

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090424AR\
 Data File : FG014168.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2024 11:12
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

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 11:26:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:26:46 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...	7.895	508804	4.548 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
6) S 2-Fluorobiphenyl (SURR)	8.775	305099	4.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.38%
11) S ortho-Terphenyl (SURR)	11.832	681741	5.058 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	630987	4.901 ug/ml
2) T Naphthalene (C11.7)	6.164	524504	4.158 ug/ml
3) T 2-Methylnaphthalene (...)	7.266	538467	4.228 ug/ml
5) T Acenaphthylene (C15.06)	8.566	605405	4.658 ug/ml
7) T Acenaphthene (C15.5)	8.864	722250	5.215 ug/ml
8) T Flouorene (C16.55)	9.661	610468	4.710 ug/ml
9) T Phenanthrene (C19.36)	11.073	520580	4.307 ug/ml
10) T Anthracene (C19.43)	11.152	762499	5.496 ug/ml
12) T Fluoranthene (C21.85)	12.899	618524	4.771 ug/ml
13) T Pyrene (C20.8)	13.194	656071	5.024 ug/ml
14) T Benzo[a]anthracene (C...	15.085	478830	4.209 ug/ml
15) T Chrysene (C27.41)	15.125	814353	5.761 ug/ml
16) T benzo[b]fluoranthene ...	16.643	465608	4.062 ug/ml
17) T Bnezo[k]fluoranthene ...	16.673	801127	5.958 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.025	617193	5.029 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.403	370988	3.753 ug/ml
20) T Dibenz[a,h]anthracene...	18.439	855207	5.821 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.652	628026	4.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090424AR\
Data File : FG014168.D
Signal(s) : FID1A.ch
Acq On : 04 Sep 2024 11:12
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

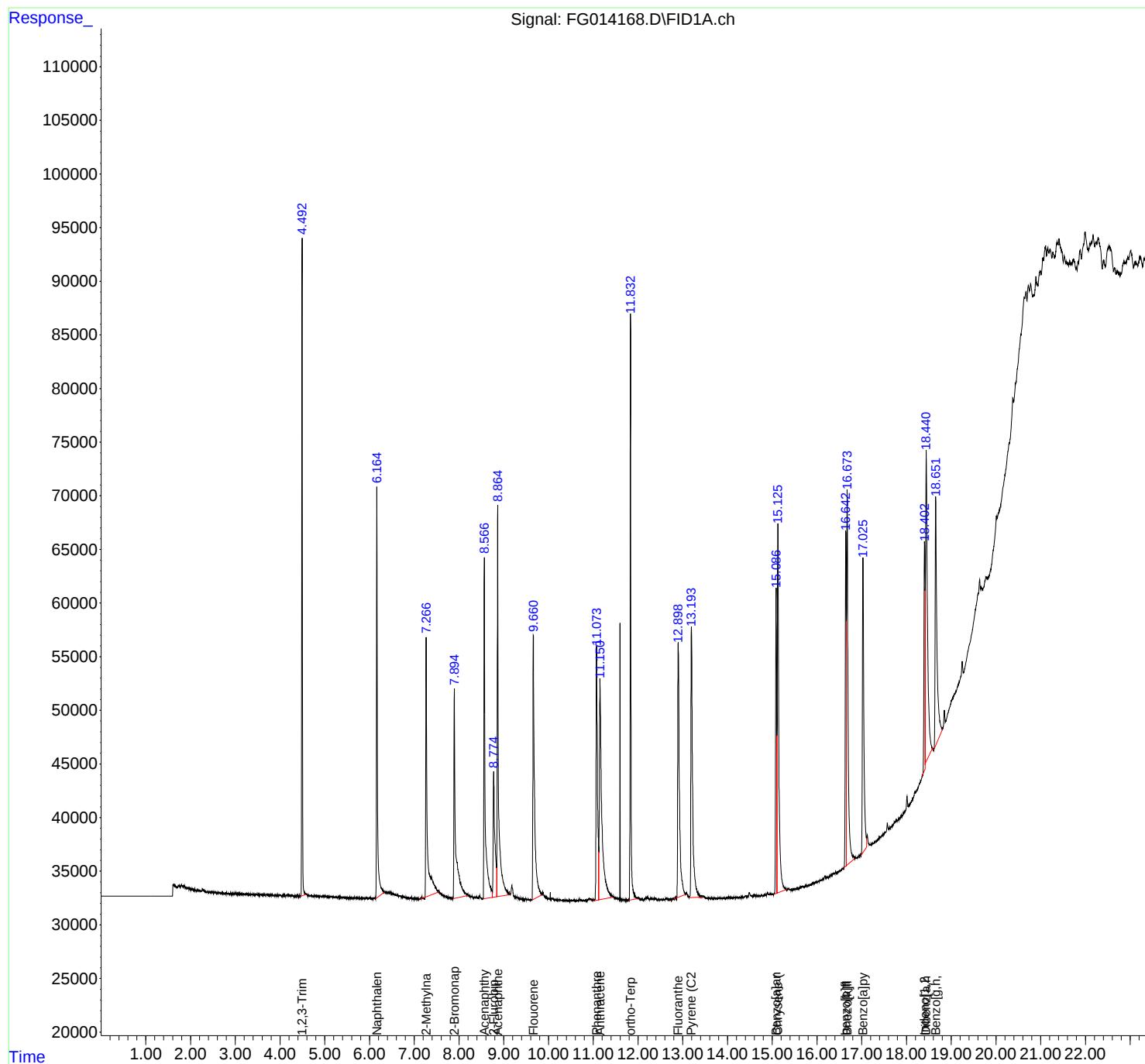
Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

