

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050656.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 02:26
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 05:37:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.291	3867011	32.690 ug/ml
Spiked Amount 50.000		Recovery =	65.38%
Target Compounds			
1) T n-Nonane (C9)	3.251	192963	1.366 ug/ml
2) T n-Decane (C10)	4.499	239115	1.667 ug/ml
4) T n-Dodecane (C12)	6.665	359754	2.499 ug/ml
6) T n-Tetradecane (C14)	8.491	340695	2.381 ug/ml
7) T n-Hexadecane (C16)	10.096	294162	1.999 ug/mlm
8) T n-Octadecane (C18)	11.537	322440	2.159 ug/ml
10) T n-Eicosane (C20)	12.844	343412	2.395 ug/ml
11) T n-Heneicosane (C21)	13.455	307554	2.190 ug/ml
13) T n-Docosane (C22)	14.041	336316	2.397 ug/ml
14) T n-Tetracosane (C24)	15.140	356356	2.522 ug/mlm
15) T n-Hexacosane (C26)	16.161	376808	2.678 ug/mlm
16) T n-Octacosane (C28)	17.109	432061	2.953 ug/ml
17) T n-Tricontane (C30)	17.995	539848	3.395 ug/mlm
18) T n-Dotriacontane (C32)	18.826	602259	3.715 ug/ml
19) T n-Tetratriacontane (C34)	19.610	549723	3.742 ug/ml
20) T n-Hexatriacontane (C36)	20.348	456556	3.600 ug/ml
21) T n-Octatriacontane (C38)	21.073	405936	3.283 ug/ml
22) T n-Tetracontane (C40)	21.956	359367	3.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
Data File : FE050656.D
Signal(s) : FID1B.ch
Acq On : 15 Oct 2024 02:26
Operator : YP\AJ
Sample : P4368-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 13 Sample Multiplier: 1

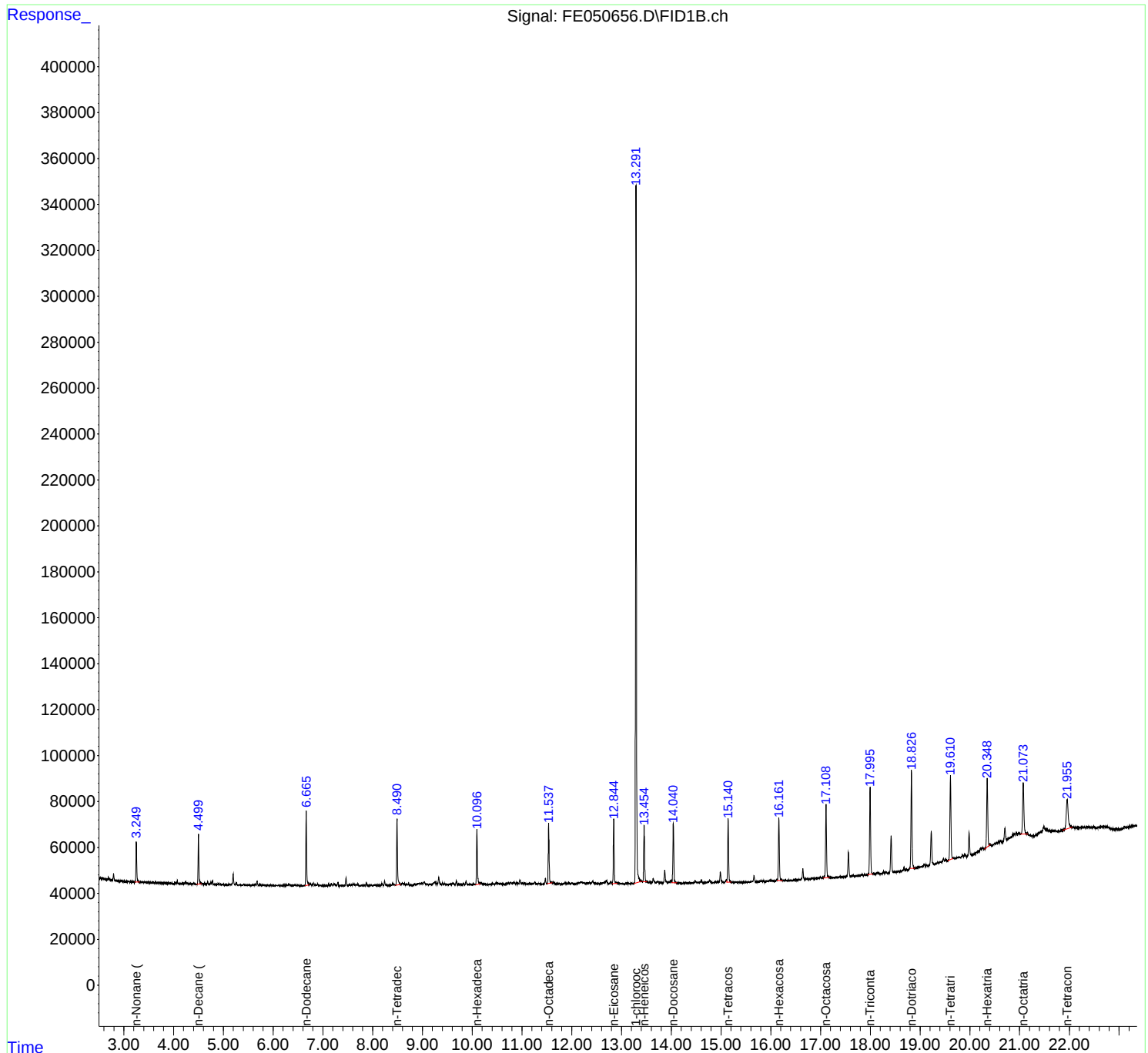
Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

