

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060322AR\
 Data File : FD042770.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 19:29
 Operator : UA/NP
 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 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:51:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.665	2870307	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
6) S 2-Fluorobiphenyl (SURR)	8.530	1908742	18.559 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.12%
11) S ortho-Terphenyl (SURR)	11.579	3158319	17.791 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	3211728	19.183 ug/ml
2) T Naphthalene (C11.7)	6.000	3276538	18.951 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	3002831	18.830 ug/ml
5) T Acenaphthylene (C15.06)	8.333	3129151	18.111 ug/ml
7) T Acenaphthene (C15.5)	8.629	3153601	18.328 ug/ml
8) T Flouorene (C16.55)	9.412	3078509	18.337 ug/ml
9) T Phenanthrene (C19.36)	10.811	2941995	17.891 ug/ml
10) T Anthracene (C19.43)	10.885	2609282	17.072 ug/ml
12) T Fluoranthene (C21.85)	12.626	2728715	17.320 ug/ml
13) T Pyrene (C20.8)	12.923	2661274	17.094 ug/ml
14) T Benzo[a]anthracene (C...	14.797	2467292	18.505 ug/ml
15) T Chrysene (C27.41)	14.839	2567947	19.437 ug/ml
16) T benzo[b]fluoranthene ...	16.349	2588189	19.429 ug/ml
17) T Bnezo[k]fluoranthene ...	16.381	2490445	20.107 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.727	2410712	19.477 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.093	2281536	20.469 ug/mlm
20) T Dibenz[a,h]anthracene...	18.134	2584468	23.234 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.349	2427831	20.427 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060322AR\
Data File : FD042770.D
Signal(s) : FID2B.CH
Acq On : 03 Jun 2022 19:29
Operator : UA/NP
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

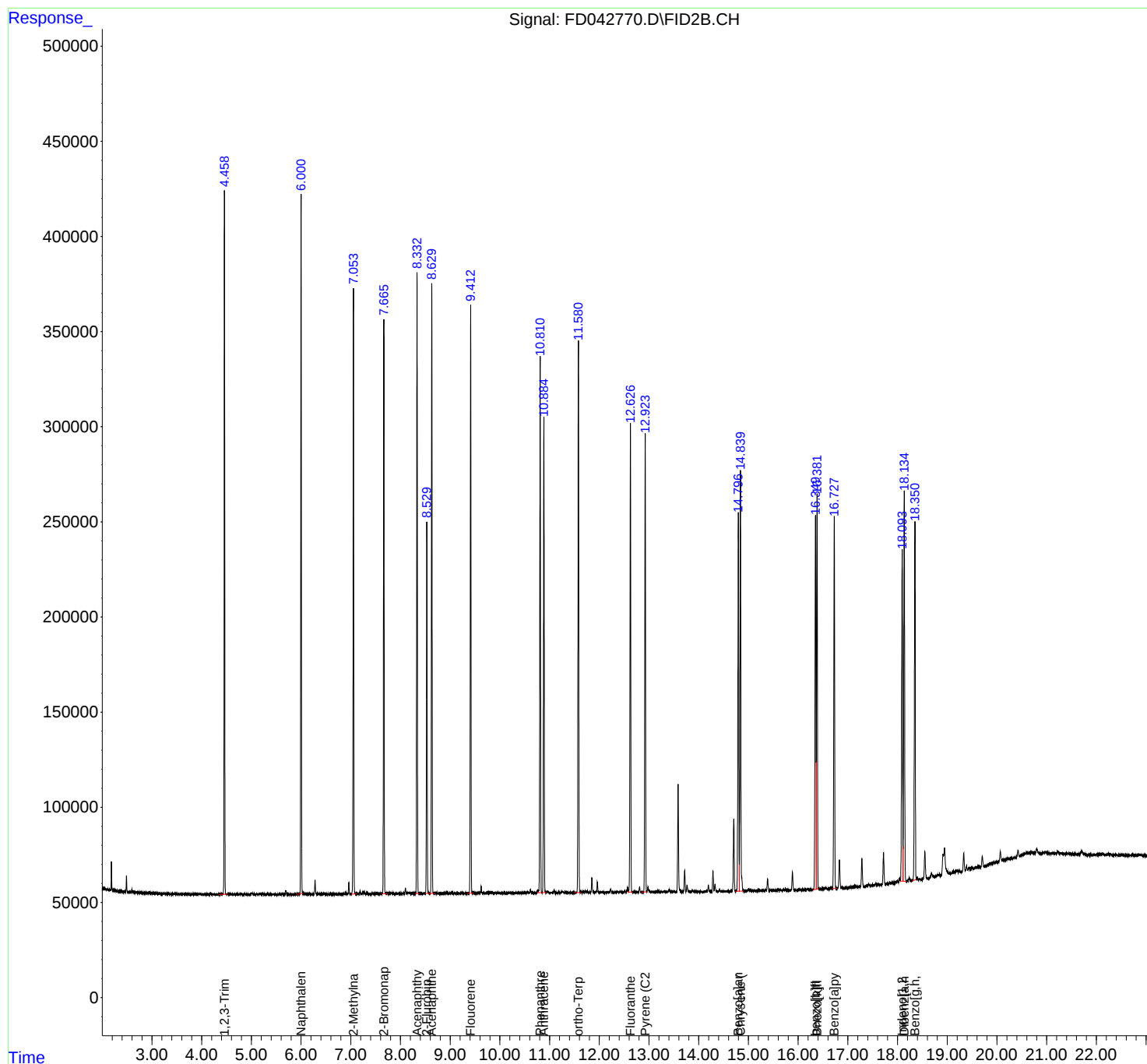
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

