

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045160.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 14:12
 Operator : YP/AJ
 Sample : 01627-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
 Quant Time: Feb 25 03:01:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 2023
 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...	7.554	5929336	44.209 ug/ml
Spiked Amount 50.000		Recovery =	88.42%
6) S 2-Fluorobiphenyl (SURR)	8.410	3896097	43.473 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	86.95%
11) S ortho-Terphenyl (SURR)	11.450	5878969	34.954 ug/ml
Spiked Amount 50.000		Recovery =	69.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	283819	1.896 ug/ml
2) T Naphthalene (C11.7)	5.892	328990	2.095 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	330992	2.116 ug/mlm
5) T Acenaphthylene (C15.06)	8.211	301970	2.115 ug/ml
7) T Acenaphthene (C15.5)	8.506	316799	2.101 ug/ml
8) T Fluorene (C16.55)	9.284	322930	2.191 ug/ml
9) T Phenanthrene (C19.36)	10.674	303233	2.095 ug/ml
10) T Anthracene (C19.43)	10.748	310311	2.292 ug/ml
12) T Fluoranthene (C21.85)	12.478	310489	2.166 ug/ml
13) T Pyrene (C20.8)	12.773	297221	2.123 ug/ml
14) T Benzo[a]anthracene (C...	14.636	293611	2.308 ug/mlm
15) T Chrysene (C27.41)	14.677	300391	2.269 ug/mlm
16) T benzo[b]fluoranthene ...	16.177	277338	2.115 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.208	288600	2.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	258736	2.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	279528	2.225 ug/mlm
20) T Dibenz[a,h]anthracene...	17.951	315558	2.580 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	279972	2.207 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
Data File : FD045160.D
Signal(s) : FID2B.ch
Acq On : 24 Feb 2023 14:12
Operator : YP/AJ
Sample : 01627-03
Misc : 2.5 PPM SOIL MDL
ALS Vial : 79 Sample Multiplier: 1

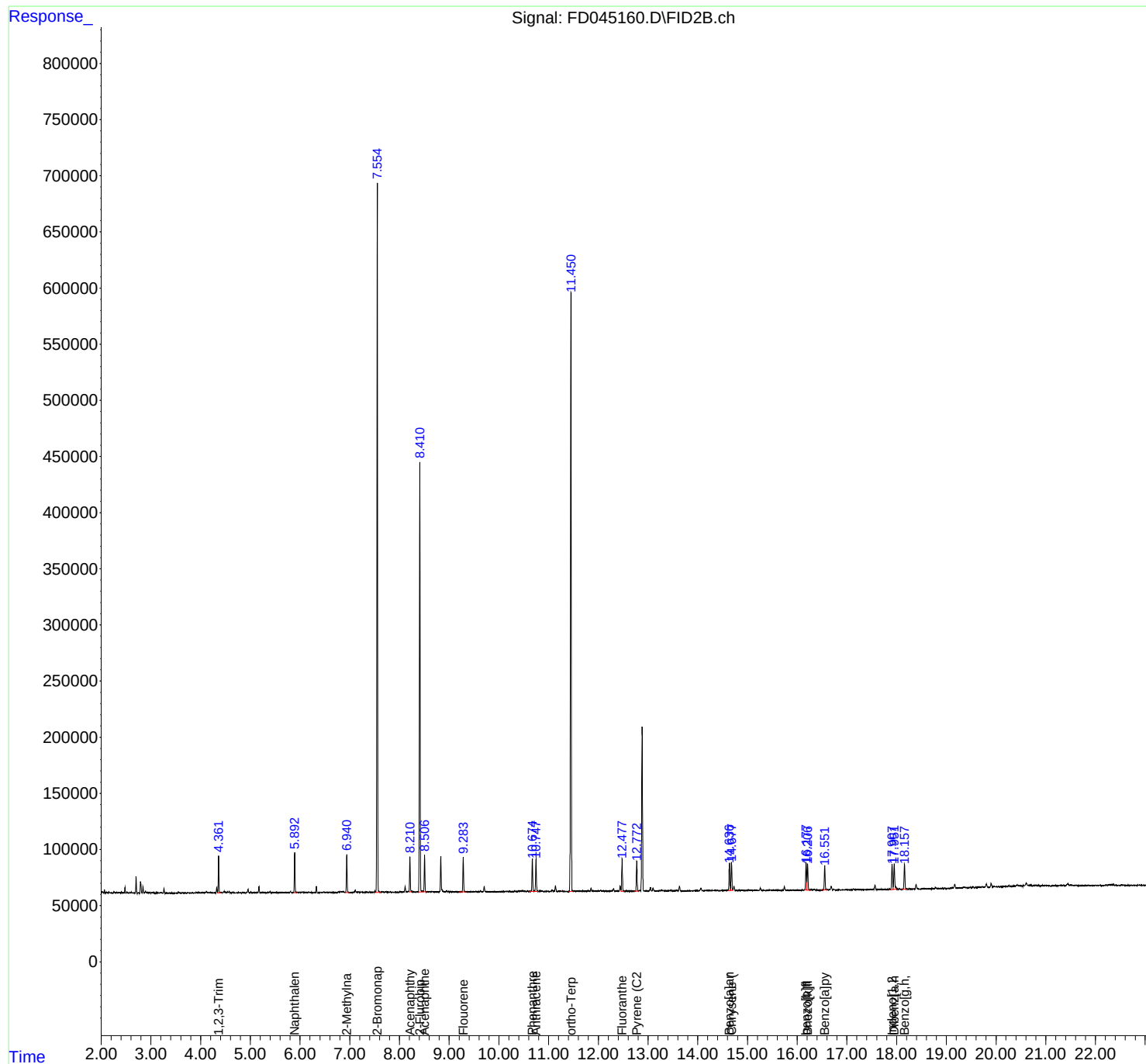
Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

