

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100523AR\
 Data File : FD046655.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2023 11:29
 Operator : YP/AJ
 Sample : 04699-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 05 23:52:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	10614549	60.233 ug/ml
Spiked Amount 50.000		Recovery =	120.47%
6) S 2-Fluorobiphenyl (SURR)	8.345	7094952	61.238 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	122.48%
11) S ortho-Terphenyl (SURR)	11.384	11305636	55.493 ug/ml
Spiked Amount 50.000		Recovery =	110.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	837397	4.534 ug/ml
2) T Naphthalene (C11.7)	5.828	976233	5.052 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	962316	4.966 ug/ml
5) T Acenaphthylene (C15.06)	8.143	990323	5.616 ug/ml
7) T Acenaphthene (C15.5)	8.439	984196	5.238 ug/ml
8) T Fluorene (C16.55)	9.216	975311	5.407 ug/ml
9) T Phenanthrene (C19.36)	10.604	956115	5.438 ug/ml
10) T Anthracene (C19.43)	10.678	917881	5.976 ug/ml
12) T Fluoranthene (C21.85)	12.406	962373	5.646 ug/ml
13) T Pyrene (C20.8)	12.700	963907	5.876 ug/ml
14) T Benzo[a]anthracene (C...	14.562	817298	5.853 ug/ml
15) T Chrysene (C27.41)	14.603	881045	5.804 ug/ml
16) T benzo[b]fluoranthene ...	16.102	796471	5.807 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.134	823706	5.946 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	750095	5.607 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	717373	5.723 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	795226	5.976 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	744012	5.642 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100523AR\
Data File : FD046655.D
Signal(s) : FID2B.ch
Acq On : 05 Oct 2023 11:29
Operator : YP/AJ
Sample : 04699-02
Misc : 5PPM SOIL LOQ
ALS Vial : 59 Sample Multiplier: 1

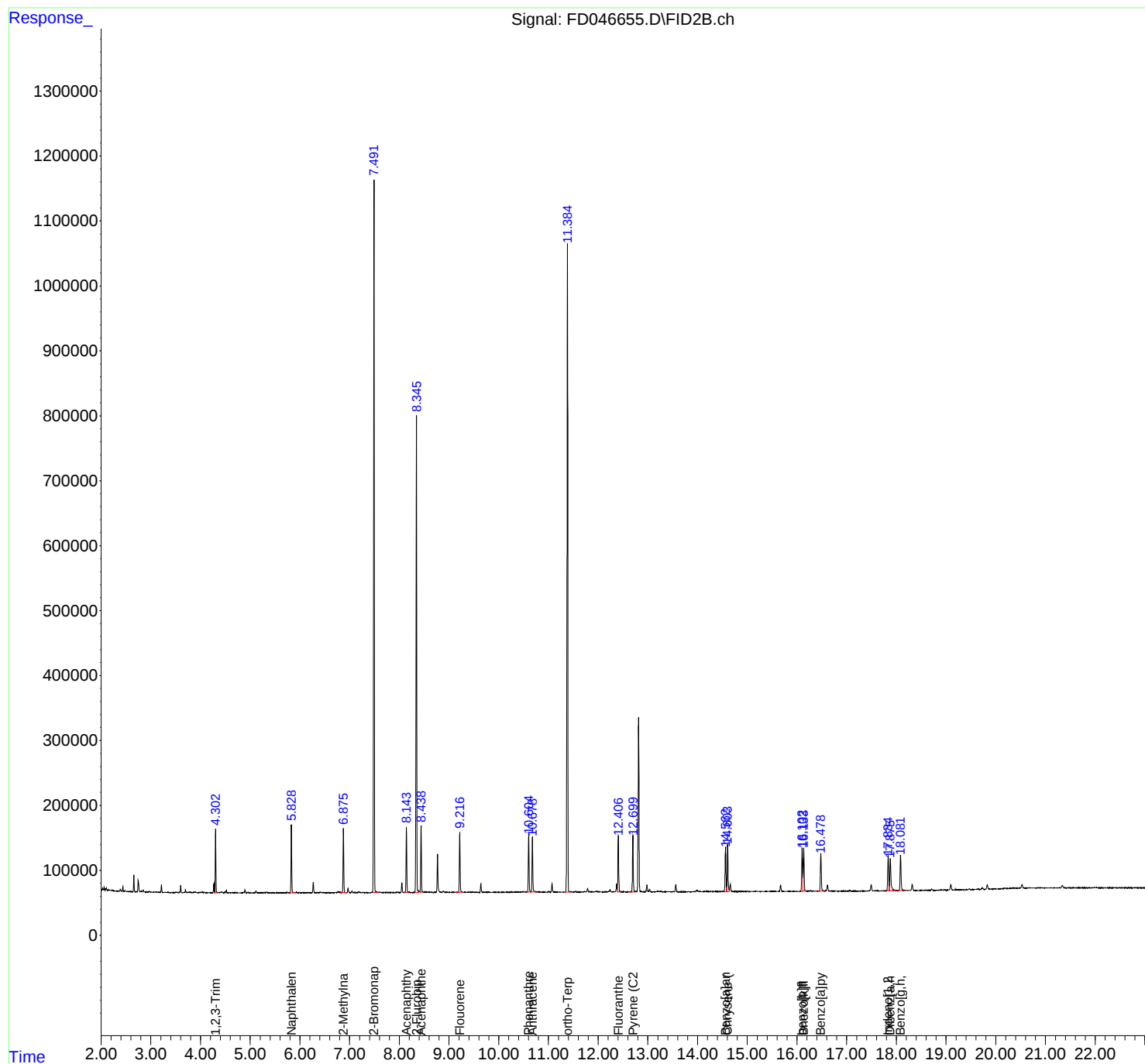
Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2023

