

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050658.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 03:26
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 15 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 05:37:47 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	3320215	28.068 ug/ml
Spiked Amount 50.000		Recovery =	56.14%
Target Compounds			
1) T n-Nonane (C9)	3.250	347548	2.460 ug/ml
2) T n-Decane (C10)	4.499	424510	2.959 ug/ml
4) T n-Dodecane (C12)	6.664	522364	3.629 ug/ml
6) T n-Tetradecane (C14)	8.489	519593	3.632 ug/mlm
7) T n-Hexadecane (C16)	10.096	492541	3.347 ug/mlm
8) T n-Octadecane (C18)	11.536	511351	3.423 ug/ml
10) T n-Eicosane (C20)	12.843	531717	3.708 ug/ml
11) T n-Heneicosane (C21)	13.454	506412	3.606 ug/ml
13) T n-Docosane (C22)	14.040	505899	3.606 ug/ml
14) T n-Tetracosane (C24)	15.141	496025	3.511 ug/mlm
15) T n-Hexacosane (C26)	16.161	516092	3.668 ug/ml
16) T n-Octacosane (C28)	17.109	532774	3.641 ug/ml
17) T n-Tricontane (C30)	17.995	578410	3.638 ug/ml
18) T n-Dotriacontane (C32)	18.826	616367	3.802 ug/ml
19) T n-Tetratriacontane (C34)	19.609	601507	4.095 ug/ml
20) T n-Hexatriacontane (C36)	20.348	565041	4.456 ug/ml
21) T n-Octatriacontane (C38)	21.073	570071	4.610 ug/ml
22) T n-Tetracontane (C40)	21.955	504227	4.528 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
Data File : FE050658.D
Signal(s) : FID1B.ch
Acq On : 15 Oct 2024 03:26
Operator : YP\AJ
Sample : P4368-01
Misc : 4 PPM SOIL LOD
ALS Vial : 15 Sample Multiplier: 1

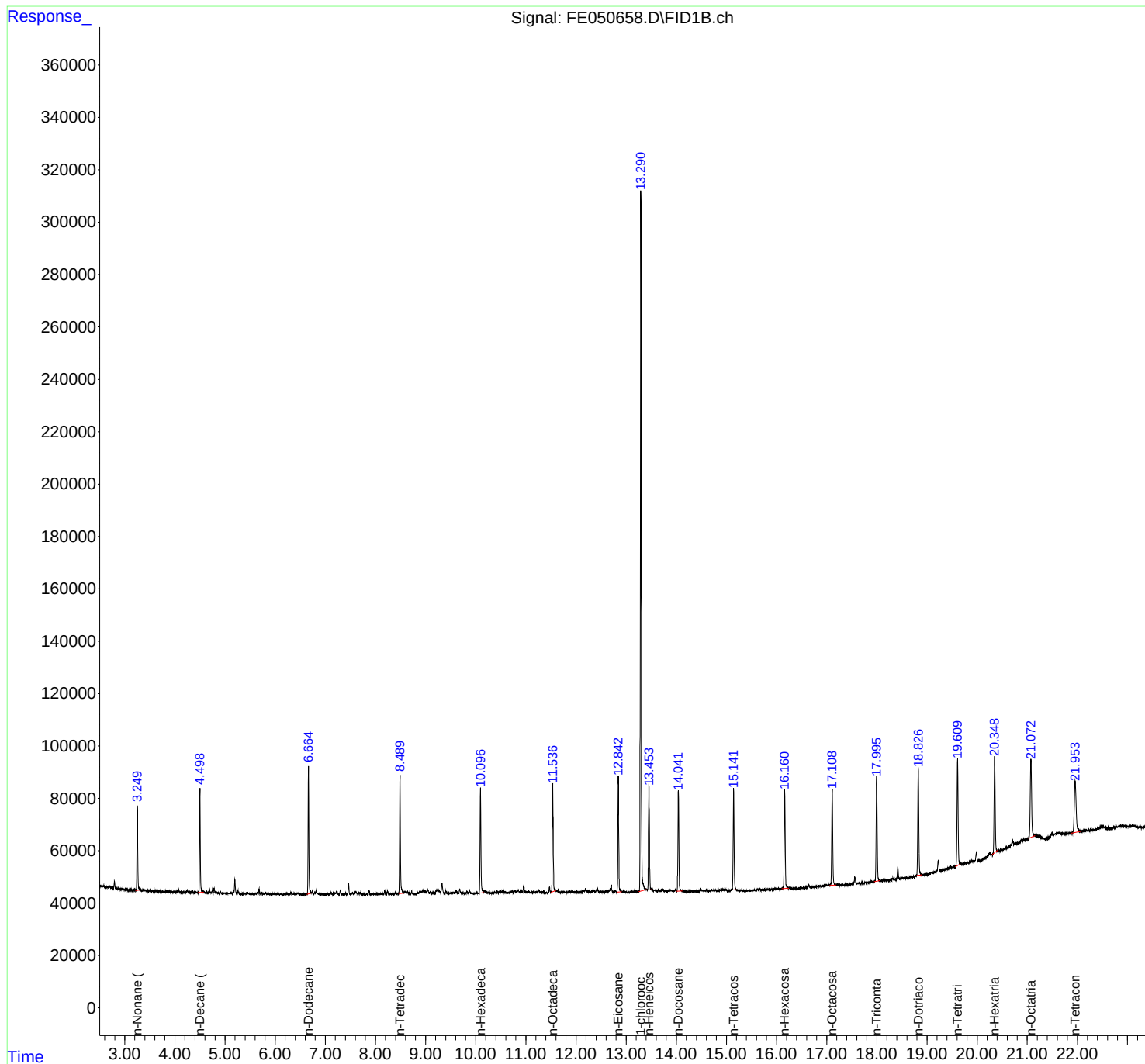
Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

