

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
 Data File : FD043262.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2022 11:50
 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 :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 03:33:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.620	3206957	20.769 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
6) S 2-Fluorobiphenyl (SURR)	8.484	2083973	19.758 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.52%
11) S ortho-Terphenyl (SURR)	11.530	3902112	21.470 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	3608341	21.484 ug/mlm
2) T Naphthalene (C11.7)	5.955	3662064	20.918 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	3305599	20.552 ug/ml
5) T Acenaphthylene (C15.06)	8.286	3572723	20.100 ug/ml
7) T Acenaphthene (C15.5)	8.582	3644633	20.813 ug/ml
8) T Flouorene (C16.55)	9.364	3427687	19.774 ug/ml
9) T Phenanthrene (C19.36)	10.762	3334109	19.440 ug/ml
10) T Anthracene (C19.43)	10.835	2625719	15.455 ug/ml
12) T Fluoranthene (C21.85)	12.574	3309508	19.733 ug/ml
13) T Pyrene (C20.8)	12.871	3248790	19.935 ug/mlm
14) T Benzo[a]anthracene (C...	14.745	2725008	17.547 ug/mlm
15) T Chrysene (C27.41)	14.786	3147684	19.943 ug/ml
16) T benzo[b]fluoranthene ...	16.295	2739451	17.971 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.326	2821447	19.277 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2442058	17.073 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	1855390	14.827 ug/mlm
20) T Dibenz[a,h]anthracene...	18.077	2264705	16.846 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2257942	17.312 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
Data File : FD043262.D
Signal(s) : FID2B.ch
Acq On : 19 Jul 2022 11:50
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

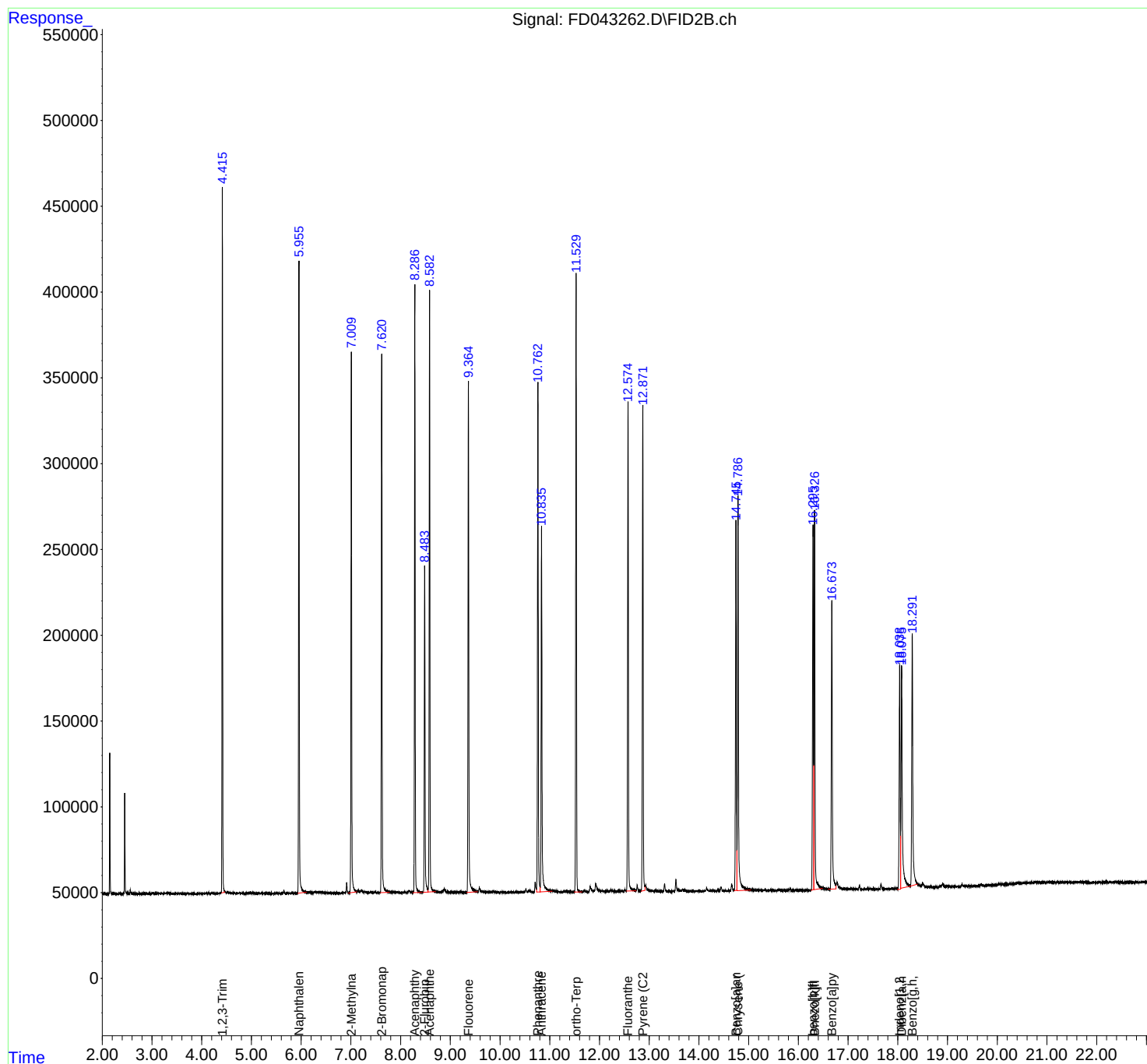
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

