

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014453.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 11:12
 Operator : YP\AJ
 Sample : P3390-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :Ankita Jodhani 08/22/2024

Integration File: autoint1.e
 Quant Time: Aug 22 03:08:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 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...	7.875	5437238	48.559 ug/ml
Spiked Amount 50.000		Recovery =	97.12%
6) S 2-Fluorobiphenyl (SURR)	8.744	3273949	48.902 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	97.80%
11) S ortho-Terphenyl (SURR)	11.807	5981904	41.520 ug/ml
Spiked Amount 50.000		Recovery =	83.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	453529	3.404 ug/ml
2) T Naphthalene (C11.7)	6.155	469707	3.528 ug/mlm
3) T 2-Methylnaphthalene (...)	7.252	502469	3.764 ug/ml
5) T Acenaphthylene (C15.06)	8.545	520760	3.887 ug/ml
7) T Acenaphthene (C15.5)	8.842	677760	4.749 ug/ml
8) T Flouorene (C16.55)	9.637	464493	3.583 ug/ml
9) T Phenanthrene (C19.36)	11.038	425678	3.341 ug/mlm
10) T Anthracene (C19.43)	11.116	538356	4.035 ug/mlm
12) T Fluoranthene (C21.85)	12.856	517021	3.763 ug/ml
13) T Pyrene (C20.8)	13.151	523944	3.783 ug/ml
14) T Benzo[a]anthracene (C...	15.039	298170	2.652 ug/ml
15) T Chrysene (C27.41)	15.079	732550	4.689 ug/ml
16) T benzo[b]fluoranthene ...	16.596	334397	2.842 ug/ml
17) T Bnezo[k]fluoranthene ...	16.626	638071	4.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.983	395441	3.130 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.379	290039	3.469 ug/ml
20) T Dibenz[a,h]anthracene...	18.415	374315	2.709 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.600	369265	3.010 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
Data File : FF014453.D
Signal(s) : FID2B.ch
Acq On : 21 Aug 2024 11:12
Operator : YP\AJ
Sample : P3390-02
Misc : 5 PPM SOIL LOQ
ALS Vial : 65 Sample Multiplier: 1

