

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069772.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 16:40
 Operator : YP/AJ
 Sample : Q2893-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-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 01:20:33 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...	13.105	12747613	133.225 ug/ml
Spiked Amount 50.000		Recovery =	266.45%
Target Compounds			
1) T n-Nonane (C9)	3.395	875528	6.984 ug/ml
2) T n-Decane (C10)	4.466	1098662	8.622 ug/ml
4) T n-Dodecane (C12)	6.490	1265969	9.880 ug/mlm
6) T n-Tetradecane (C14)	8.288	1353876	10.615 ug/mlm
7) T n-Hexadecane (C16)	9.892	1311608	10.156 ug/mlm
8) T n-Octadecane (C18)	11.337	1391136	11.095 ug/ml
10) T n-Eicosane (C20)	12.649	1396029	12.027 ug/ml
11) T n-Heneicosane (C21)	13.262	1283880	11.482 ug/ml
13) T n-Docosane (C22)	13.849	1281681	11.745 ug/ml
14) T n-Tetracosane (C24)	14.953	1221873	11.651 ug/ml
15) T n-Hexacosane (C26)	15.975	1166633	11.641 ug/ml
16) T n-Octacosane (C28)	16.927	1127269	11.708 ug/ml
17) T n-Tricontane (C30)	17.816	1132743	11.778 ug/ml
18) T n-Dotriacontane (C32)	18.651	1180180	12.669 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1122355	13.006 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1039100	13.621 ug/ml
21) T n-Octatriacontane (C38)	20.941	980267	13.939 ug/ml
22) T n-Tetracontane (C40)	21.901	833656	12.549 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
Data File : FC069772.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 16:40
Operator : YP/AJ
Sample : Q2893-02
Misc : 5PPM SOIL LOQ
ALS Vial : 18 Sample Multiplier: 1

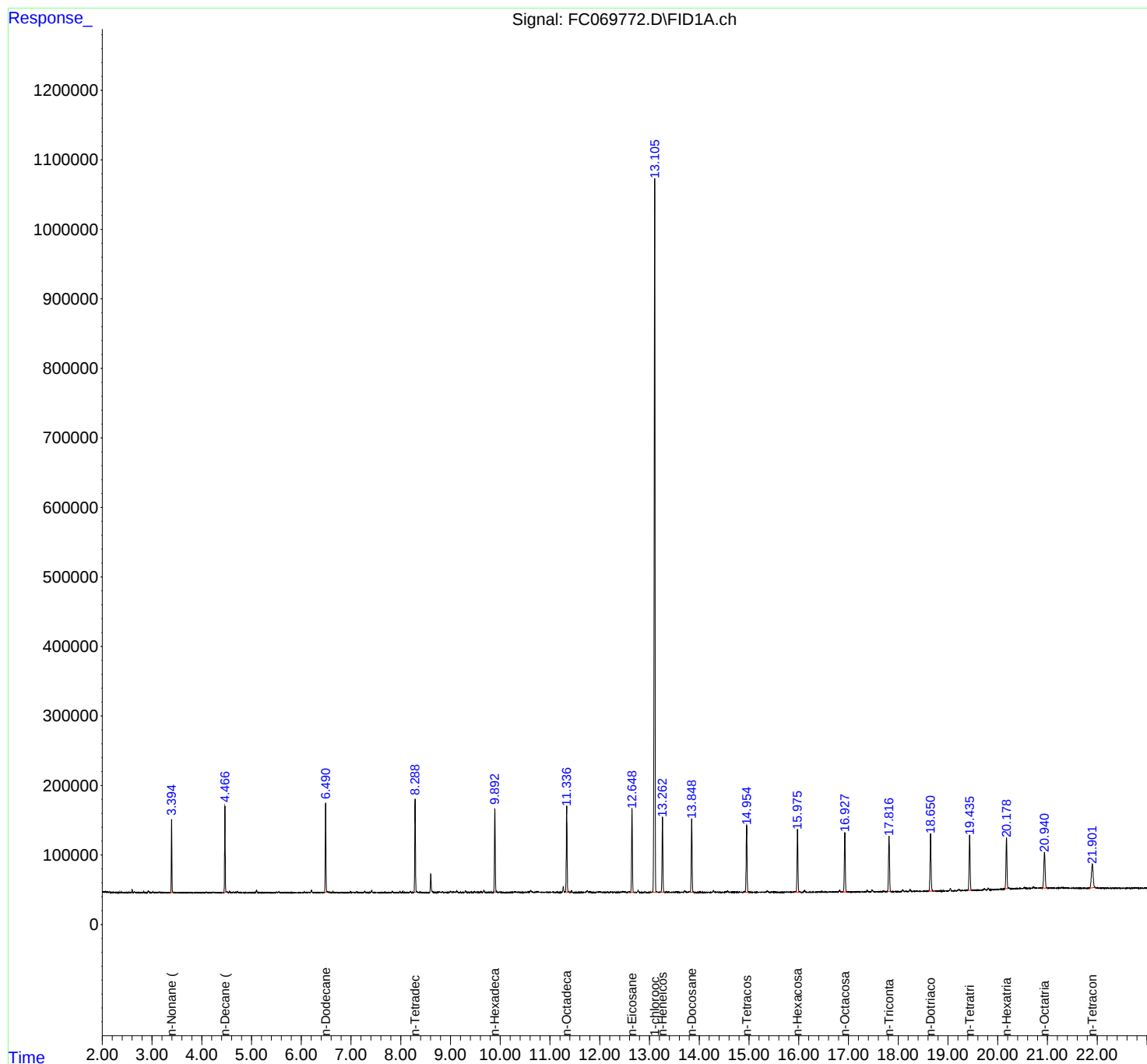
Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT3-2025

