

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069770.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 15:12
 Operator : YP/AJ
 Sample : Q2893-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
 Quant Time: Aug 29 01:42:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 2025
 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...	13.097	4464520	46.659 ug/ml
Spiked Amount 50.000		Recovery =	93.32%
Target Compounds			
1) T n-Nonane (C9)	3.397	194714	1.553 ug/ml
2) T n-Decane (C10)	4.467	227686	1.787 ug/ml
4) T n-Dodecane (C12)	6.490	285252	2.226 ug/ml
6) T n-Tetradecane (C14)	8.288	306671	2.405 ug/mlm
7) T n-Hexadecane (C16)	9.893	281929	2.183 ug/ml
8) T n-Octadecane (C18)	11.337	295510	2.357 ug/ml
10) T n-Eicosane (C20)	12.647	284994	2.455 ug/ml
11) T n-Heneicosane (C21)	13.260	254937	2.280 ug/ml
13) T n-Docosane (C22)	13.848	260449	2.387 ug/ml
14) T n-Tetracosane (C24)	14.953	249904	2.383 ug/mlm
15) T n-Hexacosane (C26)	15.975	233559	2.331 ug/mlm
16) T n-Octacosane (C28)	16.927	228721	2.375 ug/ml
17) T n-Tricontane (C30)	17.816	229551	2.387 ug/ml
18) T n-Dotriacontane (C32)	18.649	232378	2.495 ug/ml
19) T n-Tetratriacontane (C34)	19.434	223054	2.585 ug/ml
20) T n-Hexatriacontane (C36)	20.177	200374	2.627 ug/ml
21) T n-Octatriacontane (C38)	20.940	182350	2.593 ug/ml
22) T n-Tetracontane (C40)	21.901	154087	2.320 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
Data File : FC069770.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 15:12
Operator : YP/AJ
Sample : Q2893-01
Misc : 2.5PPM SOIL LOD
ALS Vial : 16 Sample Multiplier: 1