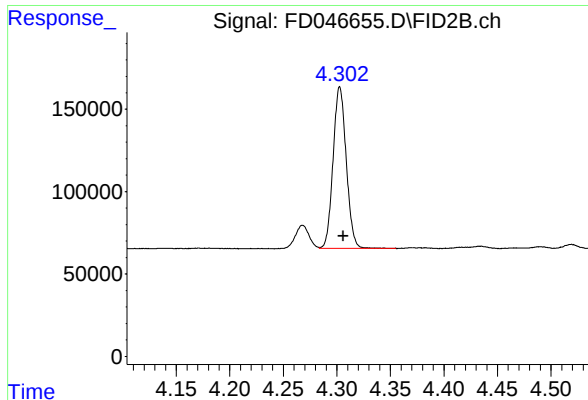
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
Quant Time: Oct 05 23:52:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Fri Sep 15 01:47:22 2023
Response via : Initial Calibration
Integrator: ChemStation

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





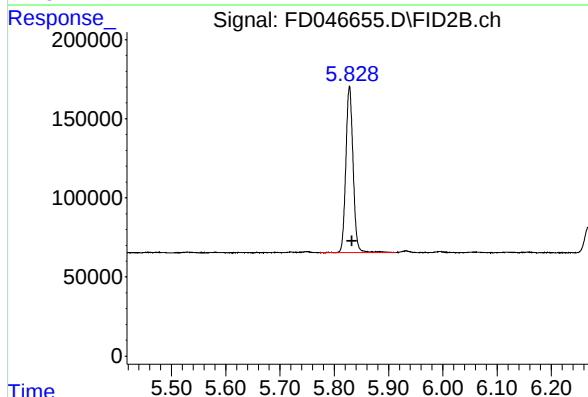
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 837397
Conc: 4.53 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2023

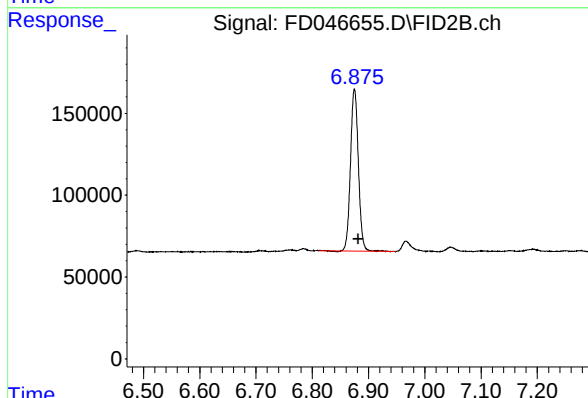
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