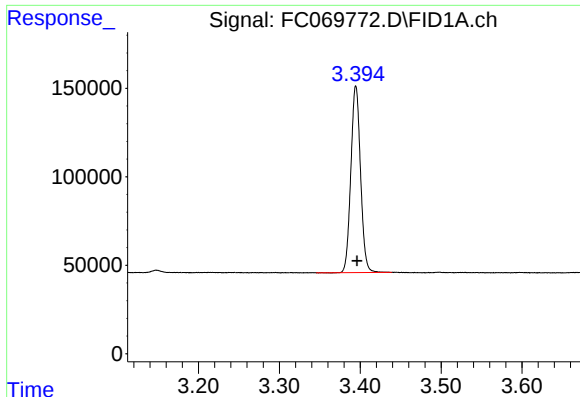
Manual Integrations
APPROVED

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

Integration File: sample.E
Quant Time: Aug 29 01:20:33 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





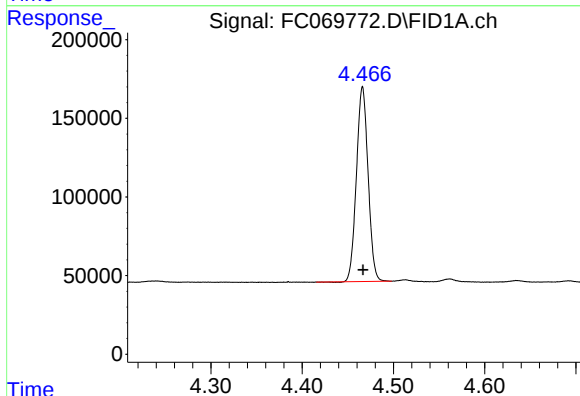
#1 n-Nonane (C9)

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 875528
Conc: 6.98 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT3-2025