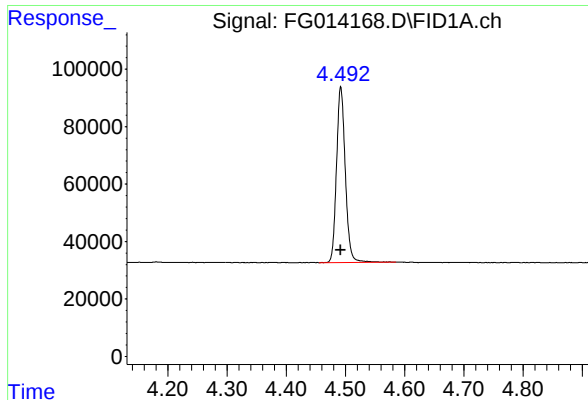
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Sep 04 11:26:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
Quant Title : GC Extractables
QLast Update : Wed Sep 04 11:26:46 2024
Response via : Initial Calibration
Integrator: ChemStation

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





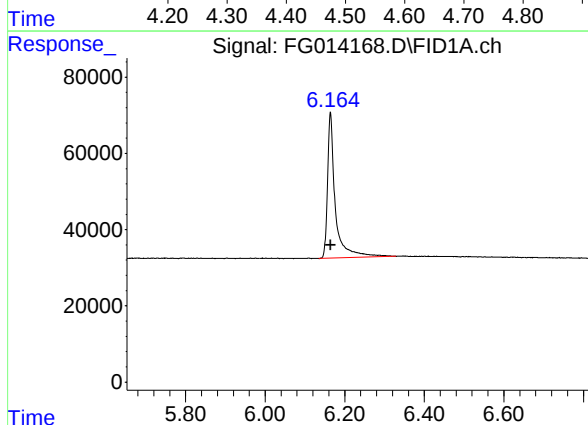
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 630987
Conc: 4.90 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

