

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103024AR\
 Data File : FG014590.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 00:14
 Operator : YP\AJ
 Sample : PB164532BSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB164532BSD

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 06:45:41 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...	8.014	7189766	57.273 ug/ml
Spiked Amount 50.000		Recovery =	114.55%
6) S 2-Fluorobiphenyl (SURR)	8.890	4787719	55.584 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.17%
11) S ortho-Terphenyl (SURR)	11.961	6721823	45.400 ug/ml
Spiked Amount 50.000		Recovery =	90.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.617	5773614	42.613 ug/ml
2) T Naphthalene (C11.7)	6.287	6621449	46.141 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	6583952	45.081 ug/ml
5) T Acenaphthylene (C15.06)	8.690	7131290	48.980 ug/ml
7) T Acenaphthene (C15.5)	8.992	7548348	52.159 ug/ml
8) T Flouorene (C16.55)	9.782	7910958	54.606 ug/ml
9) T Phenanthrene (C19.36)	11.191	8233263	55.937 ug/ml
10) T Anthracene (C19.43)	11.267	8267723	58.958 ug/ml
12) T Fluoranthene (C21.85)	13.015	8303698	56.147 ug/ml
13) T Pyrene (C20.8)	13.315	8737736	59.433 ug/ml
14) T Benzo[a]anthracene (C...	15.196	7988678	55.163 ug/ml
15) T Chrysene (C27.41)	15.242	9048683	61.688 ug/ml
16) T benzo[b]fluoranthene ...	16.753	7825133	53.203 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.791	7626120	55.260 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.136	7321177	51.335 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	7899298	59.183 ug/ml
20) T Dibenz[a,h]anthracene...	18.548	7054338	50.550 ug/ml
21) T Benzo[g,h,i]perylene ...	18.767	6975766	50.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103024AR\
Data File : FG014590.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2024 00:14
Operator : YP\AJ
Sample : PB164532BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :

FID_G

Client Sample Id :

