

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047705.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 16:28
 Operator : YP/AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:55:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	9906816	63.170 ug/ml
Spiked Amount 50.000		Recovery =	126.34%
6) S 2-Fluorobiphenyl (SURR)	8.317	6551892	62.636 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.27%
11) S ortho-Terphenyl (SURR)	11.359	9823580	52.383 ug/ml
Spiked Amount 50.000		Recovery =	104.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	627239	3.880 ug/ml
2) T Naphthalene (C11.7)	5.799	691785	4.088 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	729122	4.280 ug/mlm
5) T Acenaphthylene (C15.06)	8.116	694910	4.261 ug/mlm
7) T Acenaphthene (C15.5)	8.411	740750	4.407 ug/ml
8) T Flouorene (C16.55)	9.190	750504	4.512 ug/mlm
9) T Phenanthrene (C19.36)	10.580	708625	4.328 ug/mlm
10) T Anthracene (C19.43)	10.655	701061	4.680 ug/ml
12) T Fluoranthene (C21.85)	12.387	736932	4.441 ug/ml
13) T Pyrene (C20.8)	12.681	733668	4.509 ug/mlm
14) T Benzo[a]anthracene (C...	14.551	656013	4.494 ug/mlm
15) T Chrysene (C27.41)	14.592	698341	4.432 ug/mlm
16) T benzo[b]fluoranthene ...	16.097	661712	4.430 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	690326	4.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	600407	4.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	585494	4.314 ug/mlm
20) T Dibenz[a,h]anthracene...	17.881	642820	4.490 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	619631	4.513 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
Data File : FD047705.D
Signal(s) : FID2B.ch
Acq On : 10 May 2024 16:28
Operator : YP/AJ
Sample : P2403-01
Misc :
ALS Vial : 72 Sample Multiplier: 1

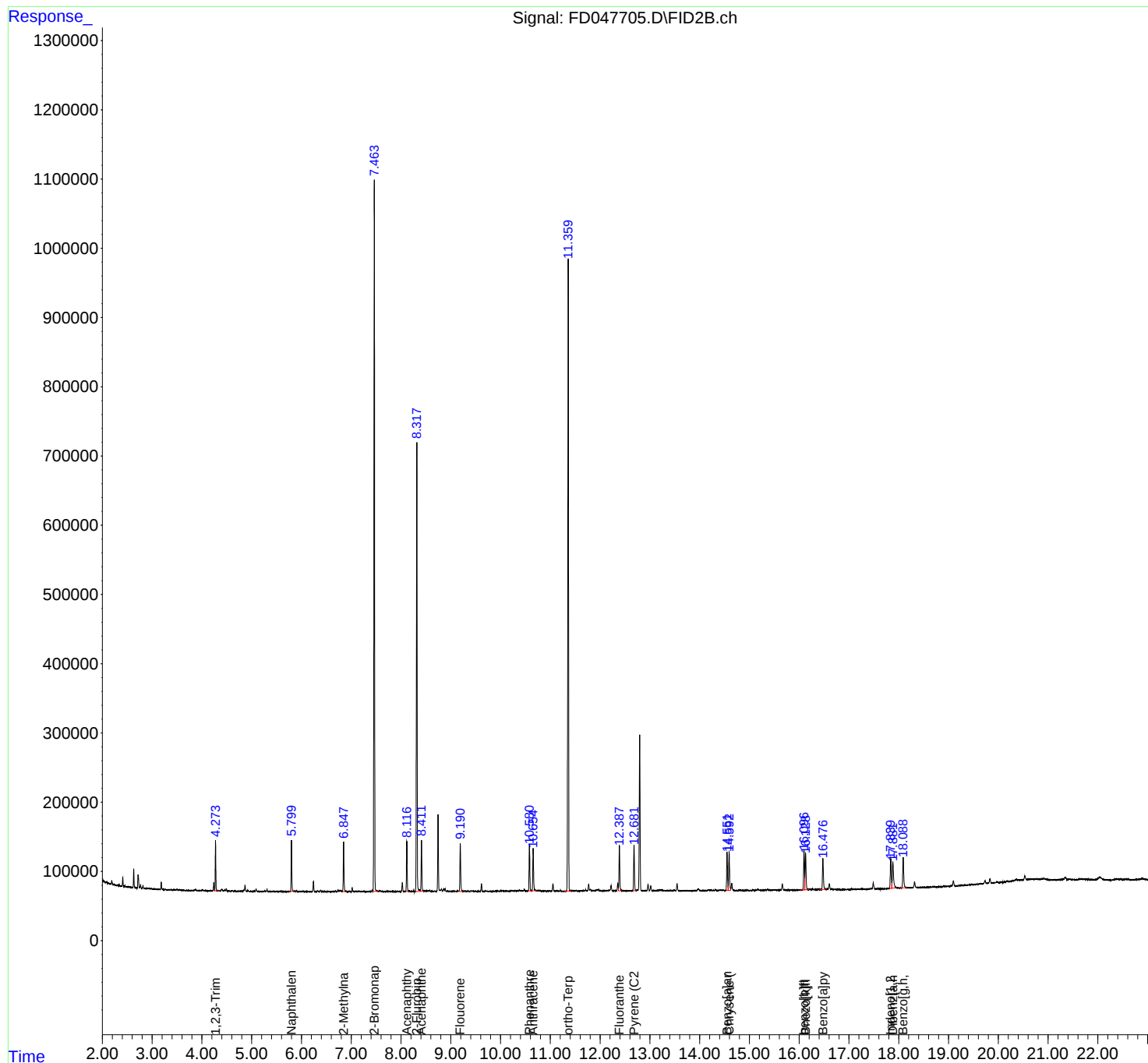
Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