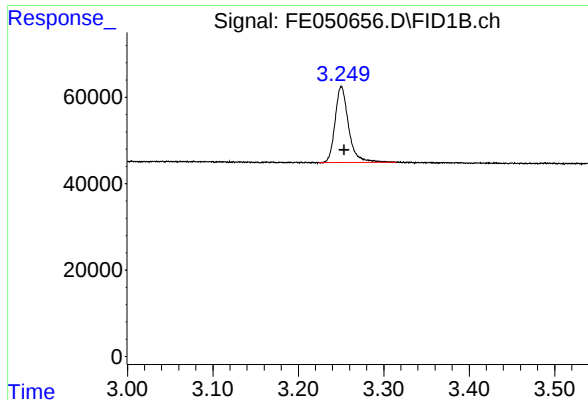
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
Quant Time: Oct 15 05:37:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





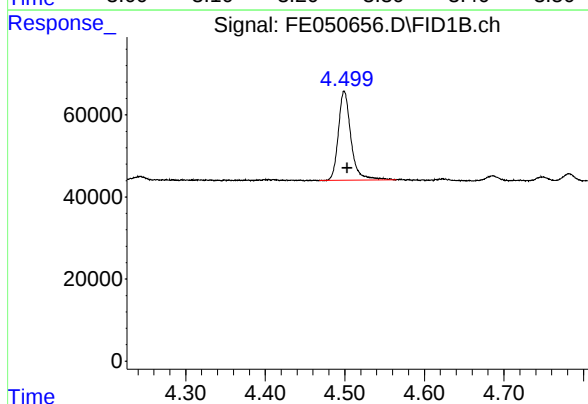
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 192963
Conc: 1.37 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

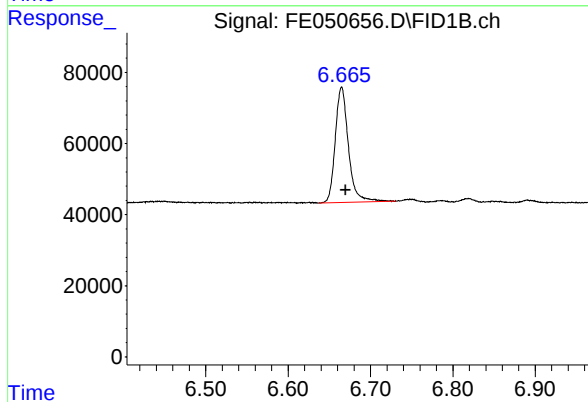
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