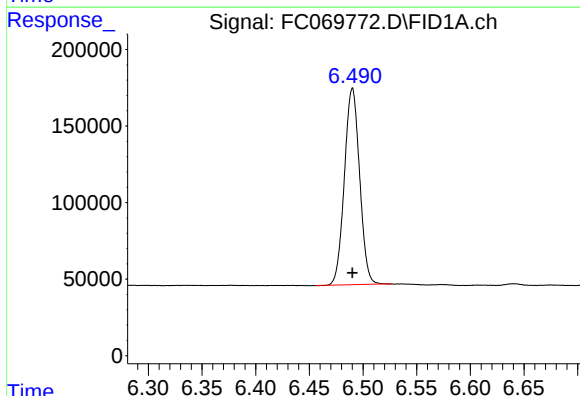
Manual Integrations
APPROVED

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



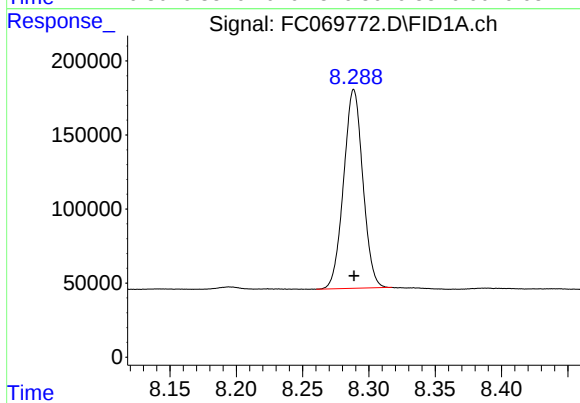
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 1098662
Conc: 8.62 ug/ml



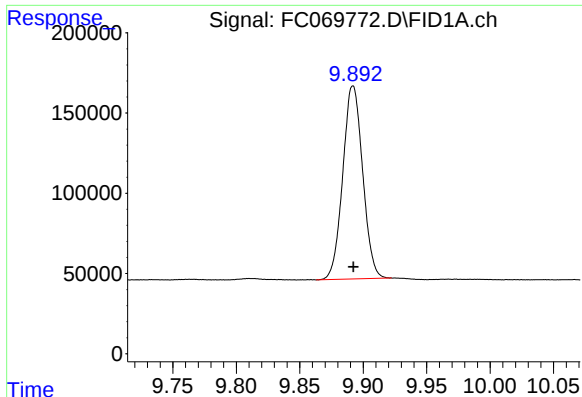
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 1265969
Conc: 9.88 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: 0.000 min
Response: 1353876
Conc: 10.62 ug/ml m



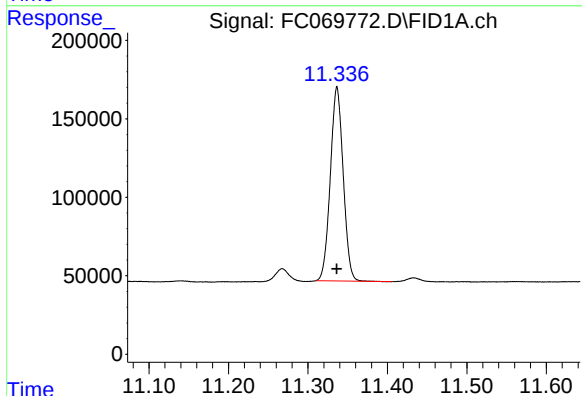
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 1311608
Conc: 10.16 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT3-2025

