

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103024AR\
 Data File : FG014587.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 22:21
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Oct 31 06:45:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.012	2506078	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
6) S 2-Fluorobiphenyl (SURR)	8.887	1697637	19.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.42%
11) S ortho-Terphenyl (SURR)	11.958	2836234	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.617	2820296	20.816 ug/ml
2) T Naphthalene (C11.7)	6.287	2940961	20.494 ug/ml
3) T 2-Methylnaphthalene (...)	7.384	2960419	20.270 ug/ml
5) T Acenaphthylene (C15.06)	8.688	2878382	19.770 ug/ml
7) T Acenaphthene (C15.5)	8.988	2876046	19.874 ug/ml
8) T Fluorene (C16.55)	9.777	2828829	19.526 ug/ml
9) T Phenanthrene (C19.36)	11.185	2812854	19.111 ug/ml
10) T Anthracene (C19.43)	11.260	2649121	18.891 ug/ml
12) T Fluoranthene (C21.85)	13.008	2770543	18.733 ug/ml
13) T Pyrene (C20.8)	13.307	2746039	18.678 ug/ml
14) T Benzo[a]anthracene (C...	15.187	2597166	17.934 ug/mlm
15) T Chrysene (C27.41)	15.230	2639234	17.993 ug/ml
16) T benzo[b]fluoranthene ...	16.743	2543322	17.292 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.776	2454722	17.787 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.123	2532737	17.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	2330479	17.460 ug/mlm
20) T Dibenz[a,h]anthracene...	18.534	2448055	17.542 ug/ml
21) T Benzo[g,h,i]perylene ...	18.750	2470518	17.757 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103024AR\
Data File : FG014587.D
Signal(s) : FID1A.ch
Acq On : 30 Oct 2024 22:21
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 31 Sample Multiplier: 1

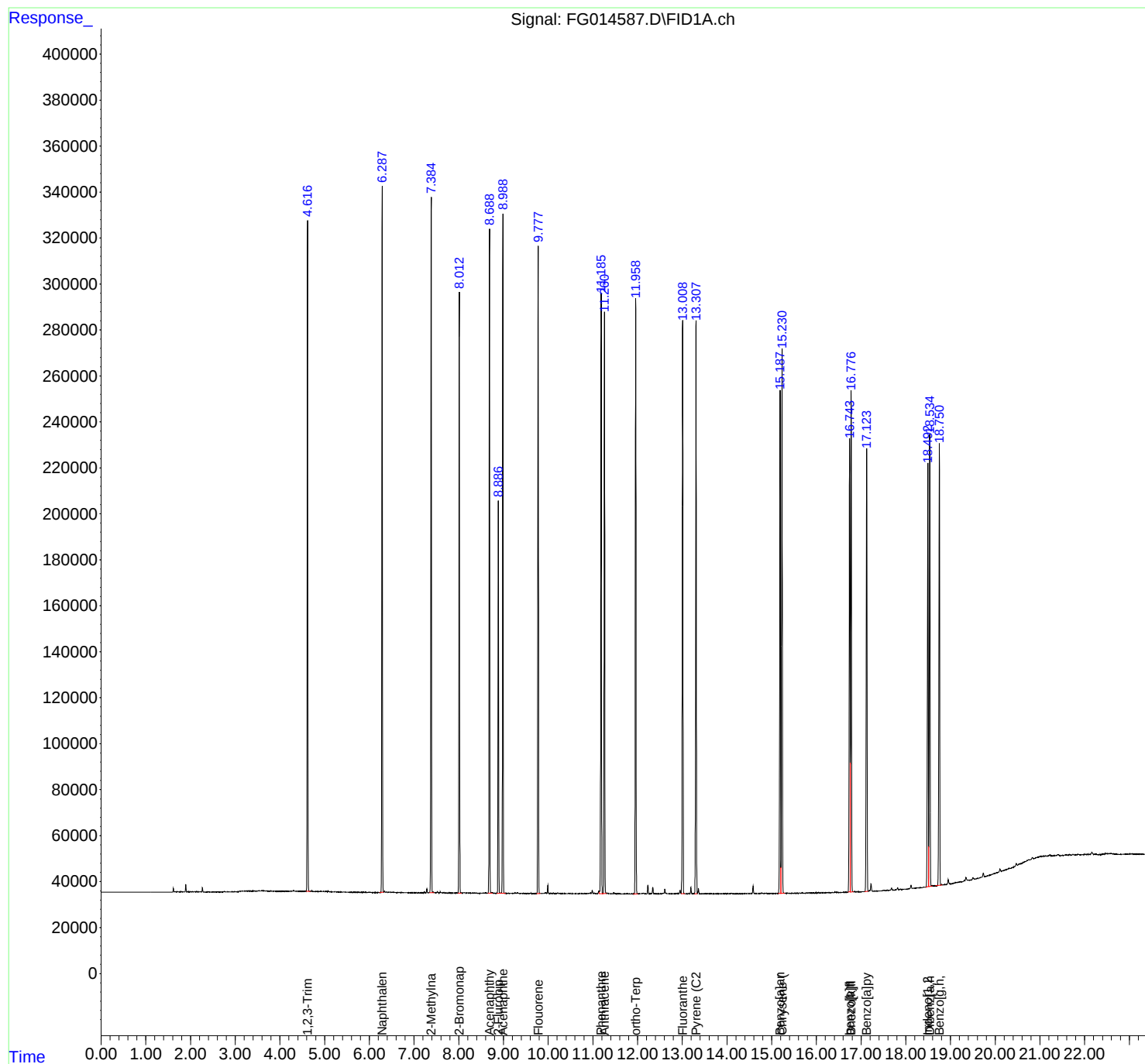
Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

