

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022823AR\
 Data File : FD045189.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2023 22:07
 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 03/01/2023
 Supervised By :Ankita Jodhani 03/01/2023

Integration File: autoint1.e
 Quant Time: Mar 01 04:21:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.552	2790672	20.807 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
6) S 2-Fluorobiphenyl (SURR)	8.408	1855064	20.699 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.40%
11) S ortho-Terphenyl (SURR)	11.449	3475681	20.665 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3126662	20.885 ug/ml
2) T Naphthalene (C11.7)	5.892	3269063	20.821 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	3254416	20.802 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2958686	20.722 ug/ml
7) T Acenaphthene (C15.5)	8.507	3143350	20.845 ug/ml
8) T Fluorene (C16.55)	9.286	3046760	20.670 ug/ml
9) T Phenanthrene (C19.36)	10.678	2957151	20.428 ug/ml
10) T Anthracene (C19.43)	10.751	2577948	19.041 ug/ml
12) T Fluoranthene (C21.85)	12.482	2916846	20.350 ug/ml
13) T Pyrene (C20.8)	12.777	2843564	20.307 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2558257	20.109 ug/ml
15) T Chrysene (C27.41)	14.684	2654097	20.044 ug/ml
16) T benzo[b]fluoranthene ...	16.184	2661676	20.295 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.217	2649303	20.430 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	2565870	19.990 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	2466204	19.635 ug/mlm
20) T Dibenz[a,h]anthracene...	17.958	2500914	20.448 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	2547428	20.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022823AR\
Data File : FD045189.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2023 22:07
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

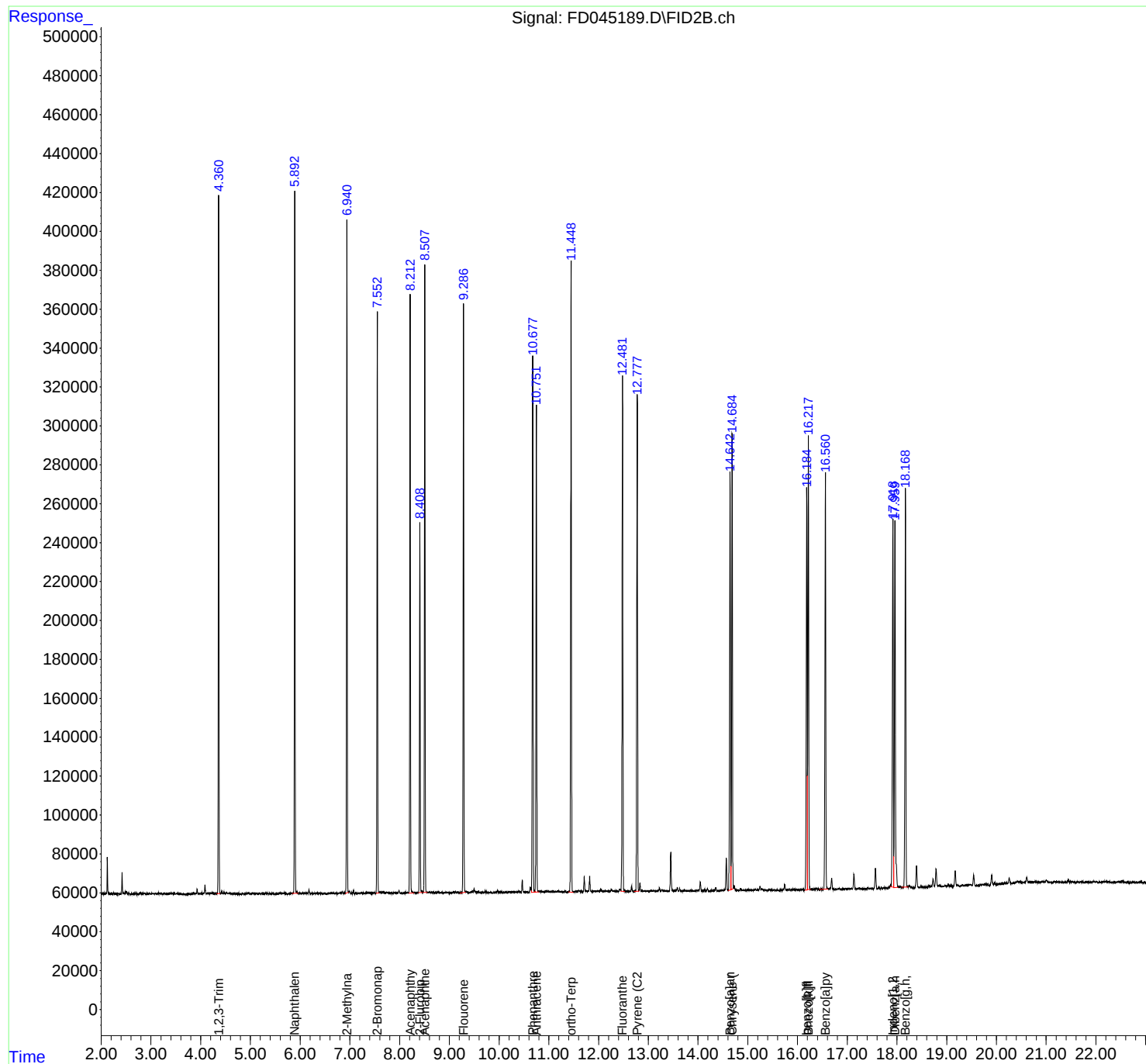
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

