

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045577.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 02:57
 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 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File: autoint1.e
 Quant Time: May 04 05:27:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.543	3138742	21.710 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
6) S 2-Fluorobiphenyl (SURR)	8.400	2030709	21.777 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.55%
11) S ortho-Terphenyl (SURR)	11.441	3979426	22.235 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	3622731	21.621 ug/ml
2) T Naphthalene (C11.7)	5.882	3703022	21.637 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	3665078	21.663 ug/ml
5) T Acenaphthylene (C15.06)	8.204	3447728	22.790 ug/ml
7) T Acenaphthene (C15.5)	8.500	3570735	22.024 ug/ml
8) T Fluorene (C16.55)	9.278	3338443	21.673 ug/ml
9) T Phenanthrene (C19.36)	10.669	3267980	21.908 ug/ml
10) T Anthracene (C19.43)	10.742	2955145	22.877 ug/ml
12) T Fluoranthene (C21.85)	12.475	3219327	21.874 ug/ml
13) T Pyrene (C20.8)	12.770	3438560	23.970 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2776829	21.190 ug/ml
15) T Chrysene (C27.41)	14.676	3075217	22.528 ug/ml
16) T benzo[b]fluoranthene ...	16.178	2937383	21.999 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	2964024	22.158 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	2744973	21.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	2736201	21.782 ug/mlm
20) T Dibenz[a,h]anthracene...	17.950	2472392	18.149 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.163	2746121	20.961 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
Data File : FD045577.D
Signal(s) : FID2B.ch
Acq On : 04 May 2023 02:57
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

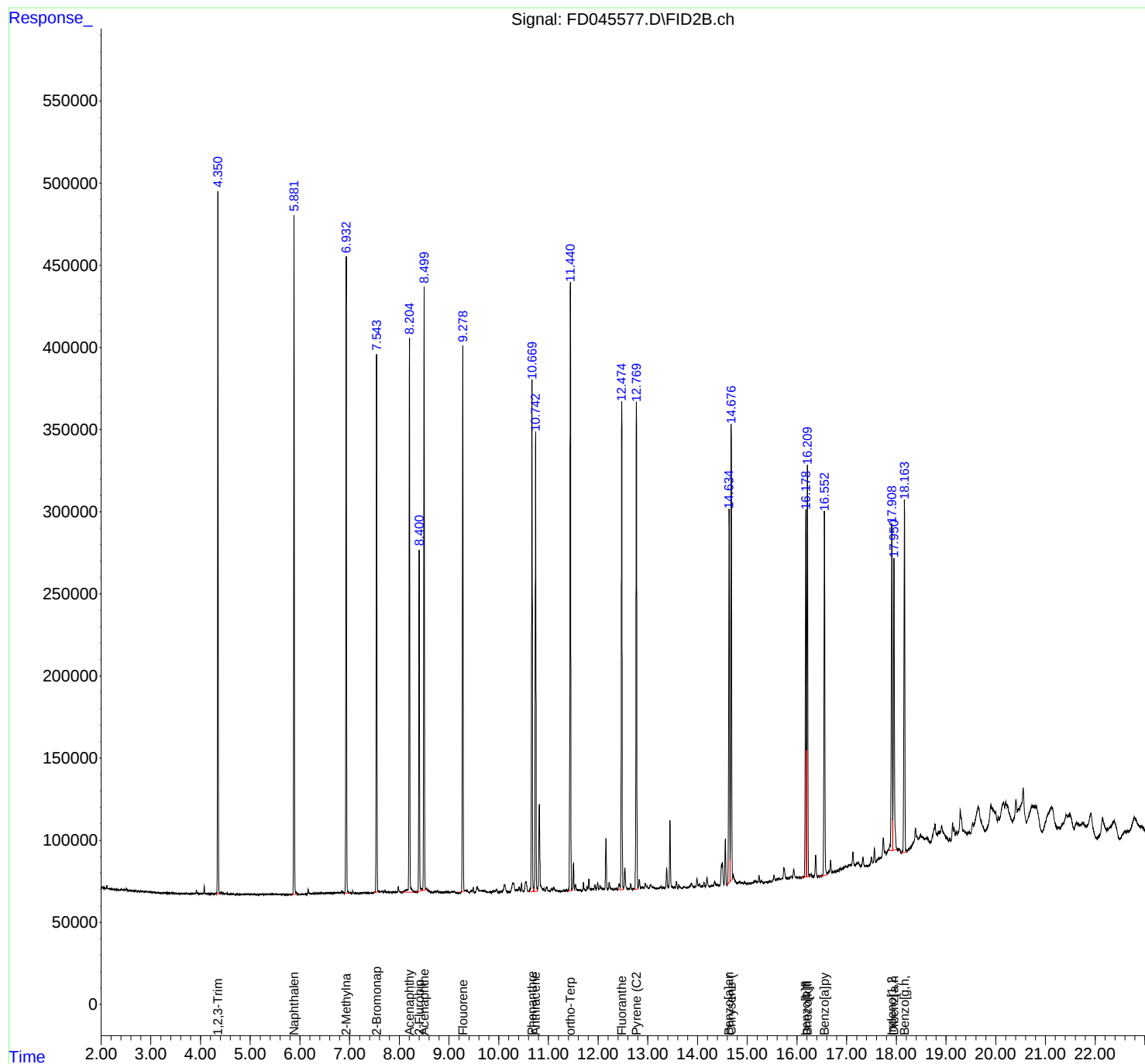
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