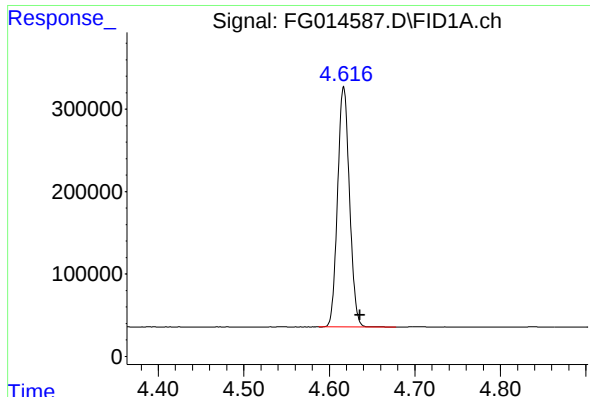
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2024
Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
Quant Time: Oct 31 06:45:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:38:07 2024
Response via : Initial Calibration
Integrator: ChemStation

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





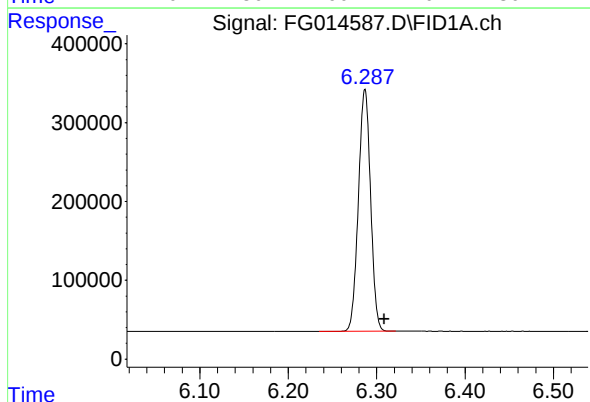
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.617 min
Delta R.T.: -0.019 min
Response: 2820296
Conc: 20.82 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

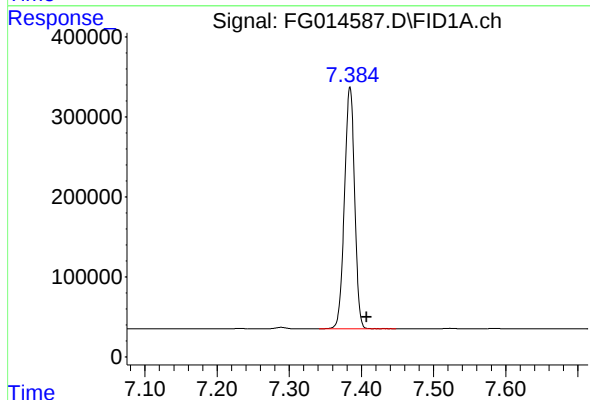
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2024
Supervised By :Ankita Jodhani 11/04/2024