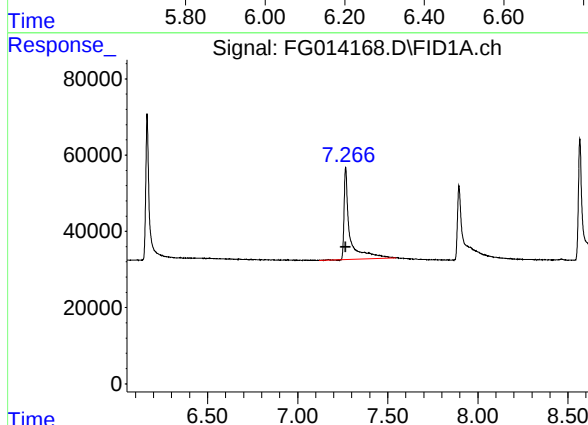
Manual Integrations
APPROVED

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



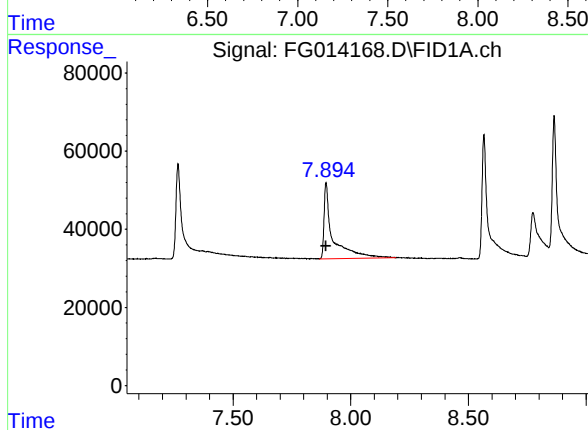
#2 Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 524504
Conc: 4.16 ug/ml



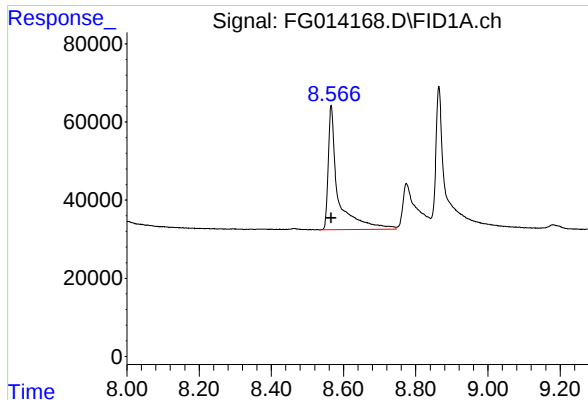
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.000 min
Response: 538467
Conc: 4.23 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 508804
Conc: 4.55 ug/ml



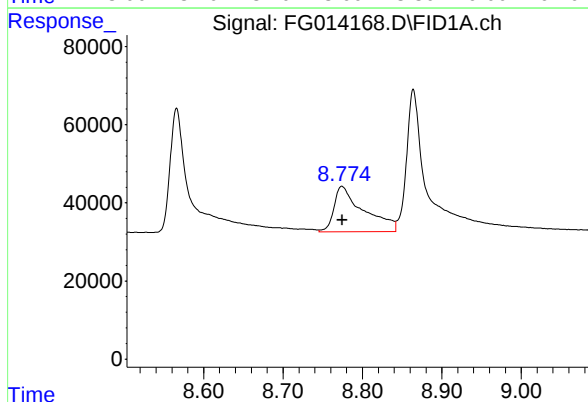
#5 Acenaphthylene (C15.06)

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 605405
Conc: 4.66 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

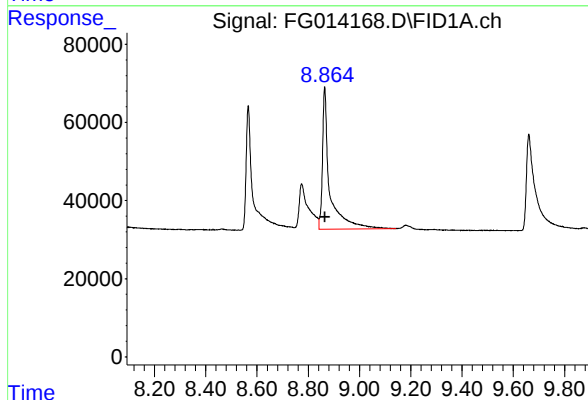
Manual Integrations
APPROVED

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



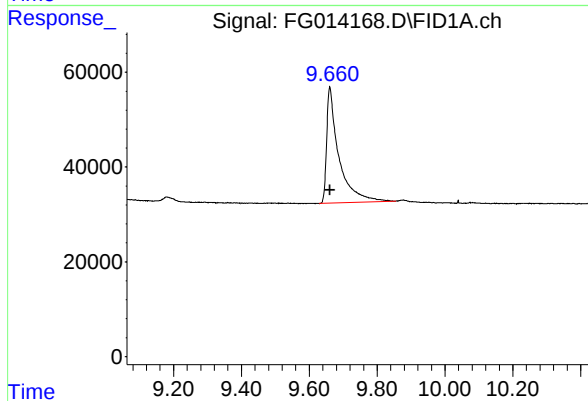
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 305099
Conc: 4.19 ug/ml