PB164532BSD

Manual Integrations

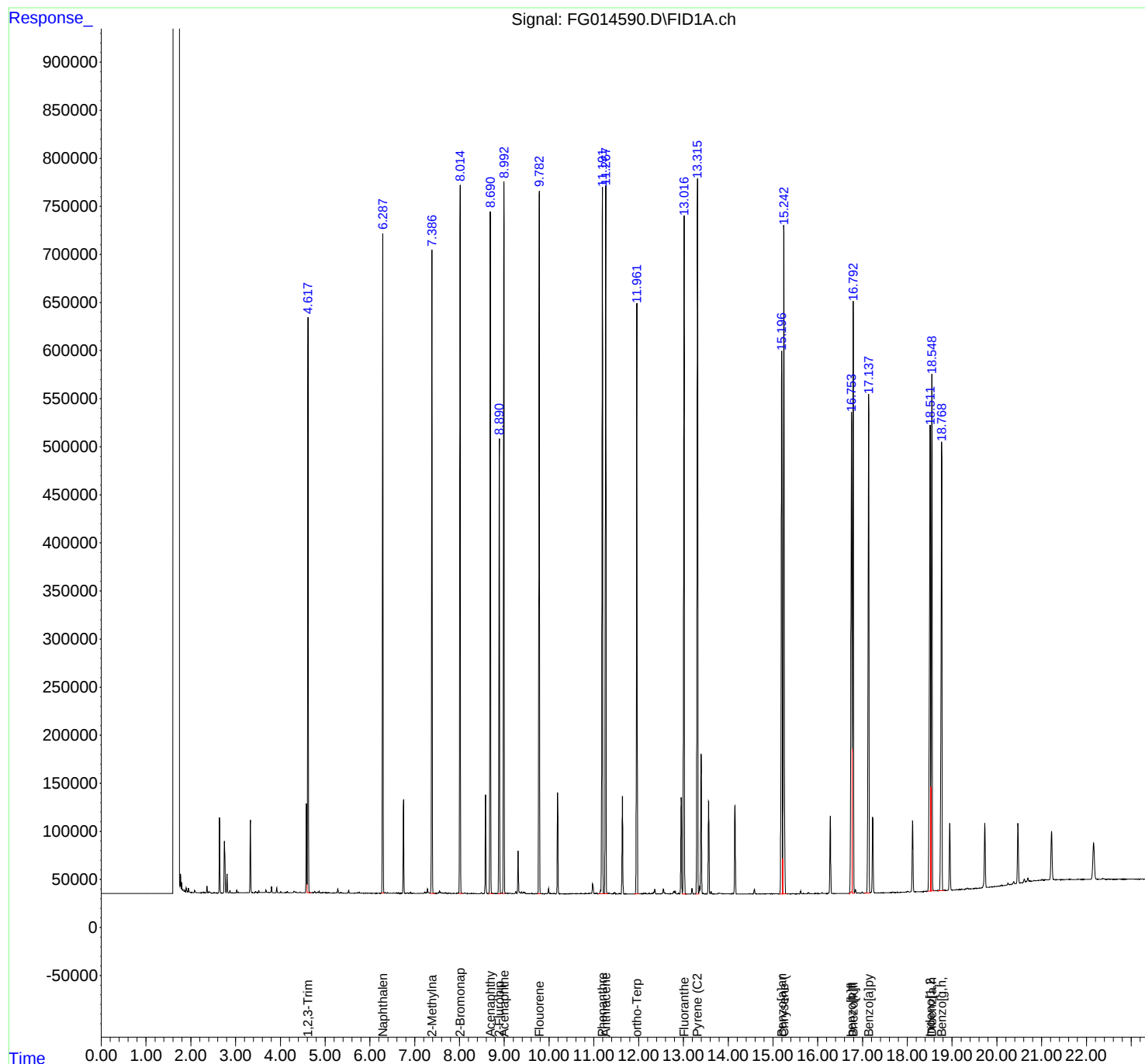
APPROVED

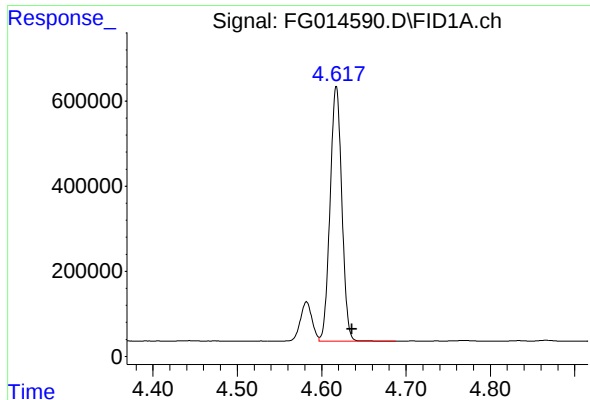
Reviewed By :Yogesh Patel 10/31/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
Quant Time: Oct 31 06:45:41 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: 5773614
Conc: 42.61 ug/ml

Instrument :

FID_G

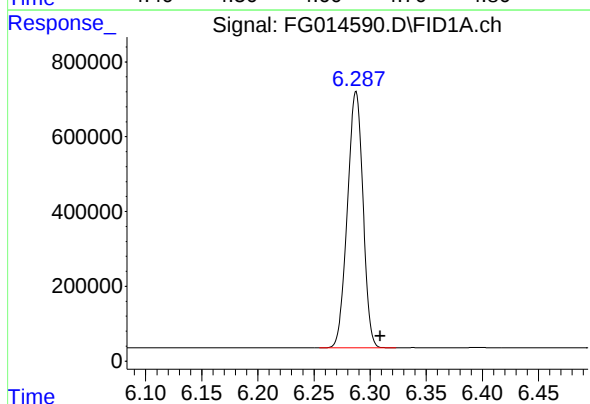
ClientSampleId :