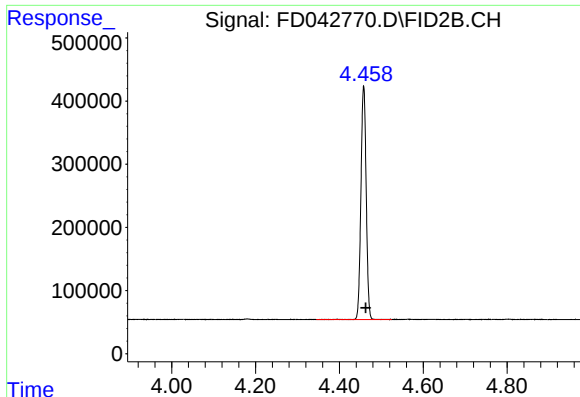
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/06/2022
Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
Quant Time: Jun 03 23:51:19 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
Quant Title : GC Extractables
QLast Update : Wed Jun 01 10:34:31 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





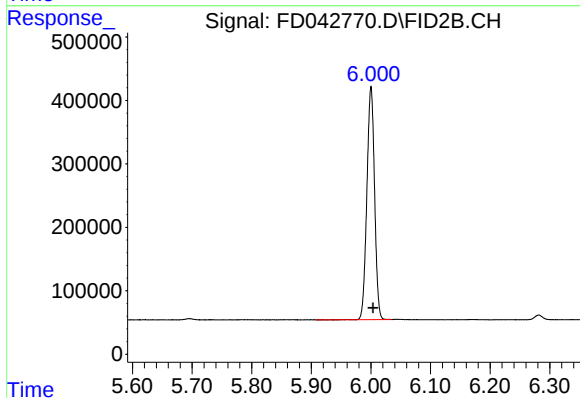
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 3211728
Conc: 19.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

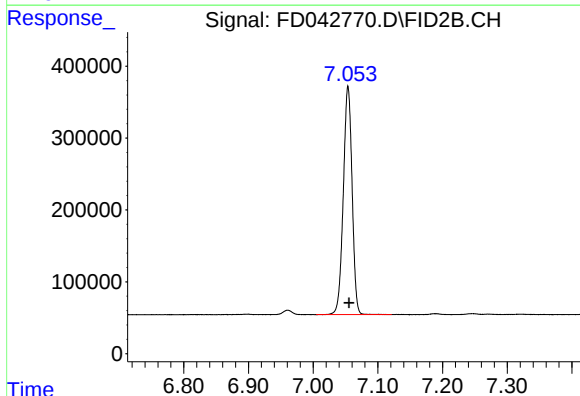
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/06/2022
Supervised By :Ankita Jodhani 06/06/2022