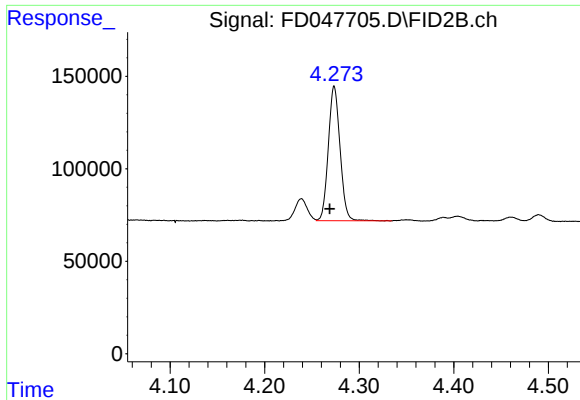
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
Quant Time: May 11 00:55:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 17:13:11 2024
Response via : Initial Calibration
Integrator: ChemStation

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





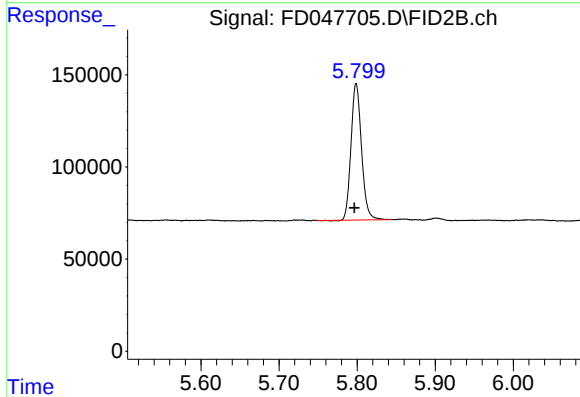
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 627239
Conc: 3.88 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

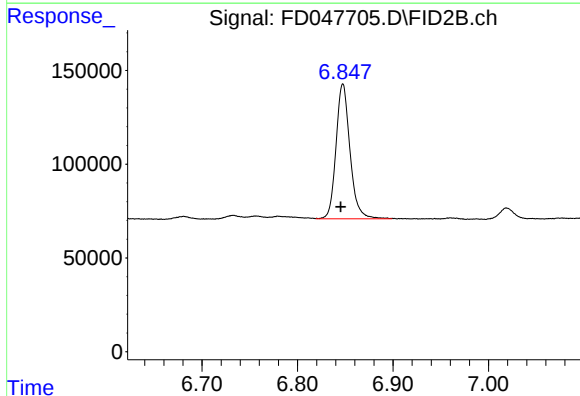
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