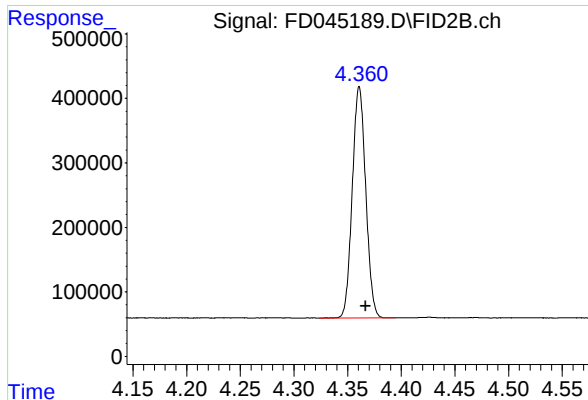
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023

Integration File: autoint1.e
Quant Time: Mar 01 04:21:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
Quant Title : GC Extractables
QLast Update : Wed Feb 22 04:55:52 2023
Response via : Initial Calibration
Integrator: ChemStation

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





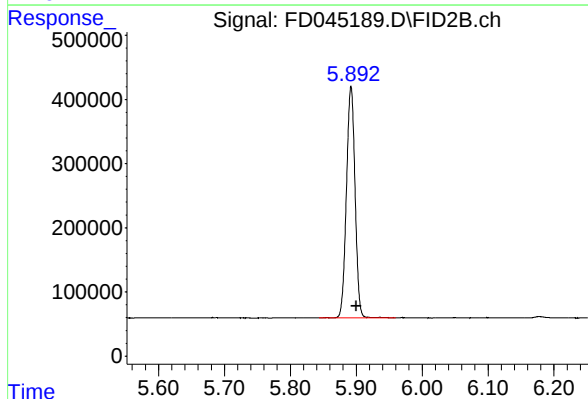
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.361 min
Delta R.T.: -0.006 min
Response: 3126662
Conc: 20.88 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

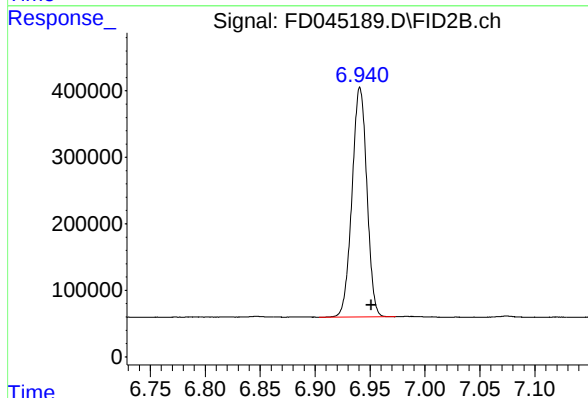
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