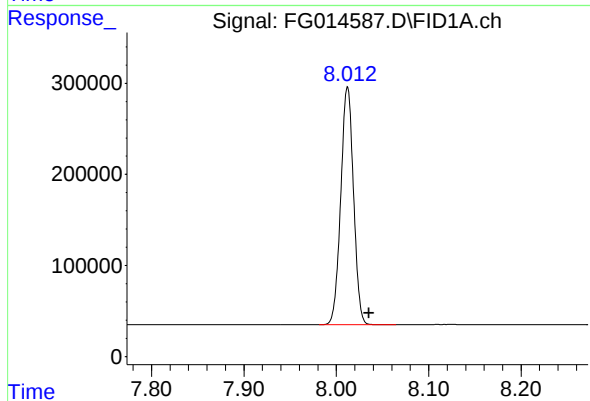
#2 Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.022 min
Response: 2940961
Conc: 20.49 ug/ml



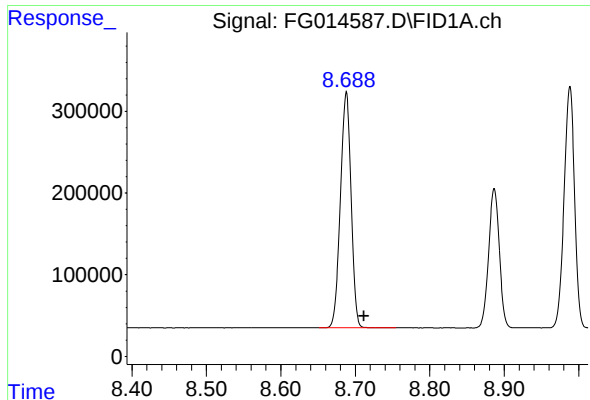
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.023 min
Response: 2960419
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.012 min
Delta R.T.: -0.023 min
Response: 2506078
Conc: 19.96 ug/ml



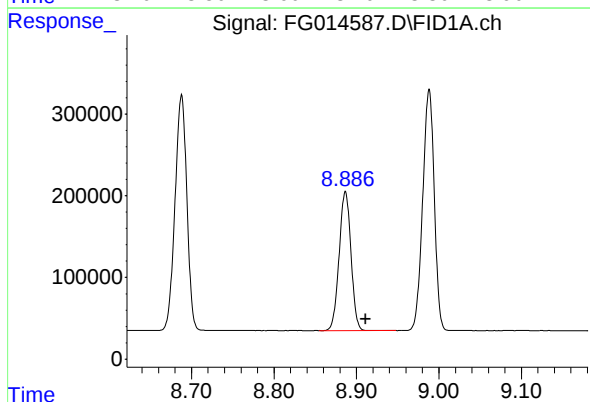
#5 Acenaphthylene (C15.06)

R.T.: 8.688 min
Delta R.T.: -0.024 min
Response: 2878382
Conc: 19.77 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

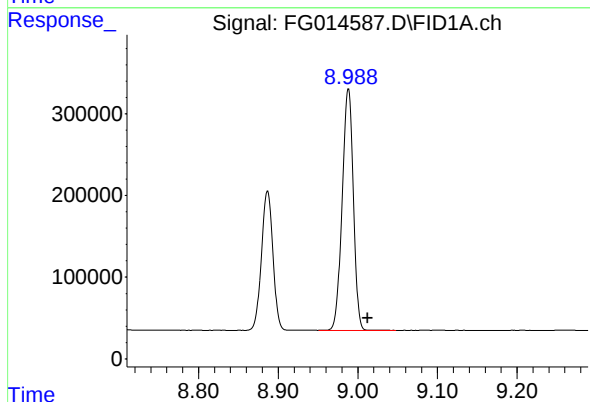
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2024
Supervised By :Ankita Jodhani 11/04/2024



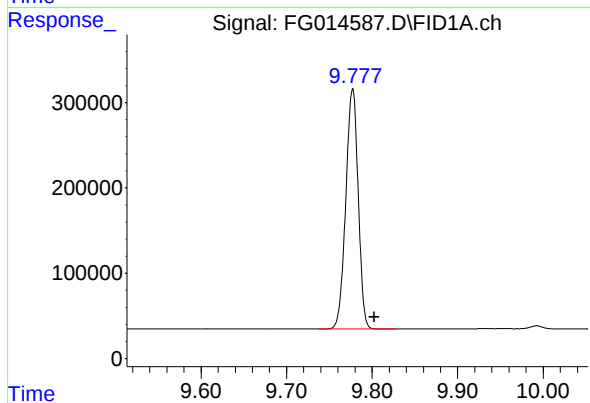
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 1697637
Conc: 19.71 ug/ml