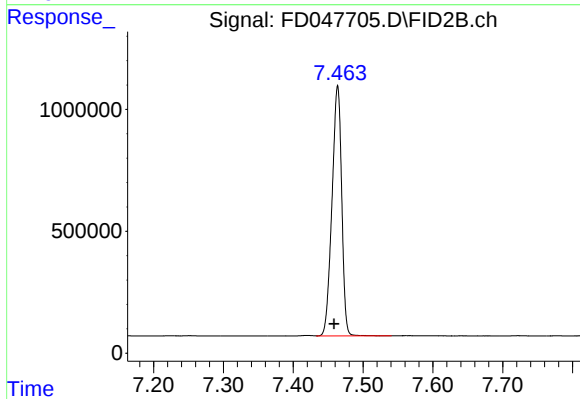
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 691785
Conc: 4.09 ug/ml



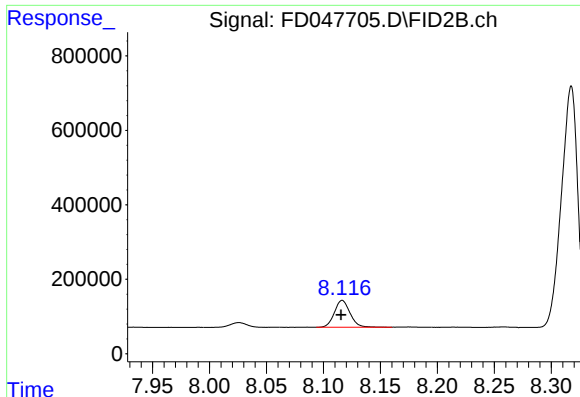
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.002 min
Response: 729122
Conc: 4.28 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 9906816
Conc: 63.17 ug/ml



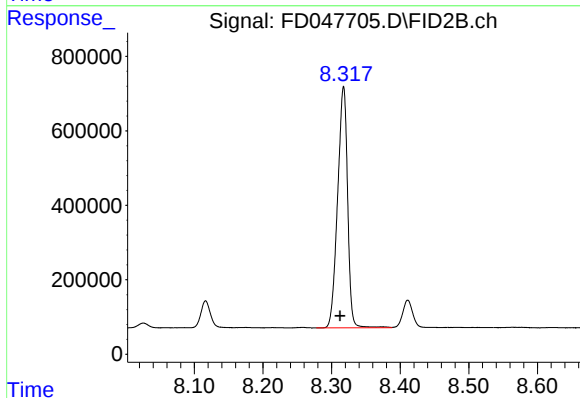
#5 Acenaphthylene (C15.06)

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 694910
Conc: 4.26 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

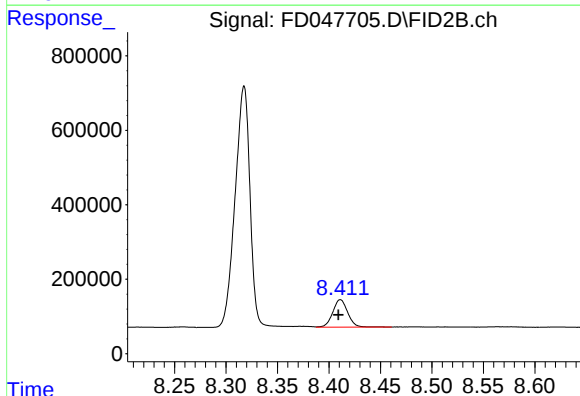
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