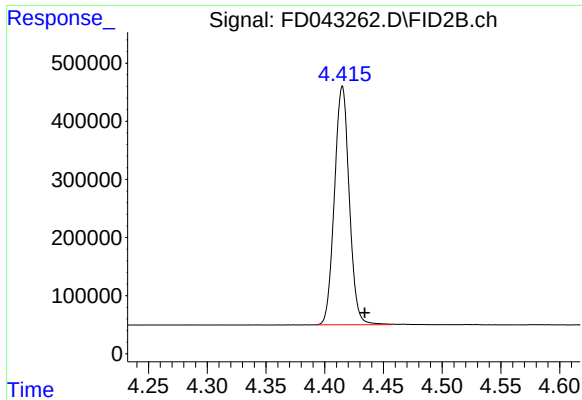
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
Quant Time: Jul 20 03:33:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Sat Jun 25 04:47:50 2022
Response via : Initial Calibration
Integrator: ChemStation

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





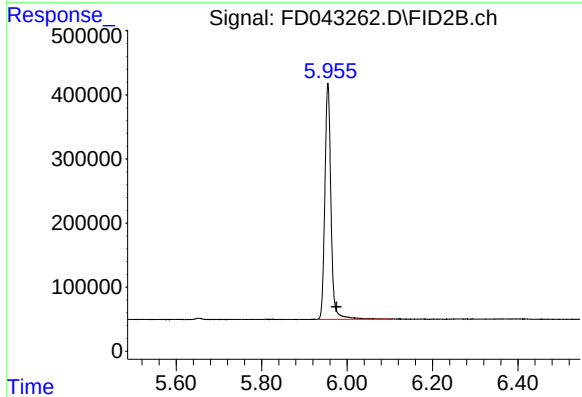
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 3608341
Conc: 21.48 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

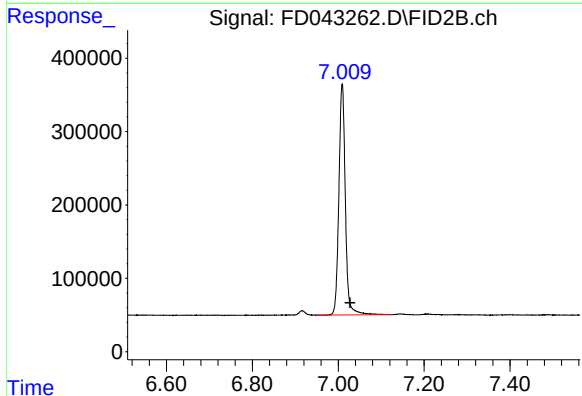
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
Supervised By :mohammad ahmed 07/20/2022