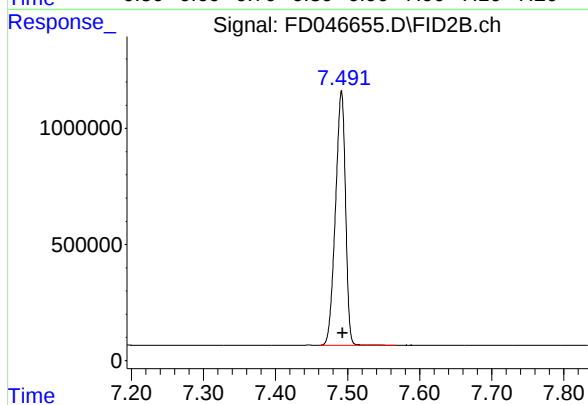
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 976233
Conc: 5.05 ug/ml



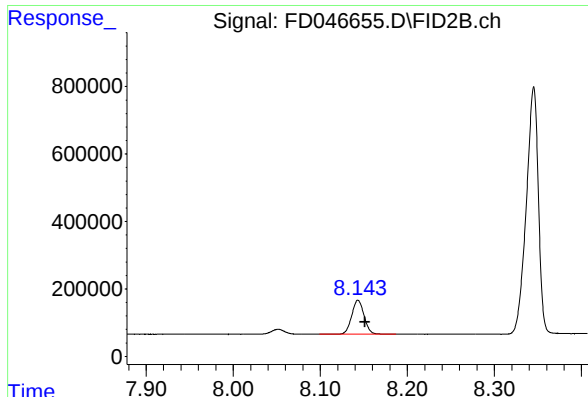
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: -0.007 min
Response: 962316
Conc: 4.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 10614549
Conc: 60.23 ug/ml



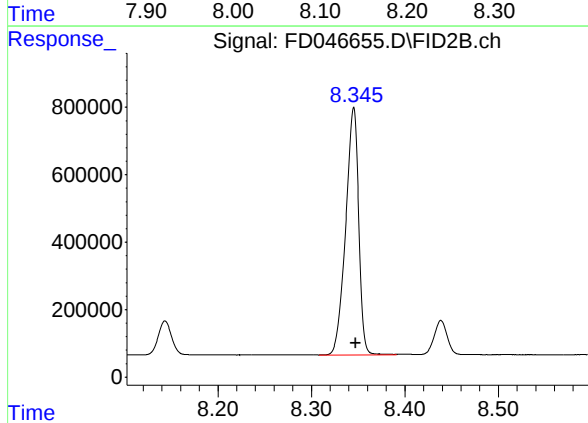
#5 Acenaphthylene (C15.06)

R.T.: 8.143 min
Delta R.T.: -0.008 min
Response: 990323
Conc: 5.62 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2023

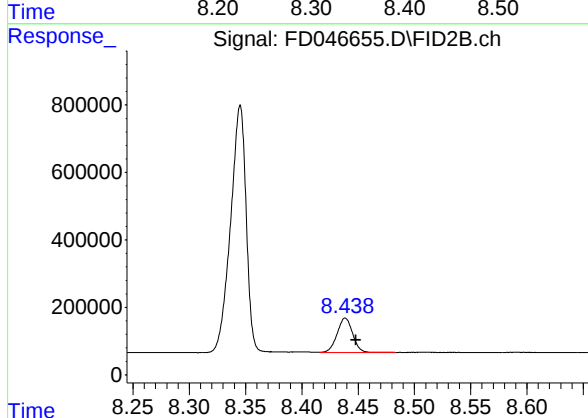
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



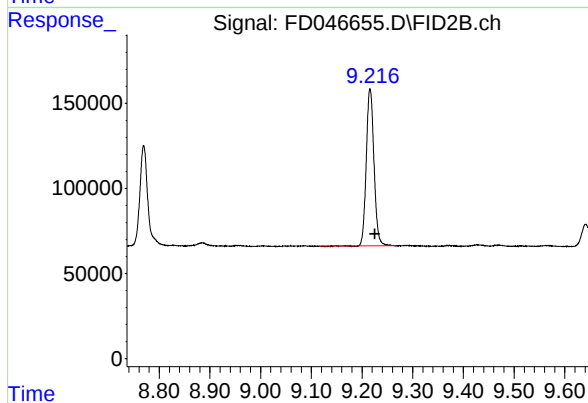
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 7094952
Conc: 61.24 ug/ml