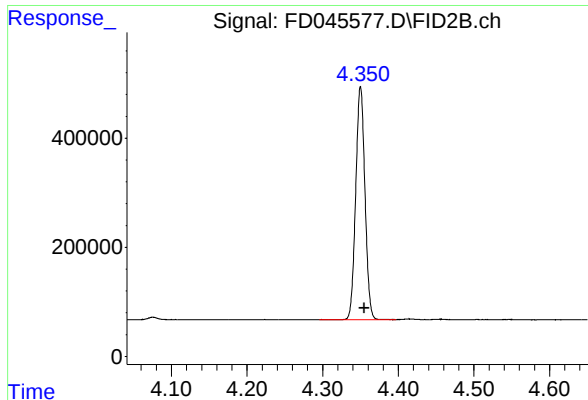
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023

Integration File: autoint1.e
Quant Time: May 04 05:27:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Mon Apr 24 08:37:21 2023
Response via : Initial Calibration
Integrator: ChemStation

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





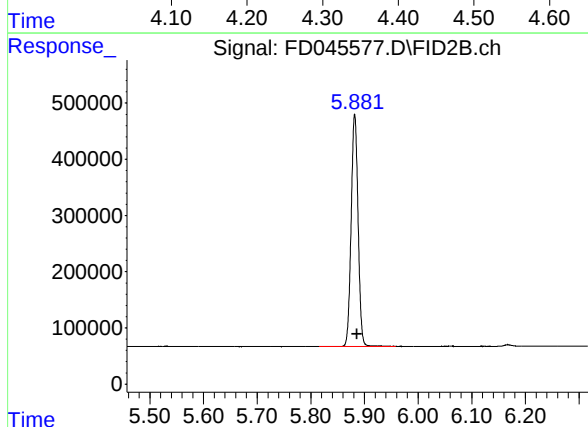
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.350 min
Delta R.T.: -0.005 min
Response: 3622731
Conc: 21.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

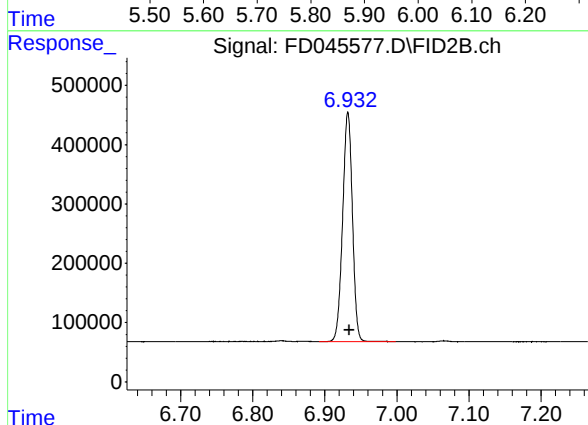
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



