

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066379.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 16:28
 Operator : YP/AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 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 00:54:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	13.001	5556849	45.303 ug/ml
Spiked Amount 50.000		Recovery =	90.61%
Target Compounds			
1) T n-Nonane (C9)	3.314	345367	2.287 ug/mlm
2) T n-Decane (C10)	4.382	432231	2.811 ug/ml
4) T n-Dodecane (C12)	6.403	594367	3.868 ug/ml
6) T n-Tetradecane (C14)	8.199	529236	3.497 ug/mlm
7) T n-Hexadecane (C16)	9.800	517313	3.383 ug/mlm
8) T n-Octadecane (C18)	11.243	546832	3.603 ug/ml
10) T n-Eicosane (C20)	12.553	541898	3.767 ug/mlm
11) T n-Heneicosane (C21)	13.165	520641	3.704 ug/ml
13) T n-Docosane (C22)	13.751	542074	3.872 ug/ml
14) T n-Tetracosane (C24)	14.856	537415	3.817 ug/mlm
15) T n-Hexacosane (C26)	15.877	512848	3.749 ug/mlm
16) T n-Octacosane (C28)	16.825	501149	3.742 ug/mlm
17) T n-Tricontane (C30)	17.715	503993	3.740 ug/ml
18) T n-Dotriacontane (C32)	18.548	514659	3.997 ug/ml
19) T n-Tetratriacontane (C34)	19.332	480587	4.062 ug/ml
20) T n-Hexatriacontane (C36)	20.073	449587	3.911 ug/mlm
21) T n-Octatriacontane (C38)	20.808	440688	4.094 ug/mlm
22) T n-Tetracontane (C40)	21.717	453232	4.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
Data File : FC066379.D
Signal(s) : FID1A.ch
Acq On : 10 May 2024 16:28
Operator : YP/AJ
Sample : P2403-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

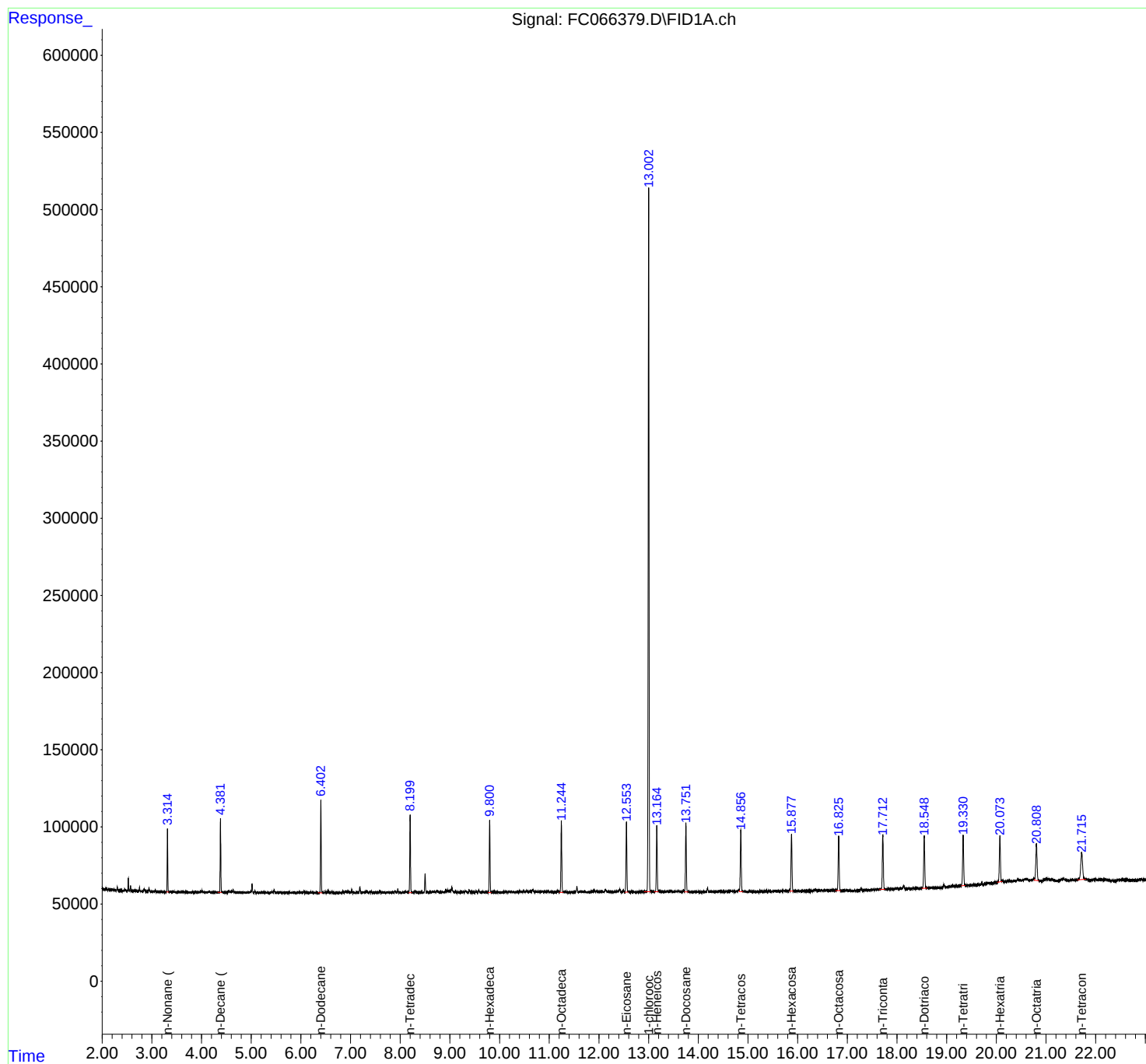
Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