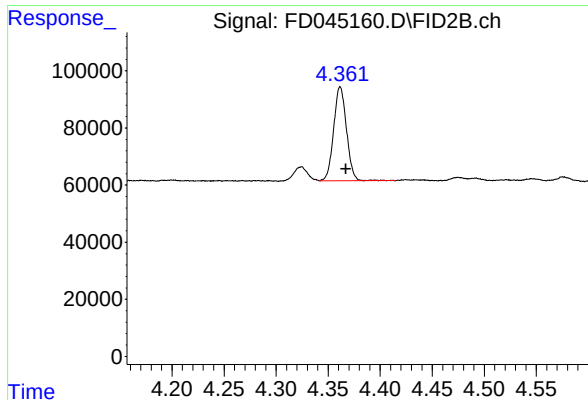
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
Quant Time: Feb 25 03:01:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
Quant Title : GC Extractables
QLast Update : Wed Feb 22 04:55:52 2023
Response via : Initial Calibration
Integrator: ChemStation

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





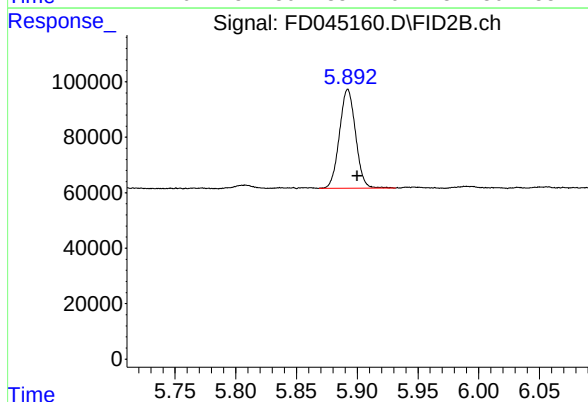
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 283819
Conc: 1.90 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

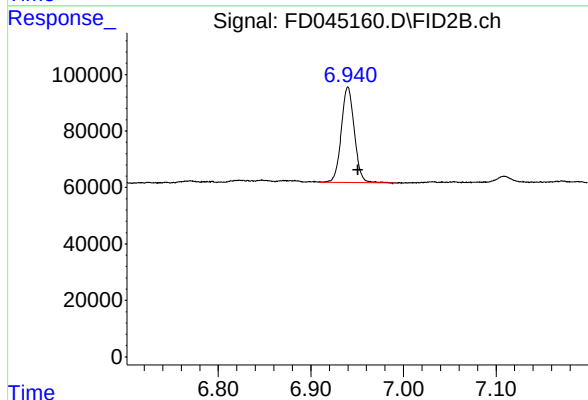
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Ankita Jodhani 02/27/2023



