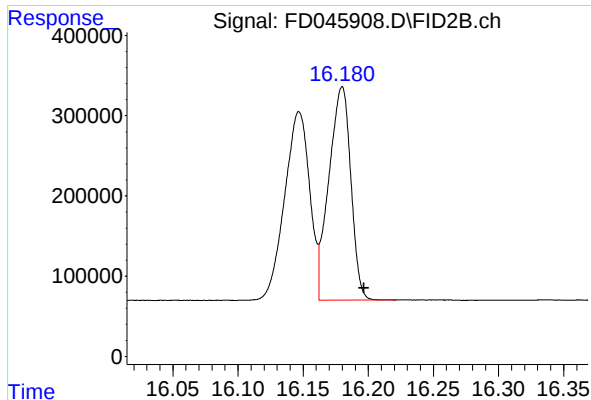
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: -0.019 min
Response: 3230884
Conc: 19.58 ug/ml



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

R.T.: 16.146 min
Delta R.T.: -0.018 min
Response: 3126889
Conc: 20.66 ug/ml m



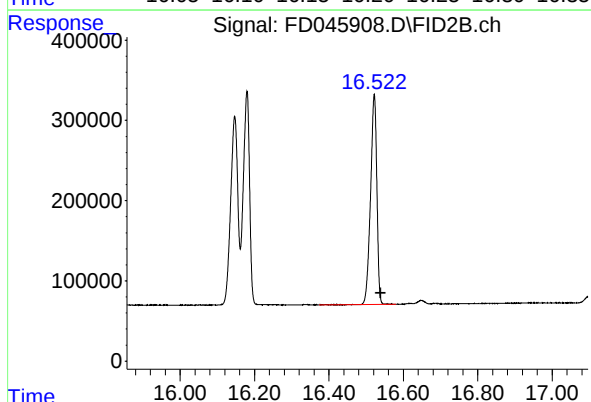
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.180 min
Delta R.T.: -0.017 min
Response: 3114363
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

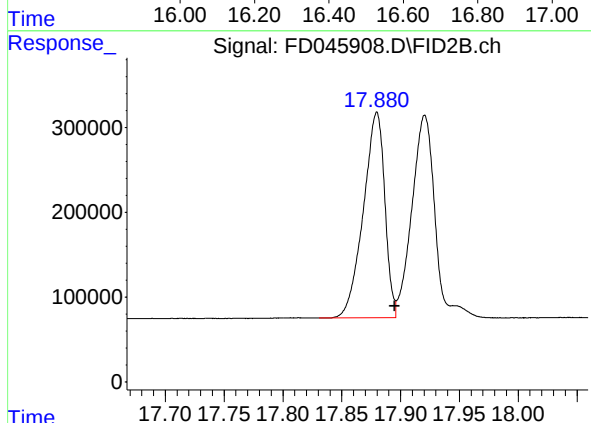
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



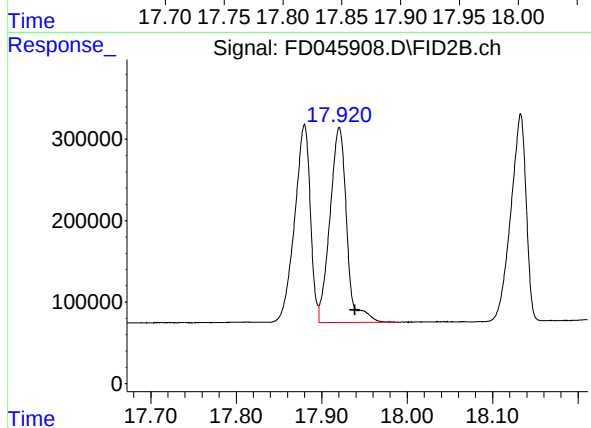
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: -0.017 min
Response: 3079674
Conc: 21.06 ug/ml



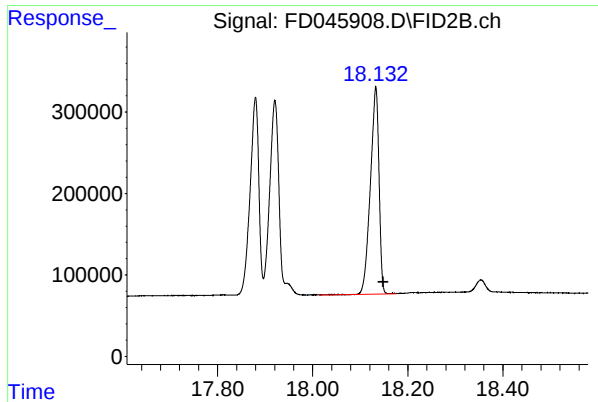
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 3073728
Conc: 20.99 ug/ml m



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

R.T.: 17.920 min
Delta R.T.: -0.019 min
Response: 3274264
Conc: 21.83 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.017 min
Response: 3187549
Conc: 21.60 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023