

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090424AR\
 Data File : FG014165.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2024 09:42
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2024
 Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e
 Quant Time: Sep 04 11:10:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:06:02 2024
 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...	7.891	5648100	50.003 ug/ml
Spiked Amount 50.000		Recovery =	100.01%
6) S 2-Fluorobiphenyl (SURR)	8.768	3797013	50.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.20%
11) S ortho-Terphenyl (SURR)	11.837	6530325	49.758 ug/ml
Spiked Amount 50.000		Recovery =	99.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	6287561	49.882 ug/ml
2) T Naphthalene (C11.7)	6.164	6543229	49.959 ug/ml
3) T 2-Methylnaphthalene (...)	7.264	6579759	50.598 ug/ml
5) T Acenaphthylene (C15.06)	8.567	6522036	49.959 ug/ml
7) T Acenaphthene (C15.5)	8.867	6569183	49.499 ug/ml
8) T Fluorene (C16.55)	9.659	6438258	49.673 ug/ml
9) T Phenanthrene (C19.36)	11.068	6329319	50.359 ug/ml
10) T Anthracene (C19.43)	11.145	6333253	49.099 ug/ml
12) T Fluoranthene (C21.85)	12.894	6411807	49.743 ug/ml
13) T Pyrene (C20.8)	13.194	6253904	49.202 ug/mlm
14) T Benzo[a]anthracene (C...	15.080	6036682	50.529 ug/ml
15) T Chrysene (C27.41)	15.124	6322410	49.107 ug/ml
16) T benzo[b]fluoranthene ...	16.644	6190607	50.779 ug/ml
17) T Bnezo[k]fluoranthene ...	16.678	5863127	49.008 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.027	6062614	49.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.404	5567403	50.325 ug/ml
20) T Dibenz[a,h]anthracene...	18.442	6676261	49.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.661	6489993	49.934 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090424AR\
Data File : FG014165.D
Signal(s) : FID1A.ch
Acq On : 04 Sep 2024 09:42
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

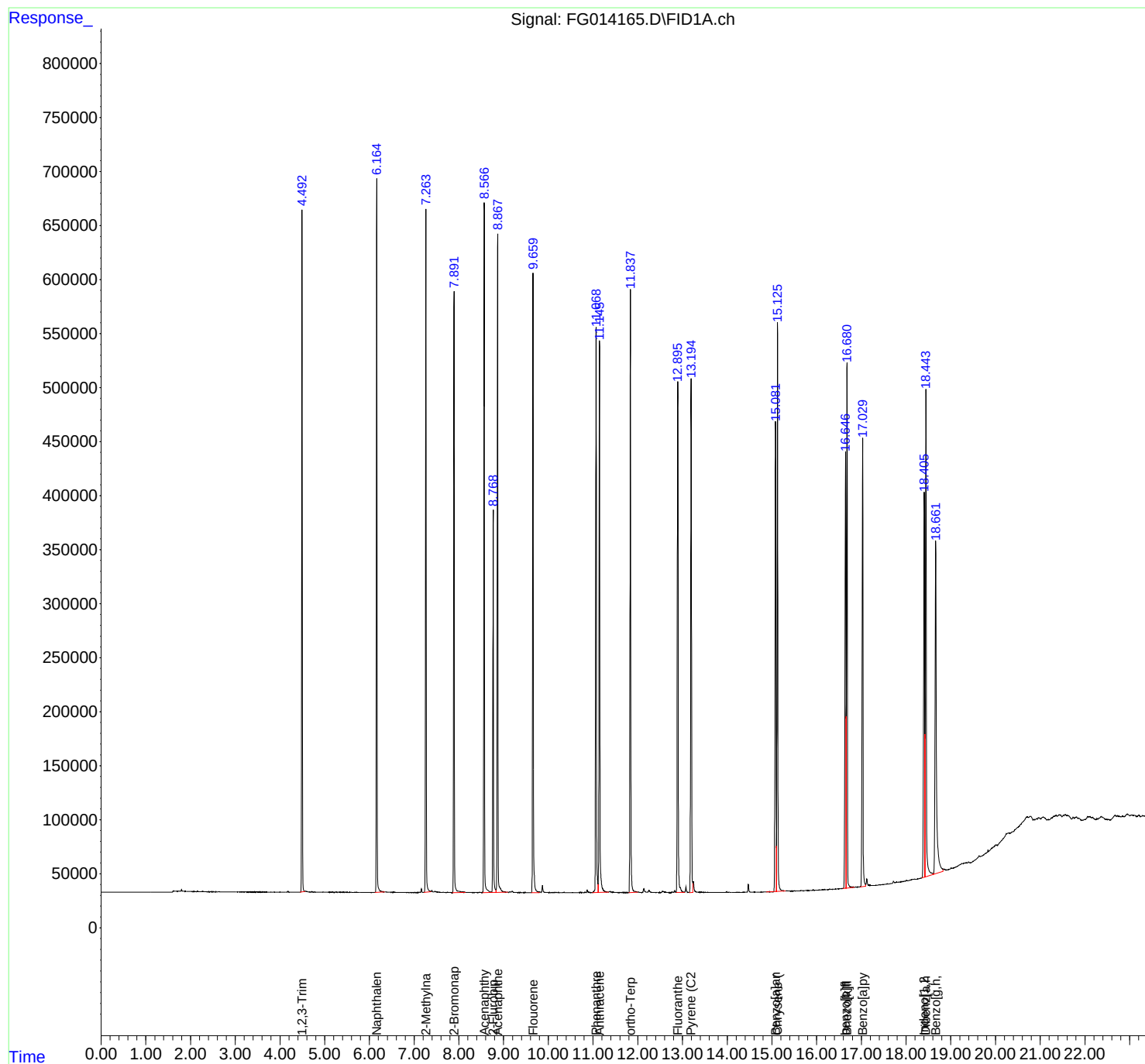
Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2