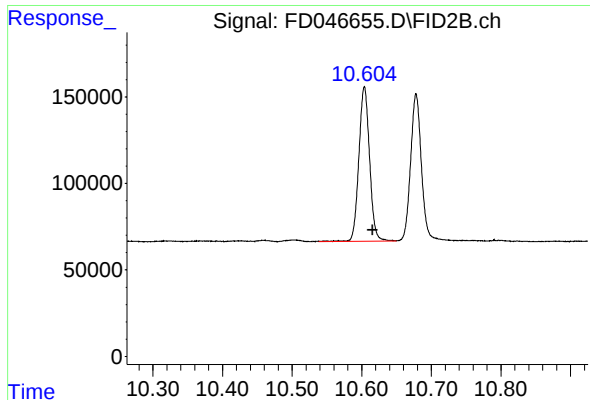
#7 Acenaphthene (C15.5)

R.T.: 8.439 min
Delta R.T.: -0.009 min
Response: 984196
Conc: 5.24 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.216 min
Delta R.T.: -0.010 min
Response: 975311
Conc: 5.41 ug/ml



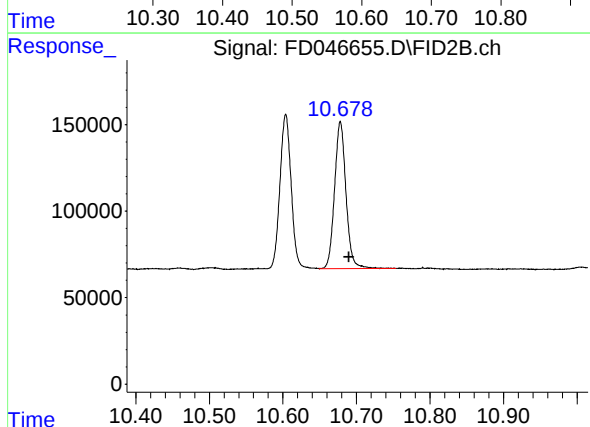
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: -0.012 min
Response: 956115
Conc: 5.44 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2023

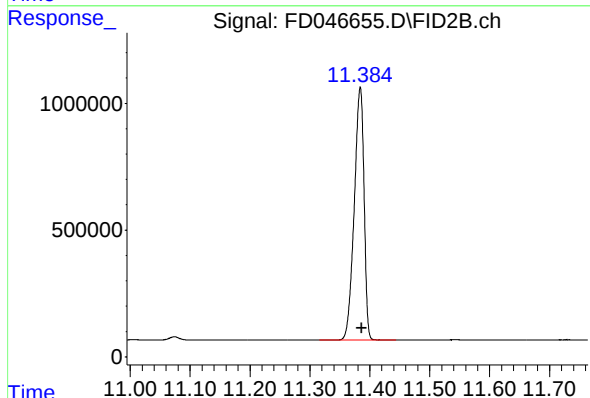
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



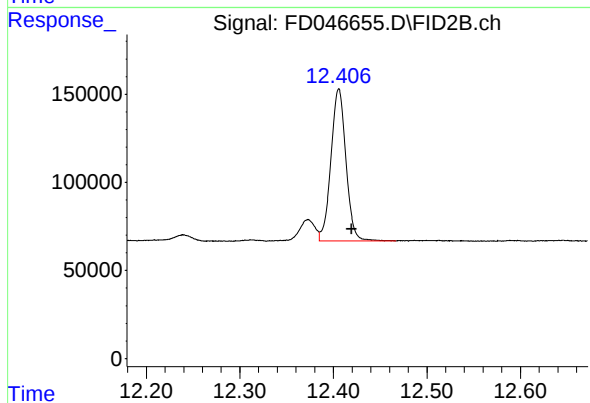
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: -0.011 min
Response: 917881
Conc: 5.98 ug/ml