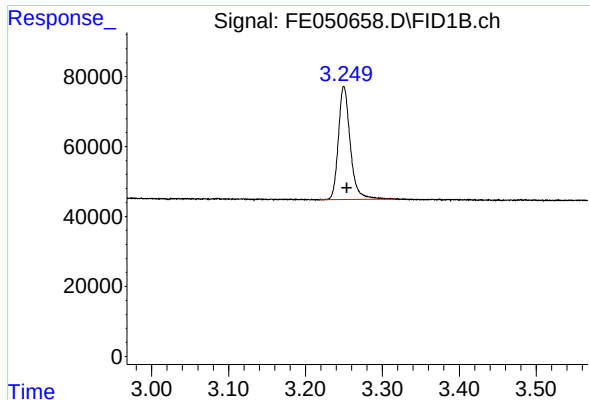
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Oct 15 05:37:47 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





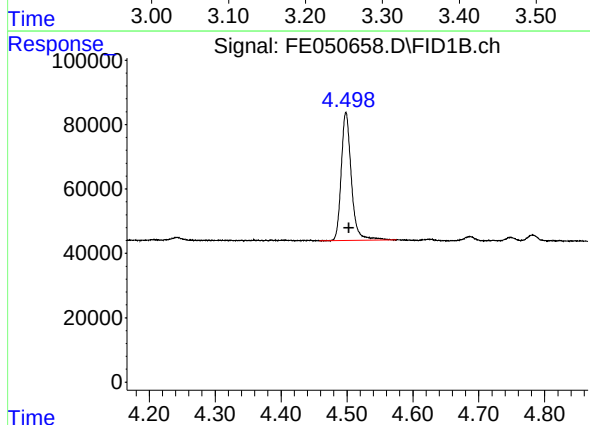
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 347548
Conc: 2.46 ug/ml

