

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043190.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jul 2022 01:39
 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 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: sample.E
 Quant Time: Jul 07 02:49:38 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...	7.628	3199224	20.719 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.492	2130092	20.195 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.536	3601735	19.817 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3609796	21.493 ug/ml
2) T Naphthalene (C11.7)	5.965	3665804	20.939 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	3337082	20.747 ug/ml
5) T Acenaphthylene (C15.06)	8.295	3559688	20.027 ug/ml
7) T Acenaphthene (C15.5)	8.591	3569035	20.381 ug/ml
8) T Flouorene (C16.55)	9.373	3458707	19.953 ug/ml
9) T Phenanthrene (C19.36)	10.770	3348610	19.524 ug/ml
10) T Anthracene (C19.43)	10.845	3236253	19.049 ug/ml
12) T Fluoranthene (C21.85)	12.582	3141809	18.733 ug/ml
13) T Pyrene (C20.8)	12.880	2605376	15.987 ug/ml
14) T Benzo[a]anthracene (C...	14.753	2897416	18.657 ug/ml
15) T Chrysene (C27.41)	14.795	2983463	18.903 ug/ml
16) T benzo[b]fluoranthene ...	16.303	3018290	19.800 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	2922076	19.965 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	2892747	20.224 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	2682324	21.435 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	2985467	22.207 ug/ml
21) T Benzo[g,h,i]perylene ...	18.302	2864583	21.963 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
Data File : FD043190.D
Signal(s) : FID2B.ch
Acq On : 07 Jul 2022 01:39
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

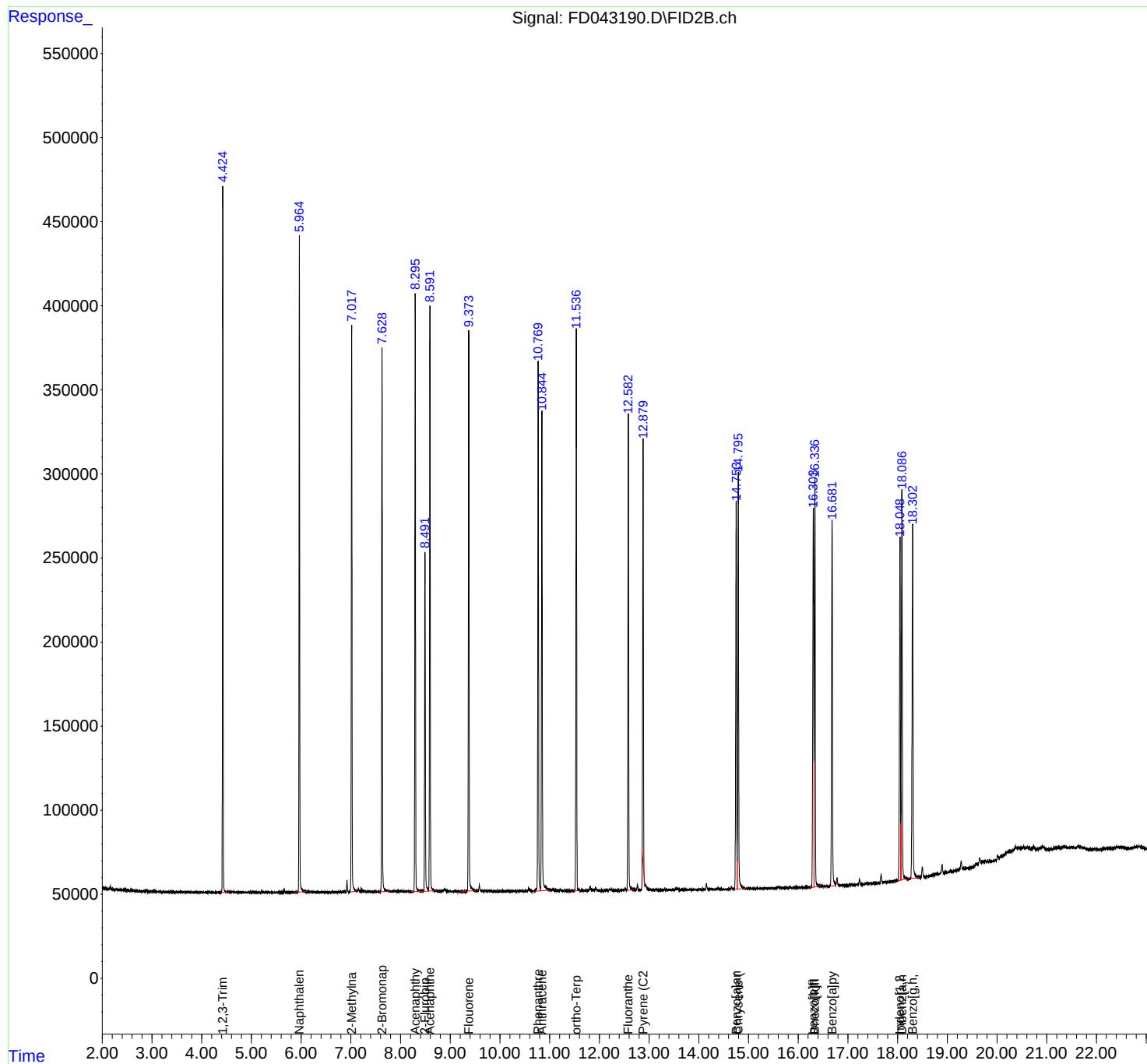
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