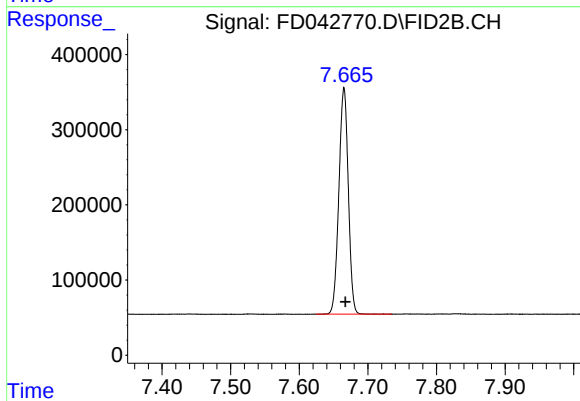
#2 Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.004 min
Response: 3276538
Conc: 18.95 ug/ml



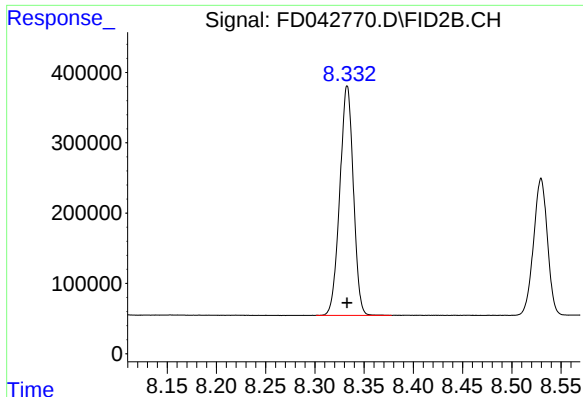
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 3002831
Conc: 18.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 2870307
Conc: 18.78 ug/ml



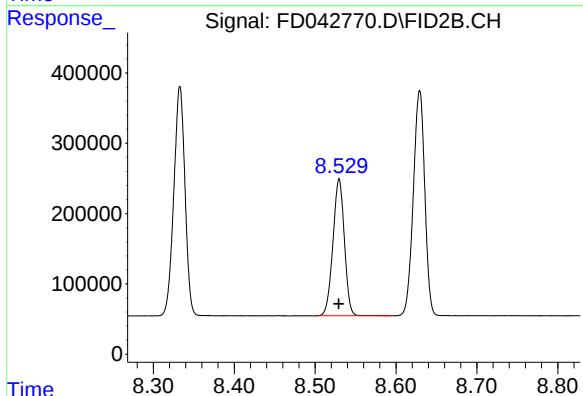
#5 Acenaphthylene (C15.06)

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 3129151
Conc: 18.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

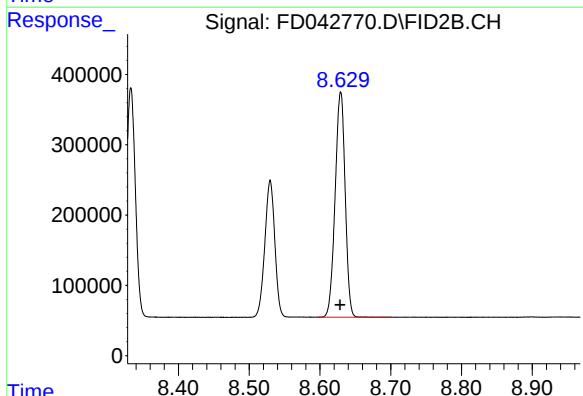
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/06/2022
Supervised By :Ankita Jodhani 06/06/2022



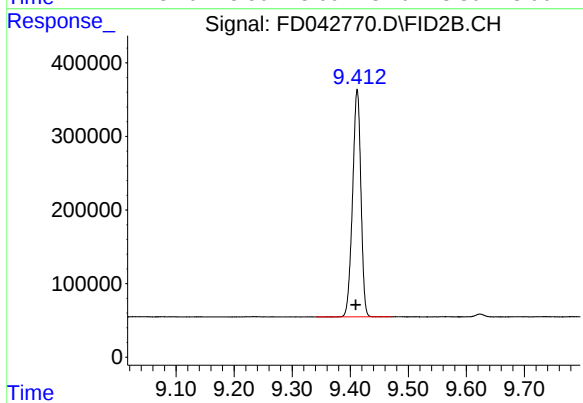
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 1908742
Conc: 18.56 ug/ml



