

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014228.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 18:40
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 04:51:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.879	2194598	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
6) S 2-Fluorobiphenyl (SURR)	8.753	1426498	19.593 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.19%
11) S ortho-Terphenyl (SURR)	11.820	2594358	19.246 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	2429918	18.875 ug/ml
2) T Naphthalene (C11.7)	6.151	2505109	19.859 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	2600217	20.415 ug/ml
5) T Acenaphthylene (C15.06)	8.551	2501743	19.248 ug/ml
7) T Acenaphthene (C15.5)	8.850	2644967	19.099 ug/ml
8) T Flouorene (C16.55)	9.642	2539781	19.594 ug/ml
9) T Phenanthrene (C19.36)	11.050	2355888	19.493 ug/ml
10) T Anthracene (C19.43)	11.126	2608460	18.802 ug/ml
12) T Fluoranthene (C21.85)	12.875	2556432	19.720 ug/ml
13) T Pyrene (C20.8)	13.172	2582896	19.781 ug/ml
14) T Benzo[a]anthracene (C...	15.056	2207647	19.406 ug/mlm
15) T Chrysene (C27.41)	15.099	2731876	19.325 ug/ml
16) T benzo[b]fluoranthene ...	16.618	2301459	20.080 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.650	2629388	19.554 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.001	2399912	19.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.376	1786225	18.071 ug/mlm
20) T Dibenz[a,h]anthracene...	18.414	3131471	21.272 ug/ml
21) T Benzo[g,h,i]perylene ...	18.631	2575465	19.705 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
Data File : FG014228.D
Signal(s) : FID1A.ch
Acq On : 13 Sep 2024 18:40
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

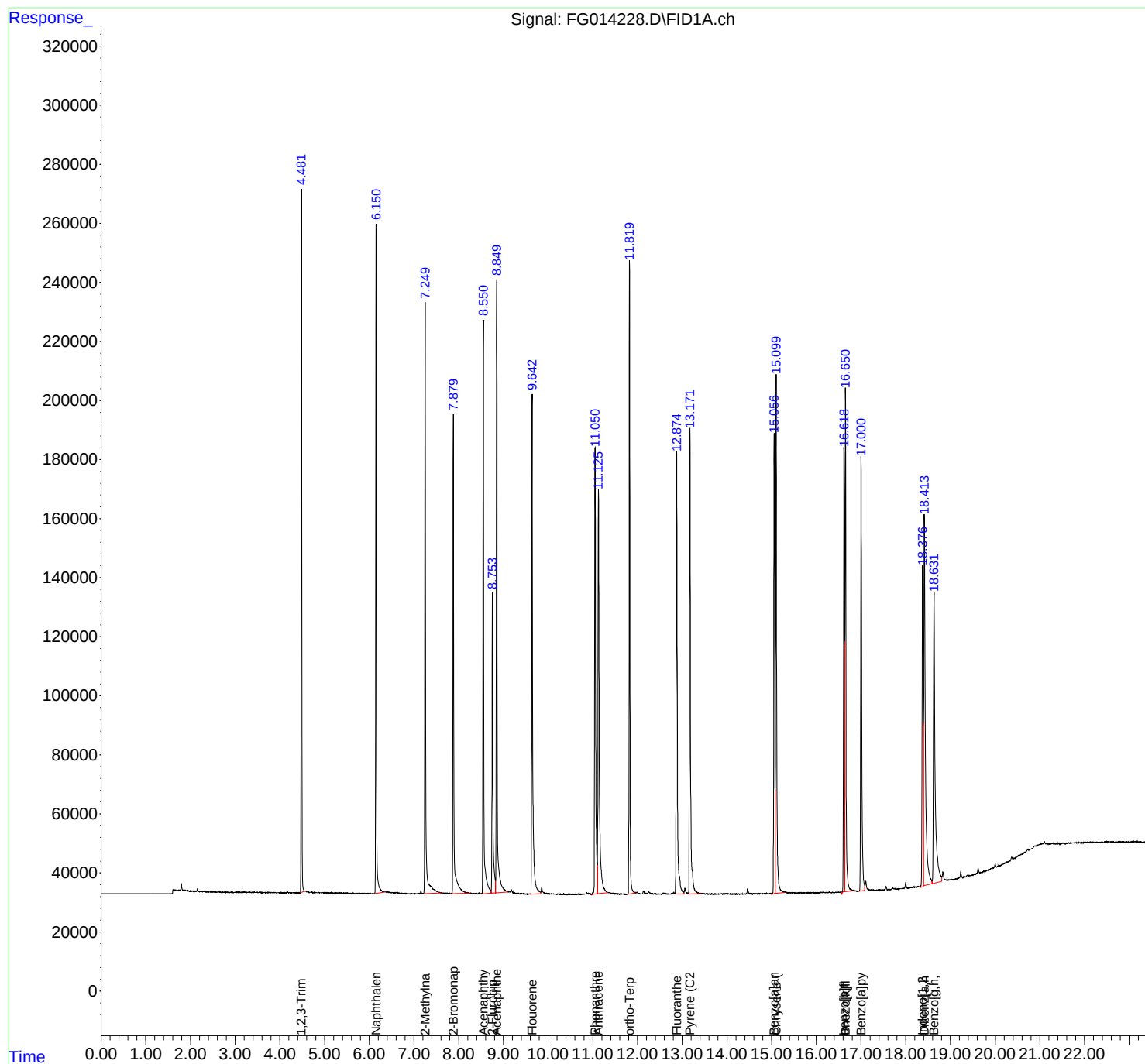
Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