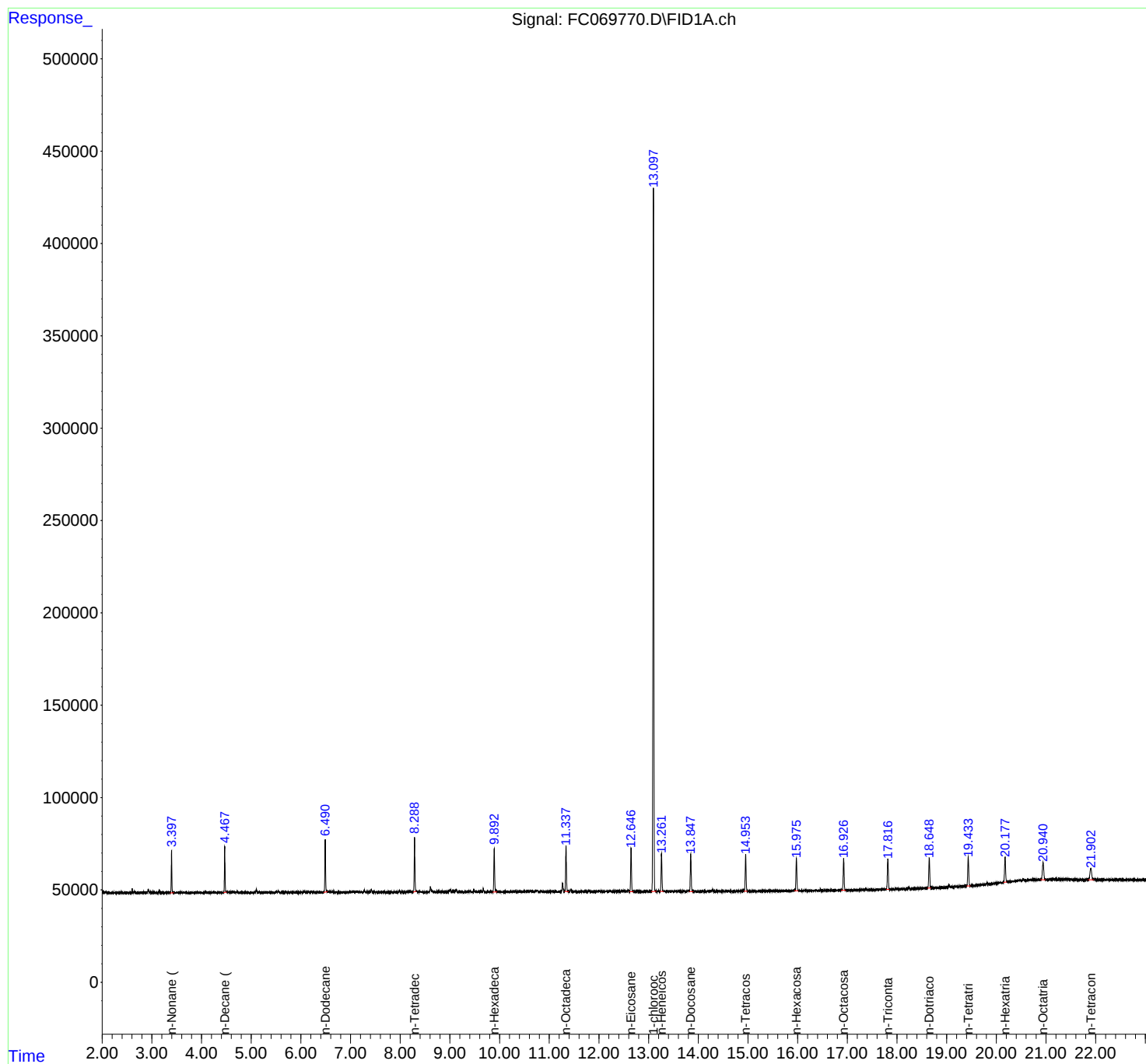
Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

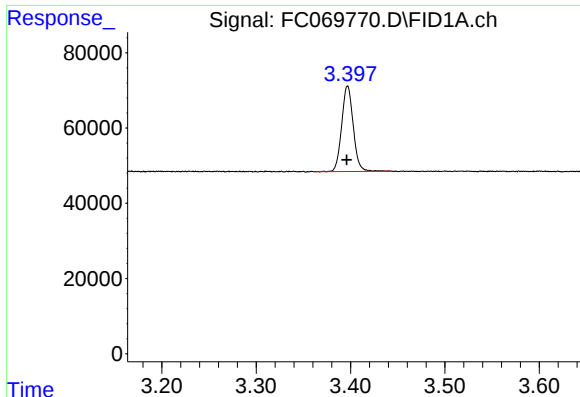
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
Quant Time: Aug 29 01:42:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
Quant Title : GC Extractables
QLast Update : Wed Aug 27 12:11:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





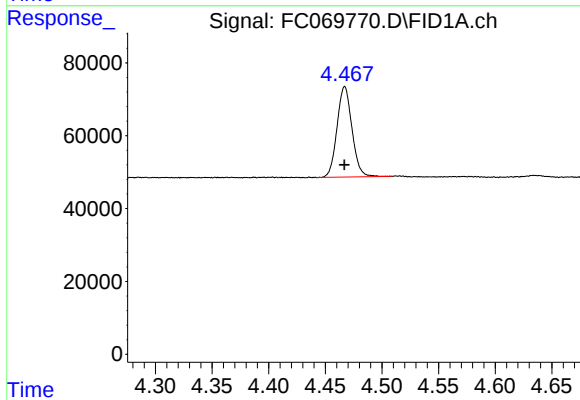
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 194714
Conc: 1.55 ug/ml