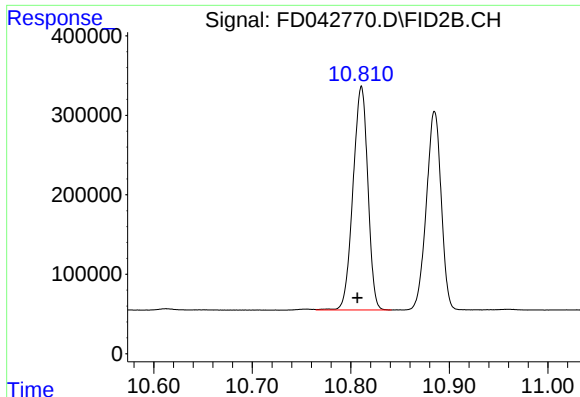
#7 Acenaphthene (C15.5)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 3153601
Conc: 18.33 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.412 min
Delta R.T.: 0.002 min
Response: 3078509
Conc: 18.34 ug/ml



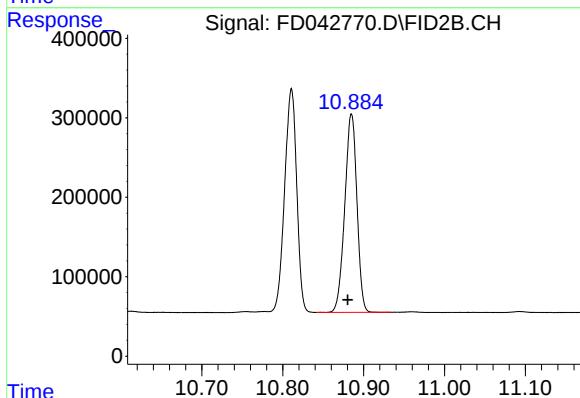
#9 Phenanthrene (C19.36)

R.T.: 10.811 min
Delta R.T.: 0.004 min
Response: 2941995
Conc: 17.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

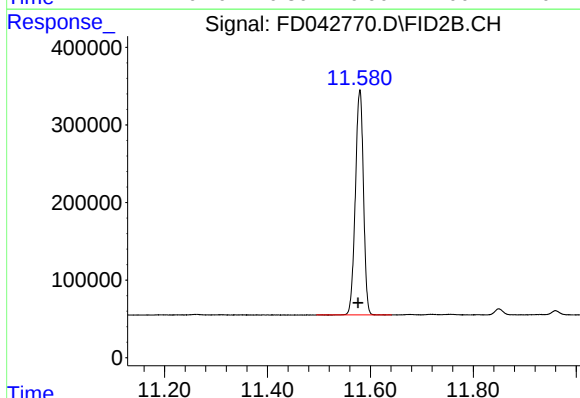
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/06/2022
Supervised By :Ankita Jodhani 06/06/2022



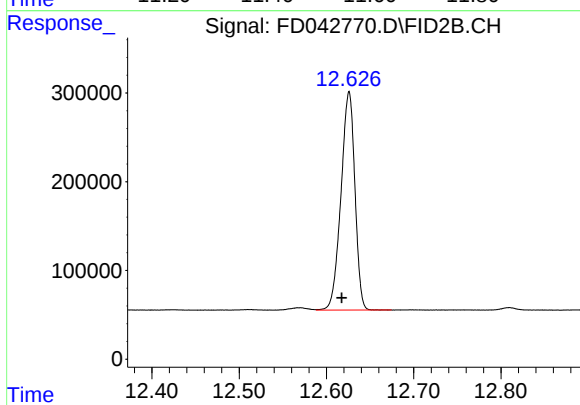
#10 Anthracene (C19.43)