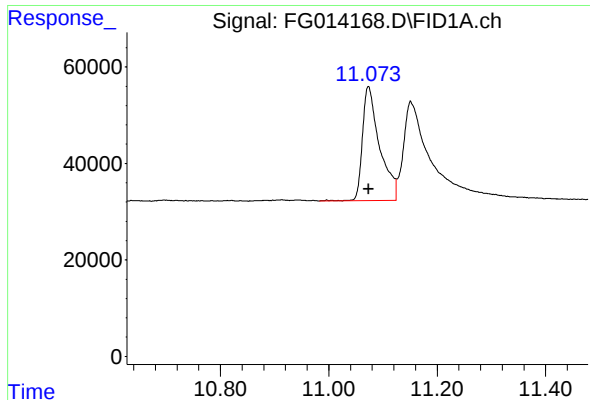
#7 Acenaphthene (C15.5)

R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 722250
Conc: 5.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 610468
Conc: 4.71 ug/ml



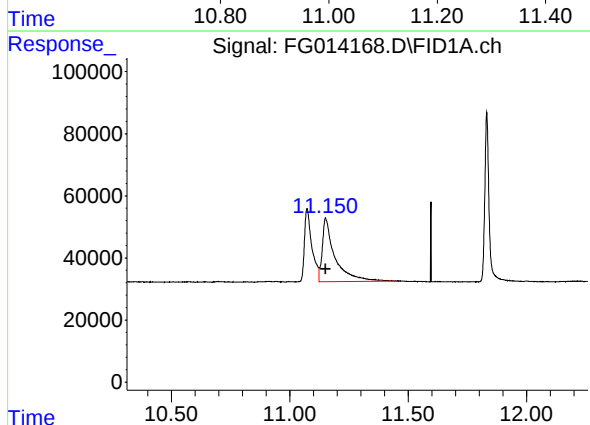
#9 Phenanthrene (C19.36)

R.T.: 11.073 min
Delta R.T.: 0.000 min
Response: 520580
Conc: 4.31 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

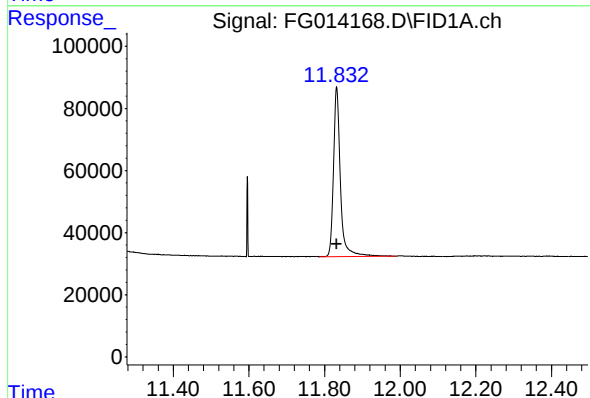
Manual Integrations
APPROVED

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



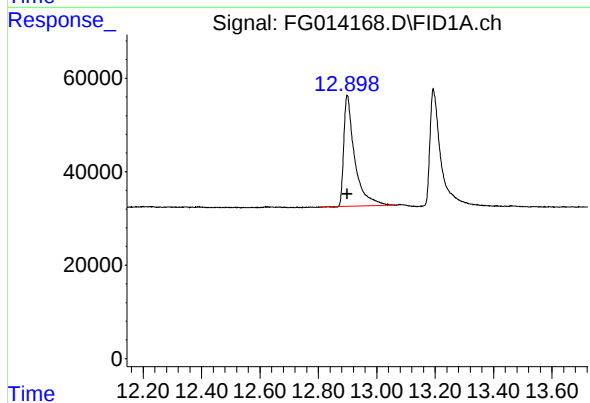
#10 Anthracene (C19.43)

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 762499
Conc: 5.50 ug/ml



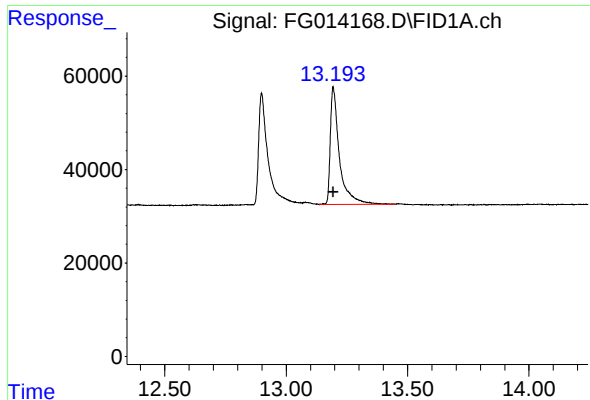
#11 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: 0.000 min
Response: 681741
Conc: 5.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 618524
Conc: 4.77 ug/ml