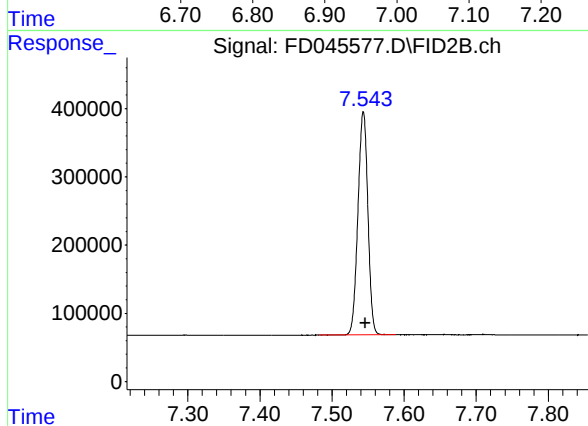
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: -0.004 min
Response: 3703022
Conc: 21.64 ug/ml



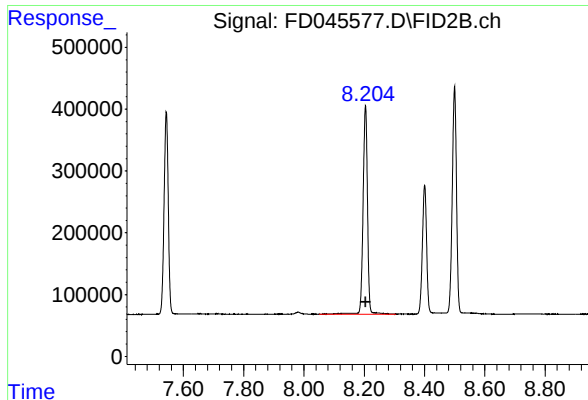
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 3665078
Conc: 21.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 3138742
Conc: 21.71 ug/ml



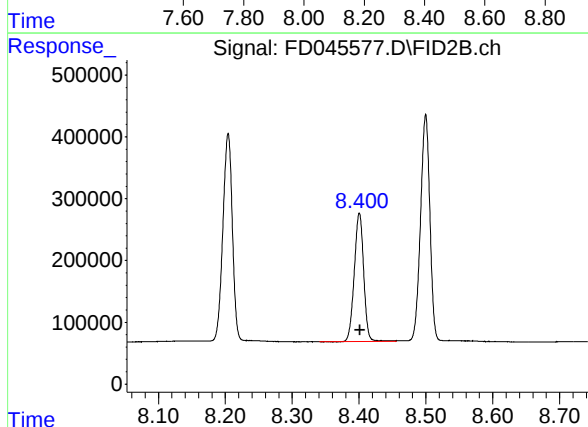
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min
Delta R.T.: -0.001 min
Response: 3447728
Conc: 22.79 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

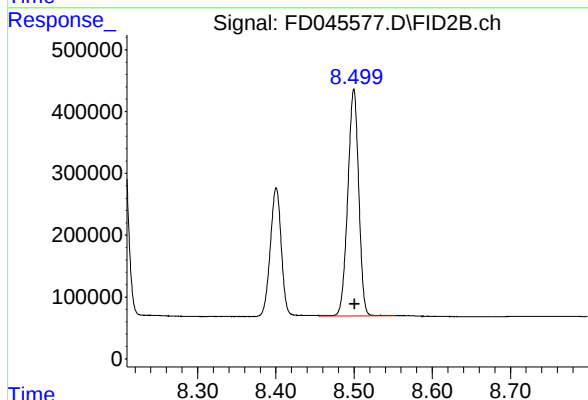
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



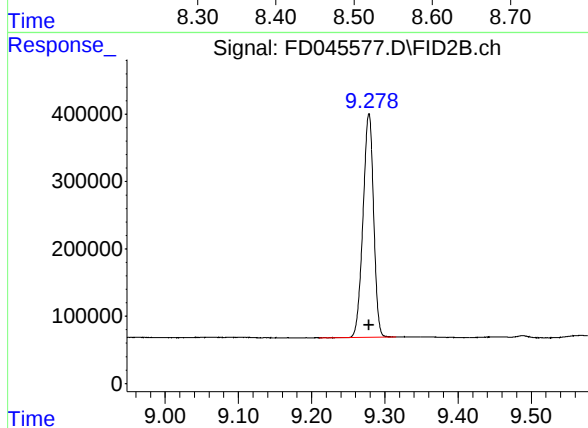
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2030709
Conc: 21.78 ug/ml