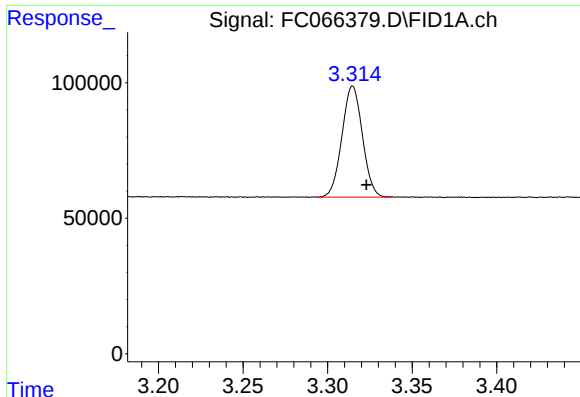
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: May 11 00:54:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
Quant Title : GC Extractables
QLast Update : Thu May 02 09:03:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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





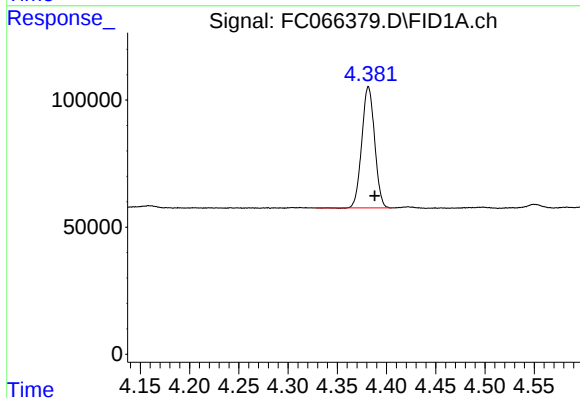
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 345367
Conc: 2.29 ug/ml