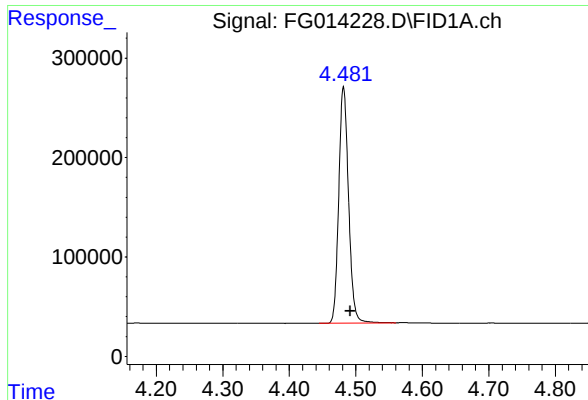
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
Quant Time: Sep 14 04:51:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
Quant Title : GC Extractables
QLast Update : Wed Sep 04 11:28:29 2024
Response via : Initial Calibration
Integrator: ChemStation

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





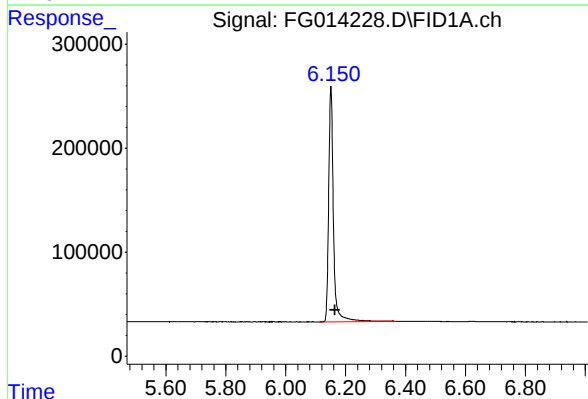
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 2429918
Conc: 18.87 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

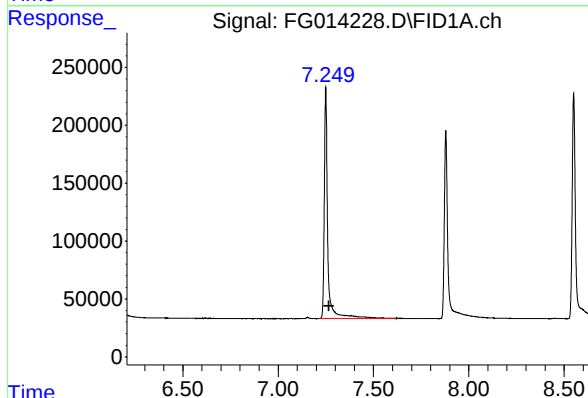
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