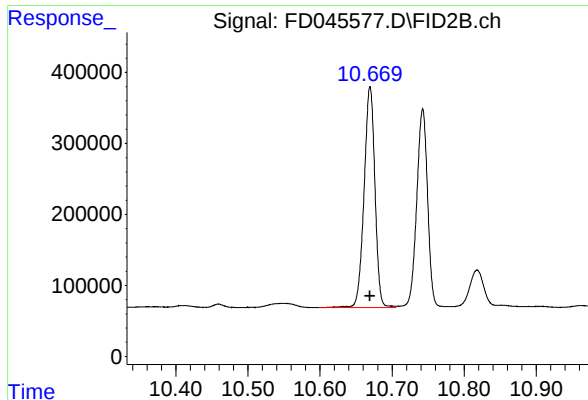
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.001 min
Response: 3570735
Conc: 22.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 3338443
Conc: 21.67 ug/ml



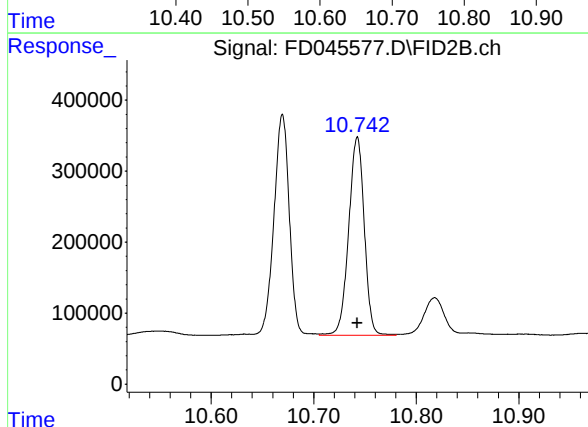
#9 Phenanthrene (C19.36)

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 3267980
Conc: 21.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

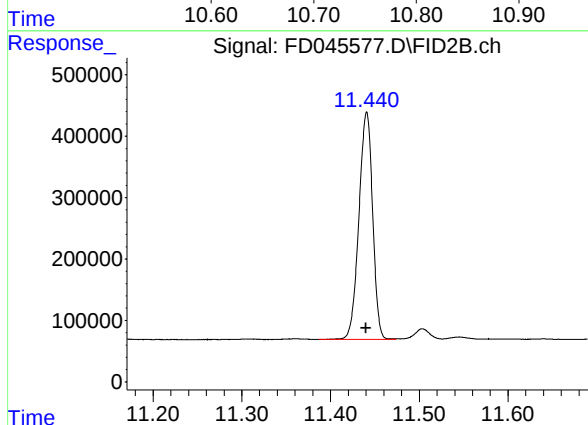
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



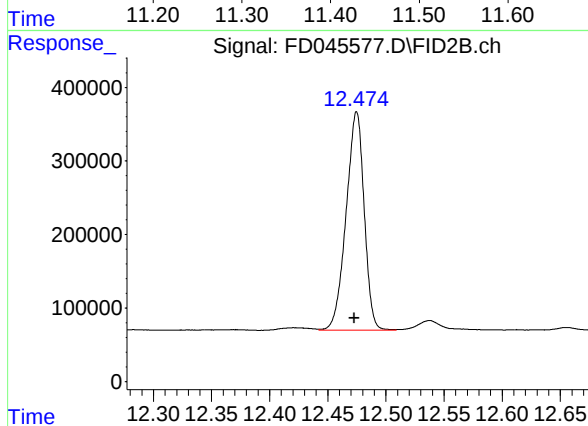
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 2955145
Conc: 22.88 ug/ml