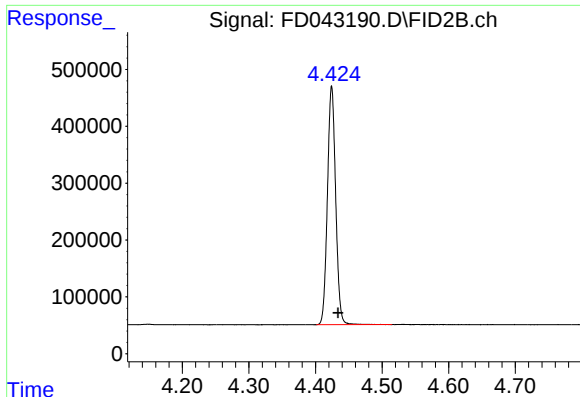
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022

Integration File: sample.E
Quant Time: Jul 07 02:49:38 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





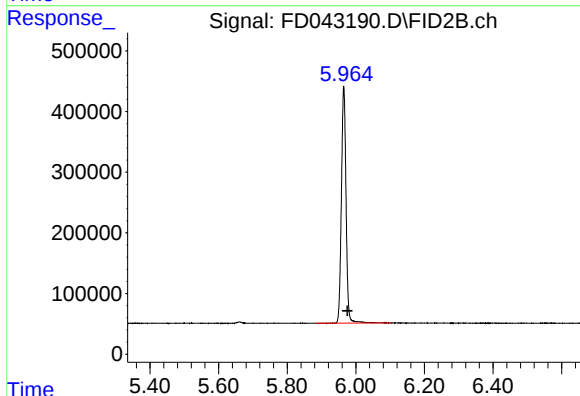
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 3609796
Conc: 21.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

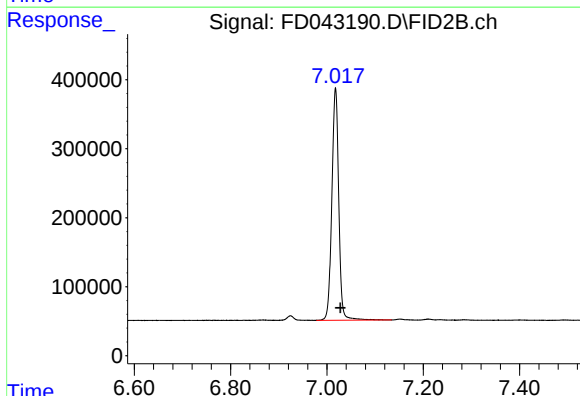
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