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

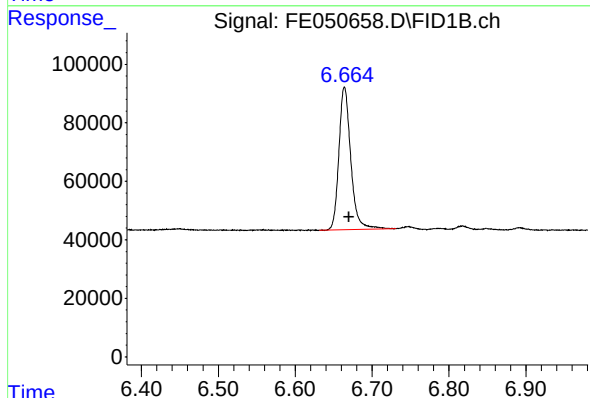
Manual Integrations
APPROVED

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



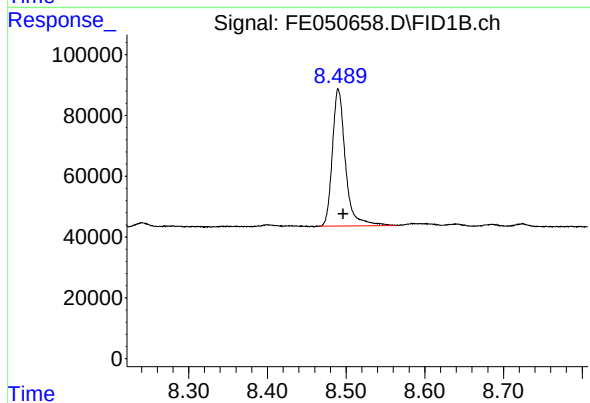
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 424510
Conc: 2.96 ug/ml



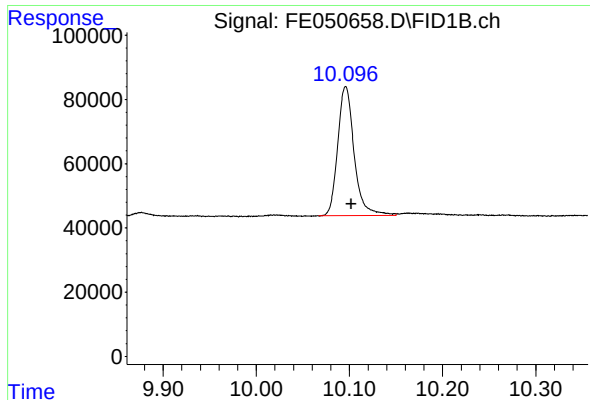
#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 522364
Conc: 3.63 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.007 min
Response: 519593
Conc: 3.63 ug/ml m



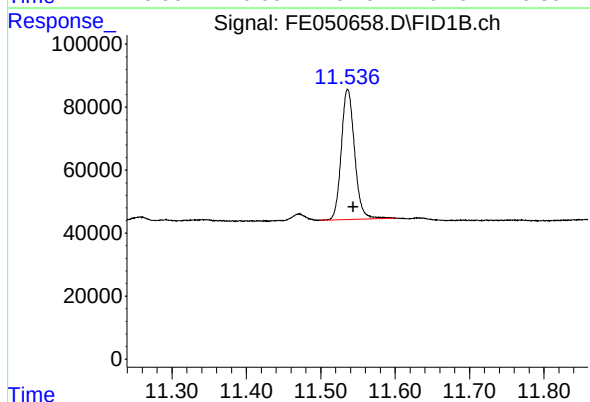
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.006 min
Response: 492541
Conc: 3.35 ug/ml