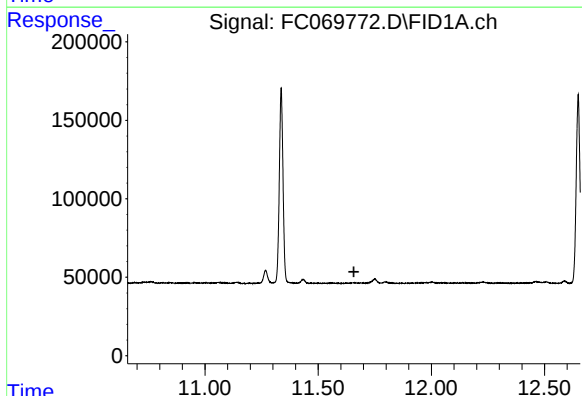
Manual Integrations
APPROVED

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



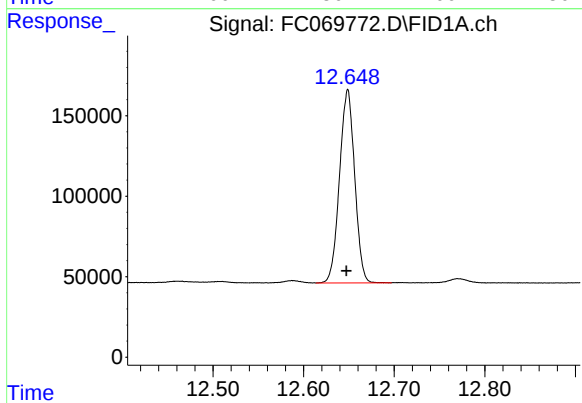
#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 1391136
Conc: 11.10 ug/ml



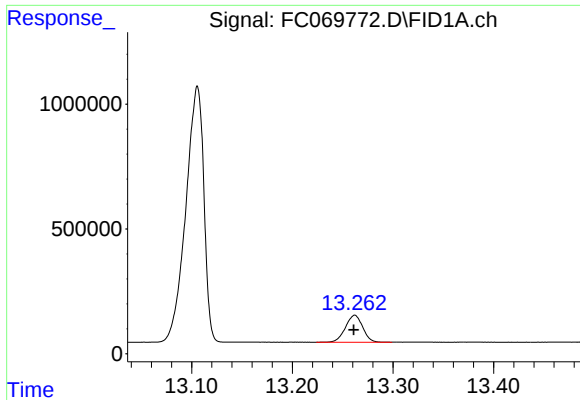
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.001 min
Response: 1396029
Conc: 12.03 ug/ml



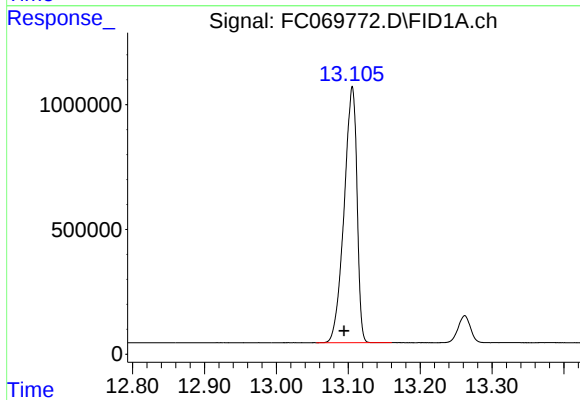
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.000 min
Response: 1283880
Conc: 11.48 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT3-2025

