

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014574.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 20:15
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 01 10:54:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:53:55 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...	7.869	502322	4.685 ug/ml
Spiked Amount 50.000		Recovery =	9.37%
6) S 2-Fluorobiphenyl (SURR)	8.749	235302	3.822 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.64%
11) S ortho-Terphenyl (SURR)	11.791	720513	5.263 ug/ml
Spiked Amount 50.000		Recovery =	10.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	687141	5.225 ug/ml
2) T Naphthalene (C11.7)	6.144	619674	4.818 ug/ml
3) T 2-Methylnaphthalene (...)	7.240	590374	4.688 ug/ml
5) T Acenaphthylene (C15.06)	8.534	656006	5.075 ug/ml
7) T Acenaphthene (C15.5)	8.830	728899	5.343 ug/ml
8) T Flouorene (C16.55)	9.627	580094	4.856 ug/ml
9) T Phenanthrene (C19.36)	11.029	514976	4.471 ug/ml
10) T Anthracene (C19.43)	11.110	578934	4.898 ug/ml
12) T Fluoranthene (C21.85)	12.848	586488	4.795 ug/ml
13) T Pyrene (C20.8)	13.140	624523	5.031 ug/ml
14) T Benzo[a]anthracene (C...	15.032	291906	3.346 ug/mlm
15) T Chrysene (C27.41)	15.071	873055	6.076 ug/ml
16) T benzo[b]fluoranthene ...	16.585	338179	3.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.620	809250	5.956 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.975	524529	4.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.360	231820	3.619 ug/mlm
20) T Dibenz[a,h]anthracene...	18.418	536288	4.930 ug/ml
21) T Benzo[g,h,i]perylene ...	18.587	645903	5.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
Data File : FF014574.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 20:15
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

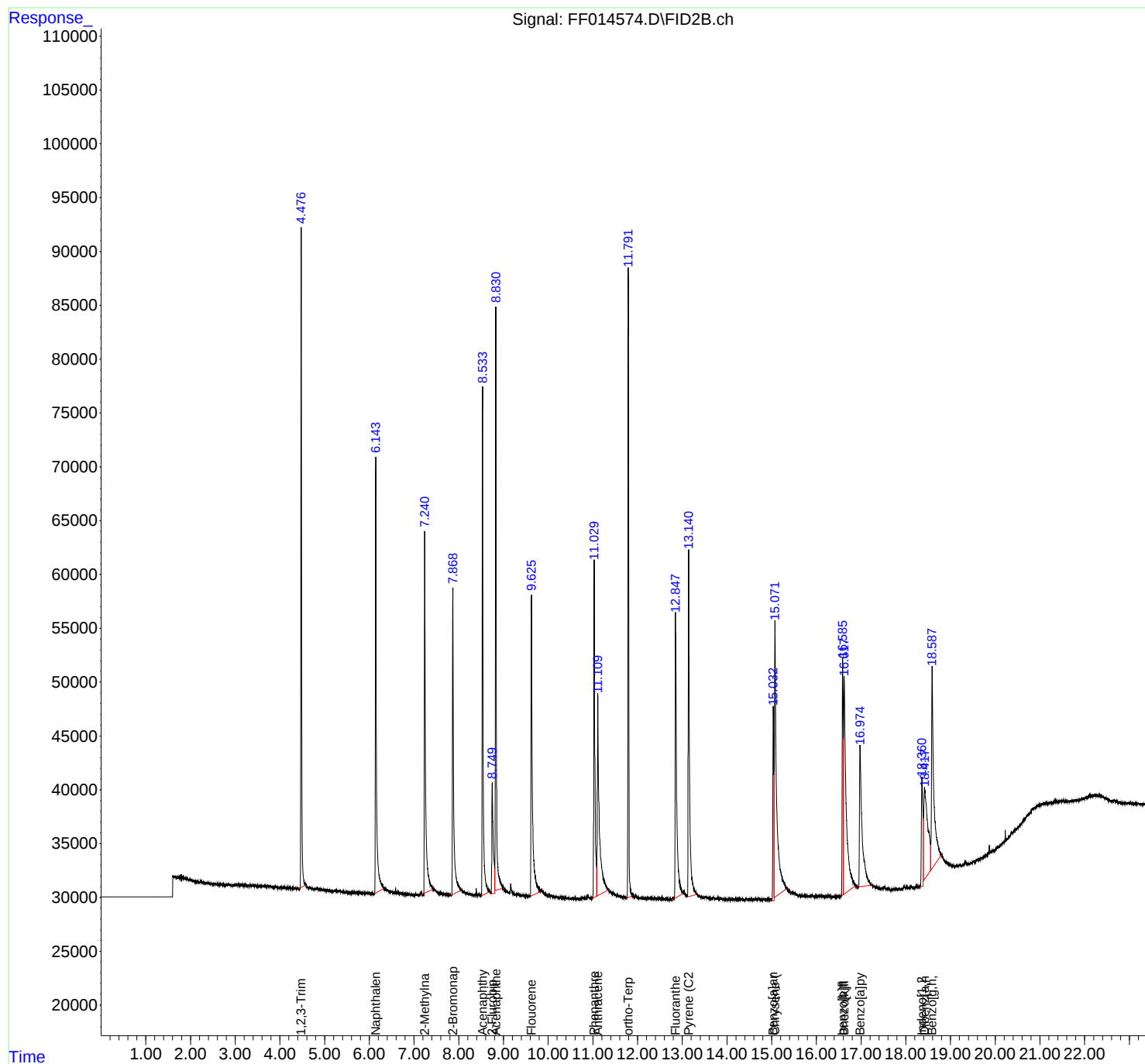
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