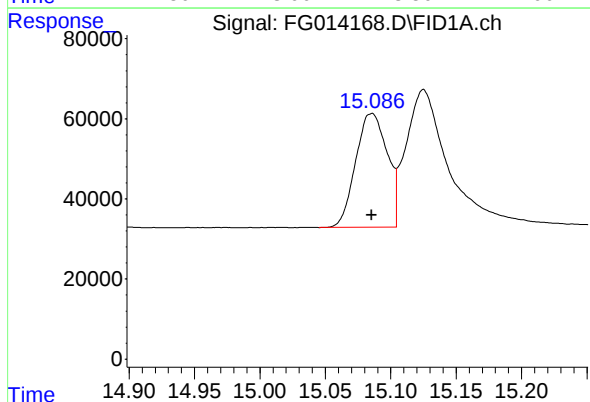
#13 Pyrene (C20.8)

R.T.: 13.194 min
Delta R.T.: 0.000 min
Response: 656071
Conc: 5.02 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

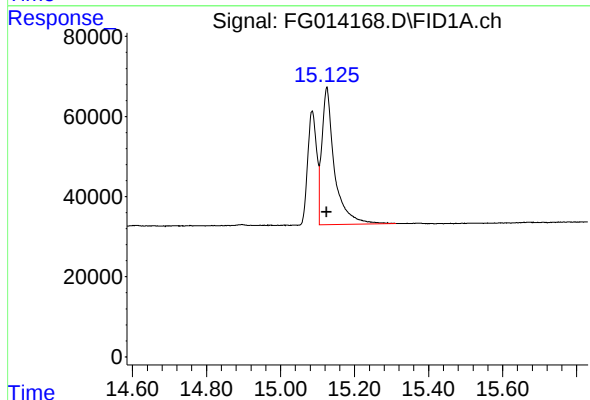
Manual Integrations
APPROVED

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



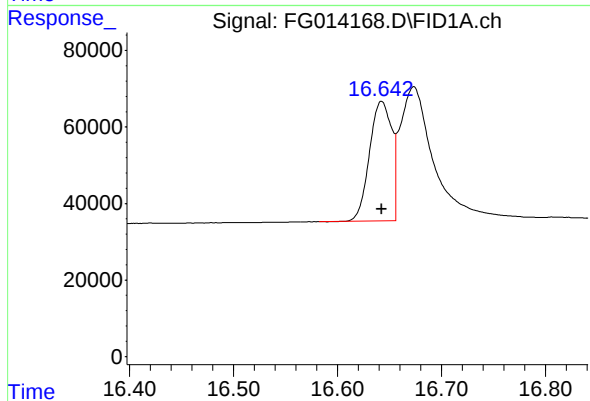
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.085 min
Delta R.T.: 0.000 min
Response: 478830
Conc: 4.21 ug/ml



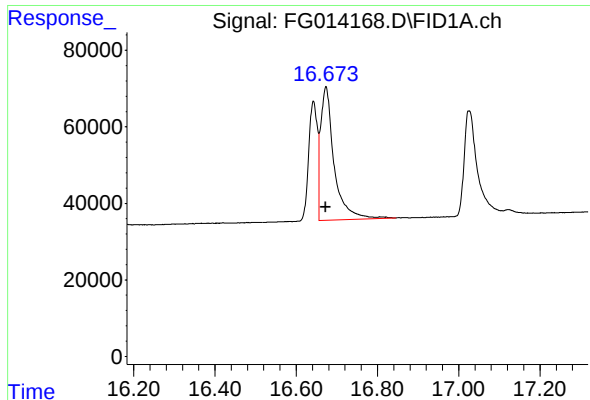
#15 Chrysene (C27.41)