Instrument : FID_C
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

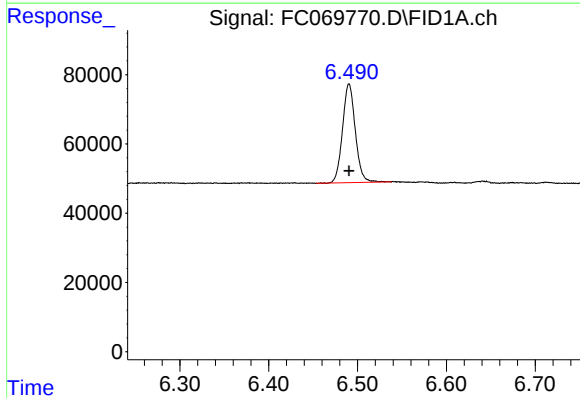
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



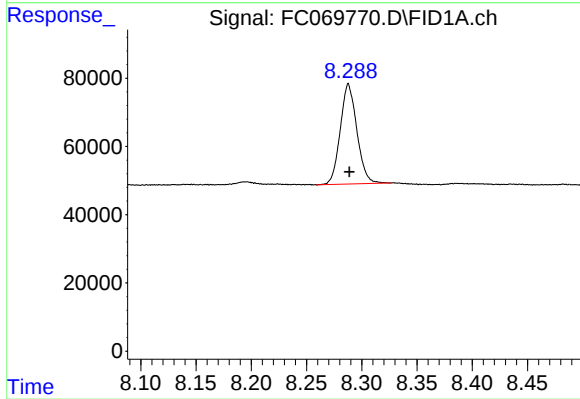
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 227686
Conc: 1.79 ug/ml



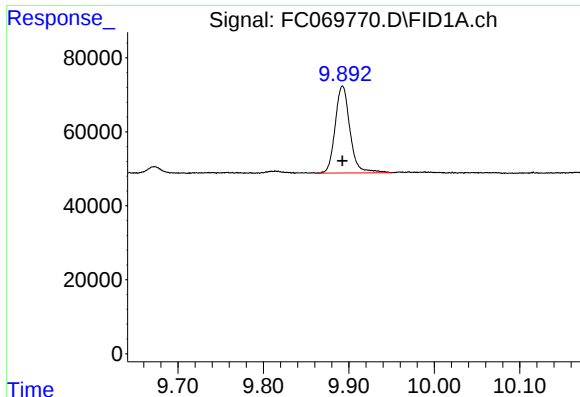
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 285252
Conc: 2.23 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: -0.001 min
Response: 306671
Conc: 2.40 ug/ml m



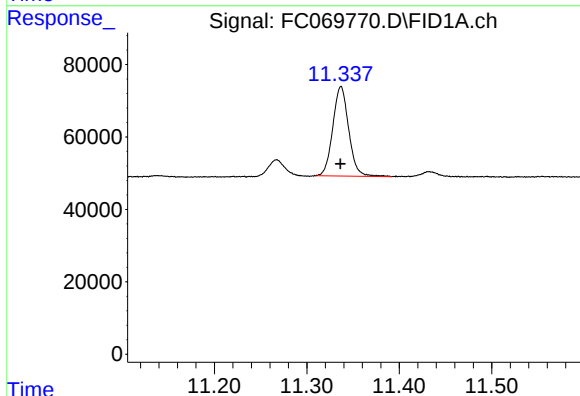
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 281929
Conc: 2.18 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

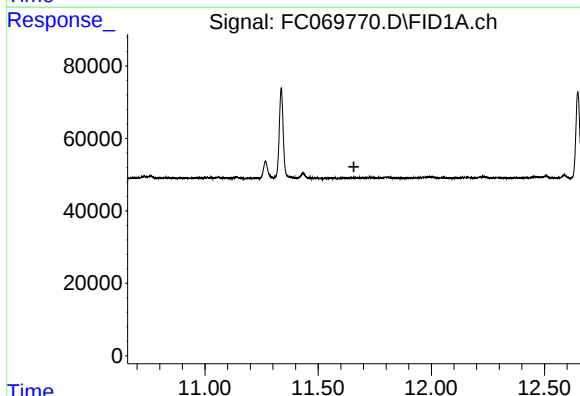
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