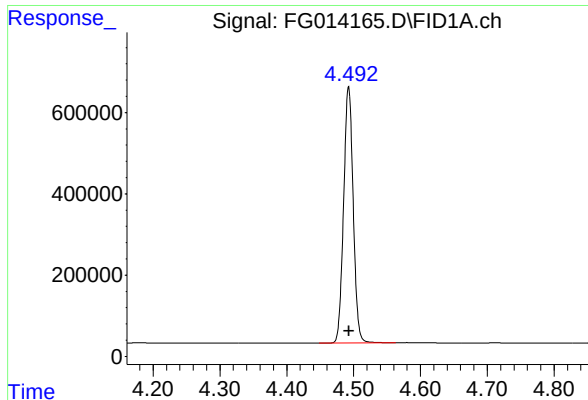
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e
Quant Time: Sep 04 11:10:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
Quant Title : GC Extractables
QLast Update : Wed Sep 04 11:06:02 2024
Response via : Initial Calibration
Integrator: ChemStation

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





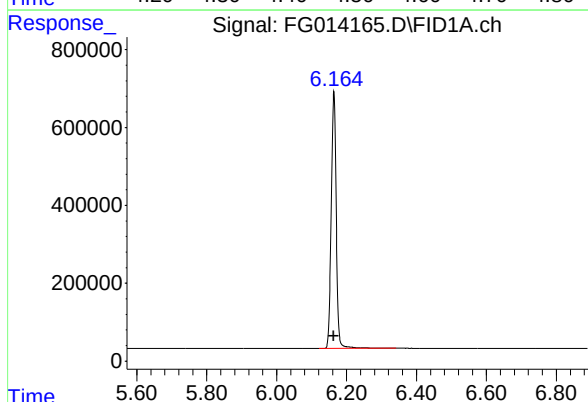
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 6287561
Conc: 49.88 ug/ml

Instrument : FID_G
ClientSampleId : 50 PPM AROMATIC HC STD2

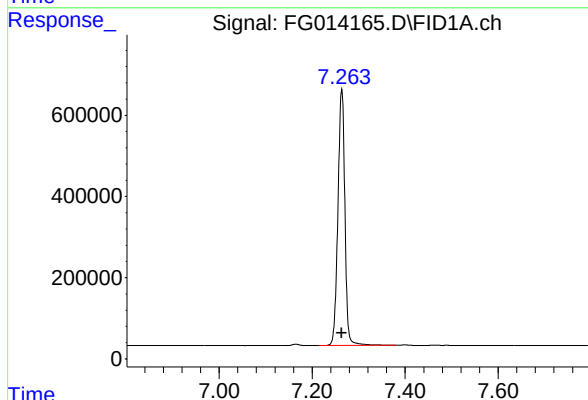
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024