R.T.: 10.885 min
Delta R.T.: 0.005 min
Response: 2609282
Conc: 17.07 ug/ml



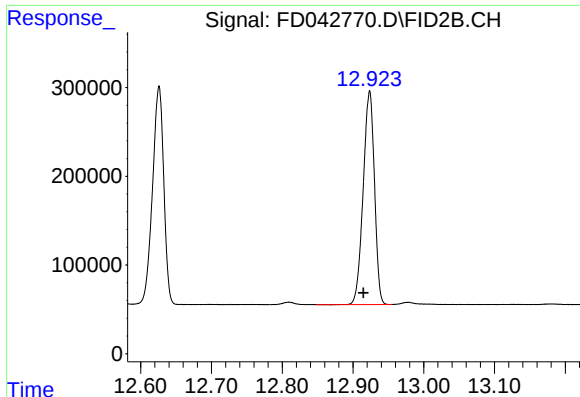
#11 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.003 min
Response: 3158319
Conc: 17.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.626 min
Delta R.T.: 0.008 min
Response: 2728715
Conc: 17.32 ug/ml



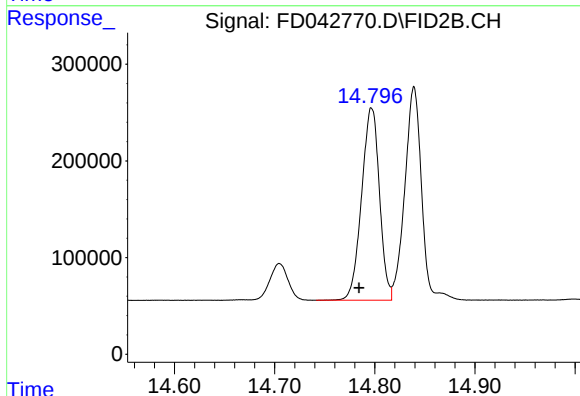
#13 Pyrene (C20.8)

R.T.: 12.923 min
Delta R.T.: 0.008 min
Response: 2661274
Conc: 17.09 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

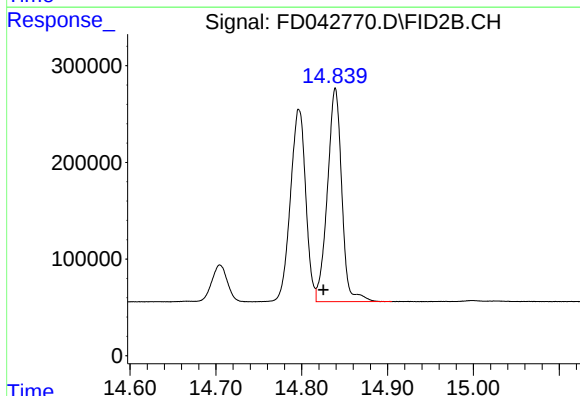
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/06/2022
Supervised By :Ankita Jodhani 06/06/2022



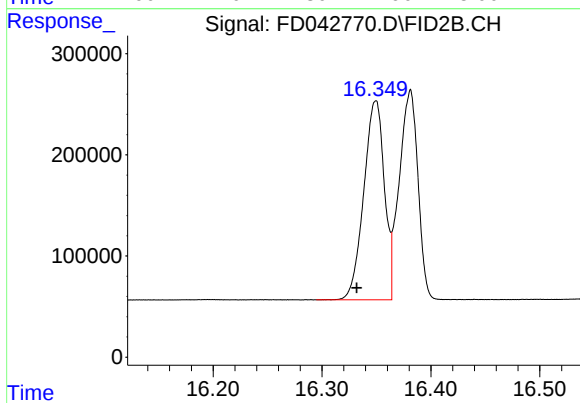
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.797 min
Delta R.T.: 0.012 min
Response: 2467292
Conc: 18.50 ug/ml



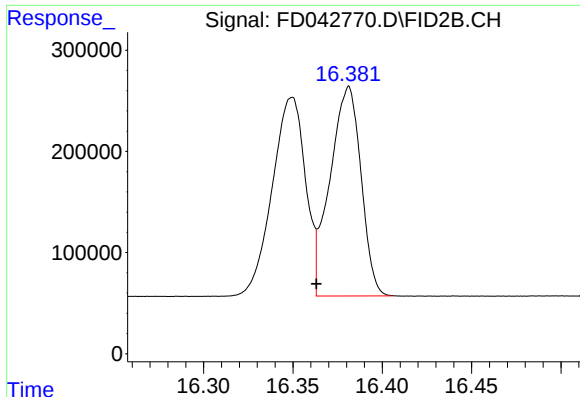
#15 Chrysene (C27.41)