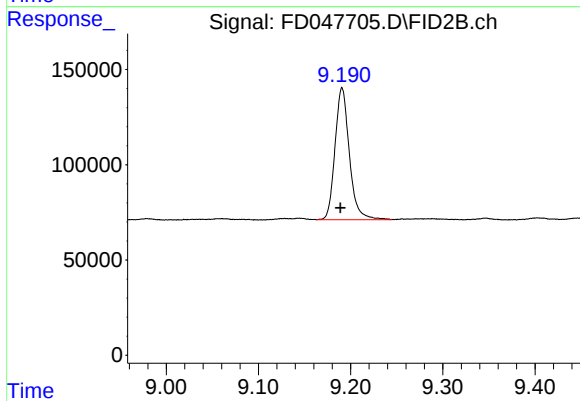
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.005 min
Response: 6551892
Conc: 62.64 ug/ml



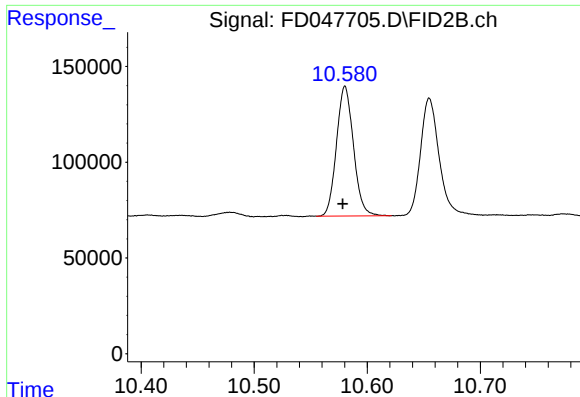
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 740750
Conc: 4.41 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 750504
Conc: 4.51 ug/ml m



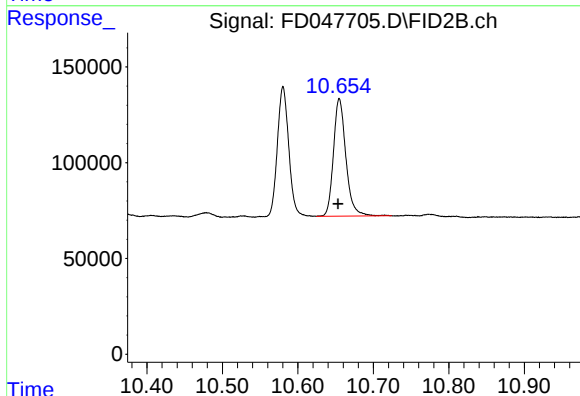
#9 Phenanthrene (C19.36)

R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 708625
Conc: 4.33 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

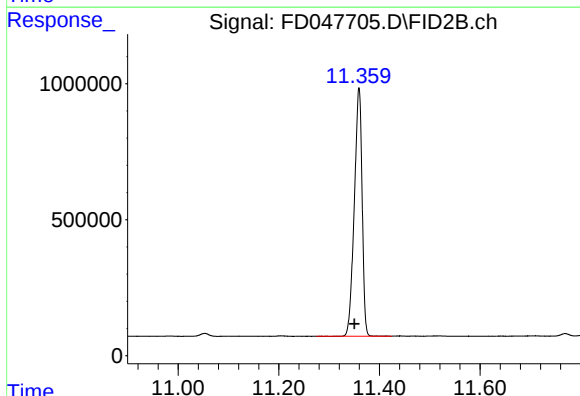
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



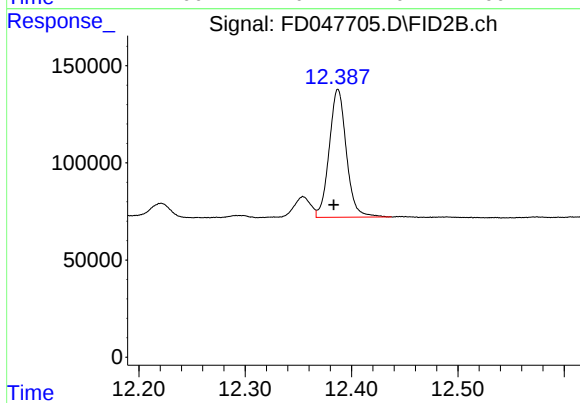
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.002 min
Response: 701061
Conc: 4.68 ug/ml