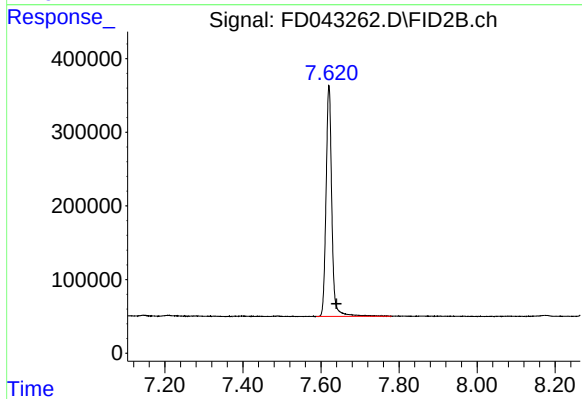
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 3662064
Conc: 20.92 ug/ml



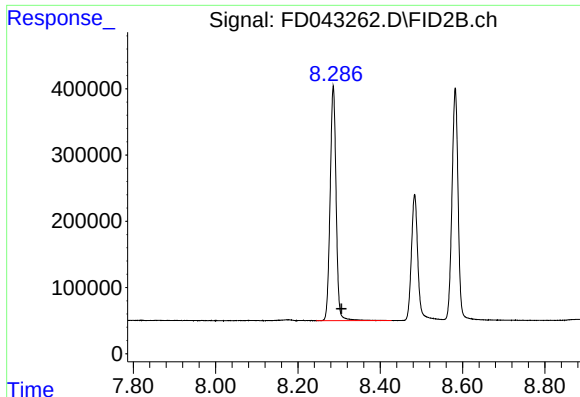
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 3305599
Conc: 20.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.620 min
Delta R.T.: -0.019 min
Response: 3206957
Conc: 20.77 ug/ml



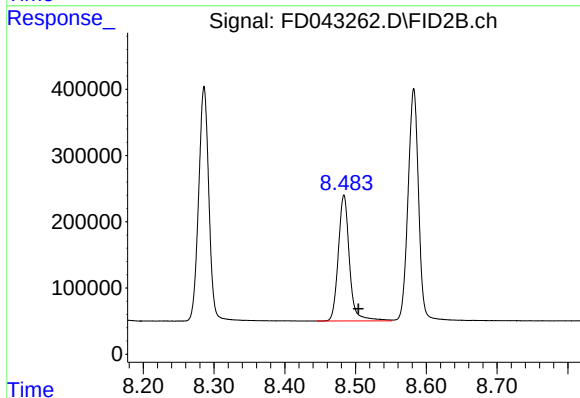
#5 Acenaphthylene (C15.06)

R.T.: 8.286 min
Delta R.T.: -0.020 min
Response: 3572723
Conc: 20.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

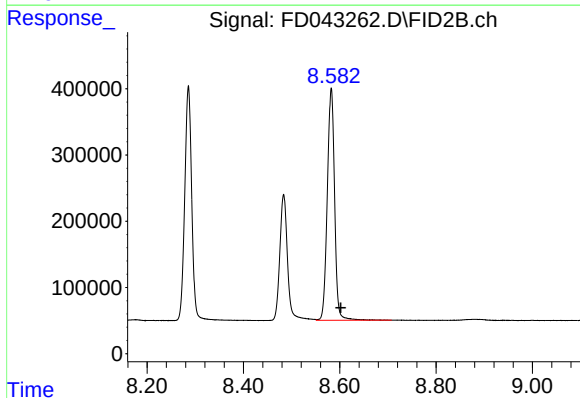
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
Supervised By :mohammad ahmed 07/20/2022



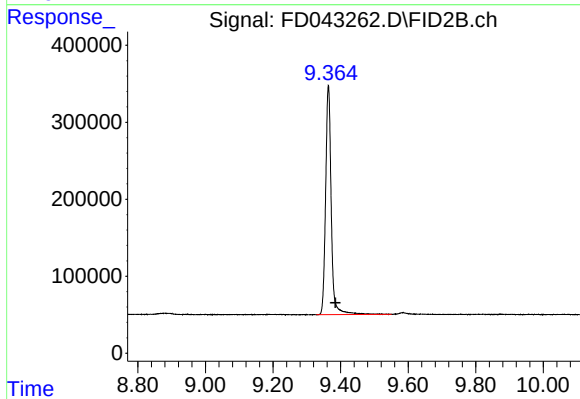
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.021 min
Response: 2083973
Conc: 19.76 ug/ml