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

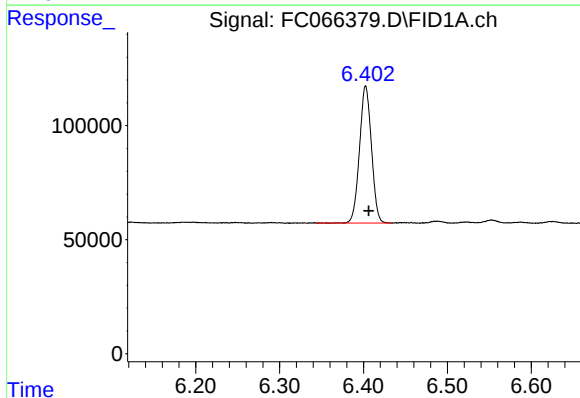
Manual Integrations
APPROVED

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



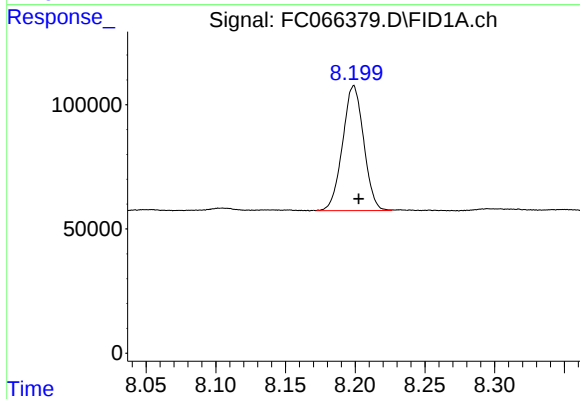
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 432231
Conc: 2.81 ug/ml



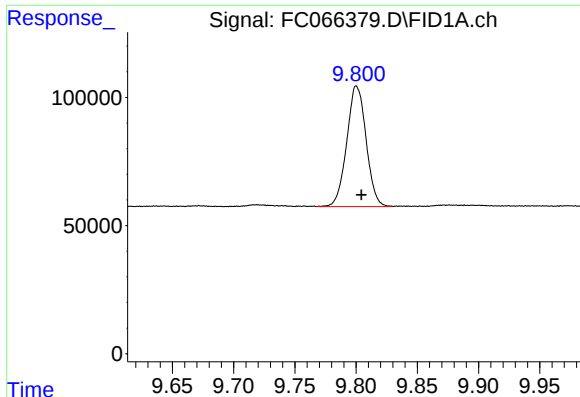
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 594367
Conc: 3.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.004 min
Response: 529236
Conc: 3.50 ug/ml m



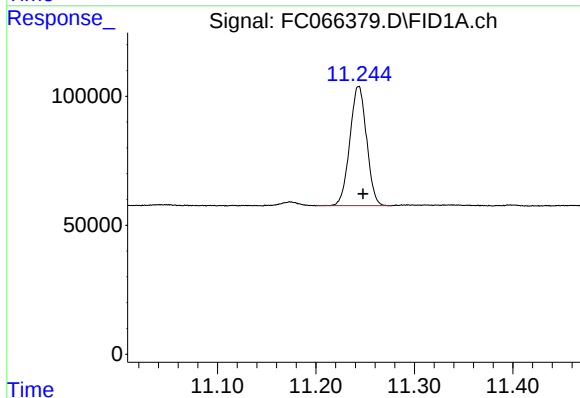
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.004 min
Response: 517313
Conc: 3.38 ug/ml