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

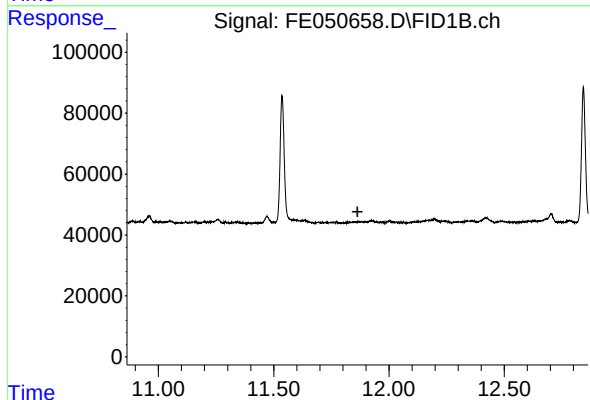
Manual Integrations
APPROVED

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



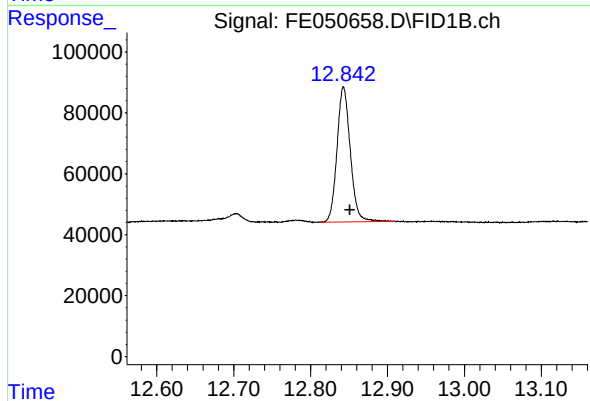
#8 n-Octadecane (C18)

R.T.: 11.536 min
Delta R.T.: -0.007 min
Response: 511351
Conc: 3.42 ug/ml



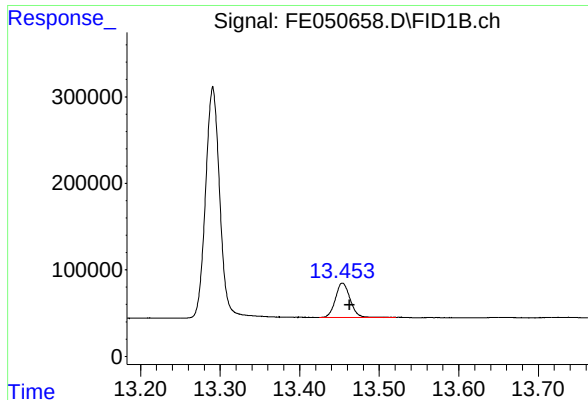
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 531717
Conc: 3.71 ug/ml



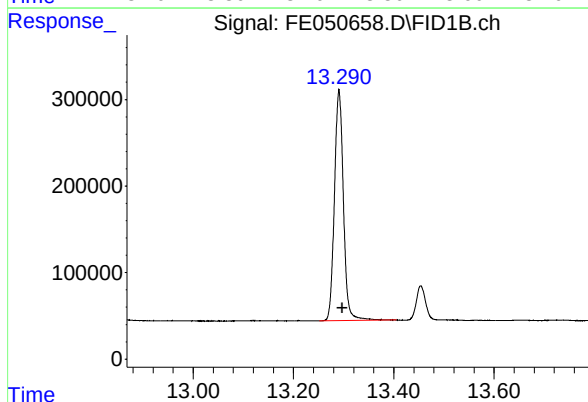
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 506412
Conc: 3.61 ug/ml

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

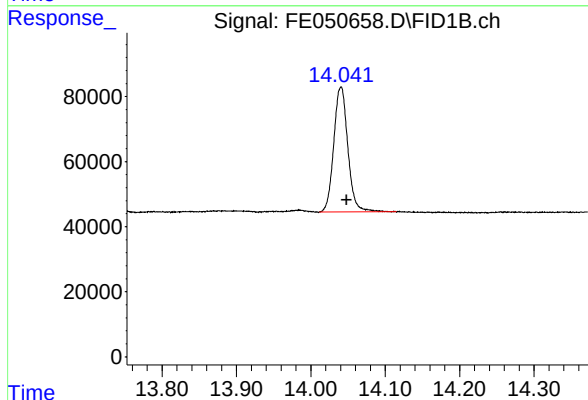
Manual Integrations
APPROVED

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



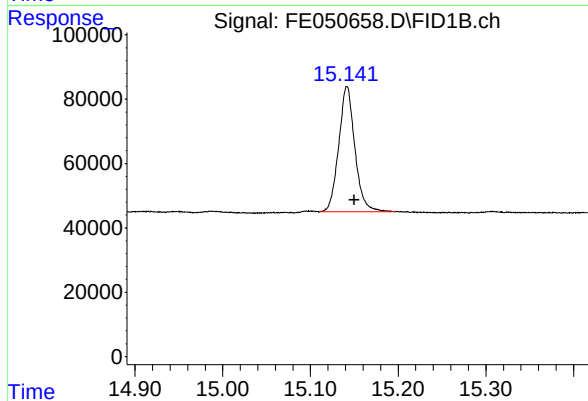
#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: -0.007 min
Response: 3320215
Conc: 28.07 ug/ml