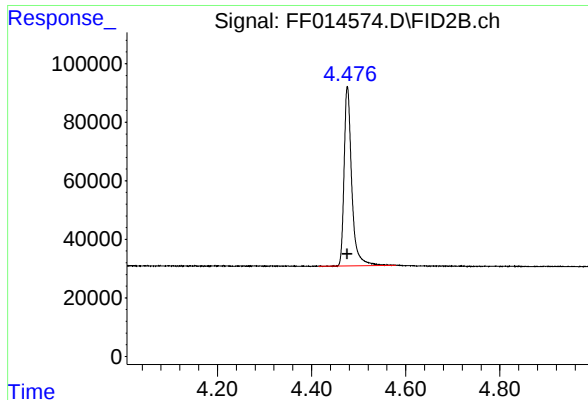
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
Quant Time: Oct 01 10:54:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 10:53:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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





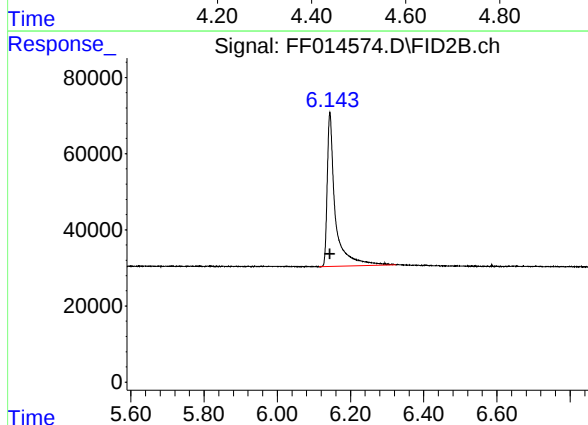
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 687141
Conc: 5.23 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

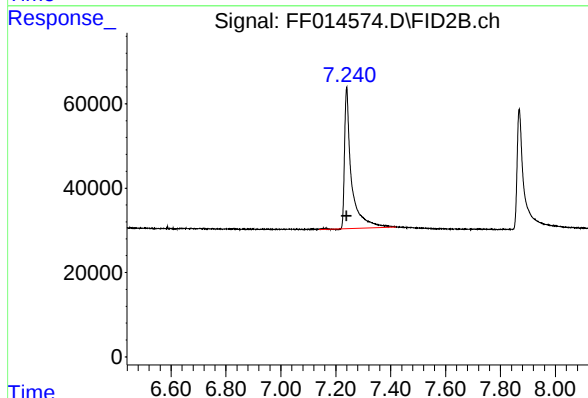
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