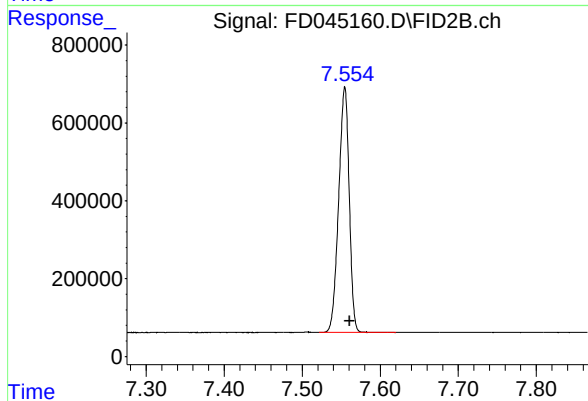
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.008 min
Response: 328990
Conc: 2.10 ug/ml



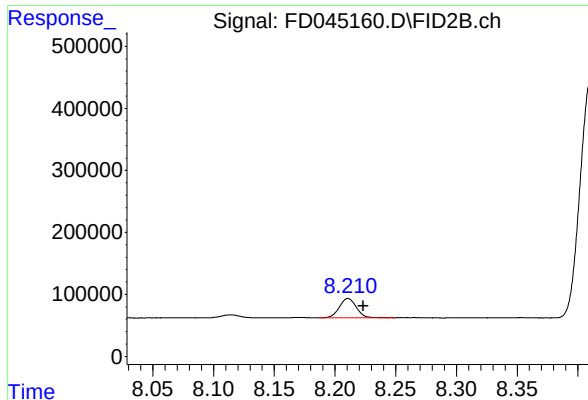
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: -0.011 min
Response: 330992
Conc: 2.12 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 5929336
Conc: 44.21 ug/ml



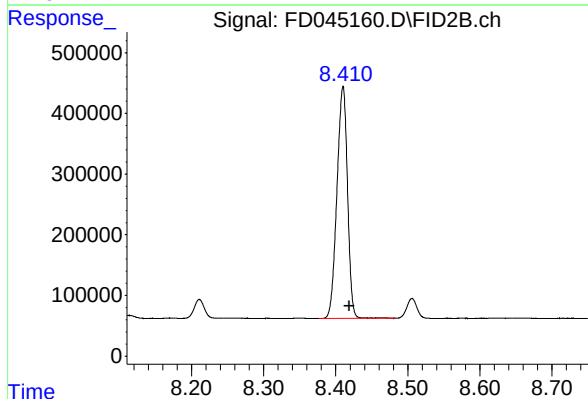
#5 Acenaphthylene (C15.06)

R.T.: 8.211 min
Delta R.T.: -0.012 min
Response: 301970
Conc: 2.11 ug/ml

Instrument : FID_D
ClientSampleId : MDL-SOIL-03-QT1-2022

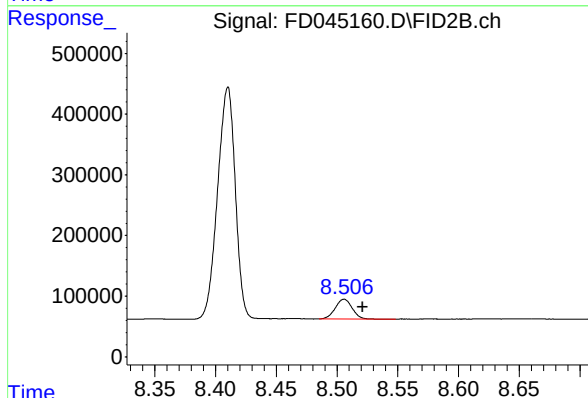
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Ankita Jodhani 02/27/2023