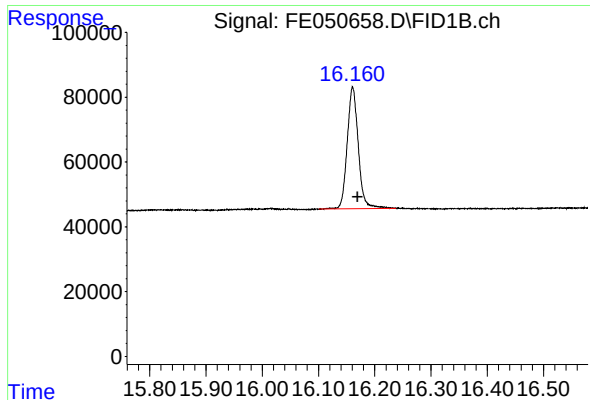
#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.008 min
Response: 505899
Conc: 3.61 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.009 min
Response: 496025
Conc: 3.51 ug/ml m



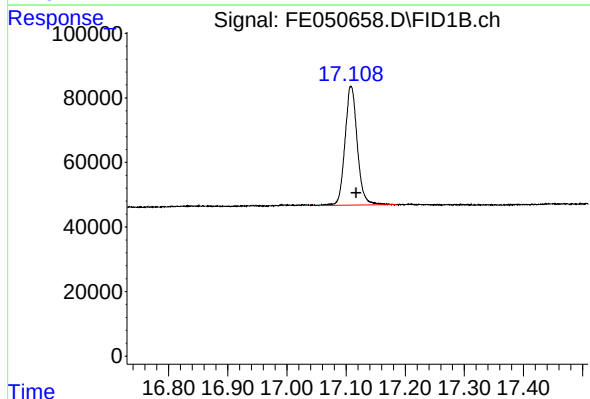
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 516092
Conc: 3.67 ug/ml

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

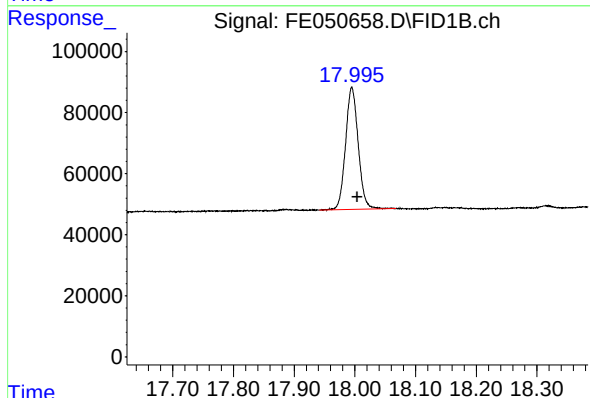
Manual Integrations
APPROVED

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



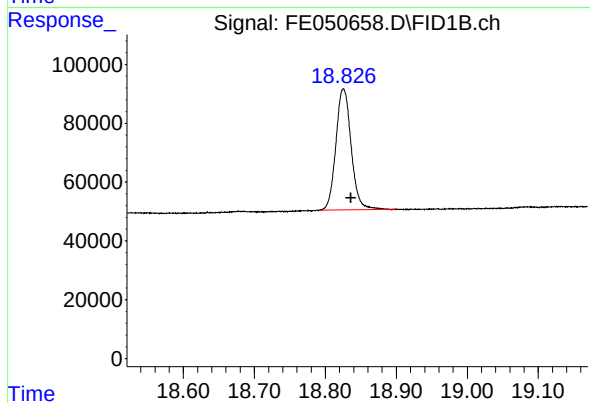
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.009 min
Response: 532774
Conc: 3.64 ug/ml