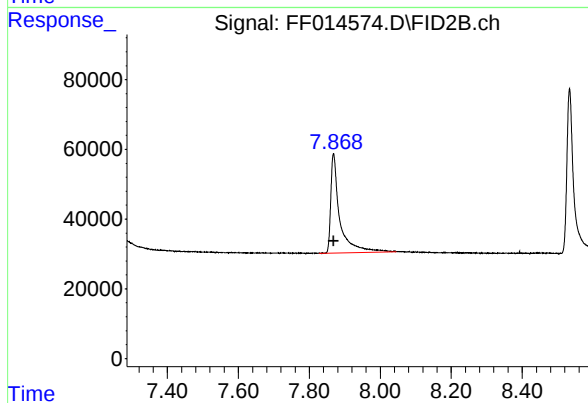
#2 Naphthalene (C11.7)

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 619674
Conc: 4.82 ug/ml



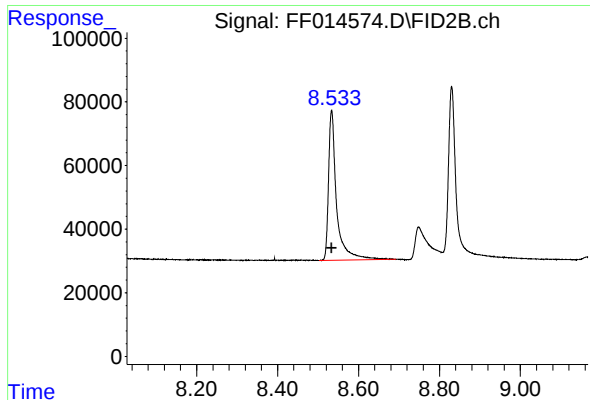
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 590374
Conc: 4.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 502322
Conc: 4.68 ug/ml



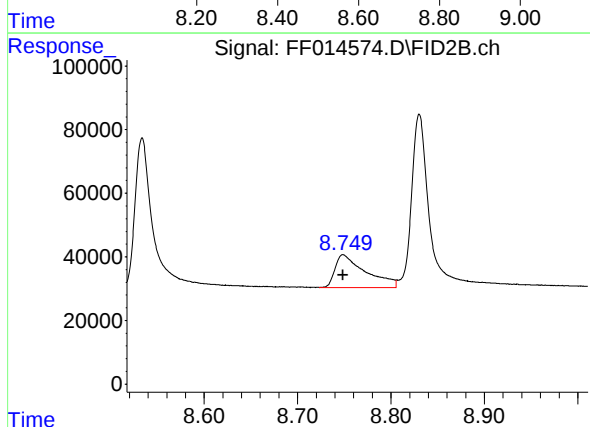
#5 Acenaphthylene (C15.06)

R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 656006
Conc: 5.07 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

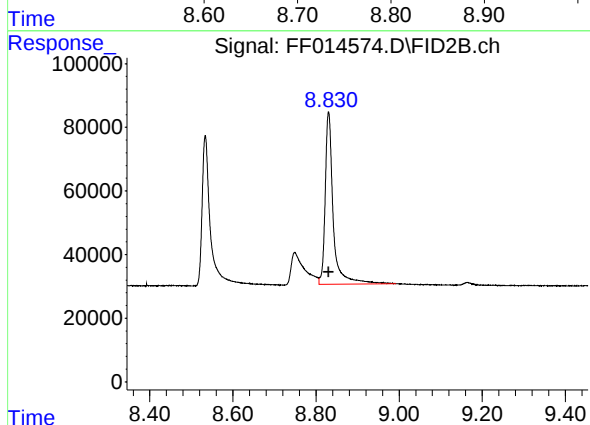
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



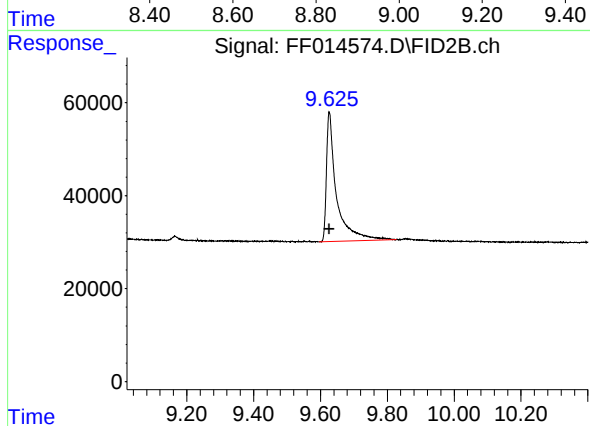
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 235302
Conc: 3.82 ug/ml m