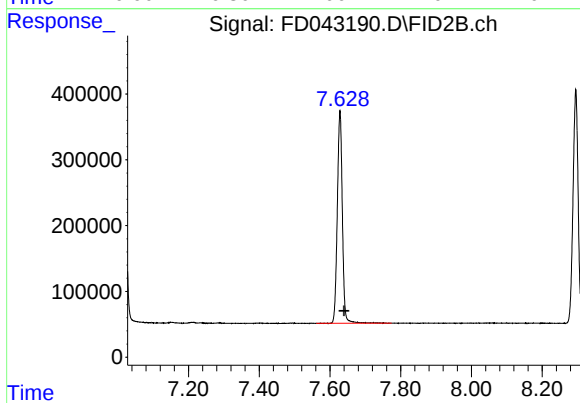
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 3665804
Conc: 20.94 ug/ml



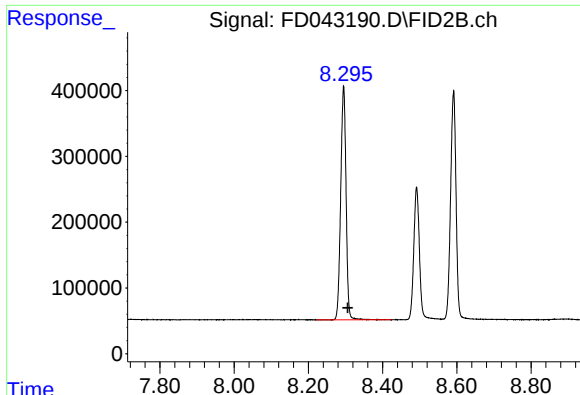
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 3337082
Conc: 20.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.011 min
Response: 3199224
Conc: 20.72 ug/ml



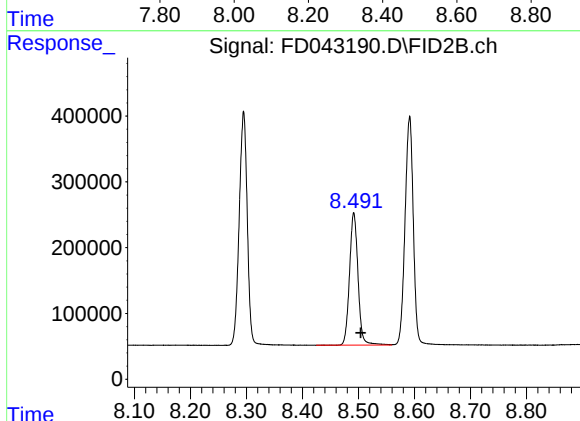
#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
Delta R.T.: -0.011 min
Response: 3559688
Conc: 20.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

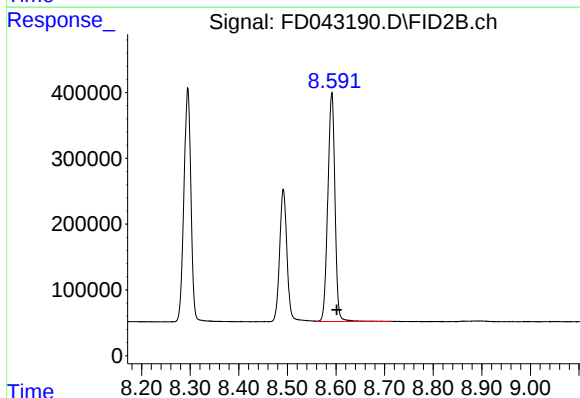
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



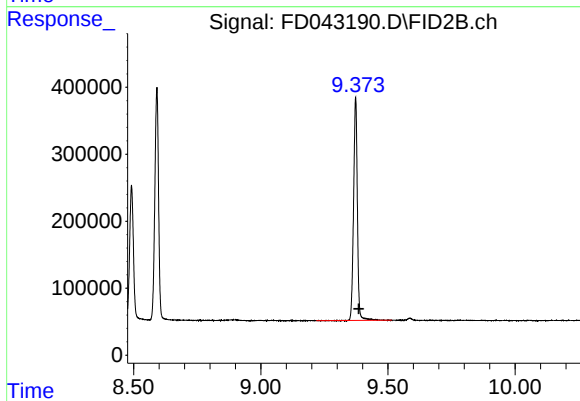
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.492 min
Delta R.T.: -0.012 min
Response: 2130092
Conc: 20.20 ug/ml