R.T.: 14.839 min
Delta R.T.: 0.014 min
Response: 2567947
Conc: 19.44 ug/ml



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

R.T.: 16.349 min
Delta R.T.: 0.017 min
Response: 2588189
Conc: 19.43 ug/ml



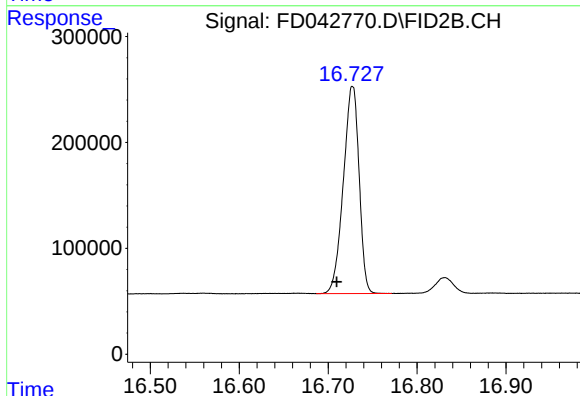
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.381 min
Delta R.T.: 0.018 min
Response: 2490445
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

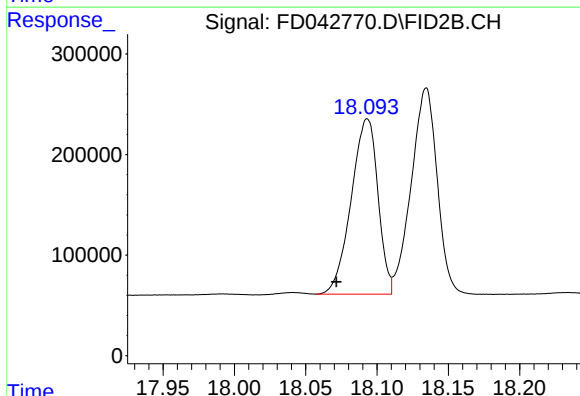
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/06/2022
Supervised By :Ankita Jodhani 06/06/2022



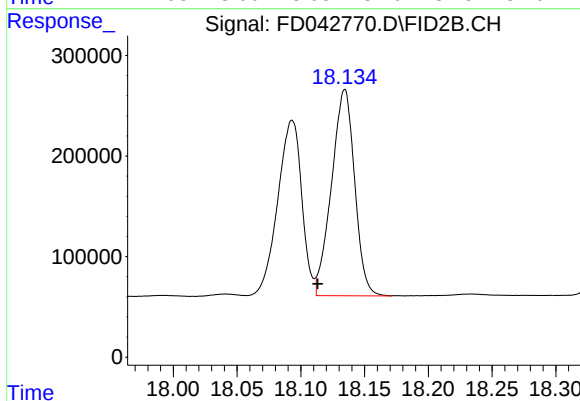
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.727 min
Delta R.T.: 0.017 min
Response: 2410712
Conc: 19.48 ug/ml



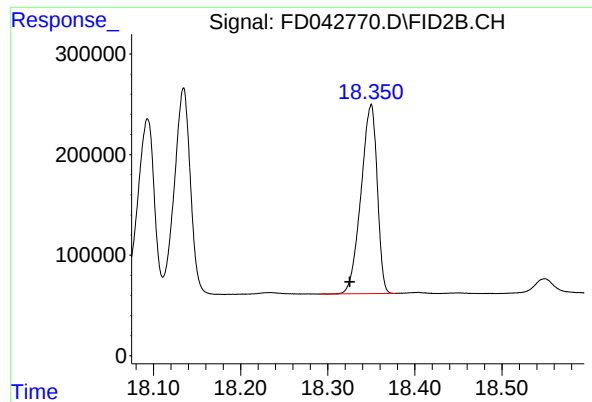
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.093 min
Delta R.T.: 0.021 min
Response: 2281536
Conc: 20.47 ug/ml m



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

R.T.: 18.134 min
Delta R.T.: 0.021 min
Response: 2584468
Conc: 23.23 ug/ml m



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

R.T.: 18.349 min
Delta R.T.: 0.024 min
Response: 2427831
Conc: 20.43 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2022
Supervised By :Ankita Jodhani 06/06/2022