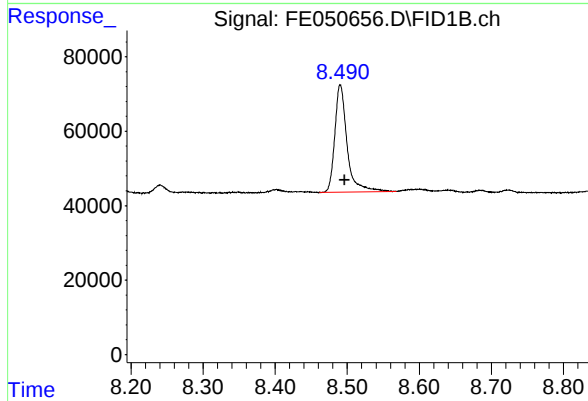
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 239115
Conc: 1.67 ug/ml



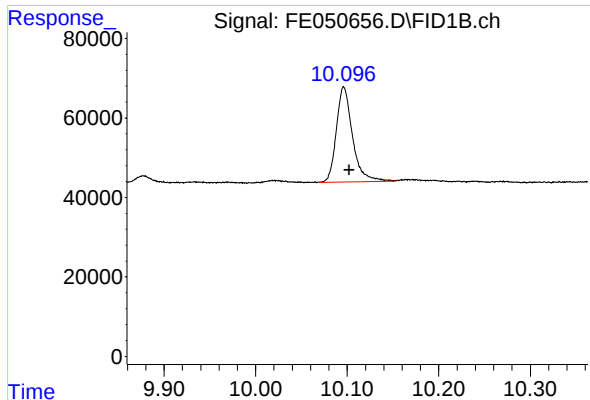
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 359754
Conc: 2.50 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.006 min
Response: 340695
Conc: 2.38 ug/ml



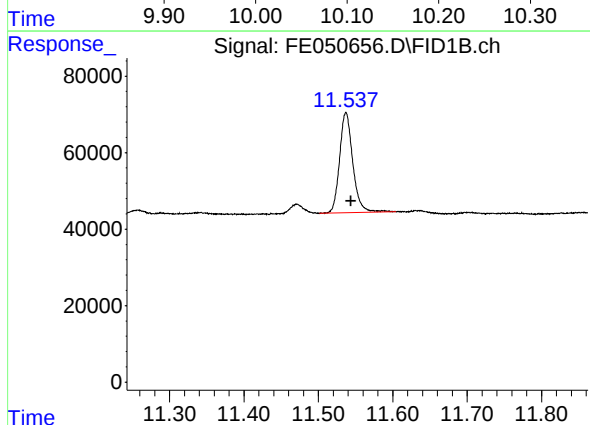
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.007 min
Response: 294162
Conc: 2.00 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

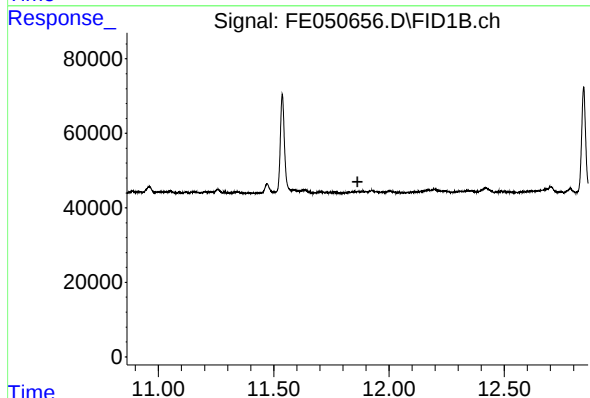
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