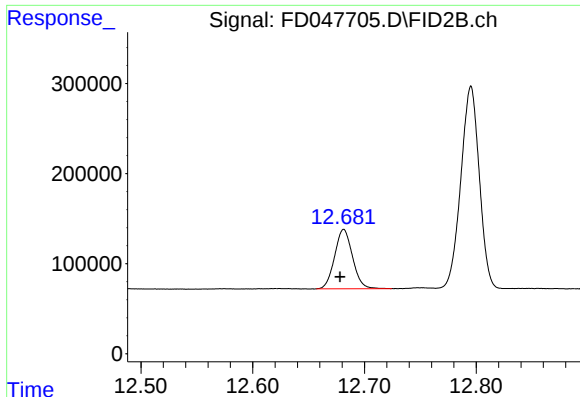
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.009 min
Response: 9823580
Conc: 52.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.004 min
Response: 736932
Conc: 4.44 ug/ml



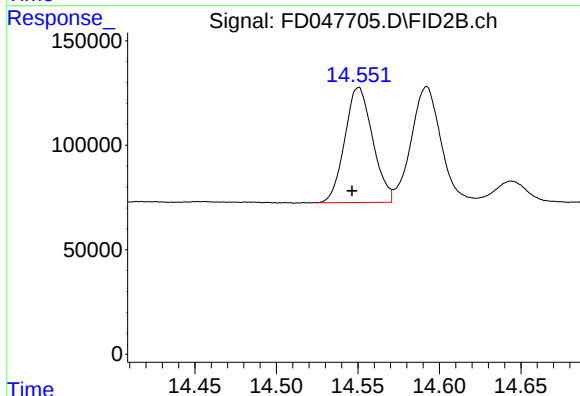
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.003 min
Response: 733668
Conc: 4.51 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

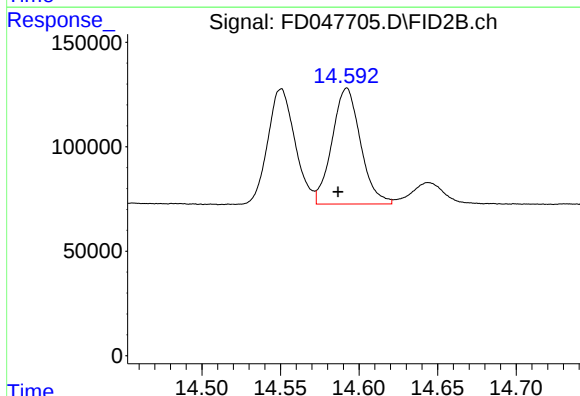
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



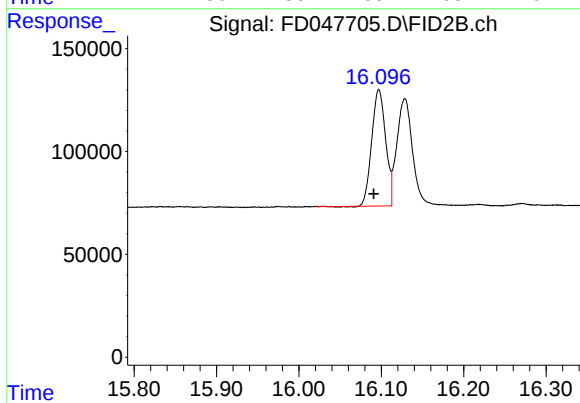
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.004 min
Response: 656013
Conc: 4.49 ug/ml m



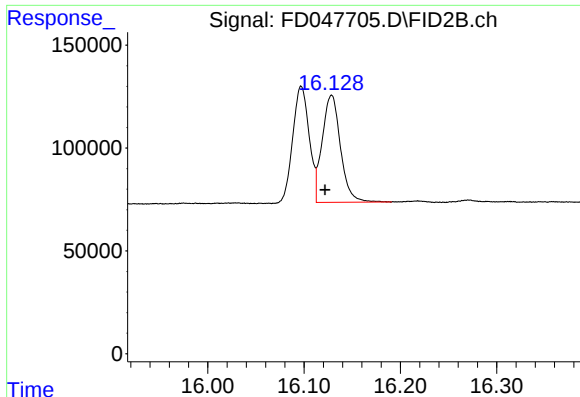
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 698341
Conc: 4.43 ug/ml m