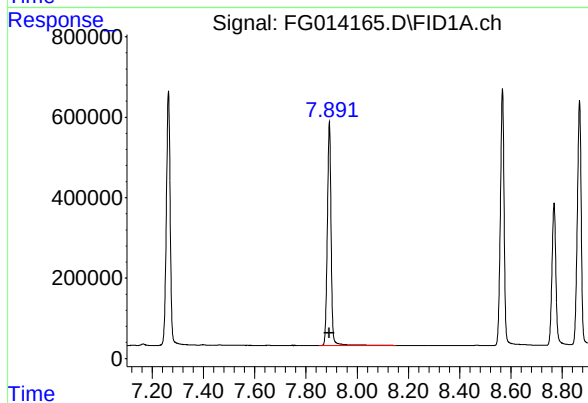
#2 Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 6543229
Conc: 49.96 ug/ml



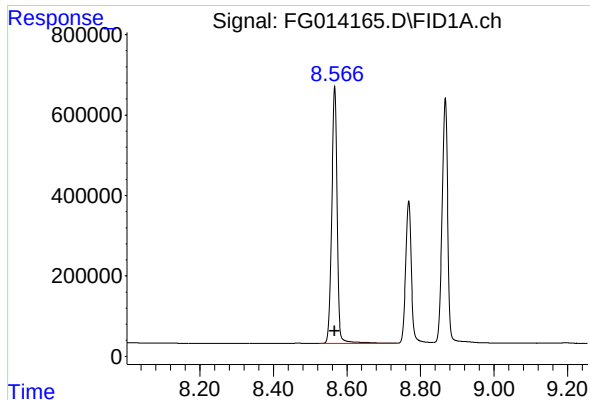
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 6579759
Conc: 50.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 5648100
Conc: 50.00 ug/ml



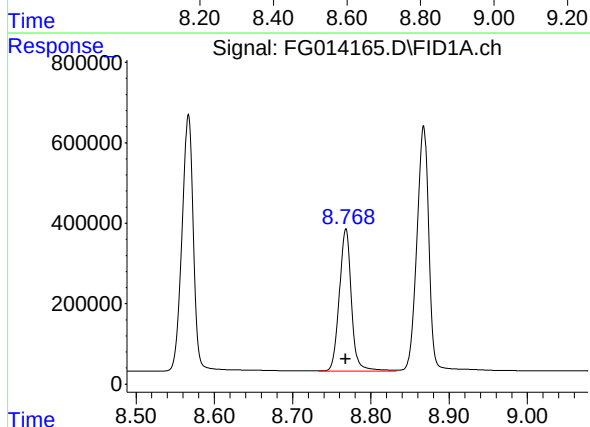
#5 Acenaphthylene (C15.06)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 6522036
Conc: 49.96 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2

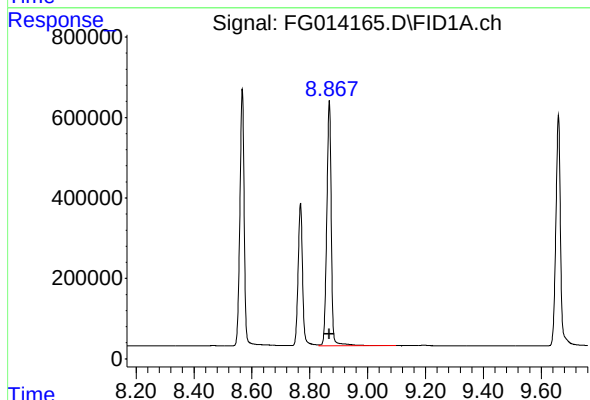
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024



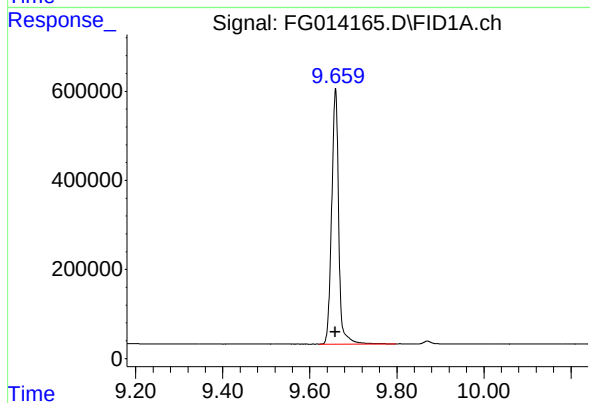
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.768 min
Delta R.T.: 0.000 min
Response: 3797013
Conc: 50.10 ug/ml