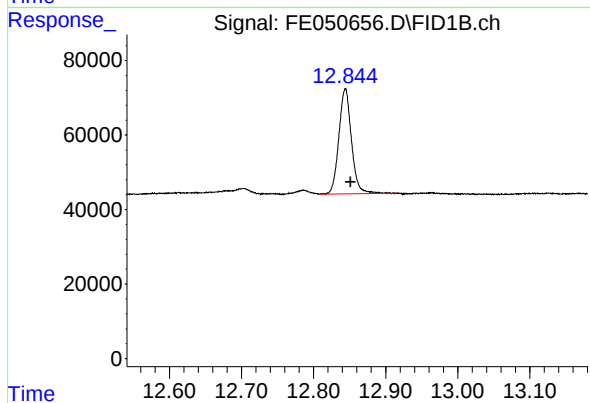
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 322440
Conc: 2.16 ug/ml



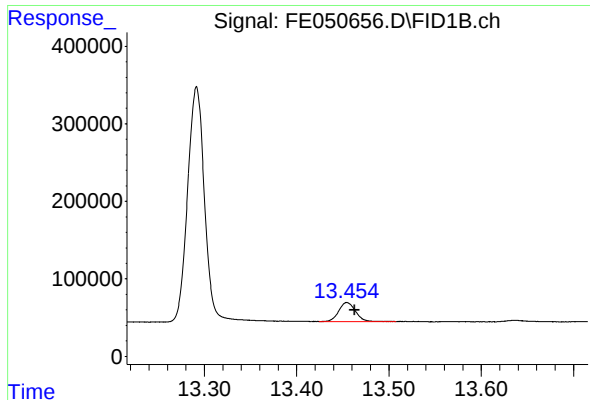
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.863 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.008 min
Response: 343412
Conc: 2.39 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.008 min
Response: 307554
Conc: 2.19 ug/ml

Instrument :

FID_E

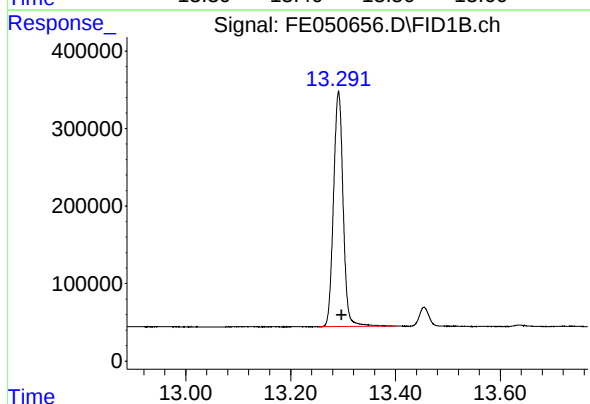
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

Manual Integrations

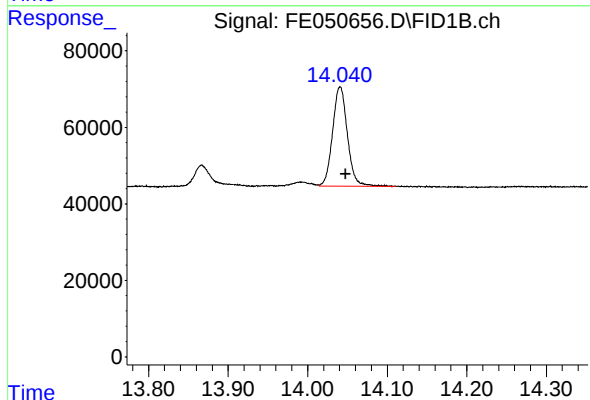
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