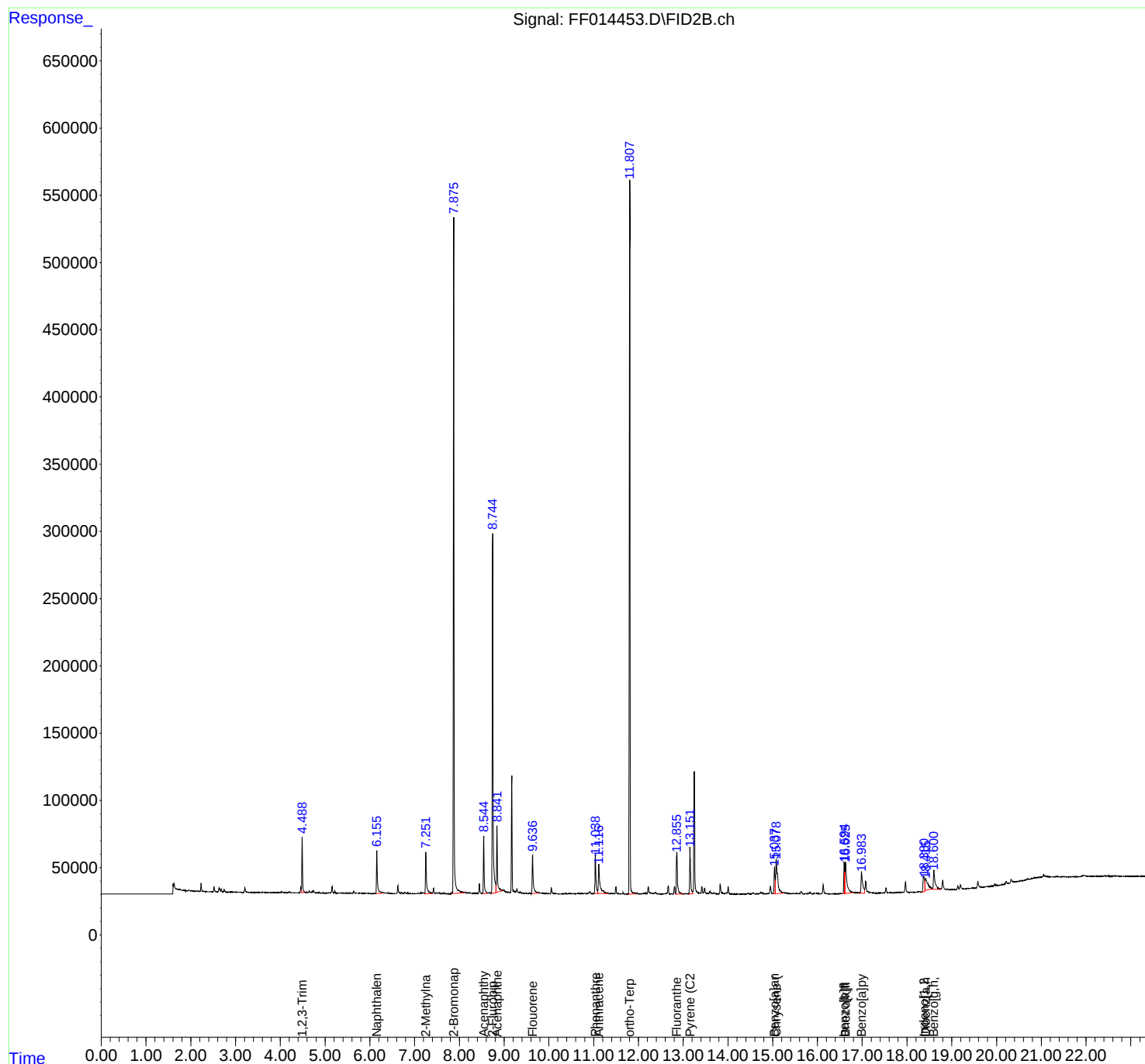
Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT3-2024

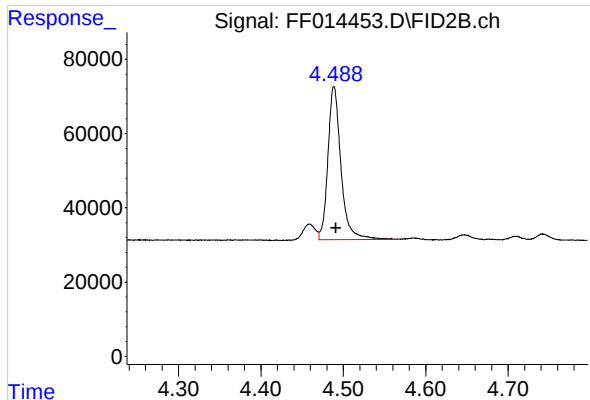
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :Ankita Jodhani 08/22/2024

Integration File: autoint1.e
Quant Time: Aug 22 03:08:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
Quant Title : GC Extractables
QLast Update : Tue Aug 20 15:55:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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





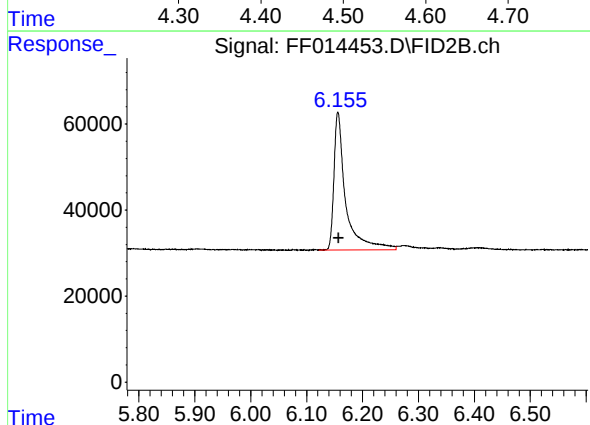
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 453529
Conc: 3.40 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT3-2024