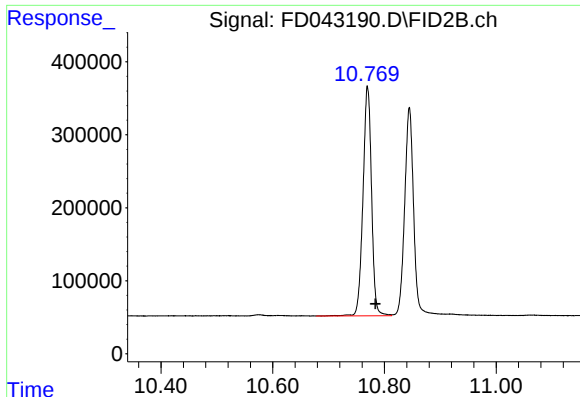
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: -0.011 min
Response: 3569035
Conc: 20.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.373 min
Delta R.T.: -0.012 min
Response: 3458707
Conc: 19.95 ug/ml



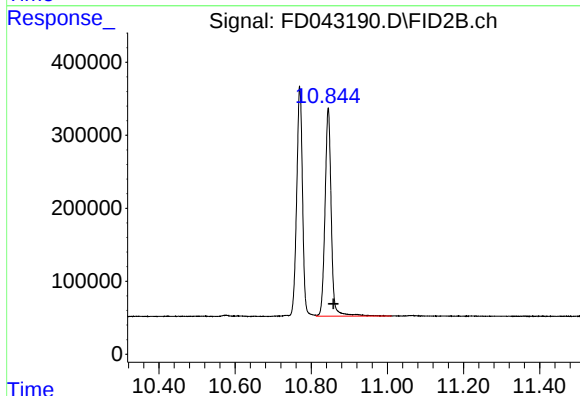
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.014 min
Response: 3348610
Conc: 19.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

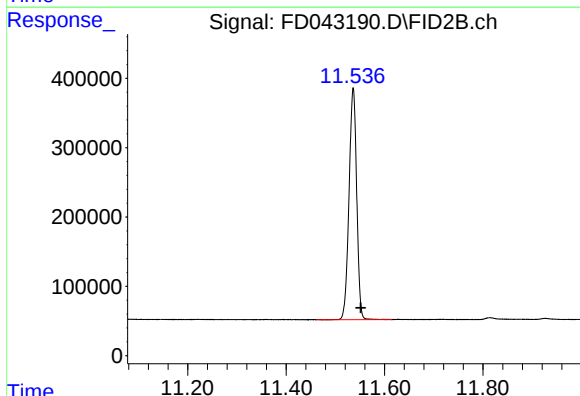
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



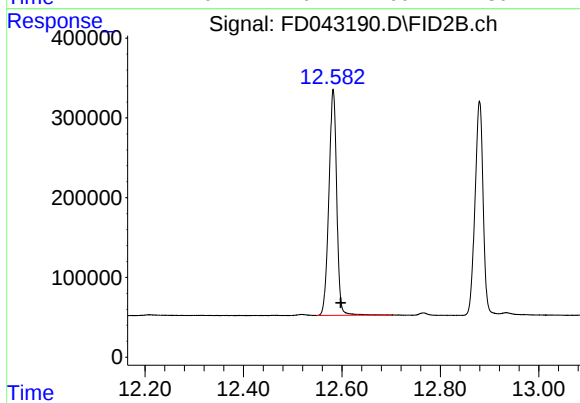
#10 Anthracene (C19.43)