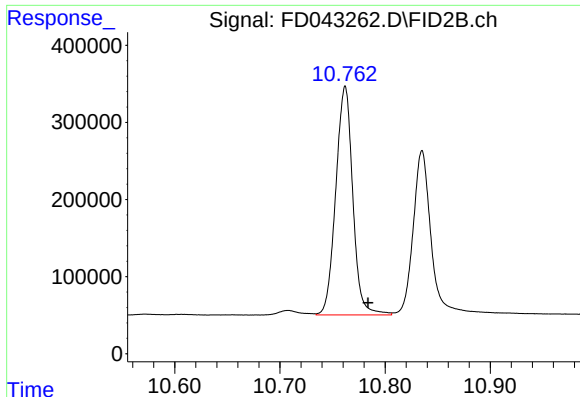
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: -0.020 min
Response: 3644633
Conc: 20.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: -0.021 min
Response: 3427687
Conc: 19.77 ug/ml



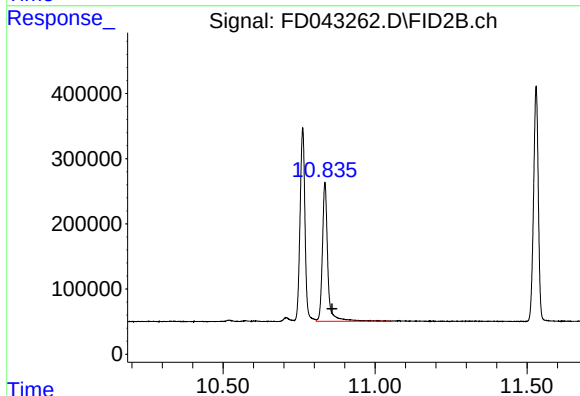
#9 Phenanthrene (C19.36)

R.T.: 10.762 min
Delta R.T.: -0.022 min
Response: 3334109
Conc: 19.44 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

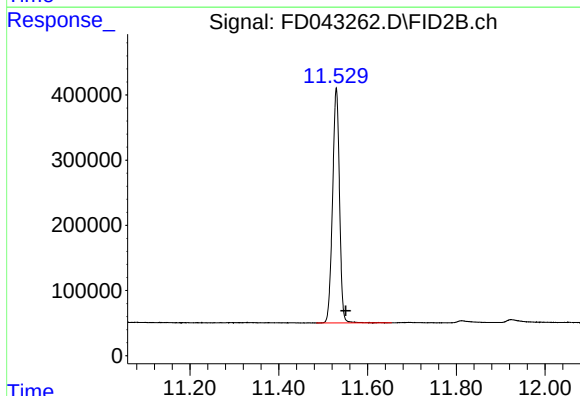
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
Supervised By :mohammad ahmed 07/20/2022



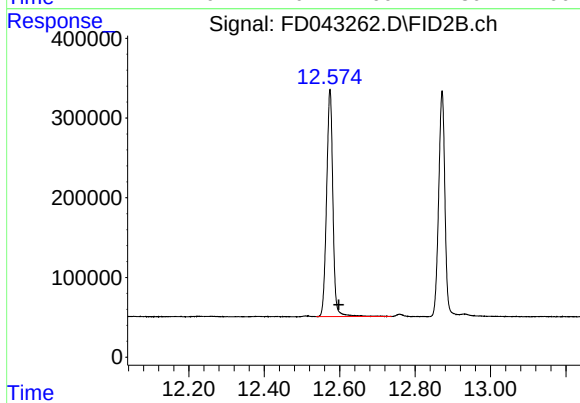
#10 Anthracene (C19.43)