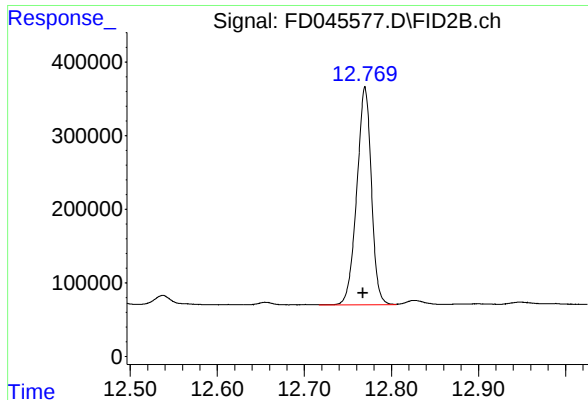
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 3979426
Conc: 22.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.475 min
Delta R.T.: 0.002 min
Response: 3219327
Conc: 21.87 ug/ml



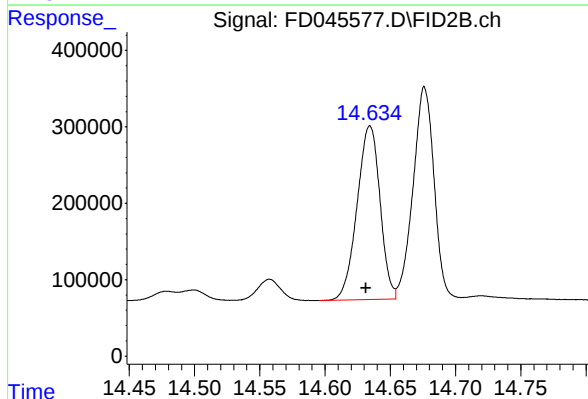
#13 Pyrene (C20.8)

R.T.: 12.770 min
Delta R.T.: 0.002 min
Response: 3438560
Conc: 23.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

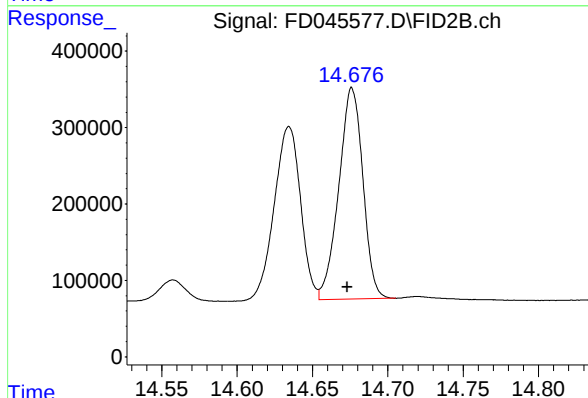
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



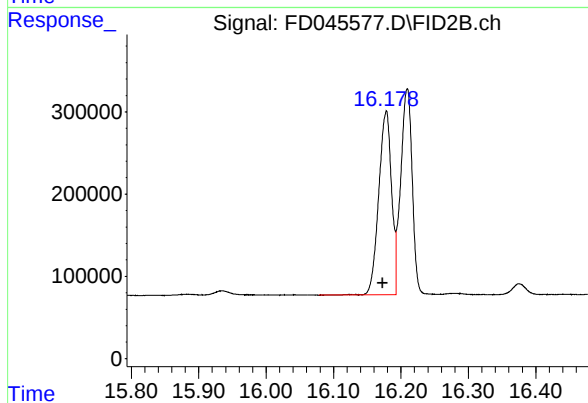
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: 0.003 min
Response: 2776829
Conc: 21.19 ug/ml



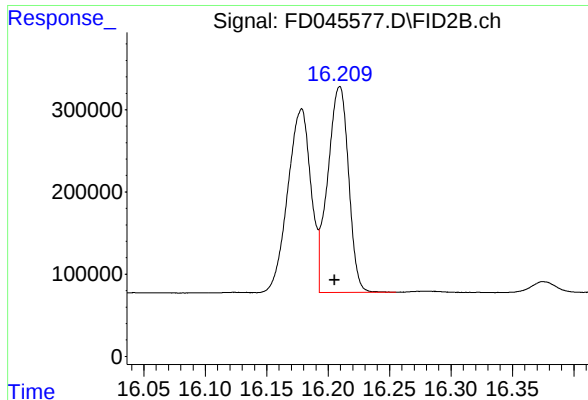
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: 0.003 min
Response: 3075217
Conc: 22.53 ug/ml