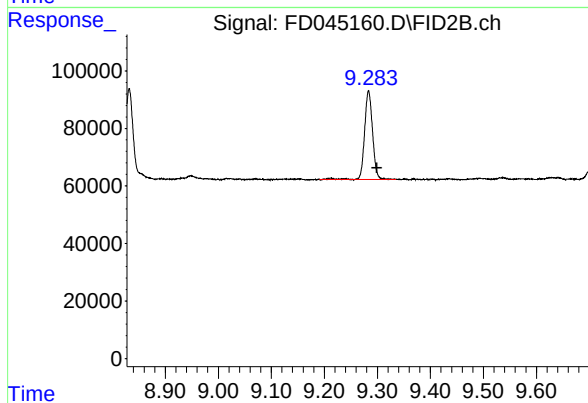
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: -0.009 min
Response: 3896097
Conc: 43.47 ug/ml



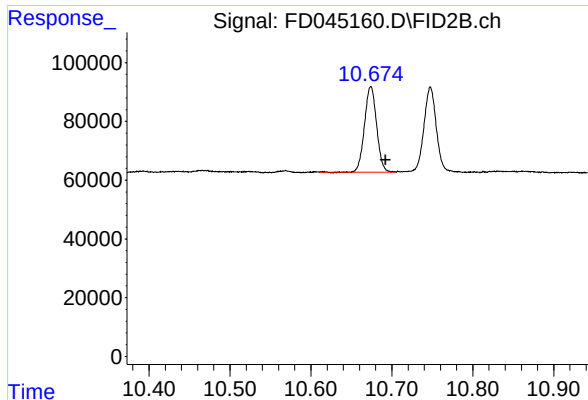
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.015 min
Response: 316799
Conc: 2.10 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.284 min
Delta R.T.: -0.016 min
Response: 322930
Conc: 2.19 ug/ml



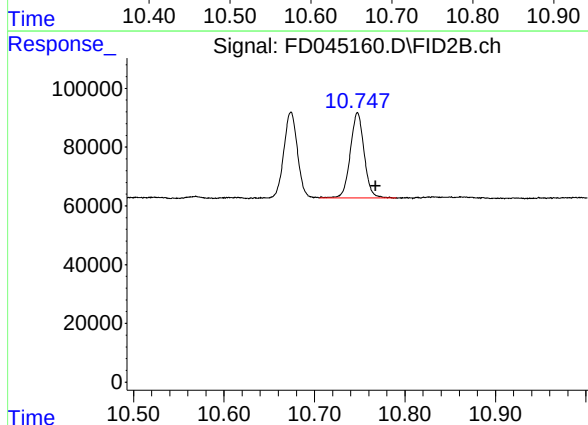
#9 Phenanthrene (C19.36)

R.T.: 10.674 min
Delta R.T.: -0.018 min
Response: 303233
Conc: 2.09 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

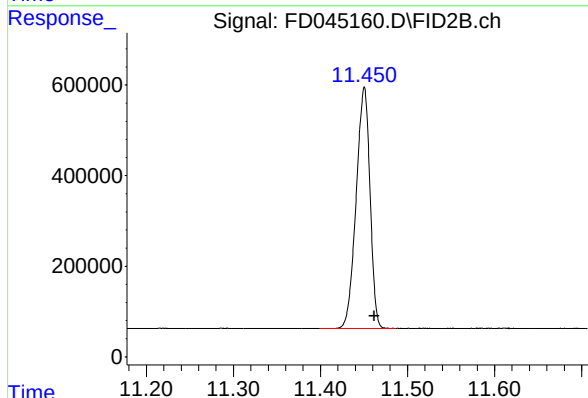
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Ankita Jodhani 02/27/2023



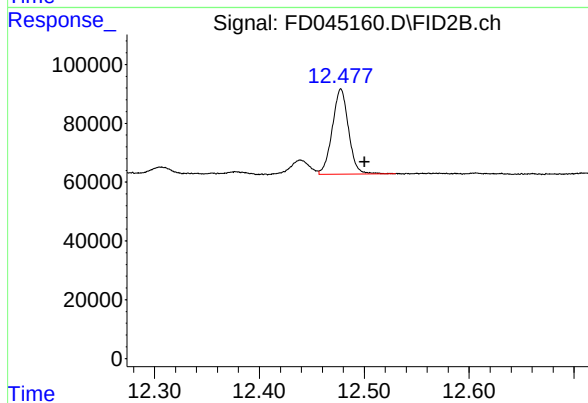
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.020 min
Response: 310311
Conc: 2.29 ug/ml