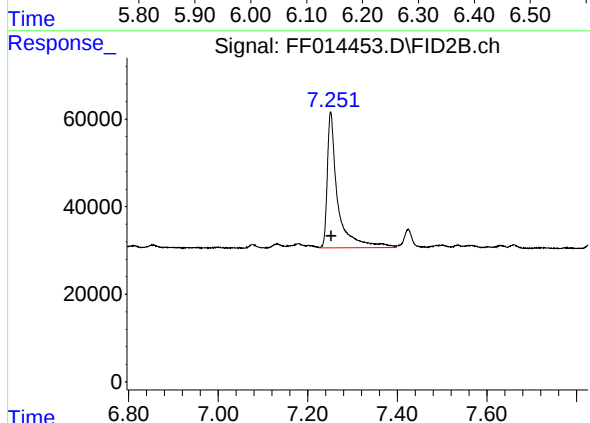
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :Ankita Jodhani 08/22/2024



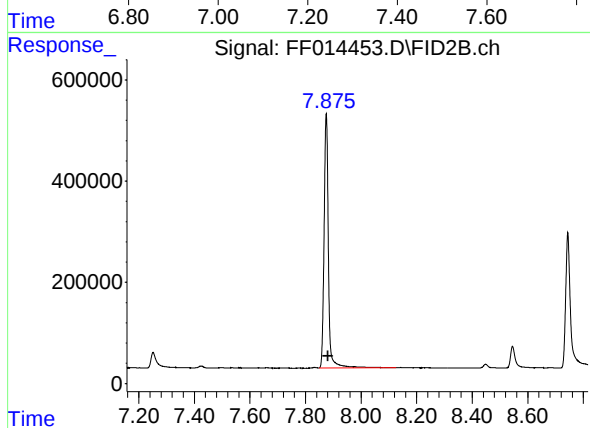
#2 Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 469707
Conc: 3.53 ug/ml m



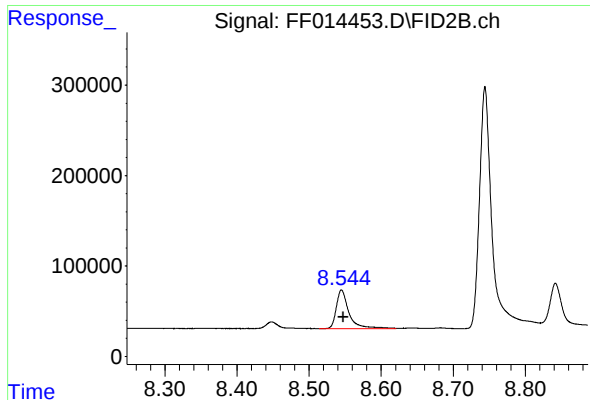
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.001 min
Response: 502469
Conc: 3.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.875 min
Delta R.T.: -0.007 min
Response: 5437238
Conc: 48.56 ug/ml



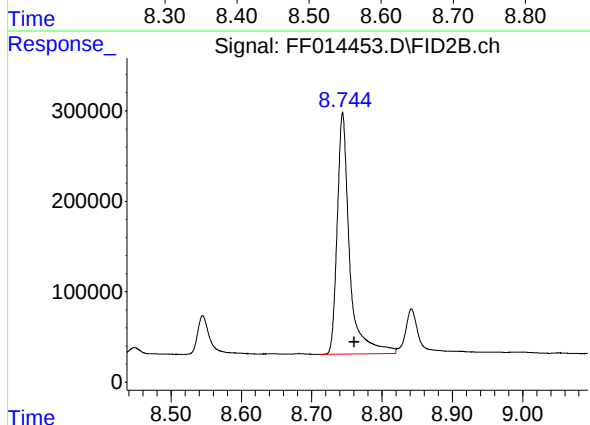
#5 Acenaphthylene (C15.06)