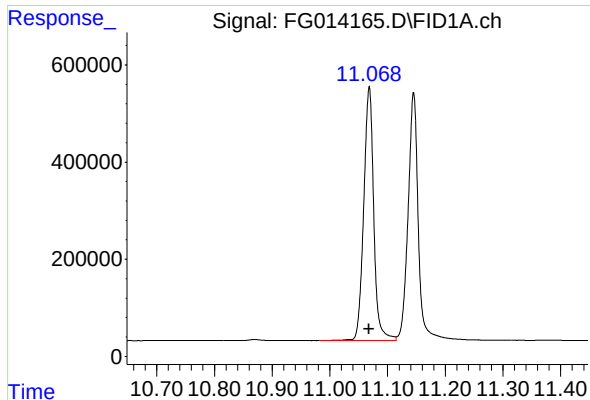
#7 Acenaphthene (C15.5)

R.T.: 8.867 min
Delta R.T.: 0.000 min
Response: 6569183
Conc: 49.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.659 min
Delta R.T.: 0.000 min
Response: 6438258
Conc: 49.67 ug/ml



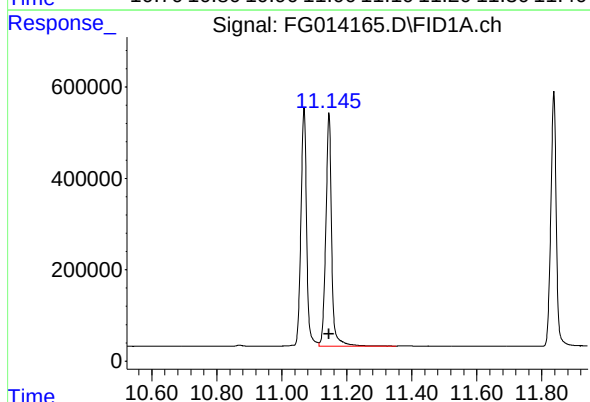
#9 Phenanthrene (C19.36)

R.T.: 11.068 min
Delta R.T.: 0.000 min
Response: 6329319
Conc: 50.36 ug/ml

Instrument : FID_G
ClientSampleId : 50 PPM AROMATIC HC STD2

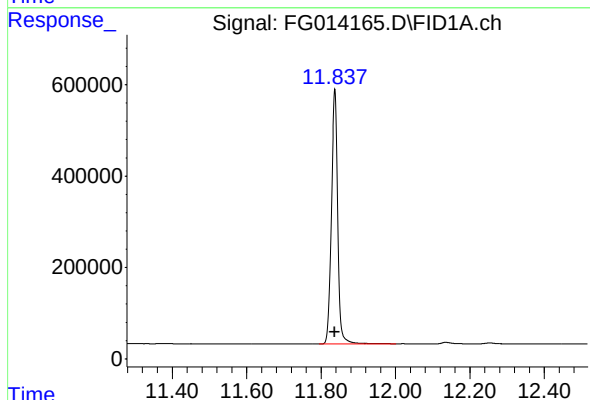
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024



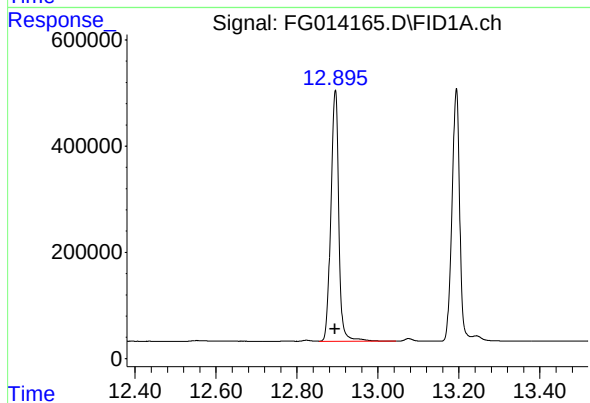
#10 Anthracene (C19.43)