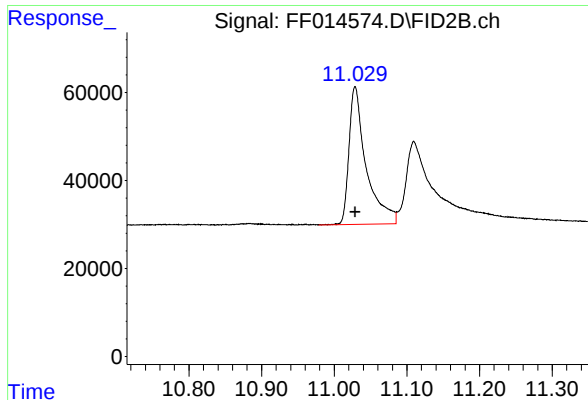
#7 Acenaphthene (C15.5)

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 728899
Conc: 5.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.627 min
Delta R.T.: 0.000 min
Response: 580094
Conc: 4.86 ug/ml



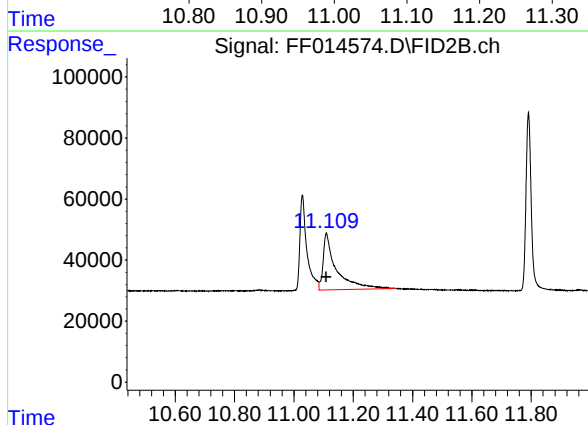
#9 Phenanthrene (C19.36)

R.T.: 11.029 min
Delta R.T.: 0.000 min
Response: 514976
Conc: 4.47 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

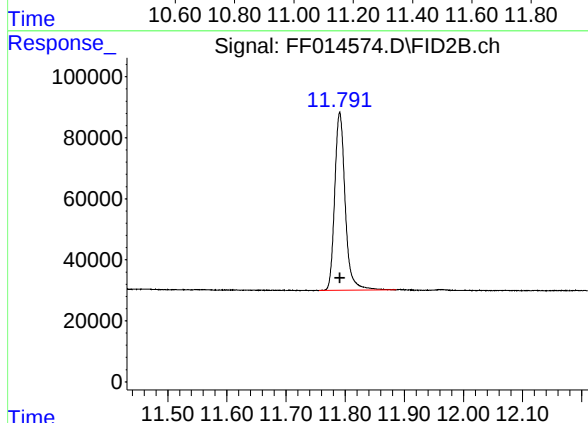
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



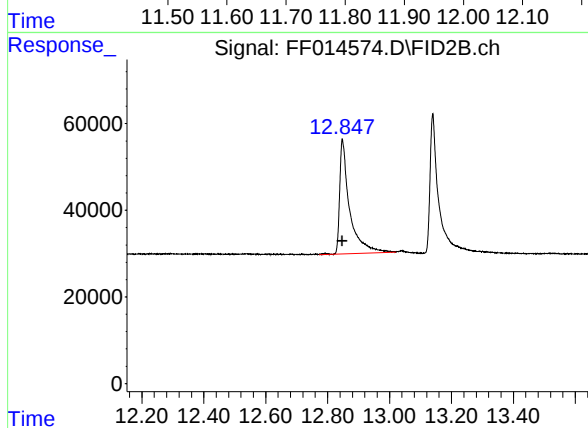
#10 Anthracene (C19.43)