R.T.: 8.545 min
Delta R.T.: -0.002 min
Response: 520760
Conc: 3.89 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT3-2024

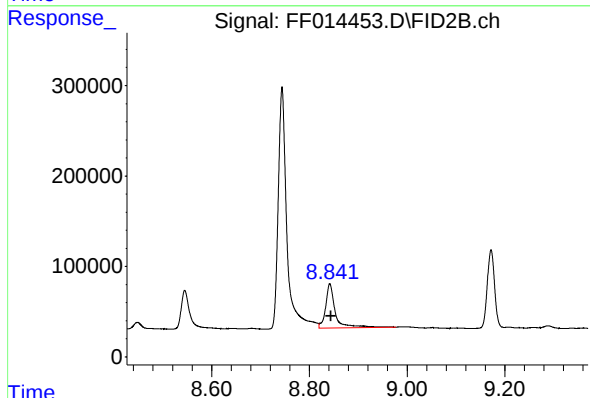
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :Ankita Jodhani 08/22/2024



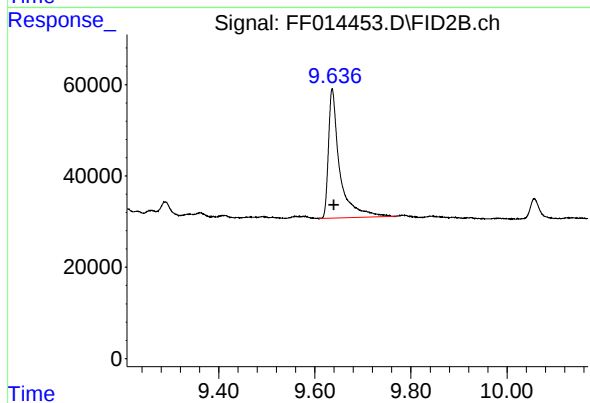
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min
Delta R.T.: -0.016 min
Response: 3273949
Conc: 48.90 ug/ml



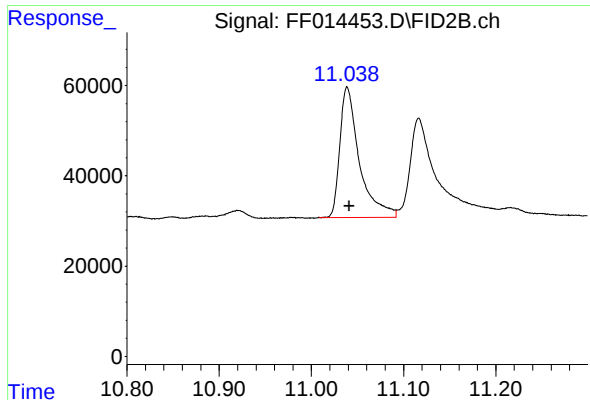
#7 Acenaphthene (C15.5)

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 677760
Conc: 4.75 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.637 min
Delta R.T.: -0.003 min
Response: 464493
Conc: 3.58 ug/ml



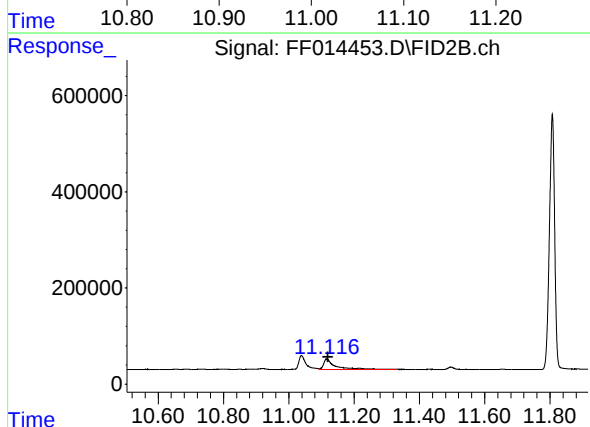
#9 Phenanthrene (C19.36)