PB164532BSD

Manual Integrations

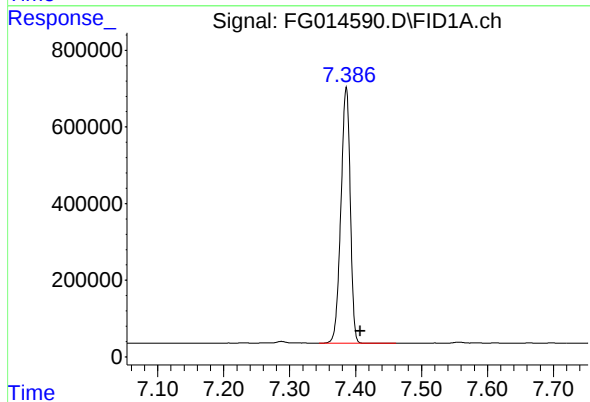
APPROVED

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



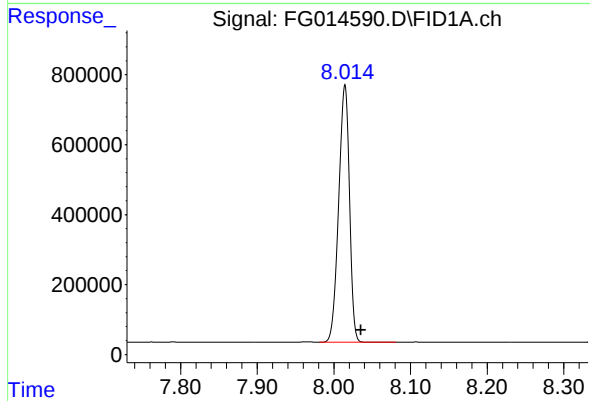
#2 Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.022 min
Response: 6621449
Conc: 46.14 ug/ml



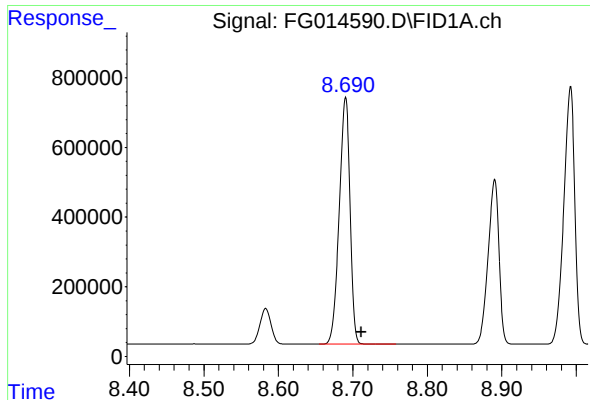
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: -0.022 min
Response: 6583952
Conc: 45.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.014 min
Delta R.T.: -0.021 min
Response: 7189766
Conc: 57.27 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.690 min
Delta R.T.: -0.022 min
Response: 7131290
Conc: 48.98 ug/ml

Instrument :

FID_G

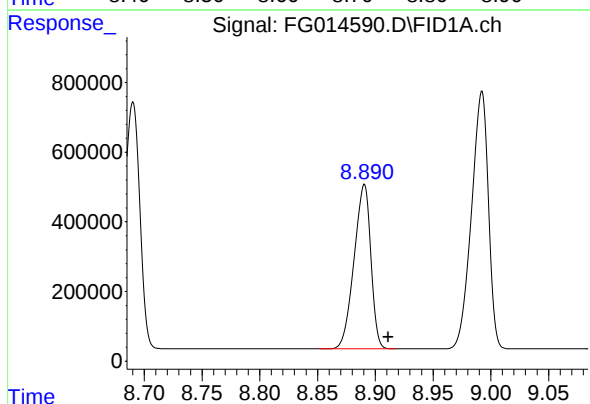
ClientSampleId :

PB164532BSD

Manual Integrations

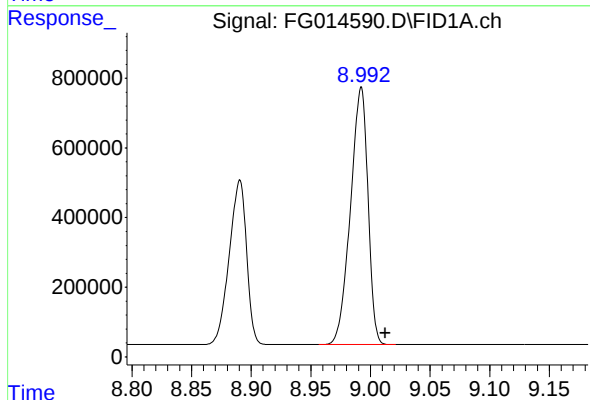
APPROVED

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



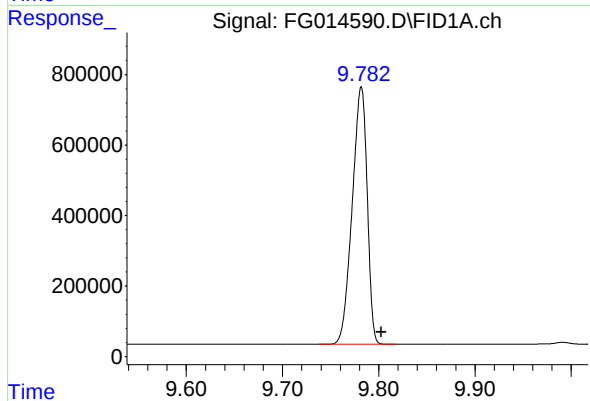
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 4787719
Conc: 55.58 ug/ml