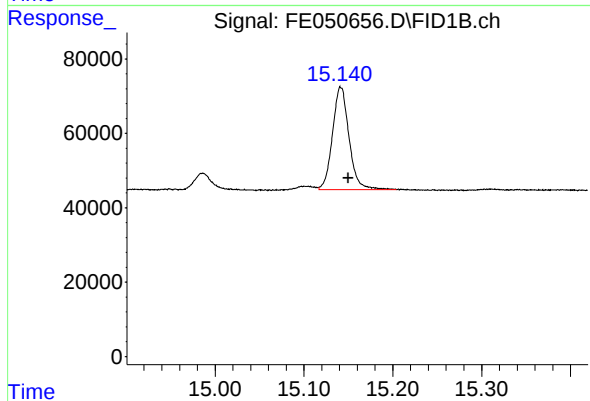
#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: -0.006 min
Response: 3867011
Conc: 32.69 ug/ml



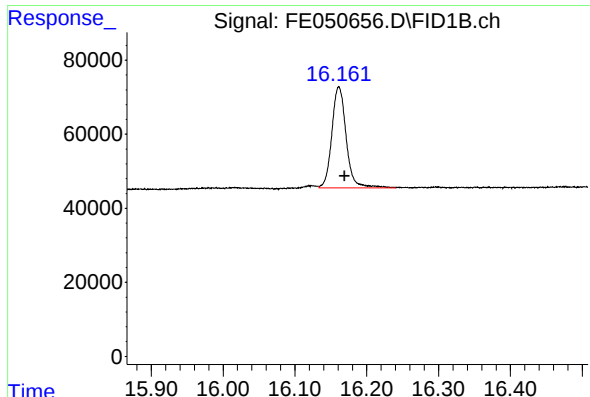
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.007 min
Response: 336316
Conc: 2.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 356356
Conc: 2.52 ug/ml m



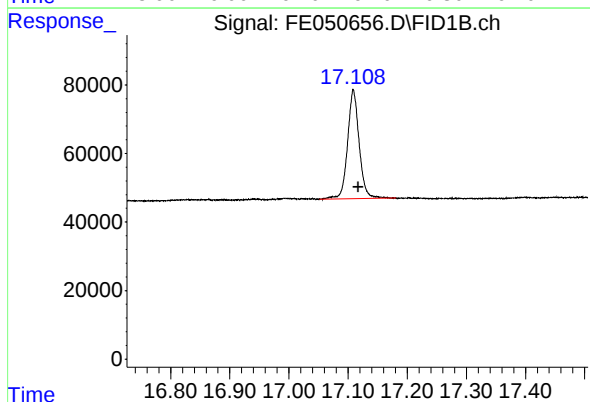
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 376808
Conc: 2.68 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

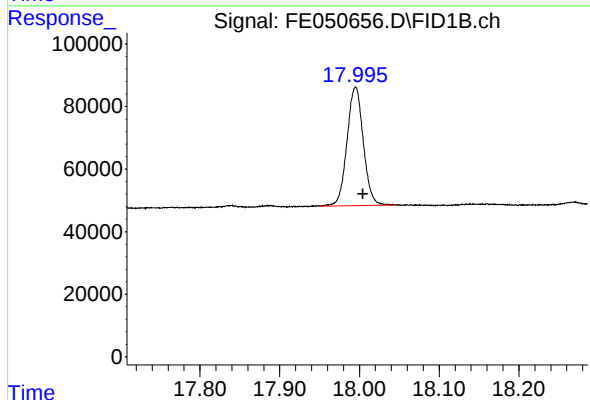
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



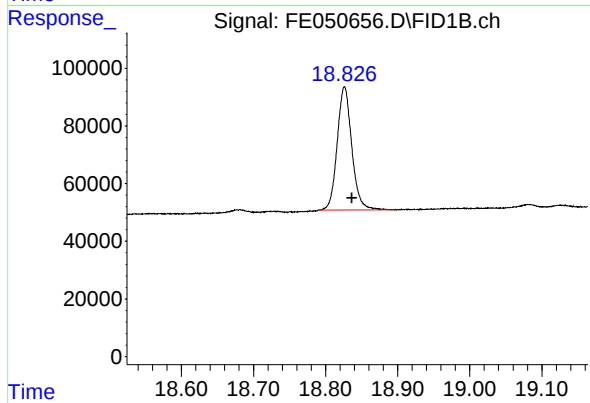
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.008 min
Response: 432061
Conc: 2.95 ug/ml