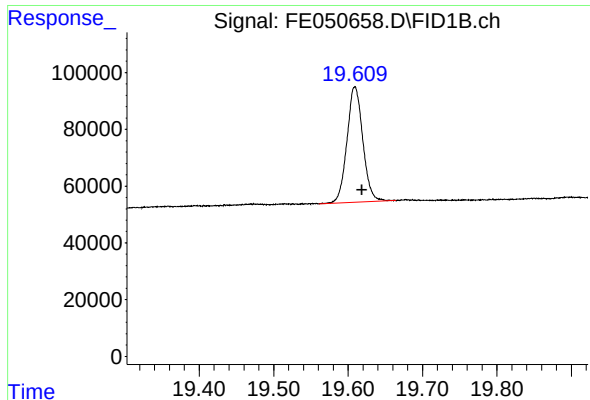
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.009 min
Response: 578410
Conc: 3.64 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.011 min
Response: 616367
Conc: 3.80 ug/ml



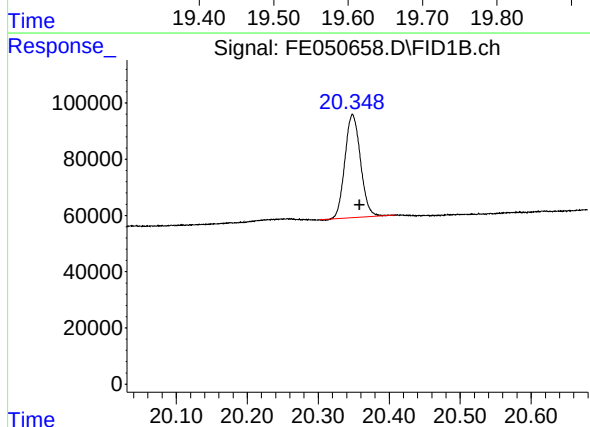
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.009 min
Response: 601507
Conc: 4.09 ug/ml

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

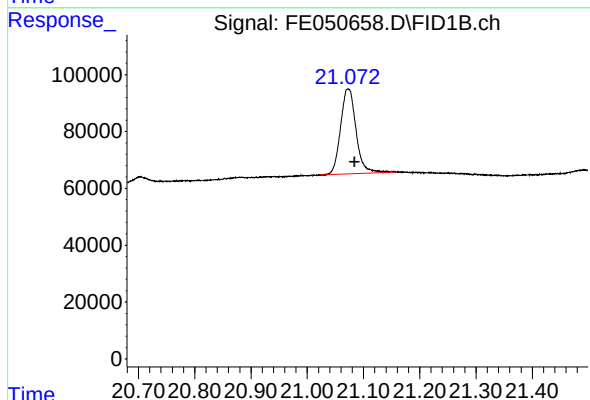
Manual Integrations
APPROVED

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



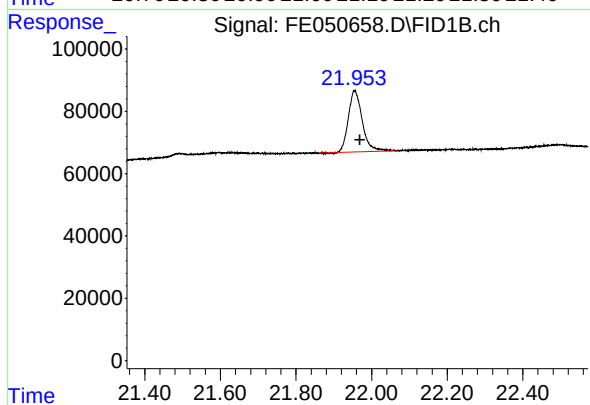
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.010 min
Response: 565041
Conc: 4.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 570071
Conc: 4.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 504227
Conc: 4.53 ug/ml