R.T.: 11.038 min
Delta R.T.: -0.003 min
Response: 425678
Conc: 3.34 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT3-2024

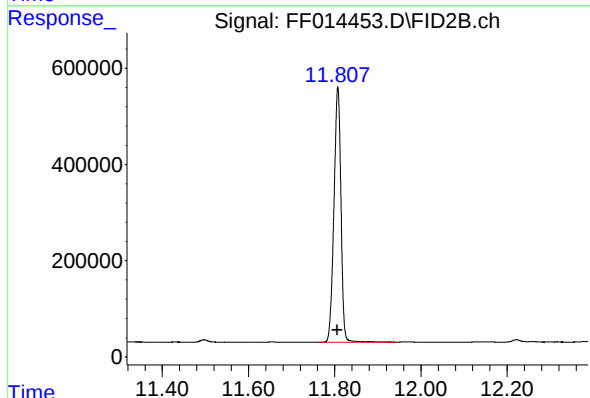
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :Ankita Jodhani 08/22/2024



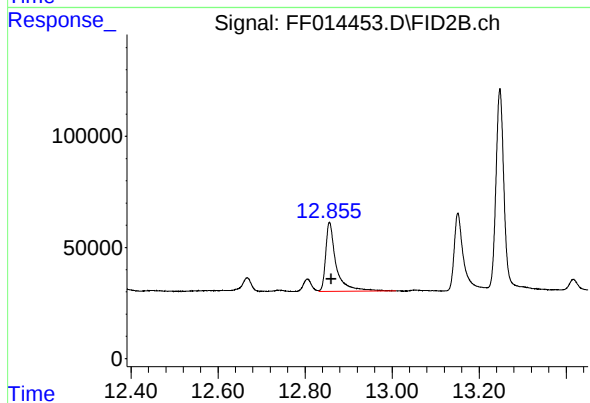
#10 Anthracene (C19.43)

R.T.: 11.116 min
Delta R.T.: -0.004 min
Response: 538356
Conc: 4.03 ug/ml m



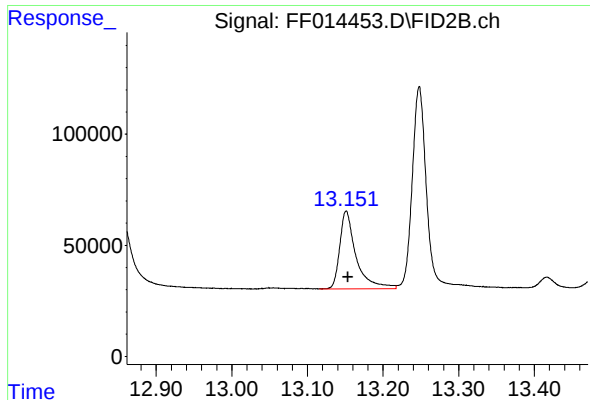
#11 ortho-Terphenyl (SURRE)

R.T.: 11.807 min
Delta R.T.: 0.001 min
Response: 5981904
Conc: 41.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.856 min
Delta R.T.: -0.003 min
Response: 517021
Conc: 3.76 ug/ml



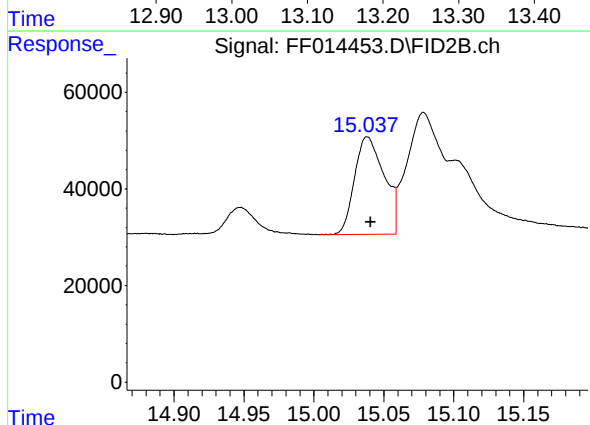
#13 Pyrene (C20.8)