R.T.: 11.110 min
Delta R.T.: 0.000 min
Response: 578934
Conc: 4.90 ug/ml



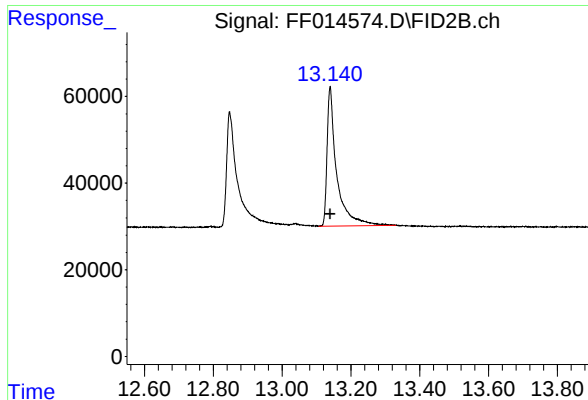
#11 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 720513
Conc: 5.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 586488
Conc: 4.79 ug/ml



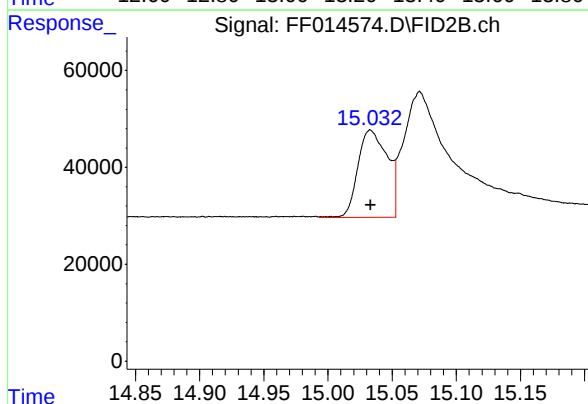
#13 Pyrene (C20.8)

R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 624523
Conc: 5.03 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

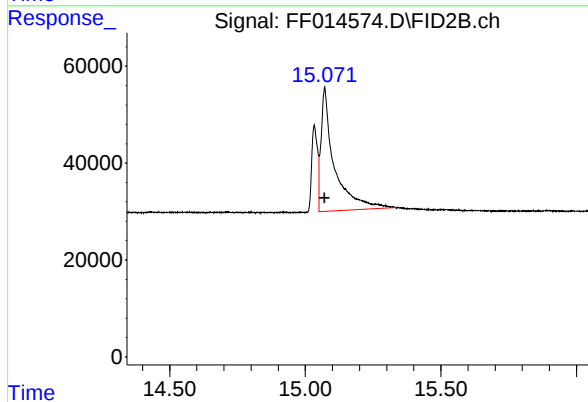
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



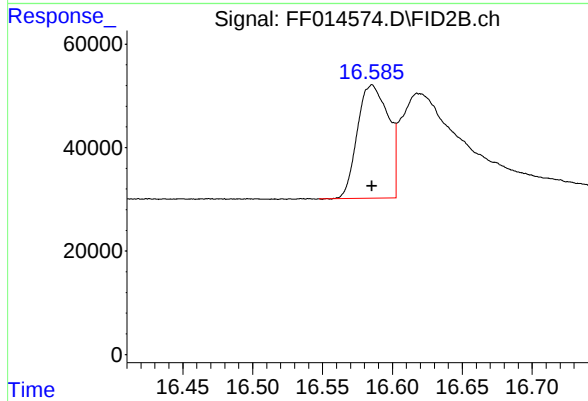
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.032 min
Delta R.T.: 0.000 min
Response: 291906
Conc: 3.35 ug/ml m



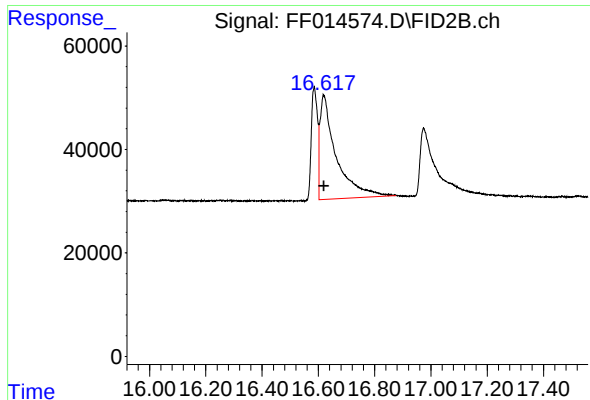
#15 Chrysene (C27.41)