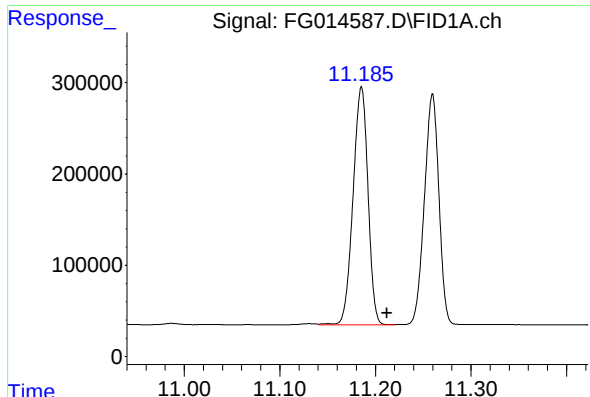
#7 Acenaphthene (C15.5)

R.T.: 8.988 min
Delta R.T.: -0.025 min
Response: 2876046
Conc: 19.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.777 min
Delta R.T.: -0.025 min
Response: 2828829
Conc: 19.53 ug/ml



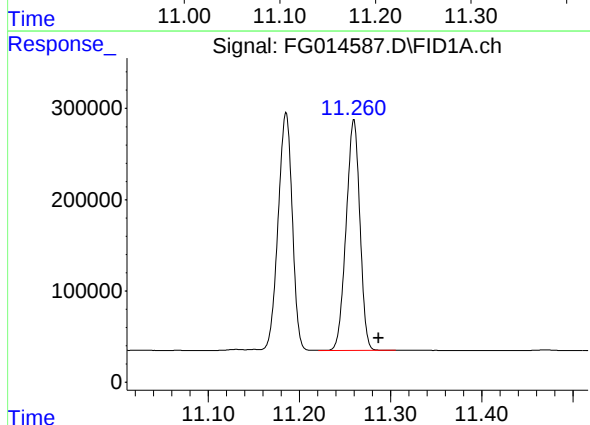
#9 Phenanthrene (C19.36)

R.T.: 11.185 min
Delta R.T.: -0.027 min
Response: 2812854
Conc: 19.11 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

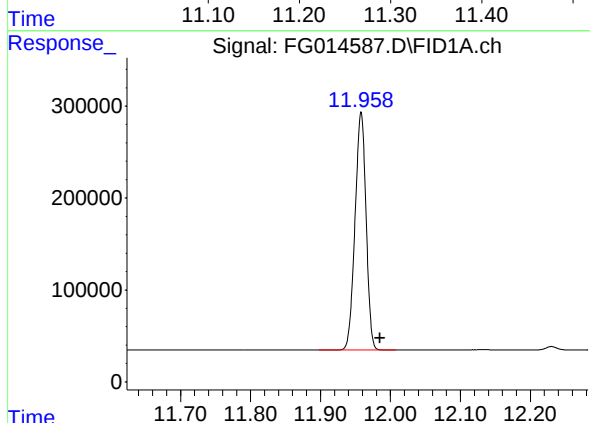
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2024
Supervised By :Ankita Jodhani 11/04/2024



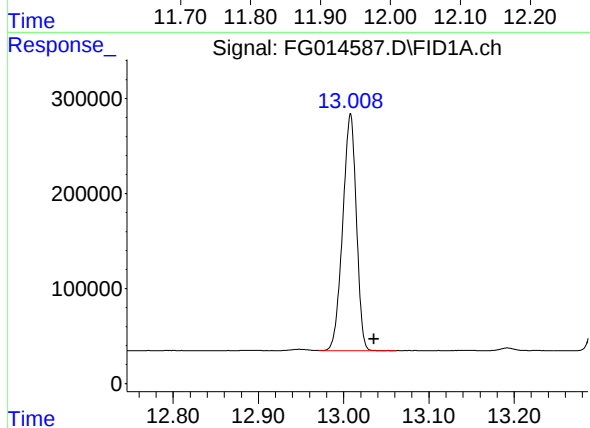
#10 Anthracene (C19.43)