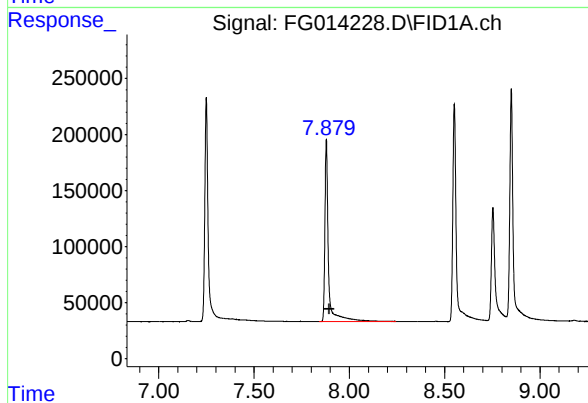
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 2505109
Conc: 19.86 ug/ml



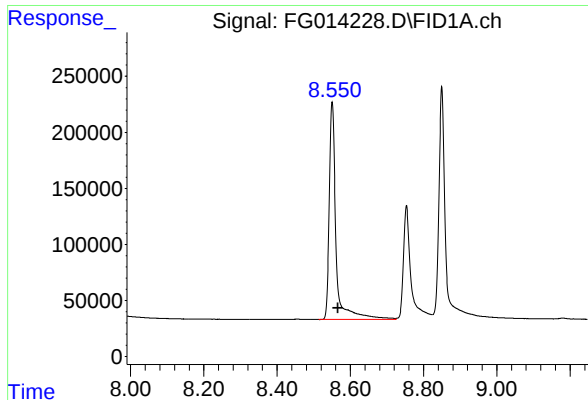
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.017 min
Response: 2600217
Conc: 20.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.879 min
Delta R.T.: -0.016 min
Response: 2194598
Conc: 19.62 ug/ml



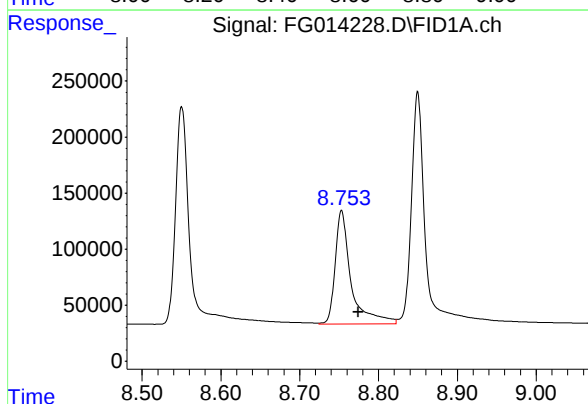
#5 Acenaphthylene (C15.06)

R.T.: 8.551 min
Delta R.T.: -0.016 min
Response: 2501743
Conc: 19.25 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

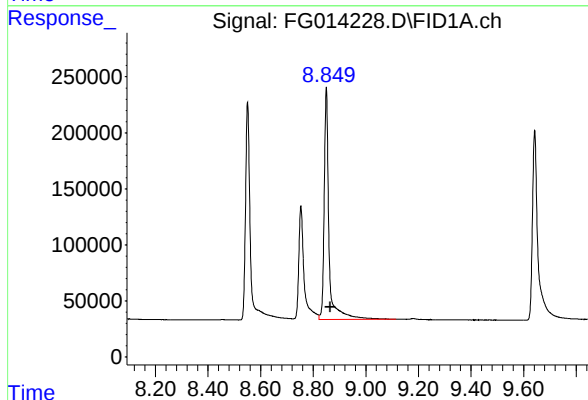
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



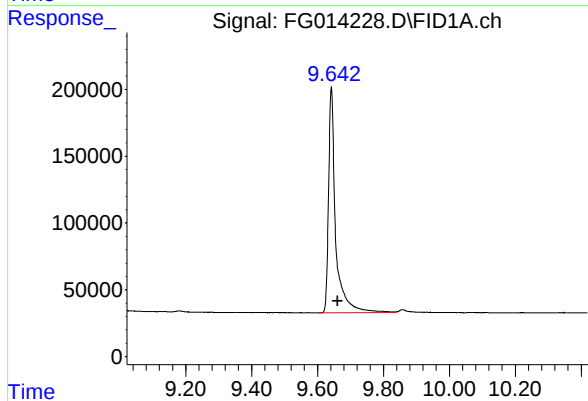
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.753 min
Delta R.T.: -0.021 min
Response: 1426498
Conc: 19.59 ug/ml