R.T.: 15.071 min
Delta R.T.: 0.000 min
Response: 873055
Conc: 6.08 ug/ml



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

R.T.: 16.585 min
Delta R.T.: 0.000 min
Response: 338179
Conc: 3.50 ug/ml



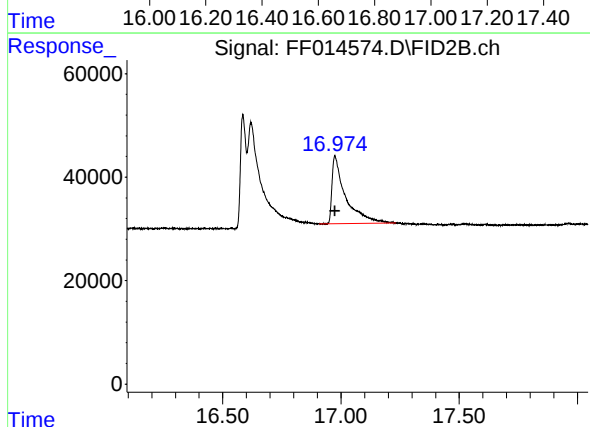
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.620 min
Delta R.T.: 0.000 min
Response: 809250
Conc: 5.96 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

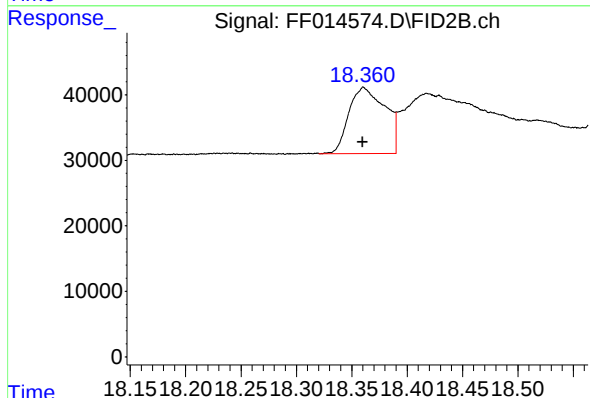
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



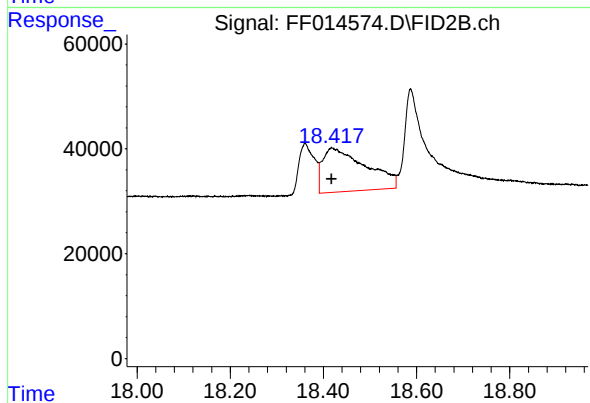
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 524529
Conc: 4.78 ug/ml



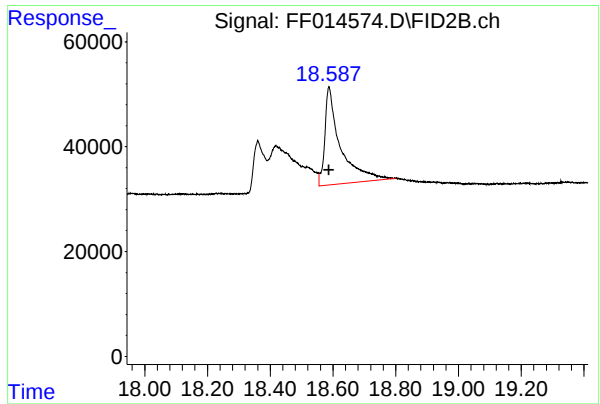
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.360 min
Delta R.T.: 0.000 min
Response: 231820
Conc: 3.62 ug/ml m



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

R.T.: 18.418 min
Delta R.T.: 0.000 min
Response: 536288
Conc: 4.93 ug/ml



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

R.T.: 18.587 min
Delta R.T.: 0.000 min
Response: 645903
Conc: 5.31 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024