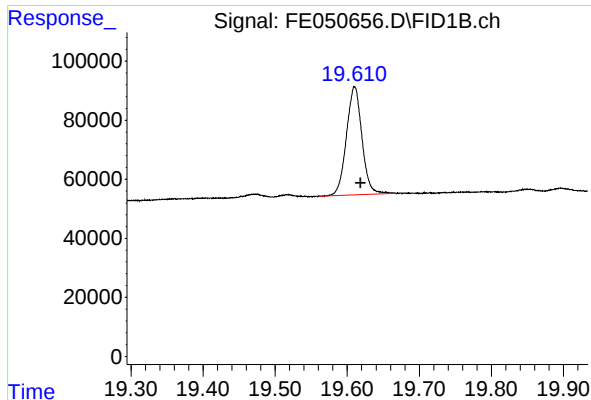
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.010 min
Response: 539848
Conc: 3.40 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.010 min
Response: 602259
Conc: 3.72 ug/ml



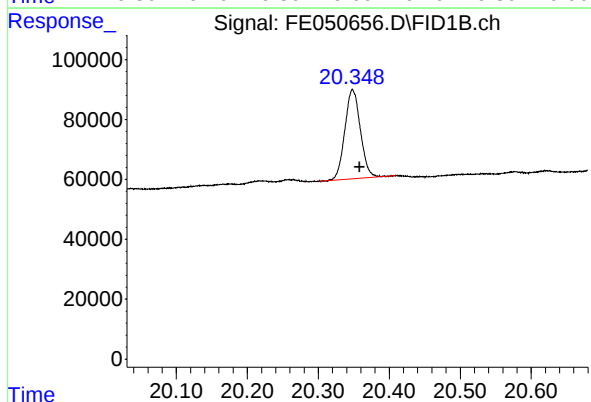
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.008 min
Response: 549723
Conc: 3.74 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

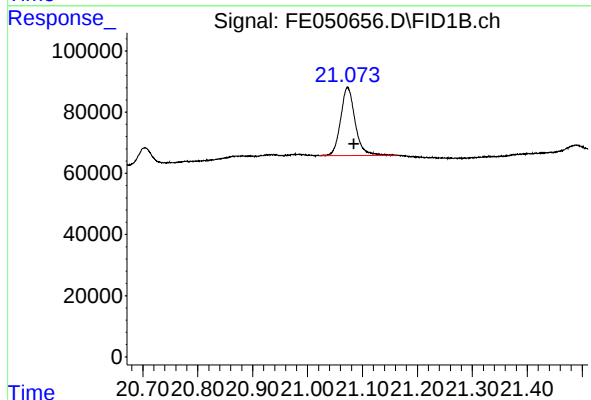
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



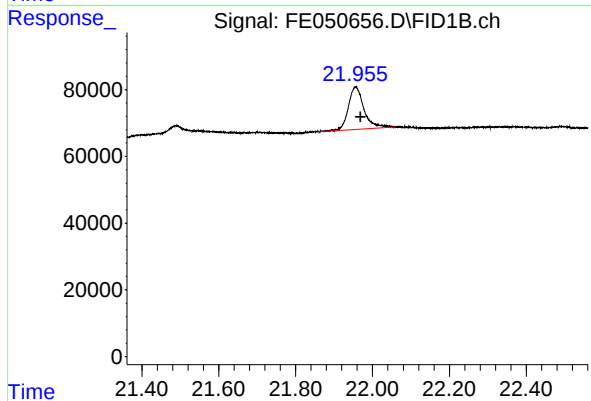
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.010 min
Response: 456556
Conc: 3.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 405936
Conc: 3.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.013 min
Response: 359367
Conc: 3.23 ug/ml