R.T.: 11.260 min
Delta R.T.: -0.027 min
Response: 2649121
Conc: 18.89 ug/ml



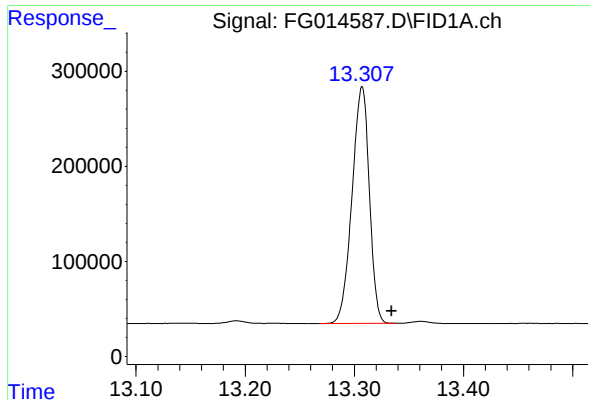
#11 ortho-Terphenyl (SURRE)

R.T.: 11.958 min
Delta R.T.: -0.027 min
Response: 2836234
Conc: 19.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.008 min
Delta R.T.: -0.028 min
Response: 2770543
Conc: 18.73 ug/ml



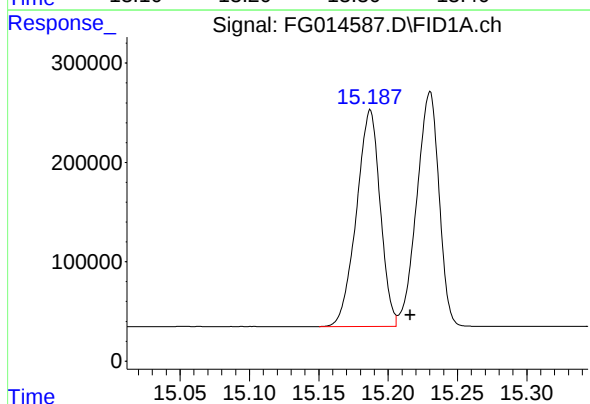
#13 Pyrene (C20.8)

R.T.: 13.307 min
Delta R.T.: -0.027 min
Response: 2746039
Conc: 18.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

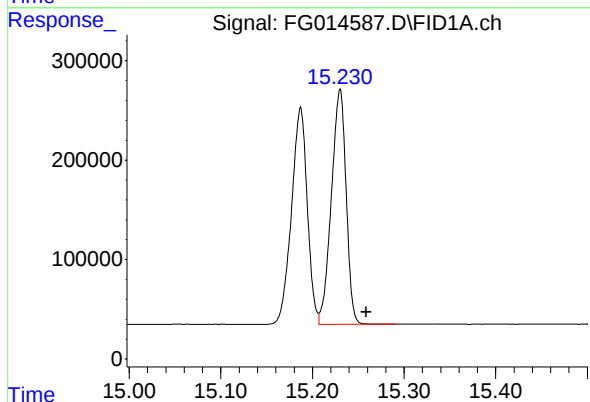
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2024
Supervised By :Ankita Jodhani 11/04/2024



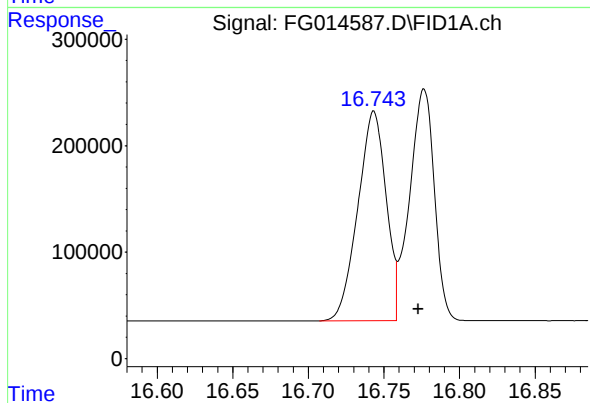
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.187 min
Delta R.T.: -0.029 min
Response: 2597166
Conc: 17.93 ug/ml m



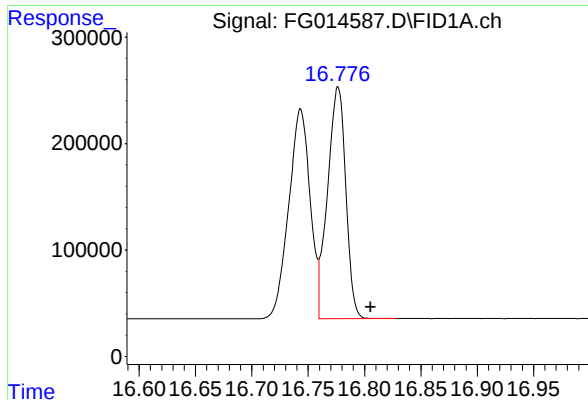
#15 Chrysene (C27.41)