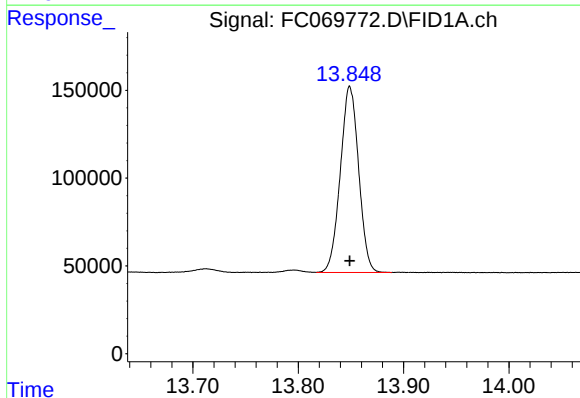
Manual Integrations
APPROVED

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



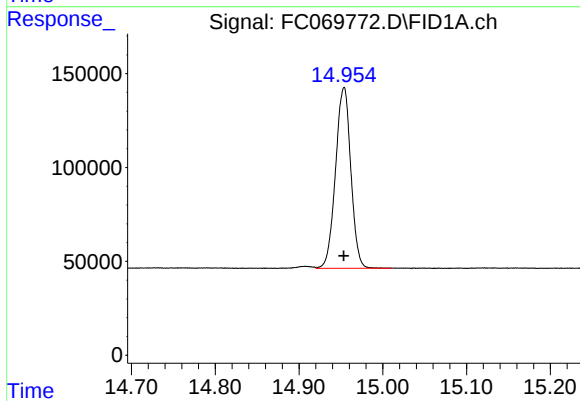
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: 0.011 min
Response: 12747613
Conc: 133.23 ug/ml



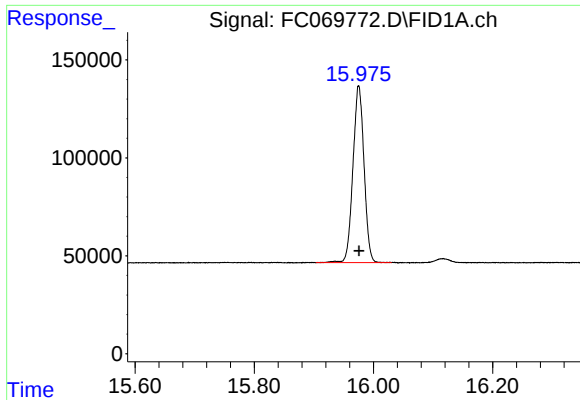
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 1281681
Conc: 11.74 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 1221873
Conc: 11.65 ug/ml



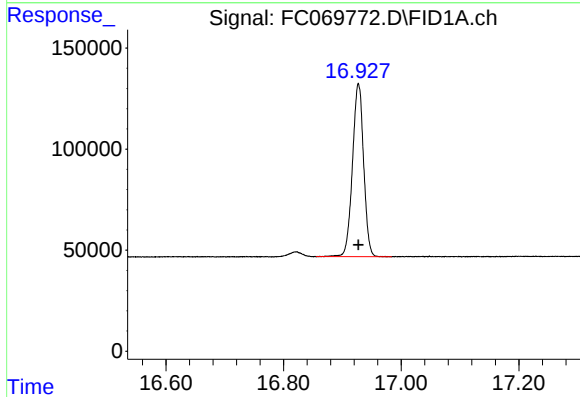
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.000 min
Response: 1166633
Conc: 11.64 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT3-2025

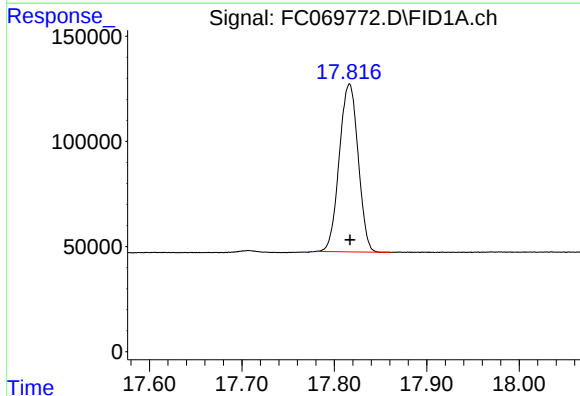
Manual Integrations
APPROVED

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



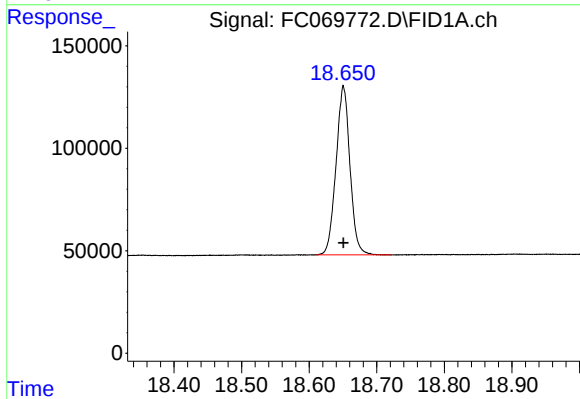
#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: 0.000 min
Response: 1127269
Conc: 11.71 ug/ml