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

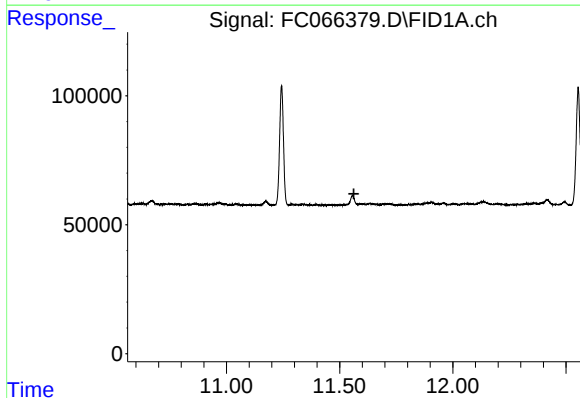
Manual Integrations
APPROVED

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



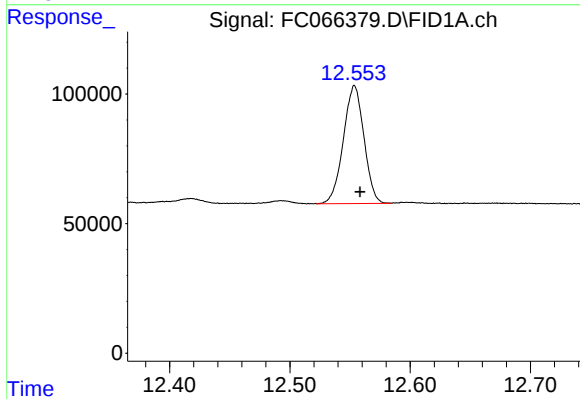
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.005 min
Response: 546832
Conc: 3.60 ug/ml



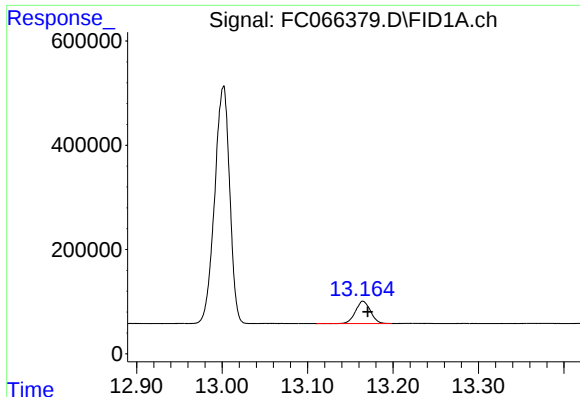
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.005 min
Response: 541898
Conc: 3.77 ug/ml m



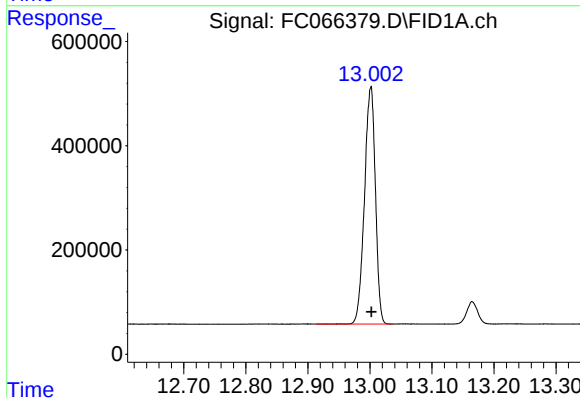
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.005 min
Response: 520641
Conc: 3.70 ug/ml