R.T.: 11.145 min
Delta R.T.: 0.000 min
Response: 6333253
Conc: 49.10 ug/ml



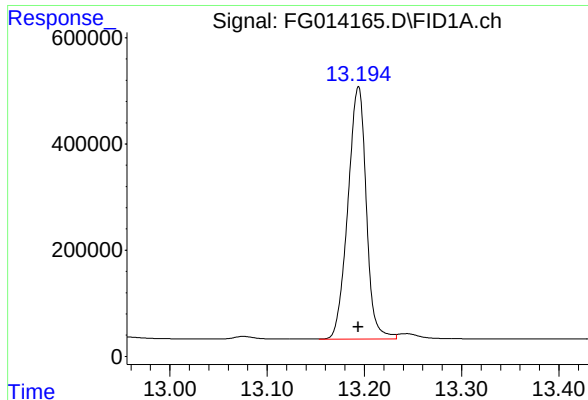
#11 ortho-Terphenyl (SURRE)

R.T.: 11.837 min
Delta R.T.: 0.000 min
Response: 6530325
Conc: 49.76 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 6411807
Conc: 49.74 ug/ml



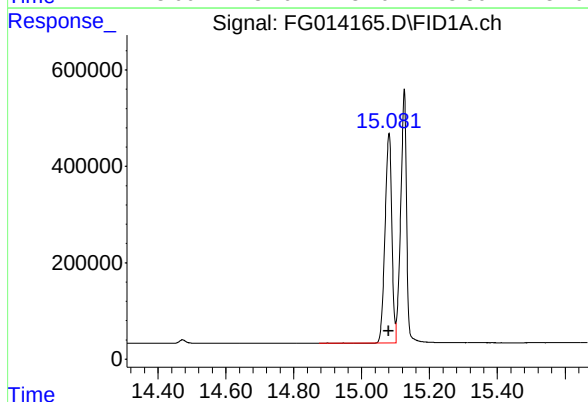
#13 Pyrene (C20.8)

R.T.: 13.194 min
Delta R.T.: 0.000 min
Response: 6253904
Conc: 49.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2

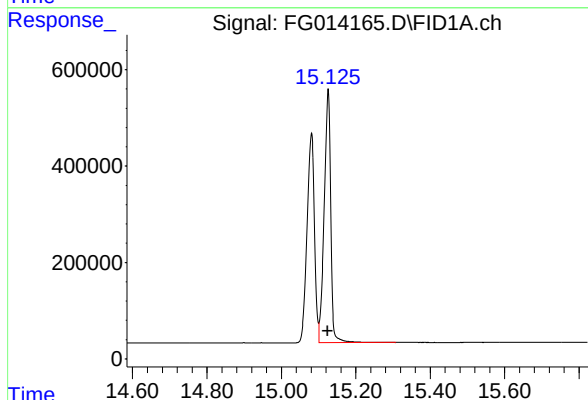
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024



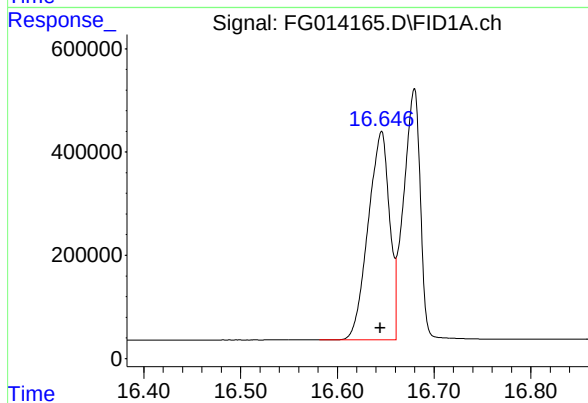
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.080 min
Delta R.T.: 0.000 min
Response: 6036682
Conc: 50.53 ug/ml



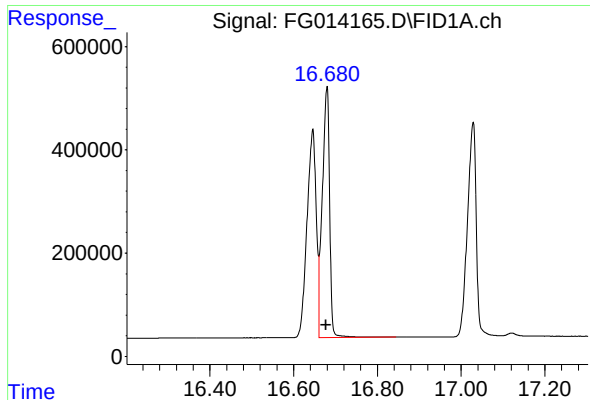
#15 Chrysene (C27.41)