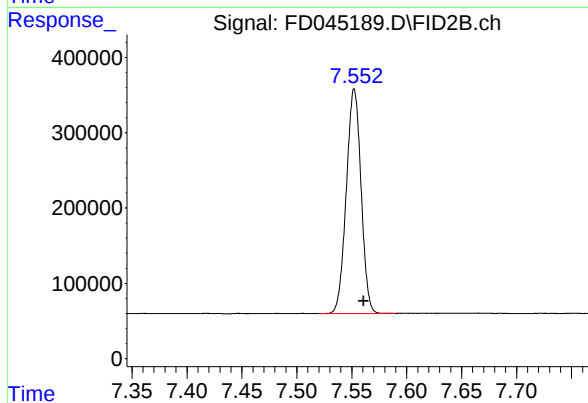
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.008 min
Response: 3269063
Conc: 20.82 ug/ml



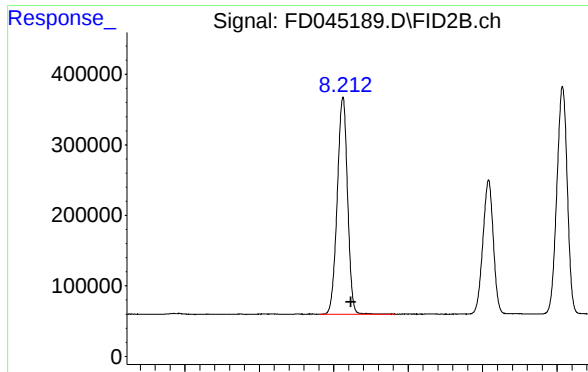
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: -0.010 min
Response: 3254416
Conc: 20.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: -0.009 min
Response: 2790672
Conc: 20.81 ug/ml



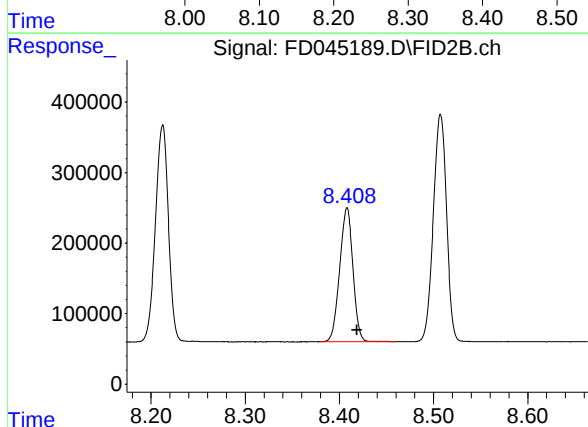
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: -0.011 min
Response: 2958686
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

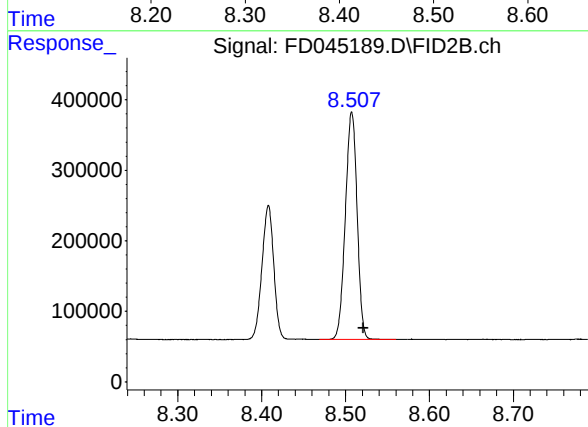
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



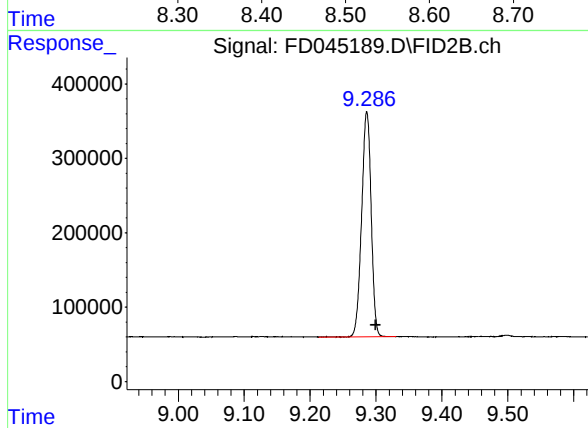
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: -0.011 min
Response: 1855064
Conc: 20.70 ug/ml