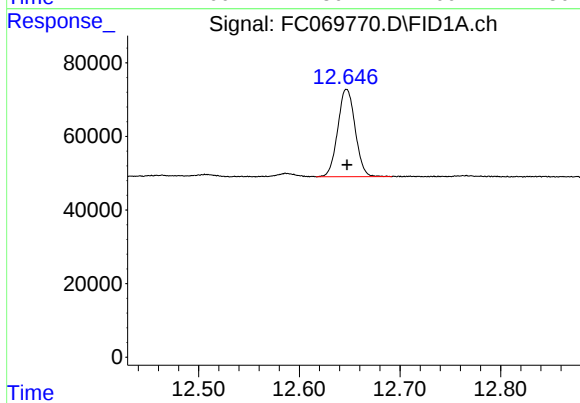
#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 295510
Conc: 2.36 ug/ml



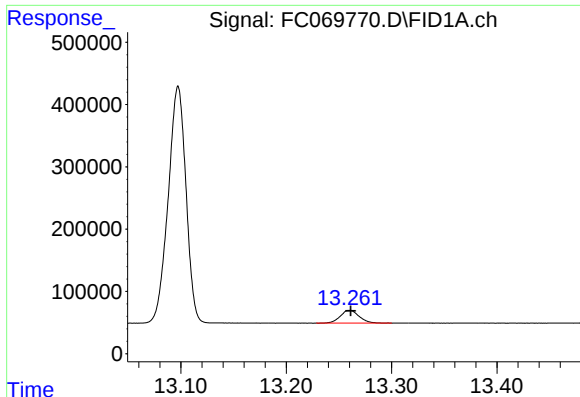
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 284994
Conc: 2.46 ug/ml



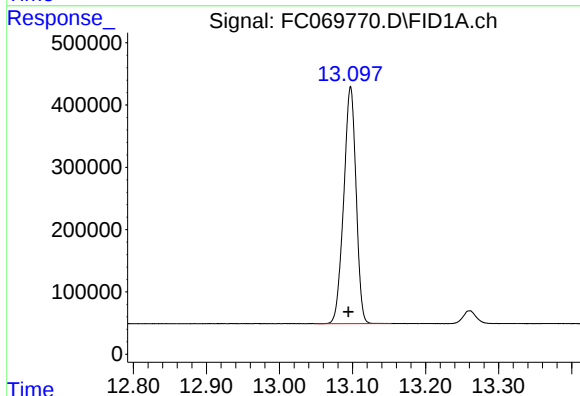
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.000 min
Response: 254937
Conc: 2.28 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

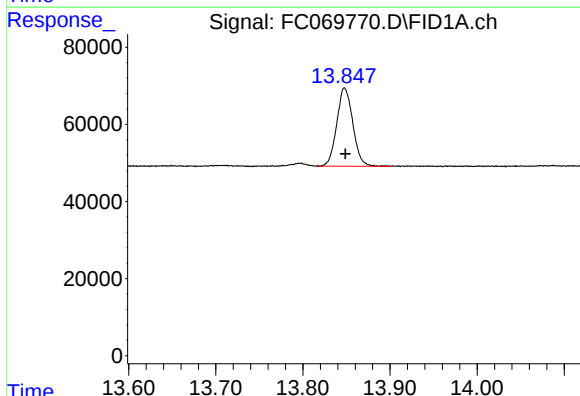
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