R.T.: 10.845 min
Delta R.T.: -0.013 min
Response: 3236253
Conc: 19.05 ug/ml



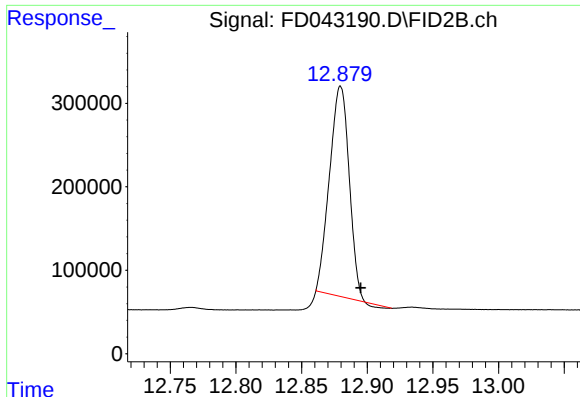
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 3601735
Conc: 19.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: -0.015 min
Response: 3141809
Conc: 18.73 ug/ml



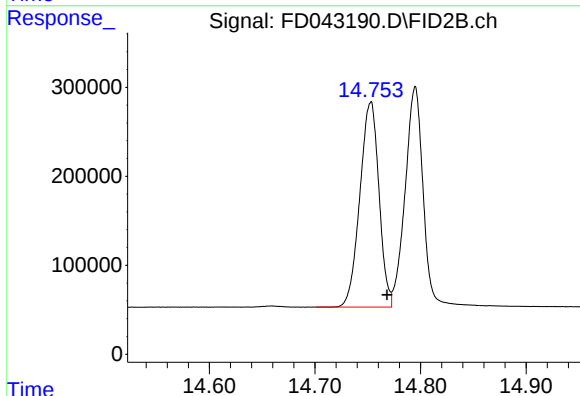
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: -0.015 min
Response: 2605376
Conc: 15.99 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

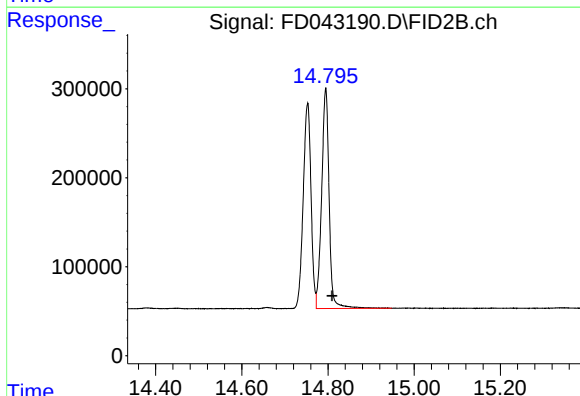
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



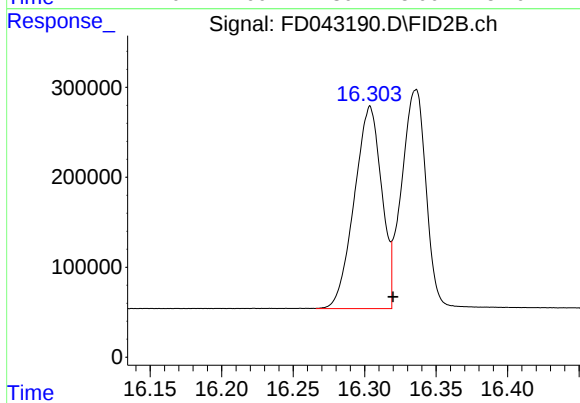
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.016 min
Response: 2897416
Conc: 18.66 ug/ml



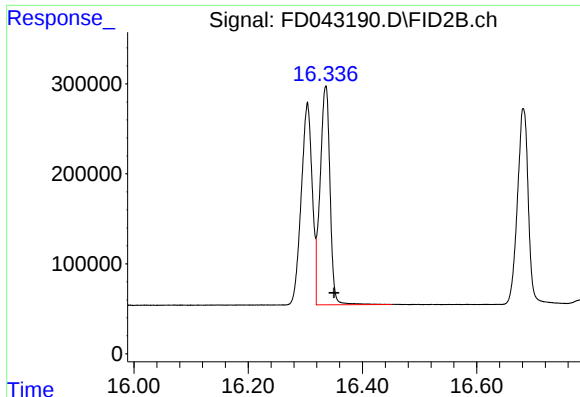
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.015 min
Response: 2983463
Conc: 18.90 ug/ml