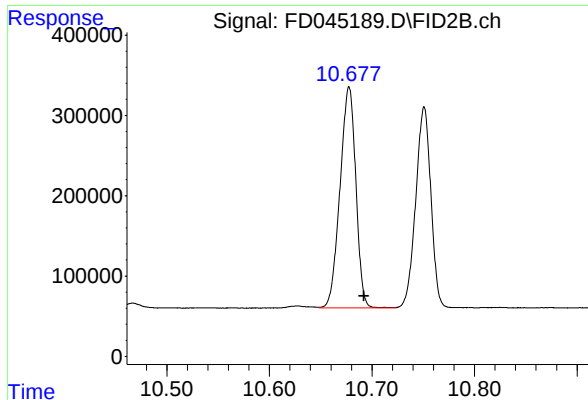
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: -0.014 min
Response: 3143350
Conc: 20.85 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: -0.013 min
Response: 3046760
Conc: 20.67 ug/ml



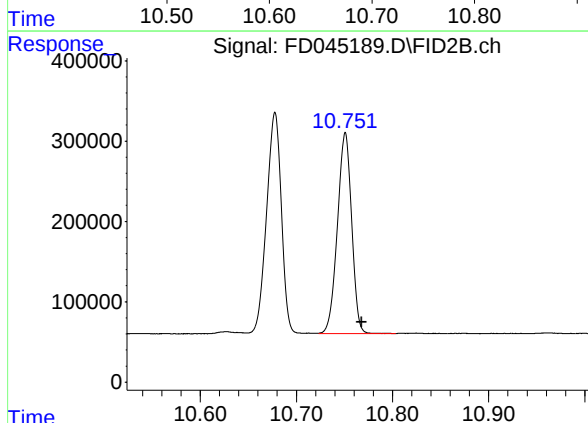
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.015 min
Response: 2957151
Conc: 20.43 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

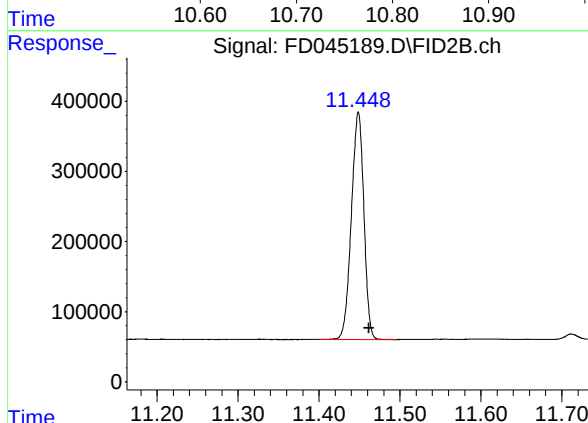
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



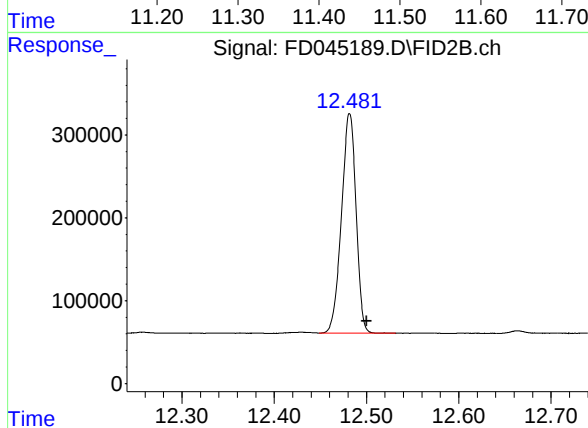
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: -0.017 min
Response: 2577948
Conc: 19.04 ug/ml