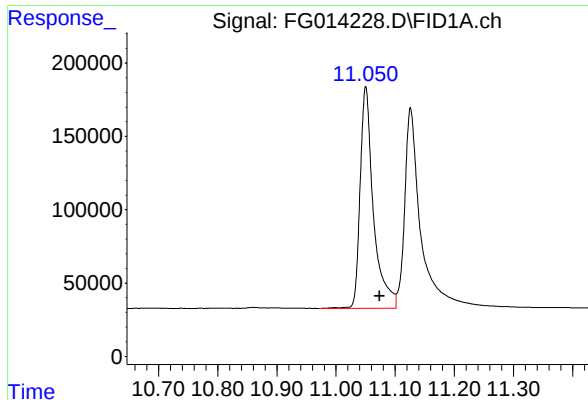
#7 Acenaphthene (C15.5)

R.T.: 8.850 min
Delta R.T.: -0.015 min
Response: 2644967
Conc: 19.10 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.642 min
Delta R.T.: -0.019 min
Response: 2539781
Conc: 19.59 ug/ml



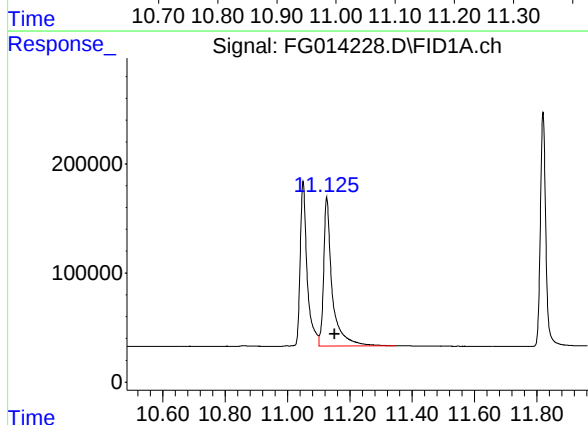
#9 Phenanthrene (C19.36)

R.T.: 11.050 min
Delta R.T.: -0.023 min
Response: 2355888
Conc: 19.49 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

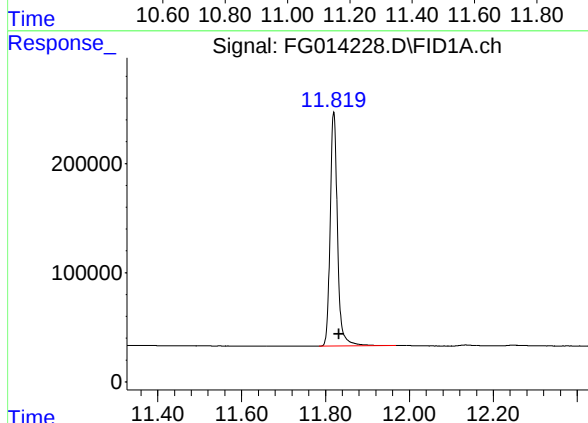
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



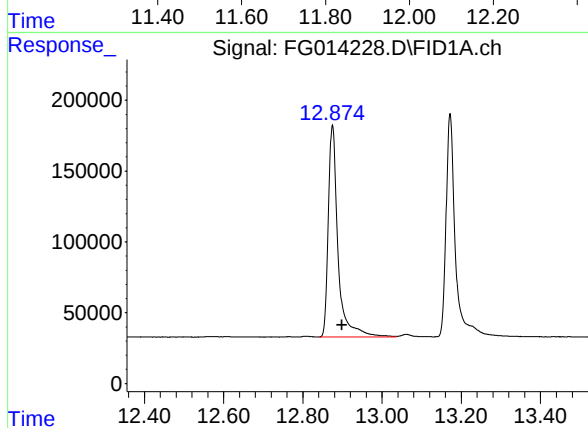
#10 Anthracene (C19.43)