R.T.: 15.230 min
Delta R.T.: -0.029 min
Response: 2639234
Conc: 17.99 ug/ml



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

R.T.: 16.743 min
Delta R.T.: -0.030 min
Response: 2543322
Conc: 17.29 ug/ml m



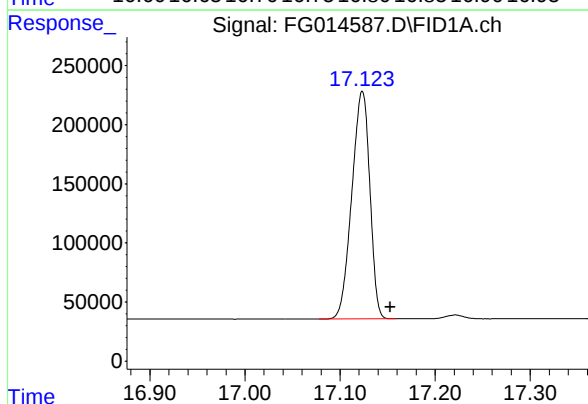
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.776 min
Delta R.T.: -0.029 min
Response: 2454722
Conc: 17.79 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

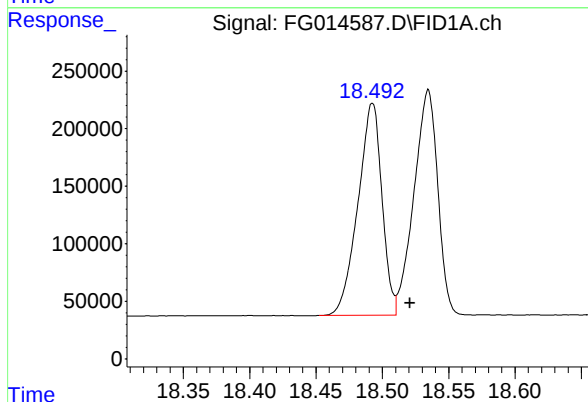
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2024
Supervised By :Ankita Jodhani 11/04/2024



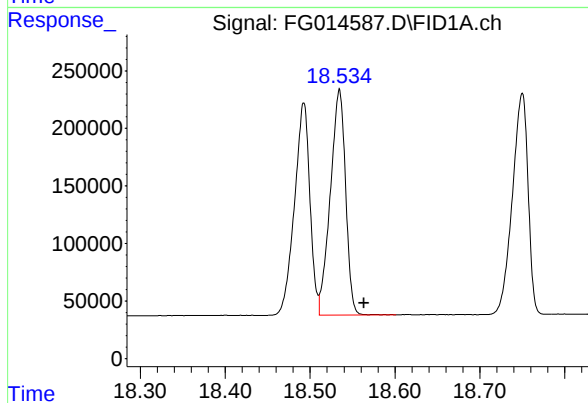
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.123 min
Delta R.T.: -0.030 min
Response: 2532737
Conc: 17.76 ug/ml



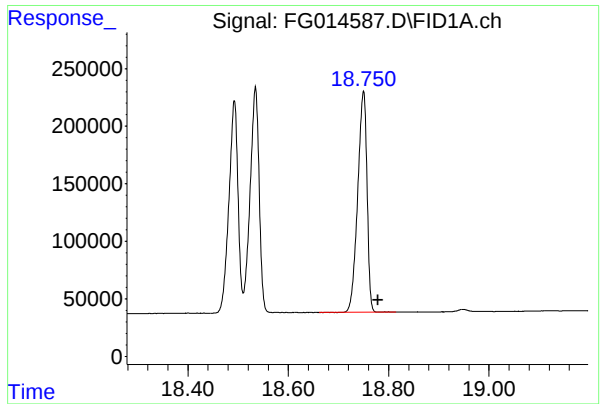
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.492 min
Delta R.T.: -0.029 min
Response: 2330479
Conc: 17.46 ug/ml m



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

R.T.: 18.534 min
Delta R.T.: -0.029 min
Response: 2448055
Conc: 17.54 ug/ml



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

R.T.: 18.750 min
Delta R.T.: -0.029 min
Response: 2470518
Conc: 17.76 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2024
Supervised By :Ankita Jodhani 11/04/2024