R.T.: 10.835 min
Delta R.T.: -0.023 min
Response: 2625719
Conc: 15.46 ug/ml



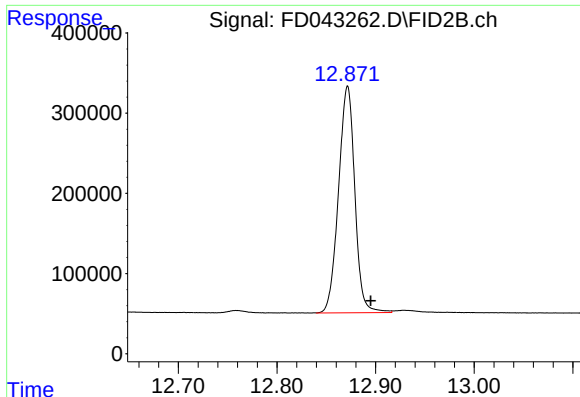
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.022 min
Response: 3902112
Conc: 21.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: -0.023 min
Response: 3309508
Conc: 19.73 ug/ml



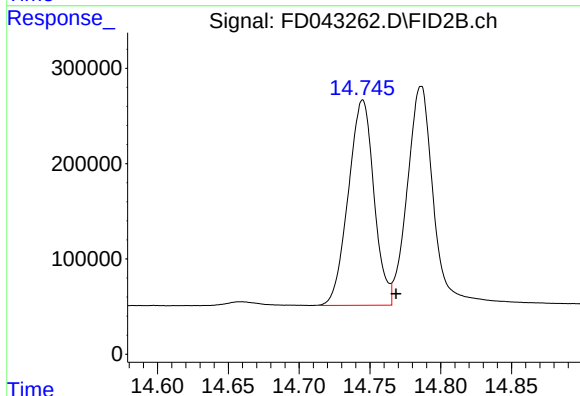
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.024 min
Response: 3248790
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

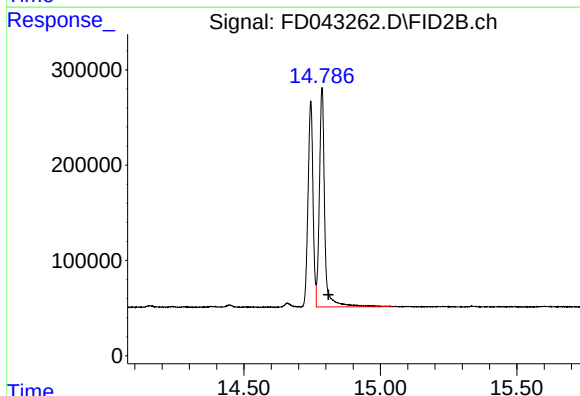
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
Supervised By :mohammad ahmed 07/20/2022



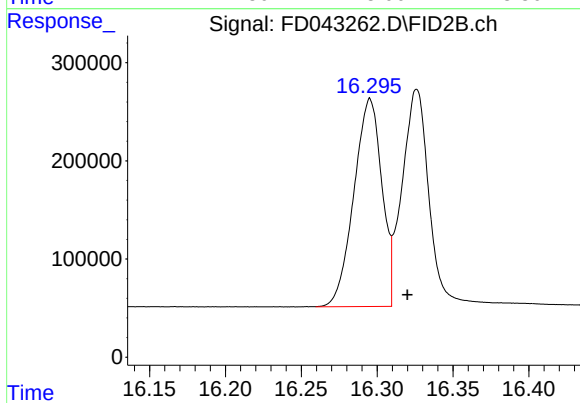
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: -0.024 min
Response: 2725008
Conc: 17.55 ug/ml m



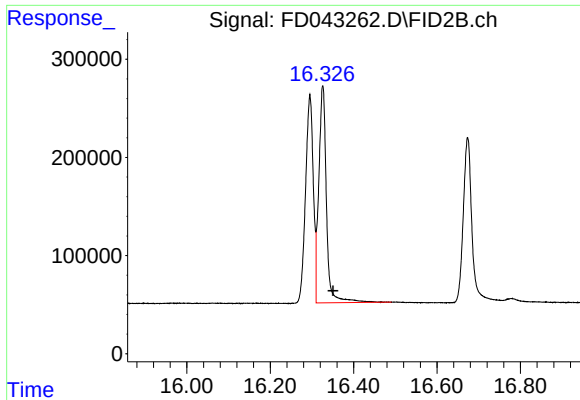
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 3147684
Conc: 19.94 ug/ml