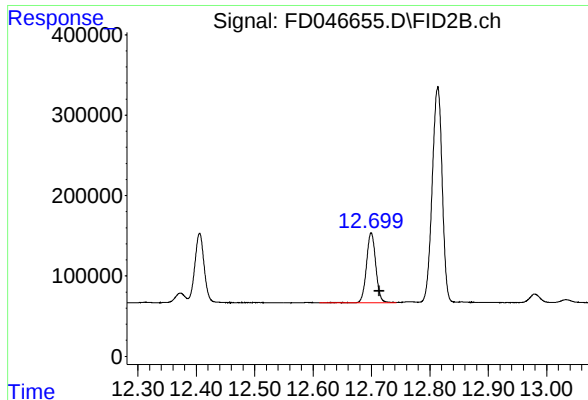
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 11305636
Conc: 55.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.406 min
Delta R.T.: -0.014 min
Response: 962373
Conc: 5.65 ug/ml



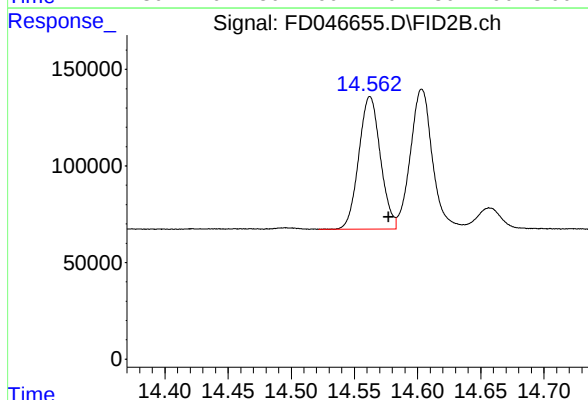
#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: -0.014 min
Response: 963907
Conc: 5.88 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2023

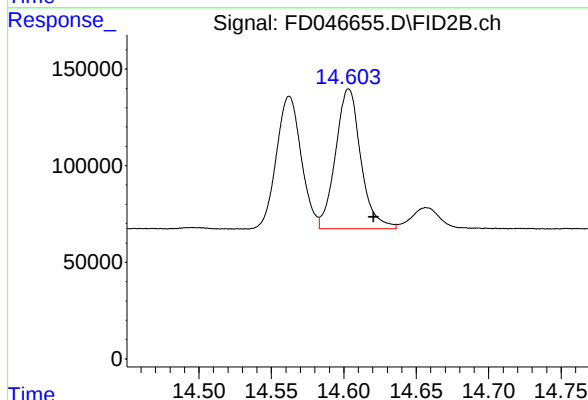
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



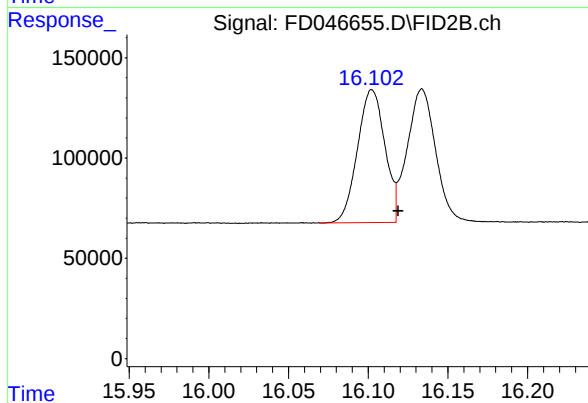
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: -0.015 min
Response: 817298
Conc: 5.85 ug/ml



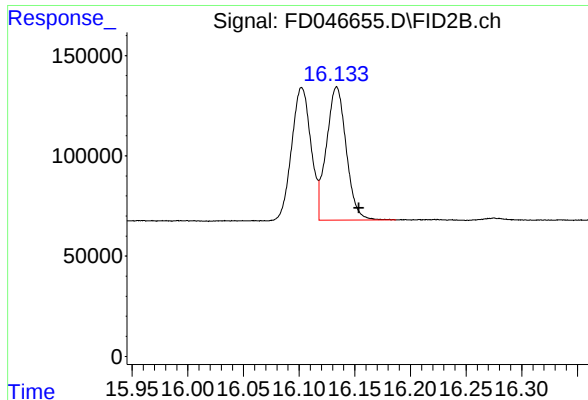
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: -0.017 min
Response: 881045
Conc: 5.80 ug/ml