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

R.T.: 16.178 min
Delta R.T.: 0.005 min
Response: 2937383
Conc: 22.00 ug/ml



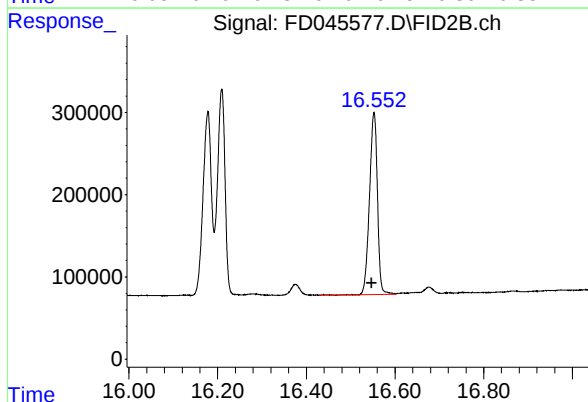
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.209 min
Delta R.T.: 0.004 min
Response: 2964024
Conc: 22.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

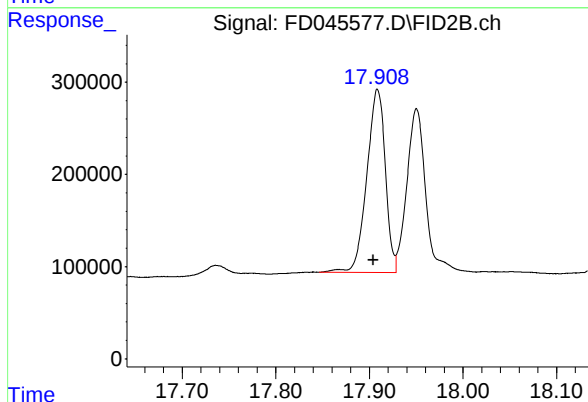
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



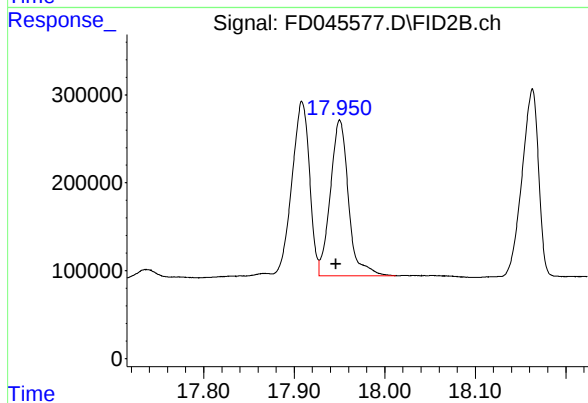
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min
Delta R.T.: 0.005 min
Response: 2744973
Conc: 21.45 ug/ml



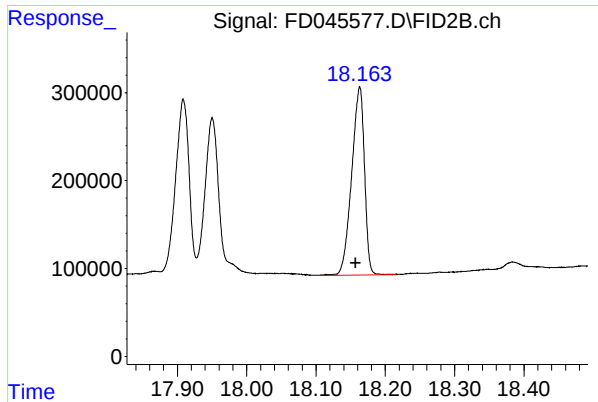
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: 0.004 min
Response: 2736201
Conc: 21.78 ug/ml m



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

R.T.: 17.950 min
Delta R.T.: 0.004 min
Response: 2472392
Conc: 18.15 ug/ml m



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

R.T.: 18.163 min
Delta R.T.: 0.005 min
Response: 2746121
Conc: 20.96 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023