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

R.T.: 16.295 min
Delta R.T.: -0.025 min
Response: 2739451
Conc: 17.97 ug/ml m



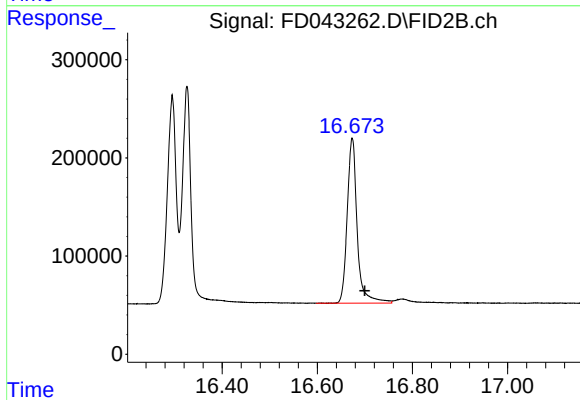
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: -0.025 min
Response: 2821447
Conc: 19.28 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

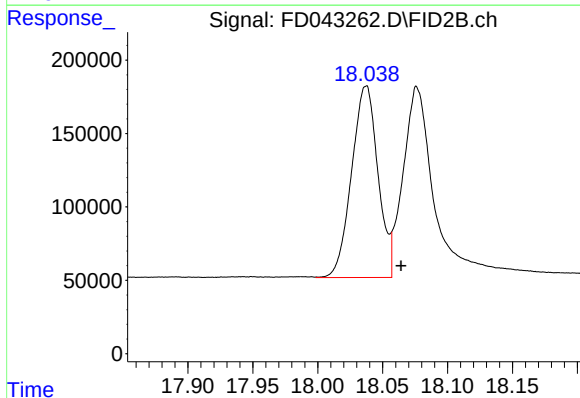
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
Supervised By :mohammad ahmed 07/20/2022



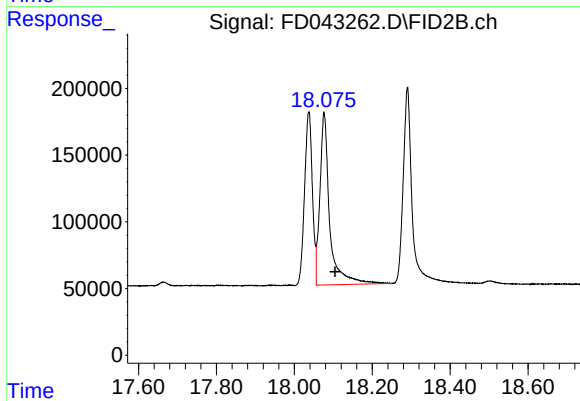
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 2442058
Conc: 17.07 ug/ml



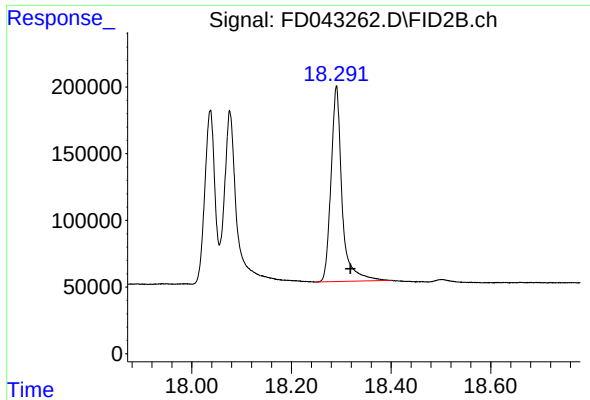
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: -0.026 min
Response: 1855390
Conc: 14.83 ug/ml m



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

R.T.: 18.077 min
Delta R.T.: -0.028 min
Response: 2264705
Conc: 16.85 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.028 min
Response: 2257942
Conc: 17.31 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 07/20/2022

Supervised By :mohammad ahmed 07/20/2022