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

R.T.: 16.303 min
Delta R.T.: -0.016 min
Response: 3018290
Conc: 19.80 ug/ml m



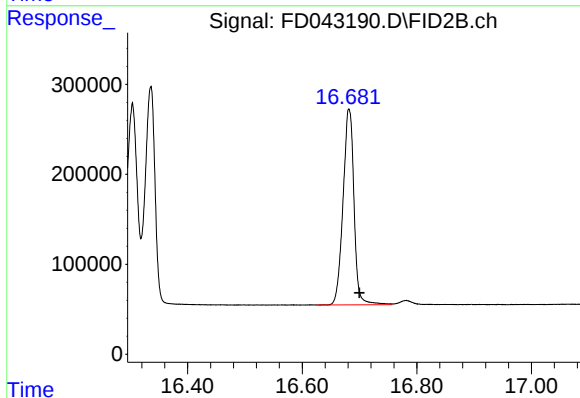
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.015 min
Response: 2922076
Conc: 19.96 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

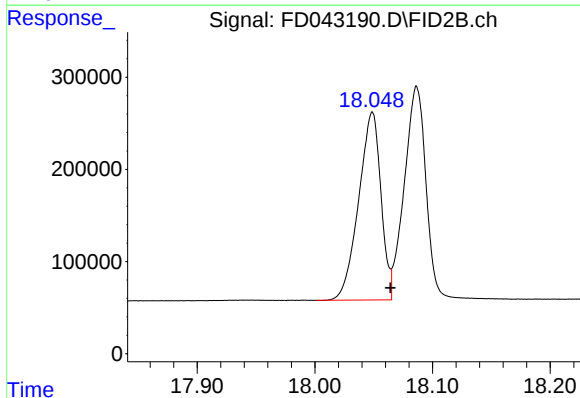
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



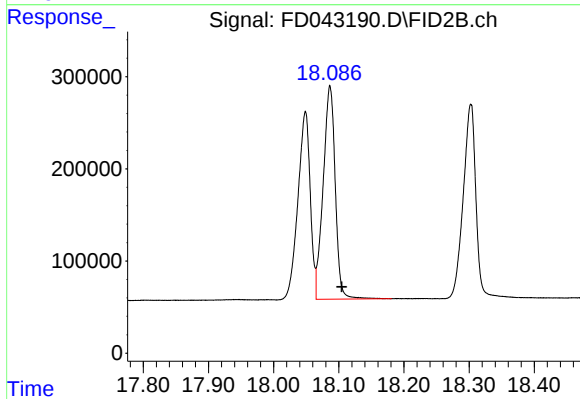
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: -0.018 min
Response: 2892747
Conc: 20.22 ug/ml



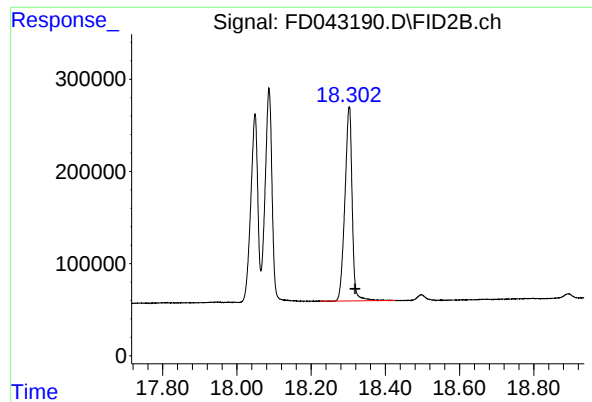
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.016 min
Response: 2682324
Conc: 21.44 ug/ml



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

R.T.: 18.086 min
Delta R.T.: -0.018 min
Response: 2985467
Conc: 22.21 ug/ml



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

R.T.: 18.302 min
Delta R.T.: -0.016 min
Response: 2864583
Conc: 21.96 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022