R.T.: 11.126 min
Delta R.T.: -0.026 min
Response: 2608460
Conc: 18.80 ug/ml



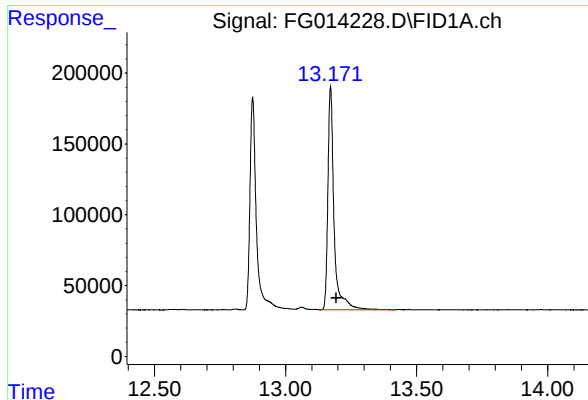
#11 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: -0.012 min
Response: 2594358
Conc: 19.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.875 min
Delta R.T.: -0.024 min
Response: 2556432
Conc: 19.72 ug/ml



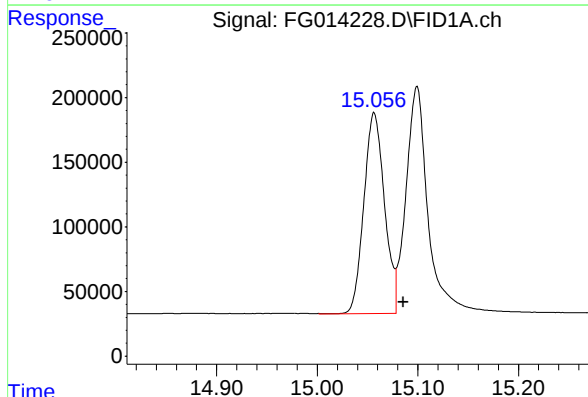
#13 Pyrene (C20.8)

R.T.: 13.172 min
Delta R.T.: -0.022 min
Response: 2582896
Conc: 19.78 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

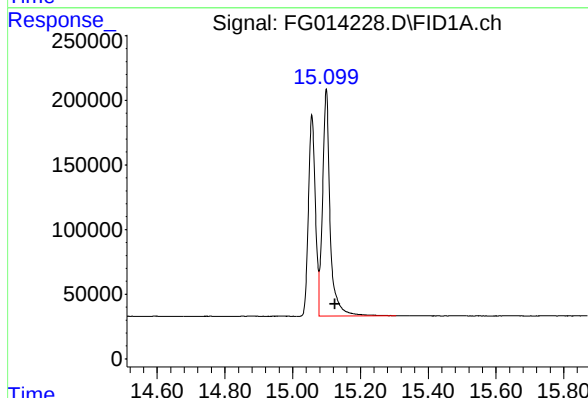
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



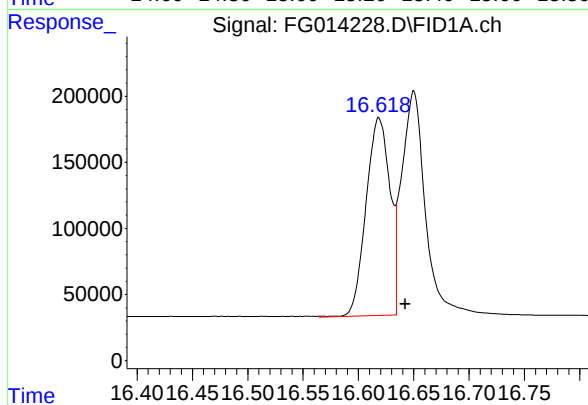
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.056 min
Delta R.T.: -0.030 min
Response: 2207647
Conc: 19.41 ug/ml m



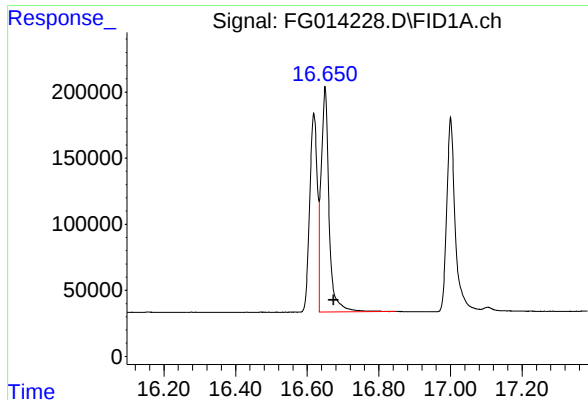
#15 Chrysene (C27.41)