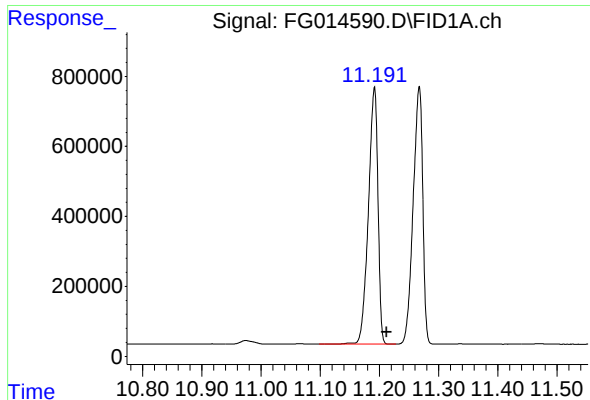
#7 Acenaphthene (C15.5)

R.T.: 8.992 min
Delta R.T.: -0.021 min
Response: 7548348
Conc: 52.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.782 min
Delta R.T.: -0.021 min
Response: 7910958
Conc: 54.61 ug/ml



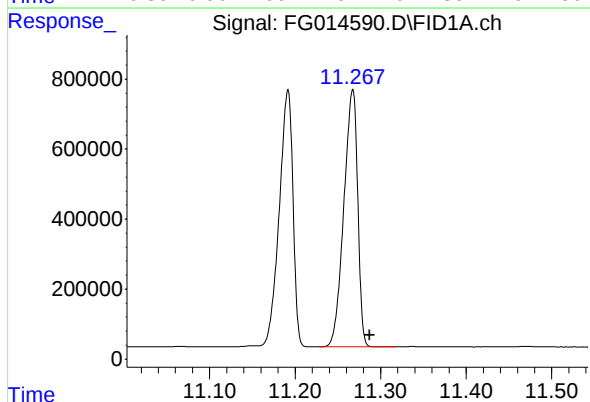
#9 Phenanthrene (C19.36)

R.T.: 11.191 min
Delta R.T.: -0.021 min
Response: 8233263
Conc: 55.94 ug/ml

Instrument :
FID_G
ClientSampleId :
PB164532BSD

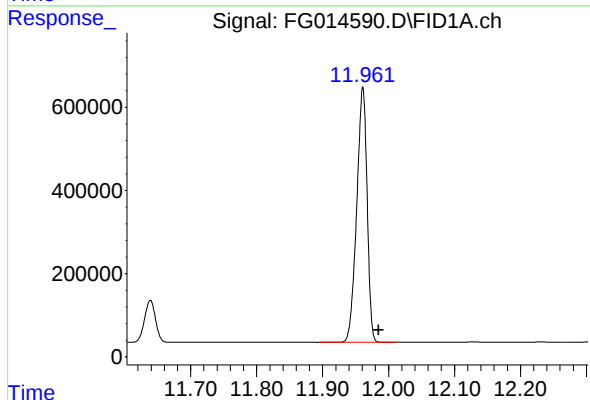
Manual Integrations
APPROVED

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



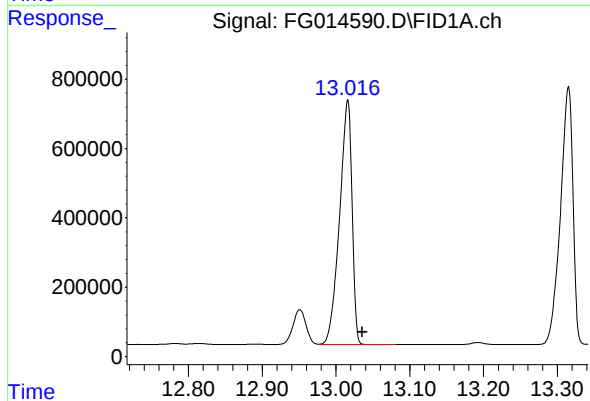
#10 Anthracene (C19.43)

R.T.: 11.267 min
Delta R.T.: -0.020 min
Response: 8267723
Conc: 58.96 ug/ml



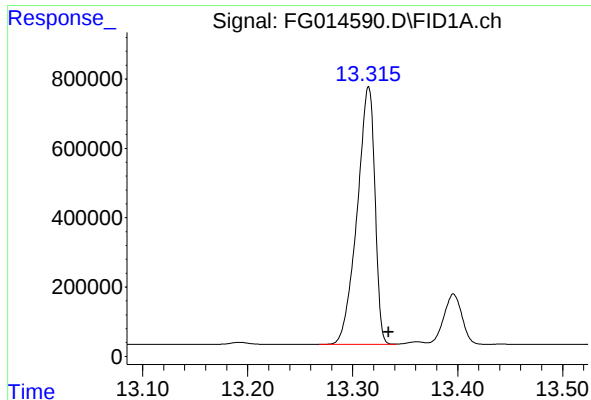
#11 ortho-Terphenyl (SURRE)