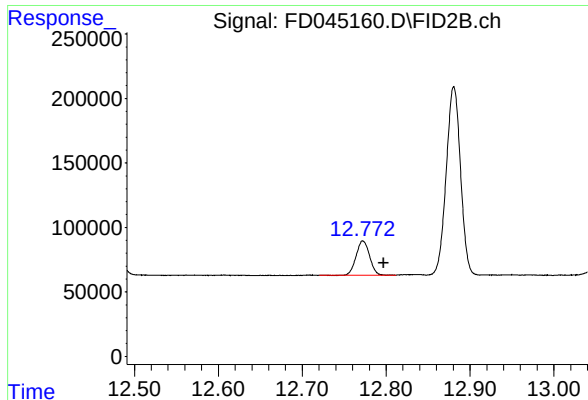
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.012 min
Response: 5878969
Conc: 34.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: -0.023 min
Response: 310489
Conc: 2.17 ug/ml



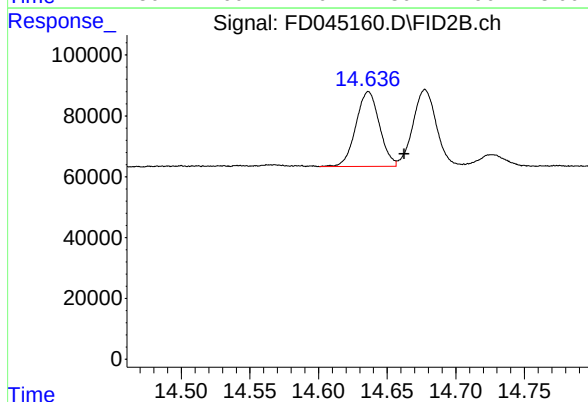
#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: -0.024 min
Response: 297221
Conc: 2.12 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

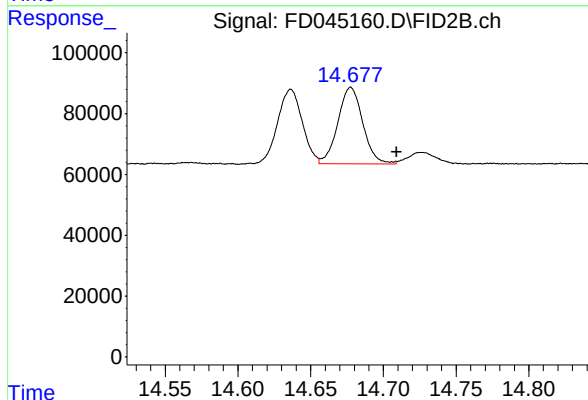
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Ankita Jodhani 02/27/2023



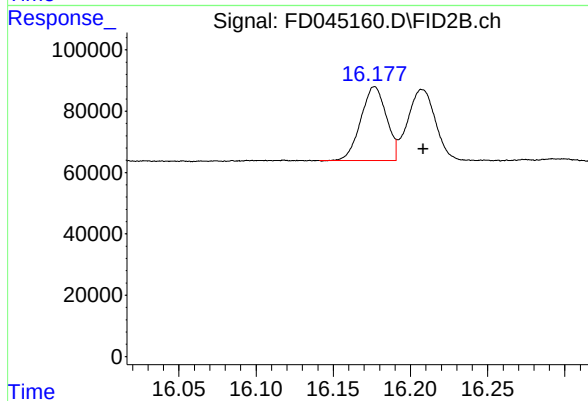
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: -0.027 min
Response: 293611
Conc: 2.31 ug/ml m



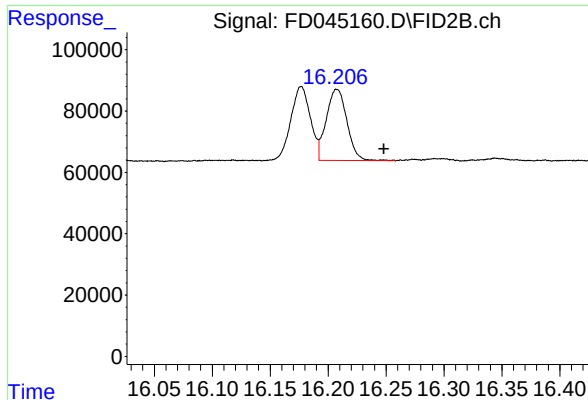
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: -0.032 min
Response: 300391
Conc: 2.27 ug/ml m