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

R.T.: 16.097 min
Delta R.T.: 0.006 min
Response: 661712
Conc: 4.43 ug/ml



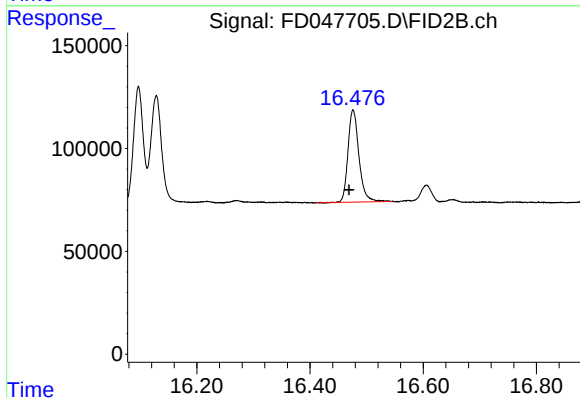
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.128 min
Delta R.T.: 0.007 min
Response: 690326
Conc: 4.59 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

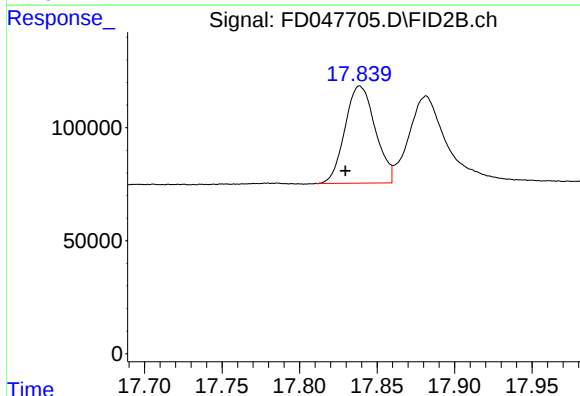
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



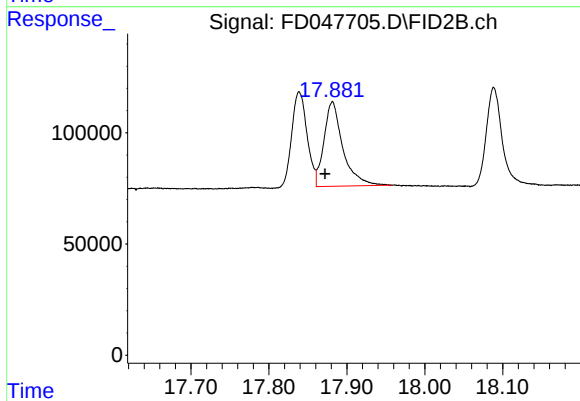
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.007 min
Response: 600407
Conc: 4.16 ug/ml



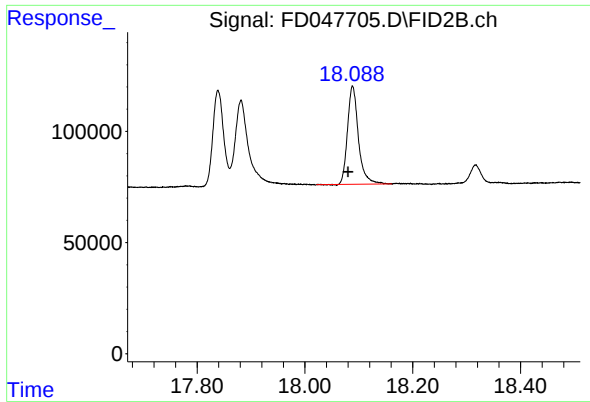
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.009 min
Response: 585494
Conc: 4.31 ug/ml m



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

R.T.: 17.881 min
Delta R.T.: 0.009 min
Response: 642820
Conc: 4.49 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.009 min
Response: 619631
Conc: 4.51 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024