R.T.: 11.961 min
Delta R.T.: -0.024 min
Response: 6721823
Conc: 45.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.015 min
Delta R.T.: -0.020 min
Response: 8303698
Conc: 56.15 ug/ml



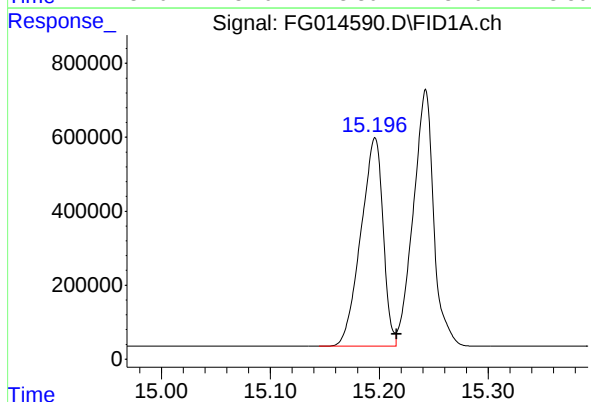
#13 Pyrene (C20.8)

R.T.: 13.315 min
Delta R.T.: -0.020 min
Response: 8737736
Conc: 59.43 ug/ml

Instrument :
FID_G
ClientSampleId :
PB164532BSD

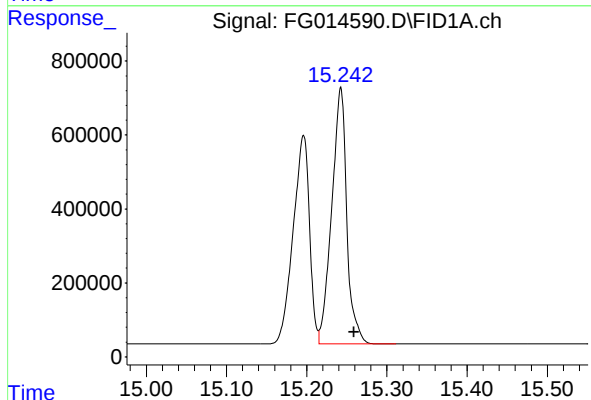
Manual Integrations
APPROVED

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



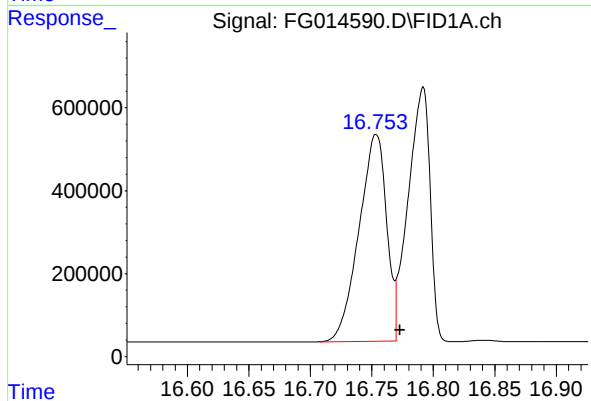
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.196 min
Delta R.T.: -0.020 min
Response: 7988678
Conc: 55.16 ug/ml



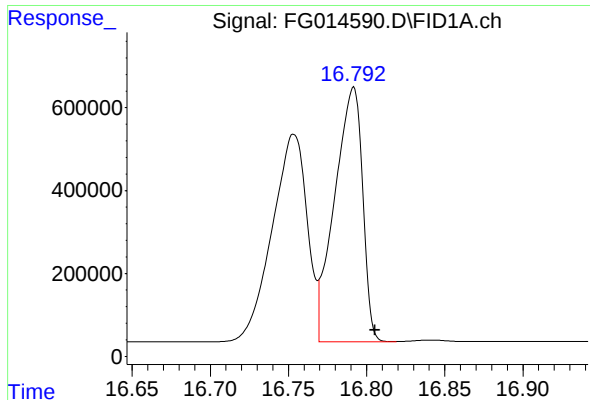
#15 Chrysene (C27.41)