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

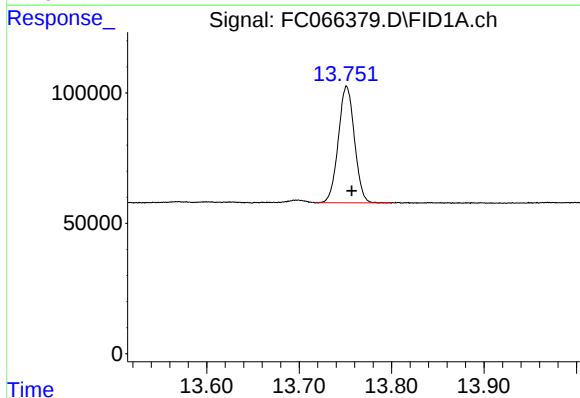
Manual Integrations
APPROVED

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



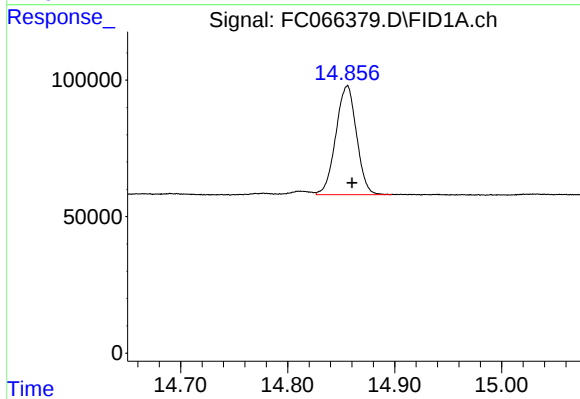
#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: -0.001 min
Response: 5556849
Conc: 45.30 ug/ml



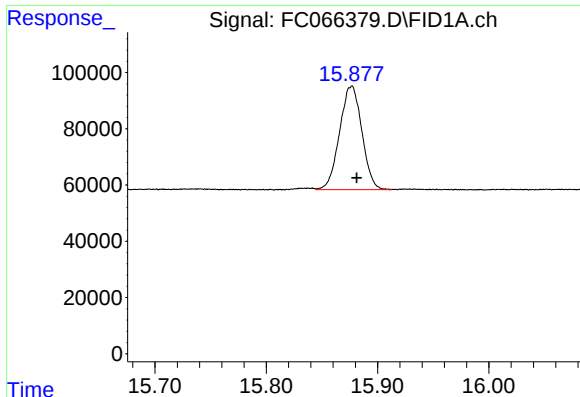
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.005 min
Response: 542074
Conc: 3.87 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.004 min
Response: 537415
Conc: 3.82 ug/ml m



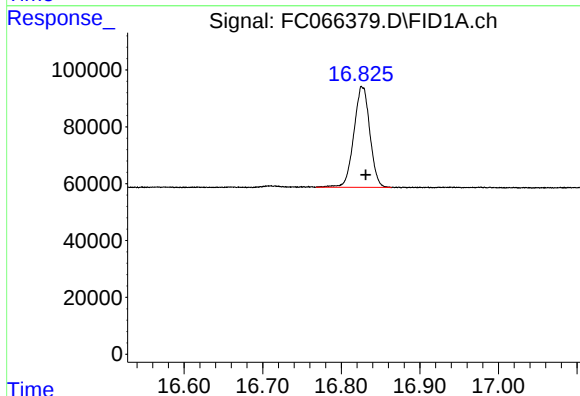
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.004 min
Response: 512848
Conc: 3.75 ug/ml

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

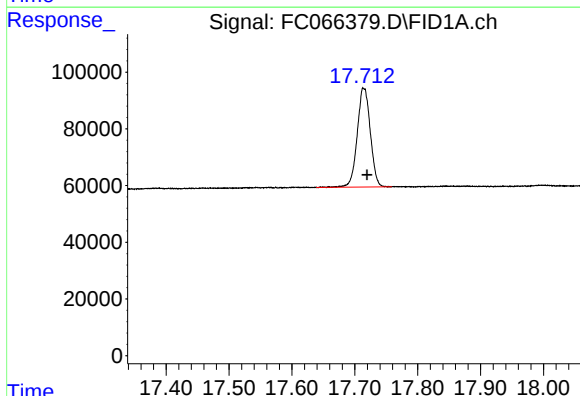
Manual Integrations
APPROVED

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



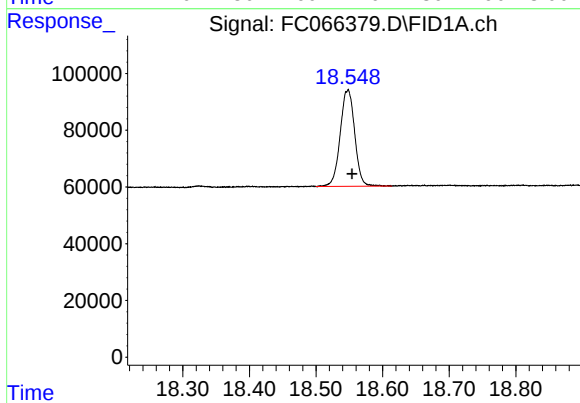
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.006 min
Response: 501149
Conc: 3.74 ug/ml m