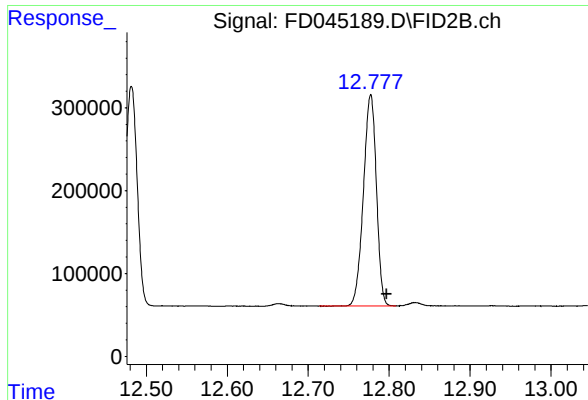
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: -0.013 min
Response: 3475681
Conc: 20.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.019 min
Response: 2916846
Conc: 20.35 ug/ml



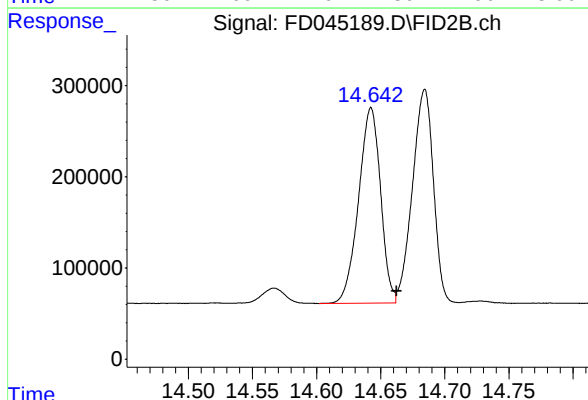
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.020 min
Response: 2843564
Conc: 20.31 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

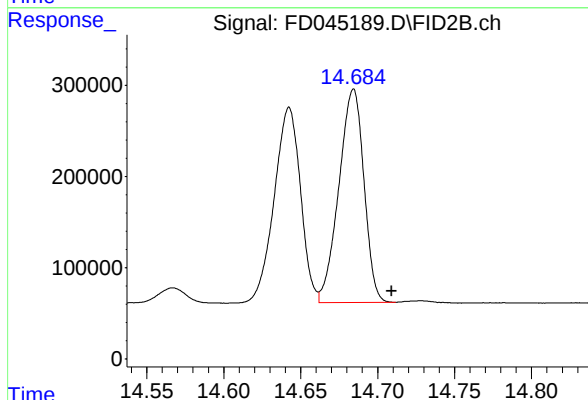
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



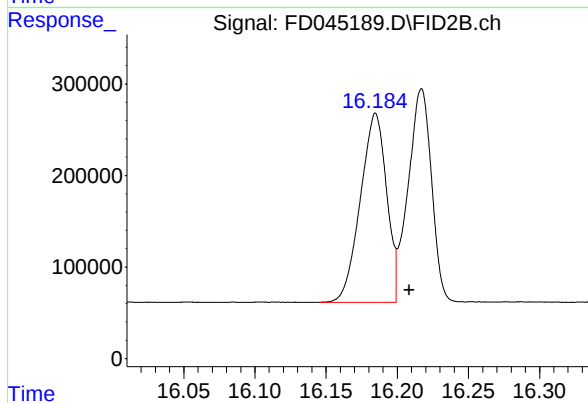
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: -0.020 min
Response: 2558257
Conc: 20.11 ug/ml



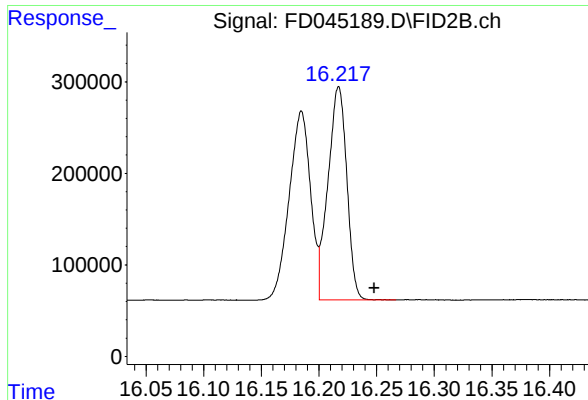
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: -0.025 min
Response: 2654097
Conc: 20.04 ug/ml