R.T.: 13.151 min
Delta R.T.: -0.002 min
Response: 523944
Conc: 3.78 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT3-2024

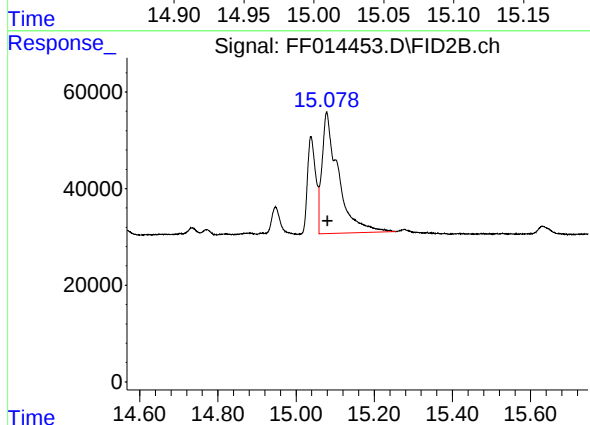
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :Ankita Jodhani 08/22/2024



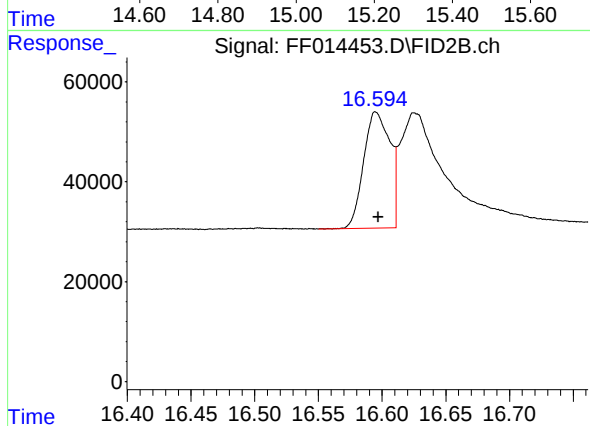
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.039 min
Delta R.T.: -0.002 min
Response: 298170
Conc: 2.65 ug/ml



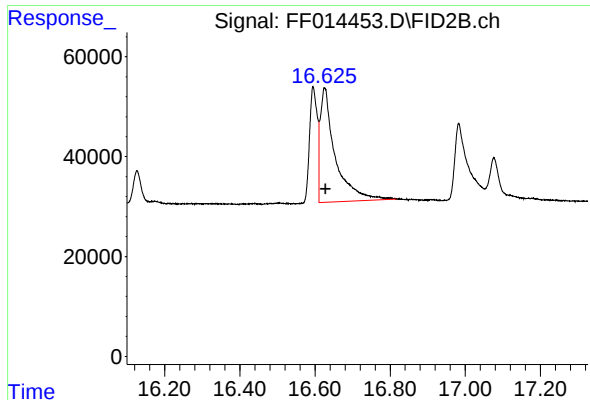
#15 Chrysene (C27.41)