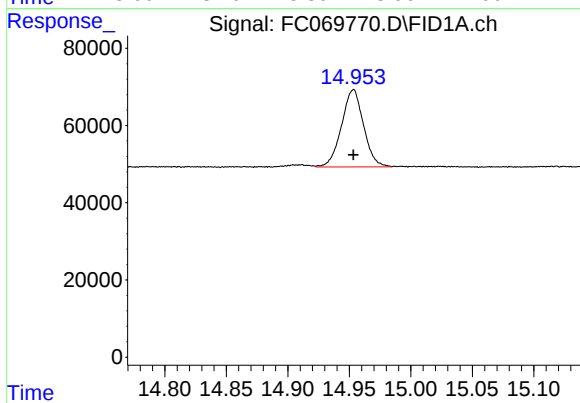
#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: 0.003 min
Response: 4464520
Conc: 46.66 ug/ml



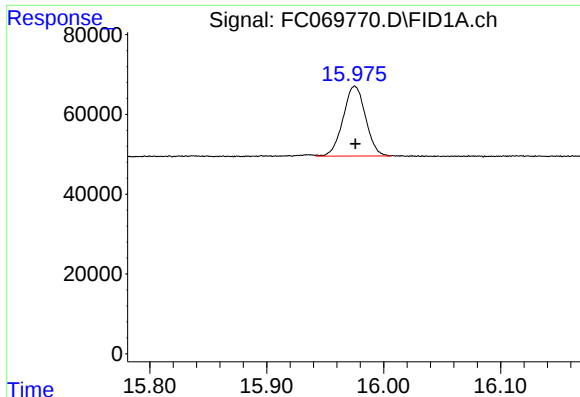
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: 0.000 min
Response: 260449
Conc: 2.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 249904
Conc: 2.38 ug/ml m



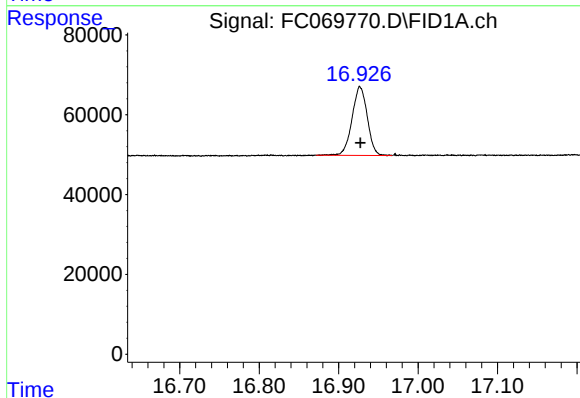
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 233559
Conc: 2.33 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

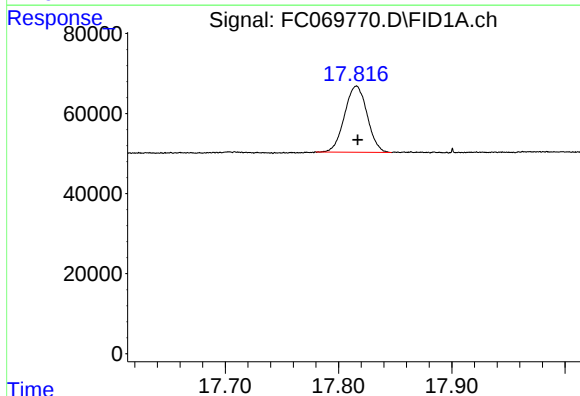
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



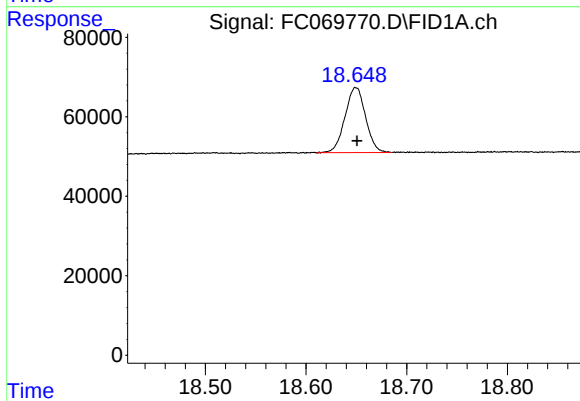
#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: 0.000 min
Response: 228721
Conc: 2.38 ug/ml