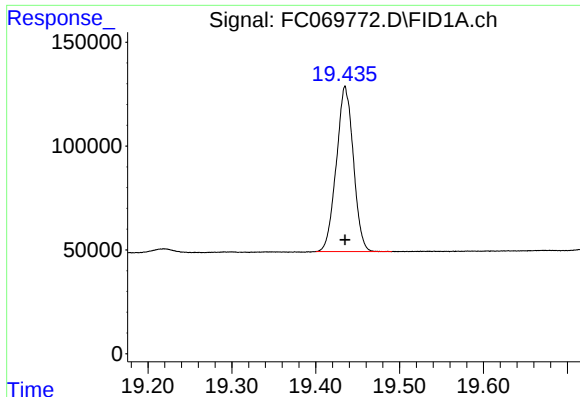
#17 n-Tricontane (C30)

R.T.: 17.816 min
Delta R.T.: 0.000 min
Response: 1132743
Conc: 11.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.000 min
Response: 1180180
Conc: 12.67 ug/ml



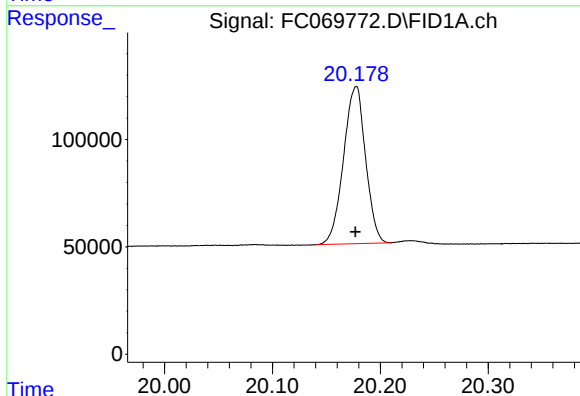
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 1122355
Conc: 13.01 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT3-2025

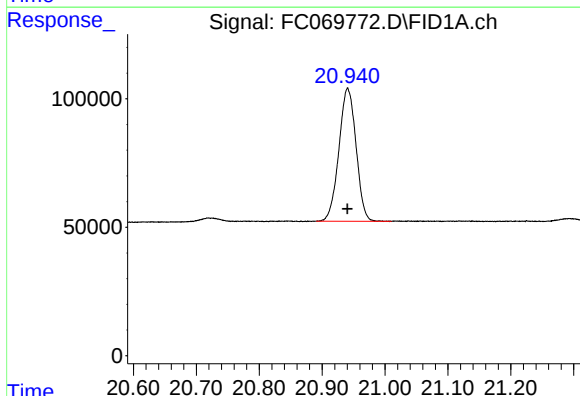
Manual Integrations
APPROVED

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



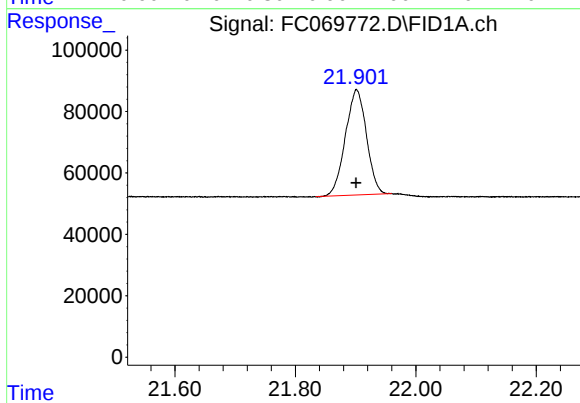
#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: 0.000 min
Response: 1039100
Conc: 13.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: 0.000 min
Response: 980267
Conc: 13.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 833656
Conc: 12.55 ug/ml m