R.T.: 15.124 min
Delta R.T.: 0.000 min
Response: 6322410
Conc: 49.11 ug/ml



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

R.T.: 16.644 min
Delta R.T.: 0.000 min
Response: 6190607
Conc: 50.78 ug/ml



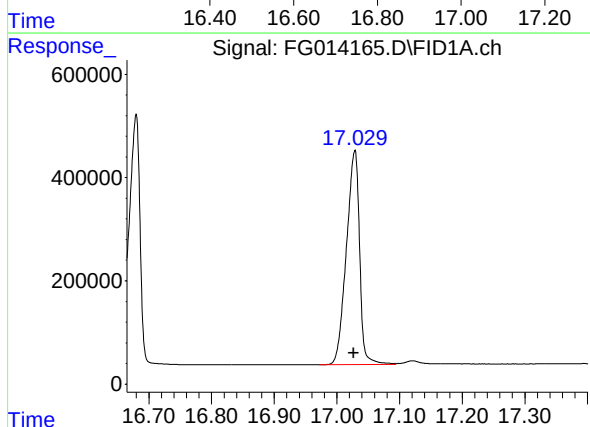
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.678 min
Delta R.T.: 0.000 min
Response: 5863127
Conc: 49.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2

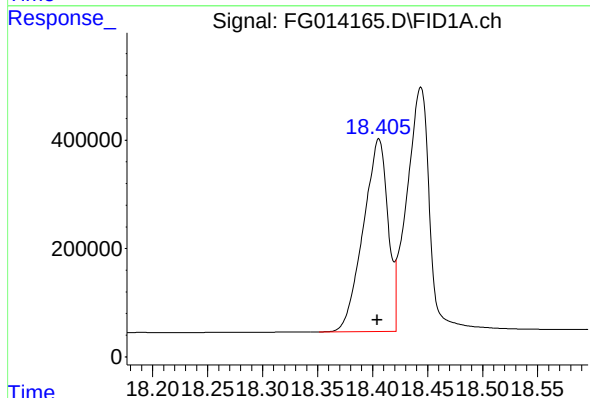
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024



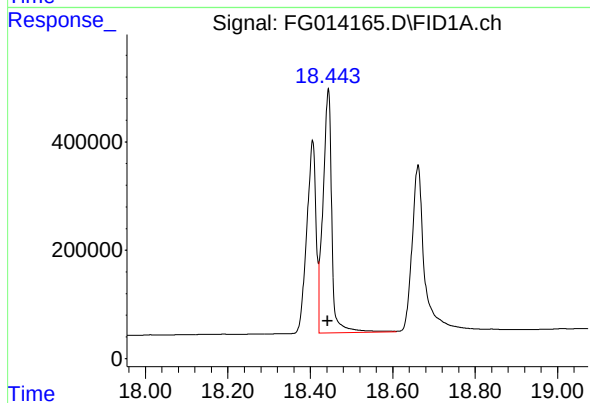
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.027 min
Delta R.T.: 0.000 min
Response: 6062614
Conc: 49.84 ug/ml



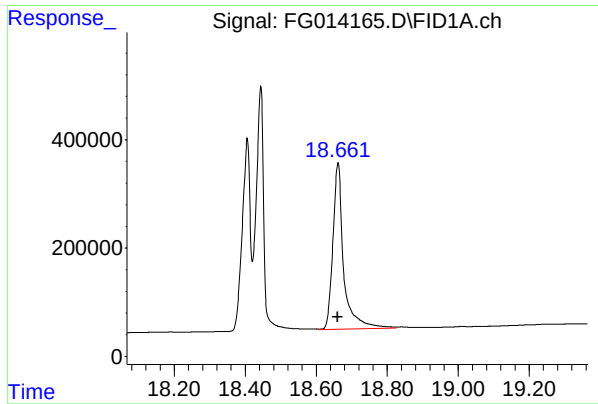
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.404 min
Delta R.T.: 0.000 min
Response: 5567403
Conc: 50.33 ug/ml



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

R.T.: 18.442 min
Delta R.T.: 0.000 min
Response: 6676261
Conc: 49.83 ug/ml



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

R.T.: 18.661 min
Delta R.T.: 0.000 min
Response: 6489993
Conc: 49.93 ug/ml

Instrument :

FID_G

ClientSampleId :

50 PPM AROMATIC HC STD2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024