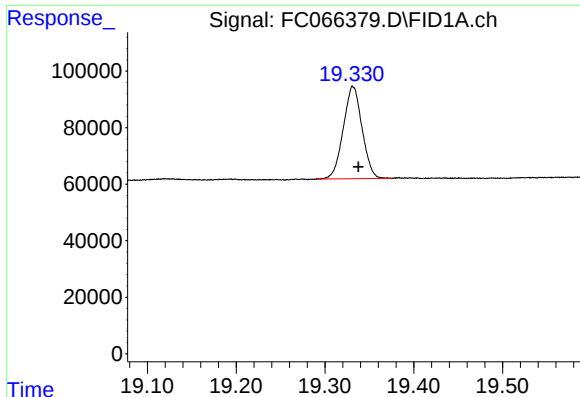
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.005 min
Response: 503993
Conc: 3.74 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.006 min
Response: 514659
Conc: 4.00 ug/ml



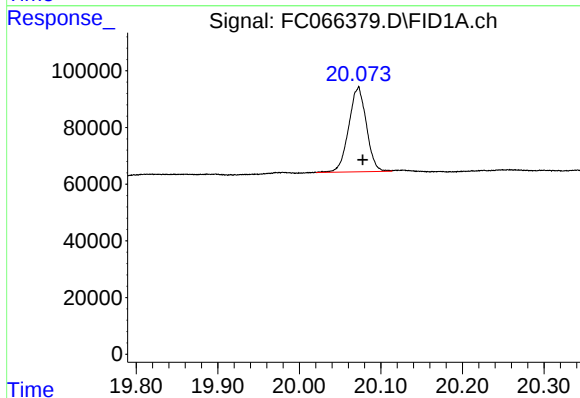
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: -0.006 min
Response: 480587
Conc: 4.06 ug/ml

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

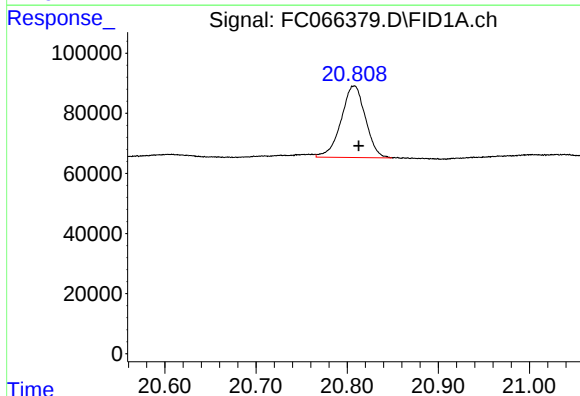
Manual Integrations
APPROVED

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



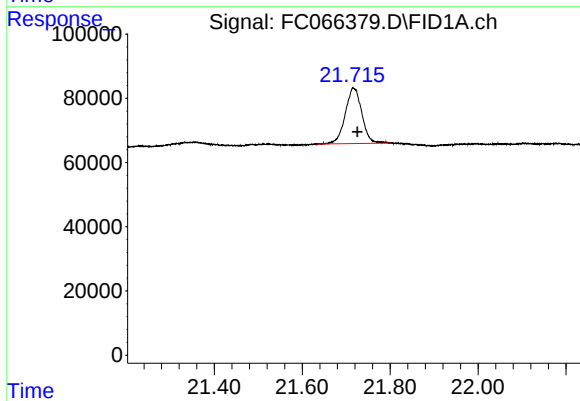
#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: -0.005 min
Response: 449587
Conc: 3.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.005 min
Response: 440688
Conc: 4.09 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.008 min
Response: 453232
Conc: 4.23 ug/ml