R.T.: 15.099 min
Delta R.T.: -0.026 min
Response: 2731876
Conc: 19.33 ug/ml



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

R.T.: 16.618 min
Delta R.T.: -0.025 min
Response: 2301459
Conc: 20.08 ug/ml m



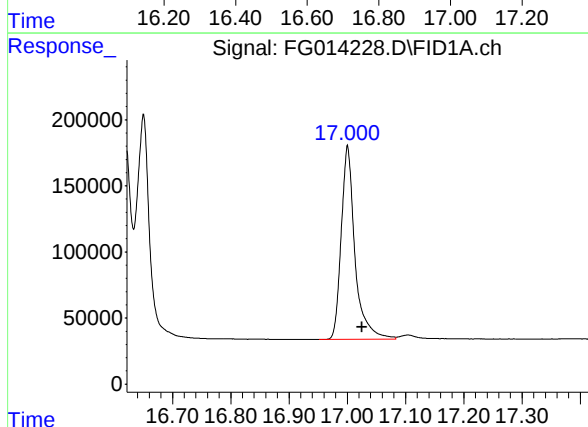
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.650 min
Delta R.T.: -0.023 min
Response: 2629388
Conc: 19.55 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

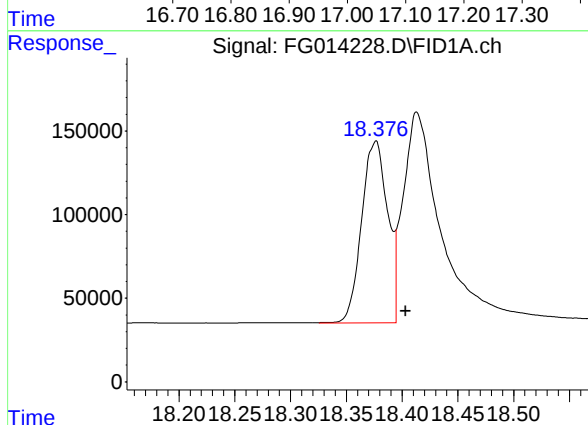
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



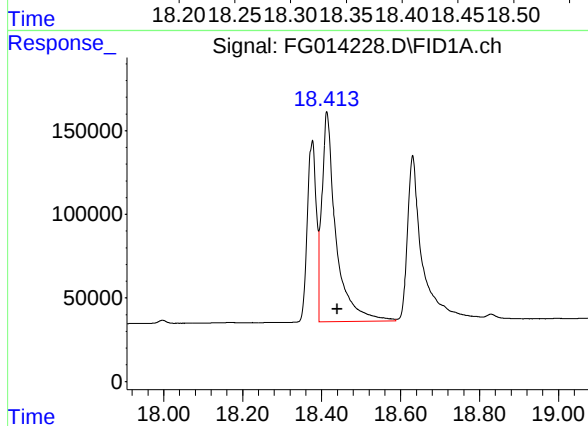
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.001 min
Delta R.T.: -0.024 min
Response: 2399912
Conc: 19.31 ug/ml



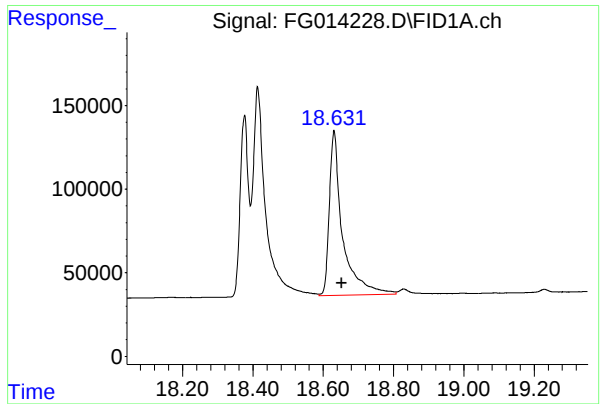
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.376 min
Delta R.T.: -0.027 min
Response: 1786225
Conc: 18.07 ug/ml m



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

R.T.: 18.414 min
Delta R.T.: -0.026 min
Response: 3131471
Conc: 21.27 ug/ml



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

R.T.: 18.631 min
Delta R.T.: -0.021 min
Response: 2575465
Conc: 19.71 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024