R.T.: 15.125 min
Delta R.T.: 0.000 min
Response: 814353
Conc: 5.76 ug/ml



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

R.T.: 16.643 min
Delta R.T.: 0.000 min
Response: 465608
Conc: 4.06 ug/ml



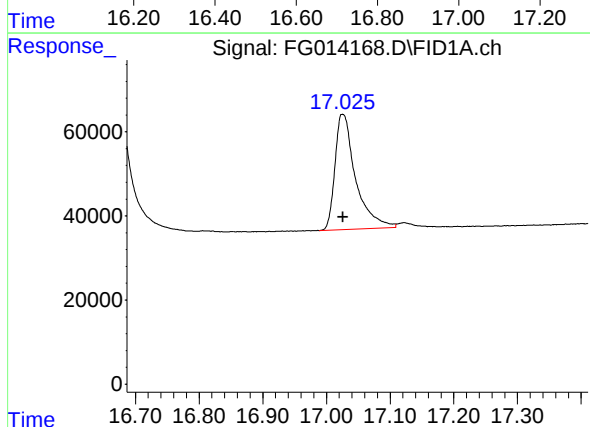
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.673 min
Delta R.T.: 0.000 min
Response: 801127
Conc: 5.96 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

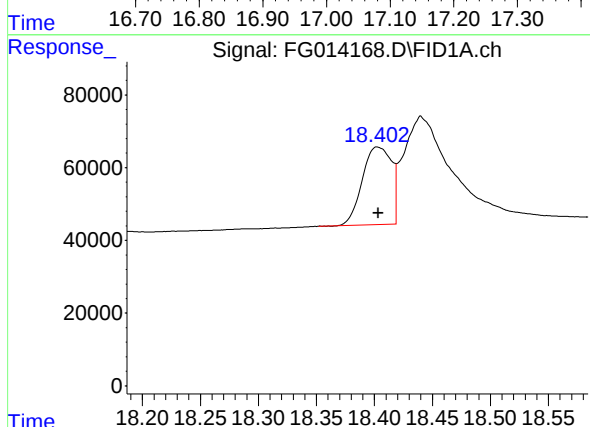
Manual Integrations
APPROVED

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



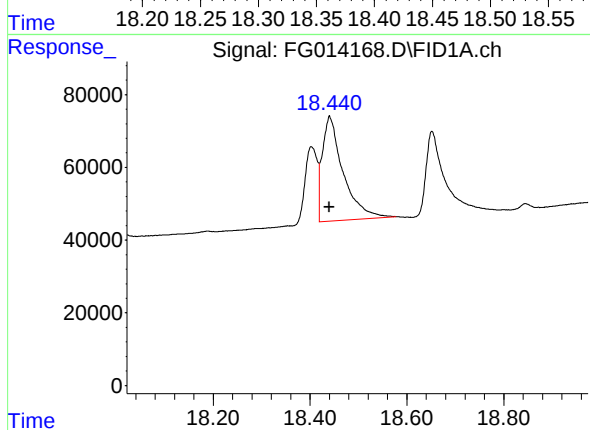
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.025 min
Delta R.T.: 0.000 min
Response: 617193
Conc: 5.03 ug/ml m



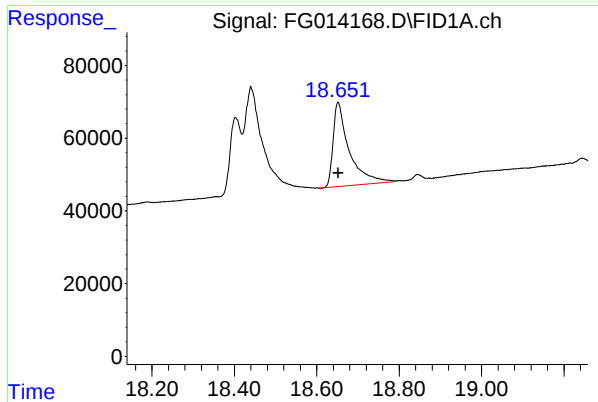
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.403 min
Delta R.T.: 0.000 min
Response: 370988
Conc: 3.75 ug/ml



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

R.T.: 18.439 min
Delta R.T.: 0.000 min
Response: 855207
Conc: 5.82 ug/ml m



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

R.T.: 18.652 min
Delta R.T.: 0.000 min
Response: 628026
Conc: 4.81 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5

Manual Integrations

APPROVED

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