R.T.: 15.079 min
Delta R.T.: -0.002 min
Response: 732550
Conc: 4.69 ug/ml



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

R.T.: 16.596 min
Delta R.T.: -0.001 min
Response: 334397
Conc: 2.84 ug/ml



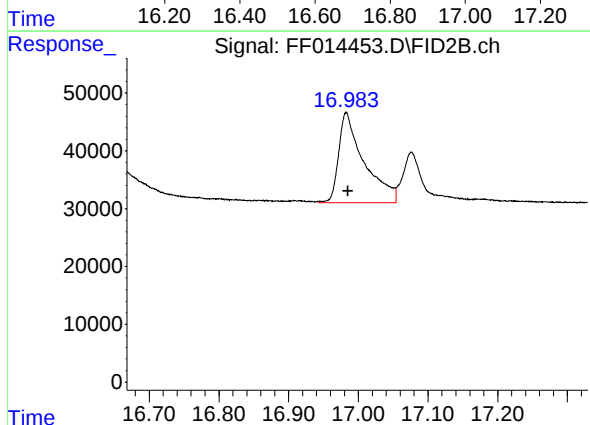
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.626 min
Delta R.T.: -0.003 min
Response: 638071
Conc: 4.40 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT3-2024

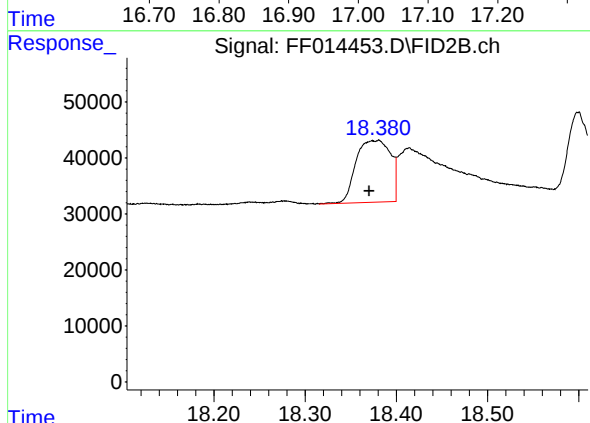
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :Ankita Jodhani 08/22/2024



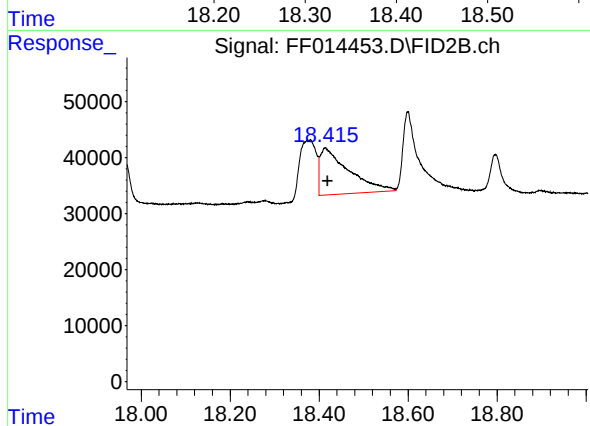
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.983 min
Delta R.T.: -0.002 min
Response: 395441
Conc: 3.13 ug/ml m



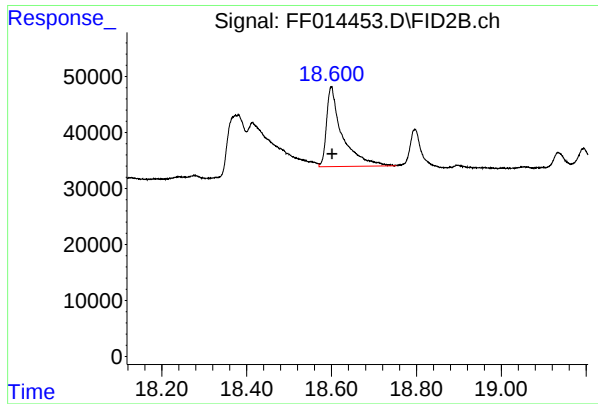
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.379 min
Delta R.T.: 0.008 min
Response: 290039
Conc: 3.47 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.004 min
Response: 374315
Conc: 2.71 ug/ml m



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

R.T.: 18.600 min
Delta R.T.: -0.001 min
Response: 369265
Conc: 3.01 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :Ankita Jodhani 08/22/2024