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

R.T.: 16.184 min
Delta R.T.: -0.024 min
Response: 2661676
Conc: 20.29 ug/ml m



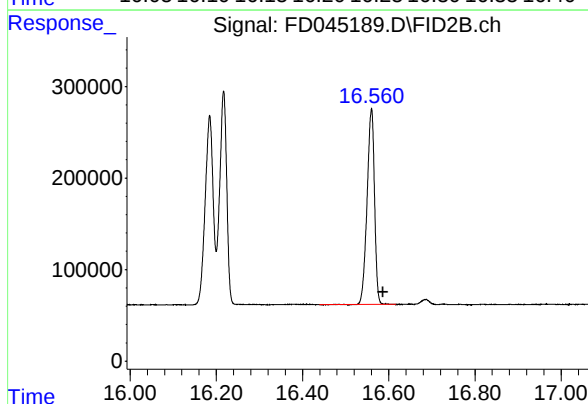
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: -0.031 min
Response: 2649303
Conc: 20.43 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

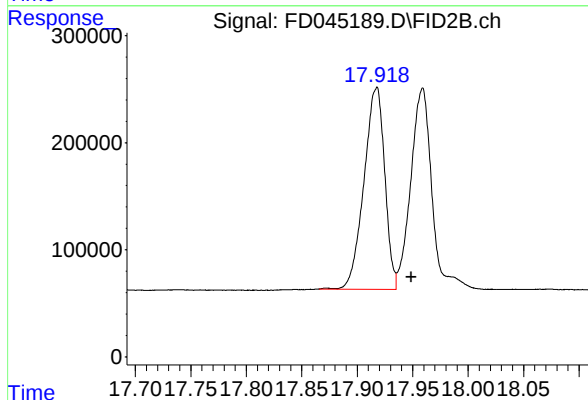
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



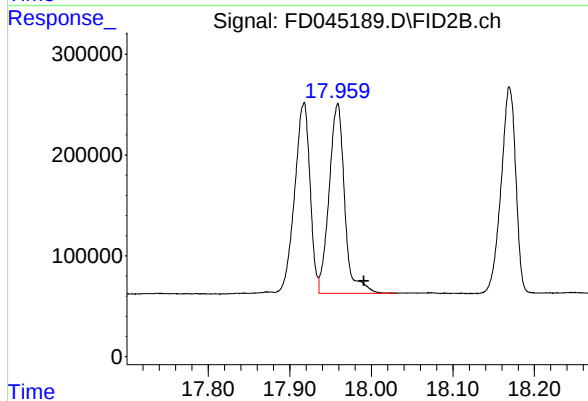
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.028 min
Response: 2565870
Conc: 19.99 ug/ml



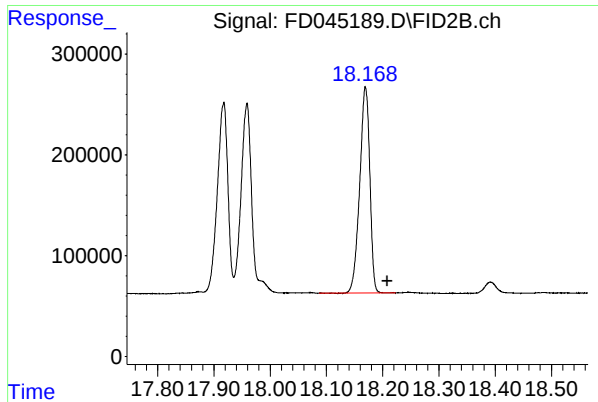
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: -0.031 min
Response: 2466204
Conc: 19.63 ug/ml m



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

R.T.: 17.958 min
Delta R.T.: -0.033 min
Response: 2500914
Conc: 20.45 ug/ml



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

R.T.: 18.169 min
Delta R.T.: -0.039 min
Response: 2547428
Conc: 20.08 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023