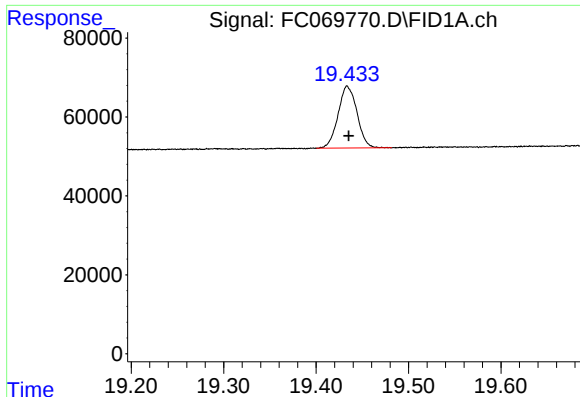
#17 n-Tricontane (C30)

R.T.: 17.816 min
Delta R.T.: -0.001 min
Response: 229551
Conc: 2.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: -0.001 min
Response: 232378
Conc: 2.49 ug/ml



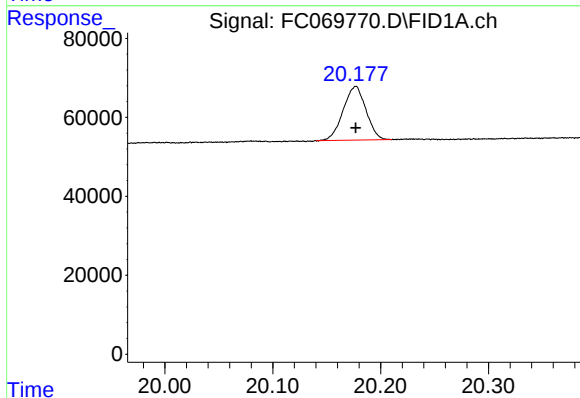
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.001 min
Response: 223054
Conc: 2.58 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

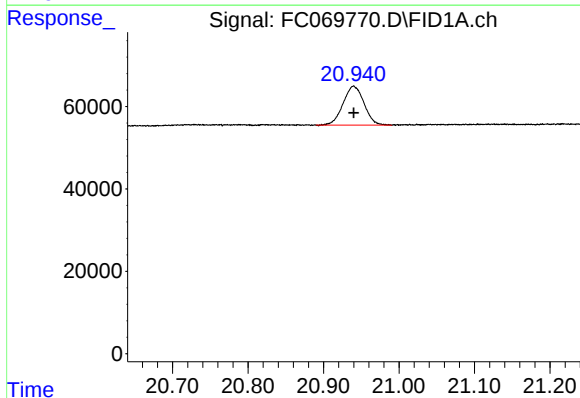
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



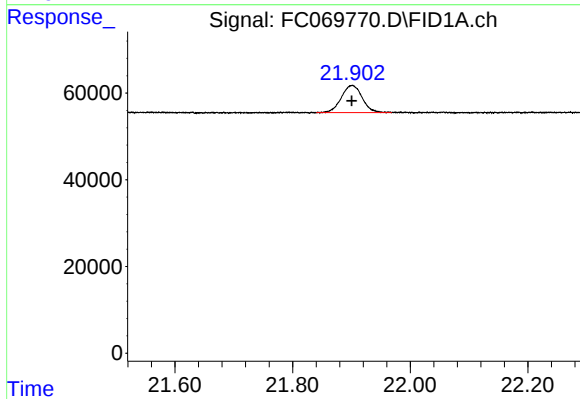
#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: 0.000 min
Response: 200374
Conc: 2.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.000 min
Response: 182350
Conc: 2.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 154087
Conc: 2.32 ug/ml