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

R.T.: 16.102 min
Delta R.T.: -0.017 min
Response: 796471
Conc: 5.81 ug/ml m



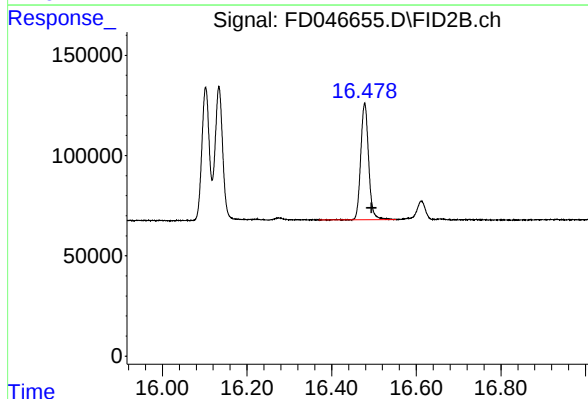
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: -0.020 min
Response: 823706
Conc: 5.95 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2023

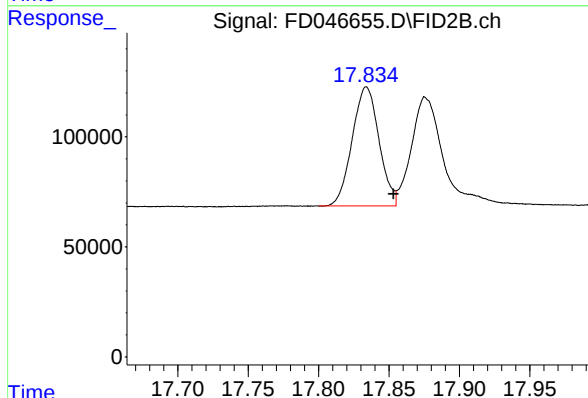
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



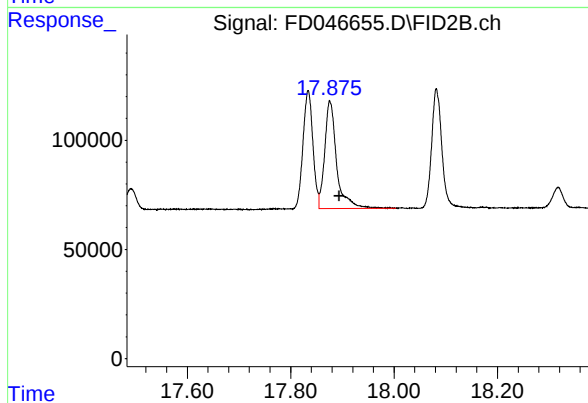
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: -0.016 min
Response: 750095
Conc: 5.61 ug/ml



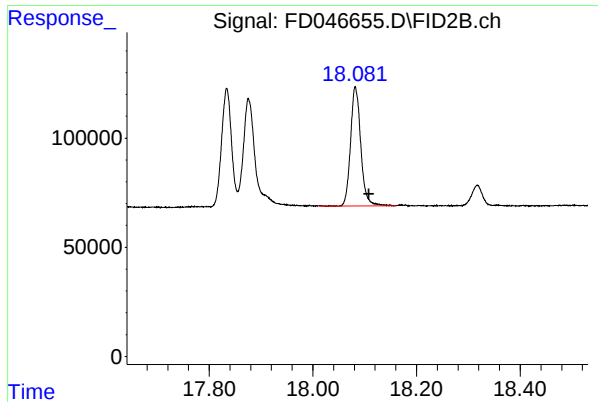
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: -0.019 min
Response: 717373
Conc: 5.72 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.018 min
Response: 795226
Conc: 5.98 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.026 min
Response: 744012
Conc: 5.64 ug/ml

Instrument :

FID_D

ClientSampleId :

LOQ-SOIL-02-QT4-2023

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023