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

R.T.: 16.177 min
Delta R.T.: -0.032 min
Response: 277338
Conc: 2.11 ug/ml m



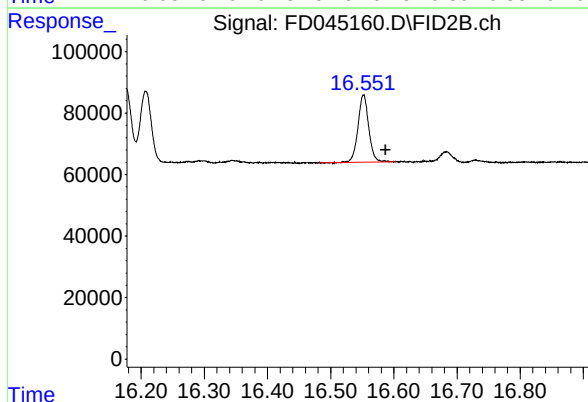
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.208 min
Delta R.T.: -0.041 min
Response: 288600
Conc: 2.23 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

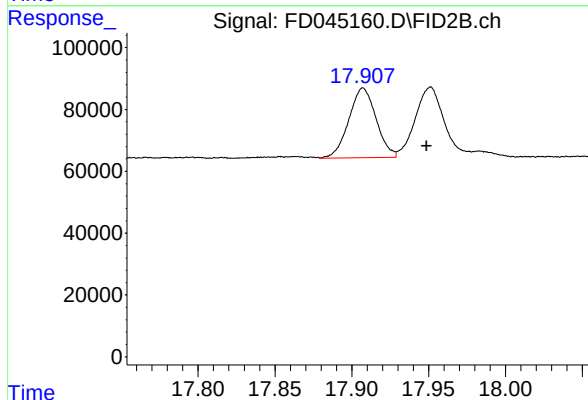
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Ankita Jodhani 02/27/2023



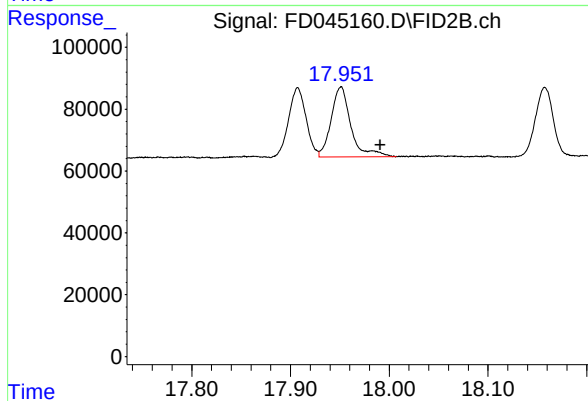
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min
Delta R.T.: -0.035 min
Response: 258736
Conc: 2.02 ug/ml



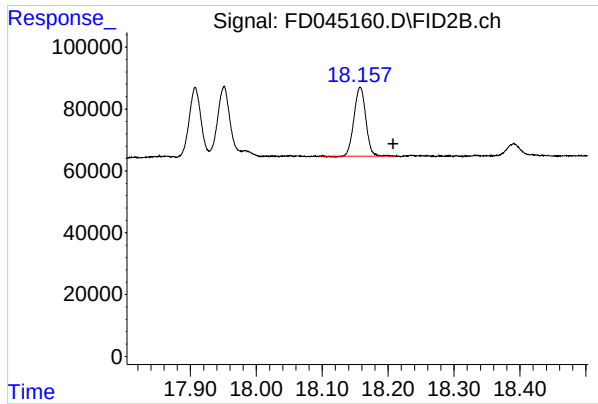
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: -0.042 min
Response: 279528
Conc: 2.23 ug/ml m



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

R.T.: 17.951 min
Delta R.T.: -0.040 min
Response: 315558
Conc: 2.58 ug/ml



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

R.T.: 18.158 min
Delta R.T.: -0.050 min
Response: 279972
Conc: 2.21 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Ankita Jodhani 02/27/2023