R.T.: 15.242 min
Delta R.T.: -0.017 min
Response: 9048683
Conc: 61.69 ug/ml



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

R.T.: 16.753 min
Delta R.T.: -0.020 min
Response: 7825133
Conc: 53.20 ug/ml m



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

R.T.: 16.791 min
Delta R.T.: -0.015 min
Response: 7626120
Conc: 55.26 ug/ml

Instrument :

FID_G

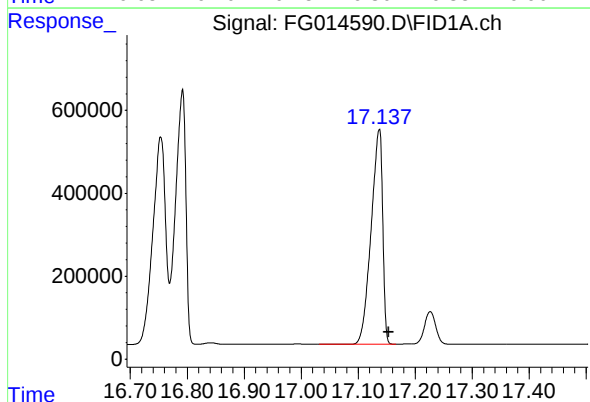
ClientSampleId :

PB164532BSD

Manual Integrations

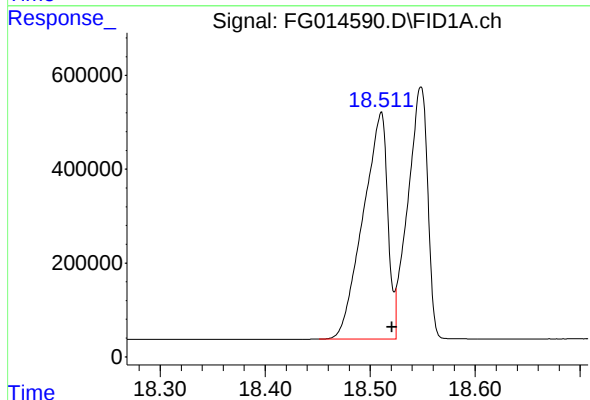
APPROVED

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



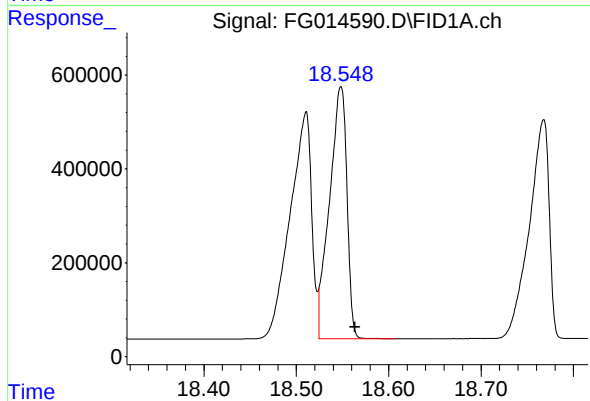
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.136 min
Delta R.T.: -0.017 min
Response: 7321177
Conc: 51.34 ug/ml



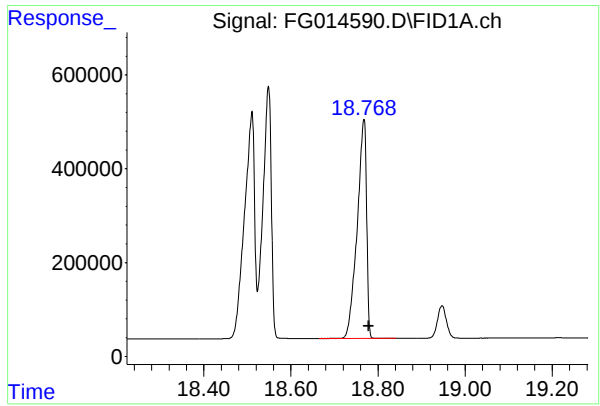
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: -0.011 min
Response: 7899298
Conc: 59.18 ug/ml



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

R.T.: 18.548 min
Delta R.T.: -0.016 min
Response: 7054338
Conc: 50.55 ug/ml



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

R.T.: 18.767 min
Delta R.T.: -0.012 min
Response: 6975766
Conc: 50.14 ug/ml

Instrument :

FID_G

ClientSampleId :

PB164532BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2024

Supervised By :Ankita Jodhani 11/04/2024