

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054334.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 12:09
 Operator : YP\AJ
 Sample : Q2126-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 01:15:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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...	13.274	5545393	45.473 ug/ml
Spiked Amount 50.000		Recovery =	90.95%
Target Compounds			
1) T n-Nonane (C9)	3.177	362693	2.921 ug/ml
2) T n-Decane (C10)	4.439	459002	3.694 ug/mlm
4) T n-Dodecane (C12)	6.621	485764	3.815 ug/ml
6) T n-Tetradecane (C14)	8.456	588435	4.545 ug/ml
7) T n-Hexadecane (C16)	10.067	637495	4.799 ug/ml
8) T n-Octadecane (C18)	11.513	696800	5.160 ug/ml
10) T n-Eicosane (C20)	12.825	751317	5.616 ug/ml
11) T n-Heneicosane (C21)	13.438	726558	5.464 ug/ml
13) T n-Docosane (C22)	14.027	721434	5.502 ug/ml
14) T n-Tetracosane (C24)	15.131	713318	5.530 ug/mlm
15) T n-Hexacosane (C26)	16.153	699230	5.570 ug/mlm
16) T n-Octacosane (C28)	17.106	690157	5.628 ug/mlm
17) T n-Tricontane (C30)	17.995	696968	5.623 ug/ml
18) T n-Dotriacontane (C32)	18.828	720789	5.737 ug/ml
19) T n-Tetratriacontane (C34)	19.613	710873	5.714 ug/ml
20) T n-Hexatriacontane (C36)	20.354	700910	5.445 ug/ml
21) T n-Octatriacontane (C38)	21.081	704975	5.339 ug/ml
22) T n-Tetracontane (C40)	21.969	730511	5.423 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
Data File : FE054334.D
Signal(s) : FID1B.ch
Acq On : 12 Jun 2025 12:09
Operator : YP\AJ
Sample : Q2126-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

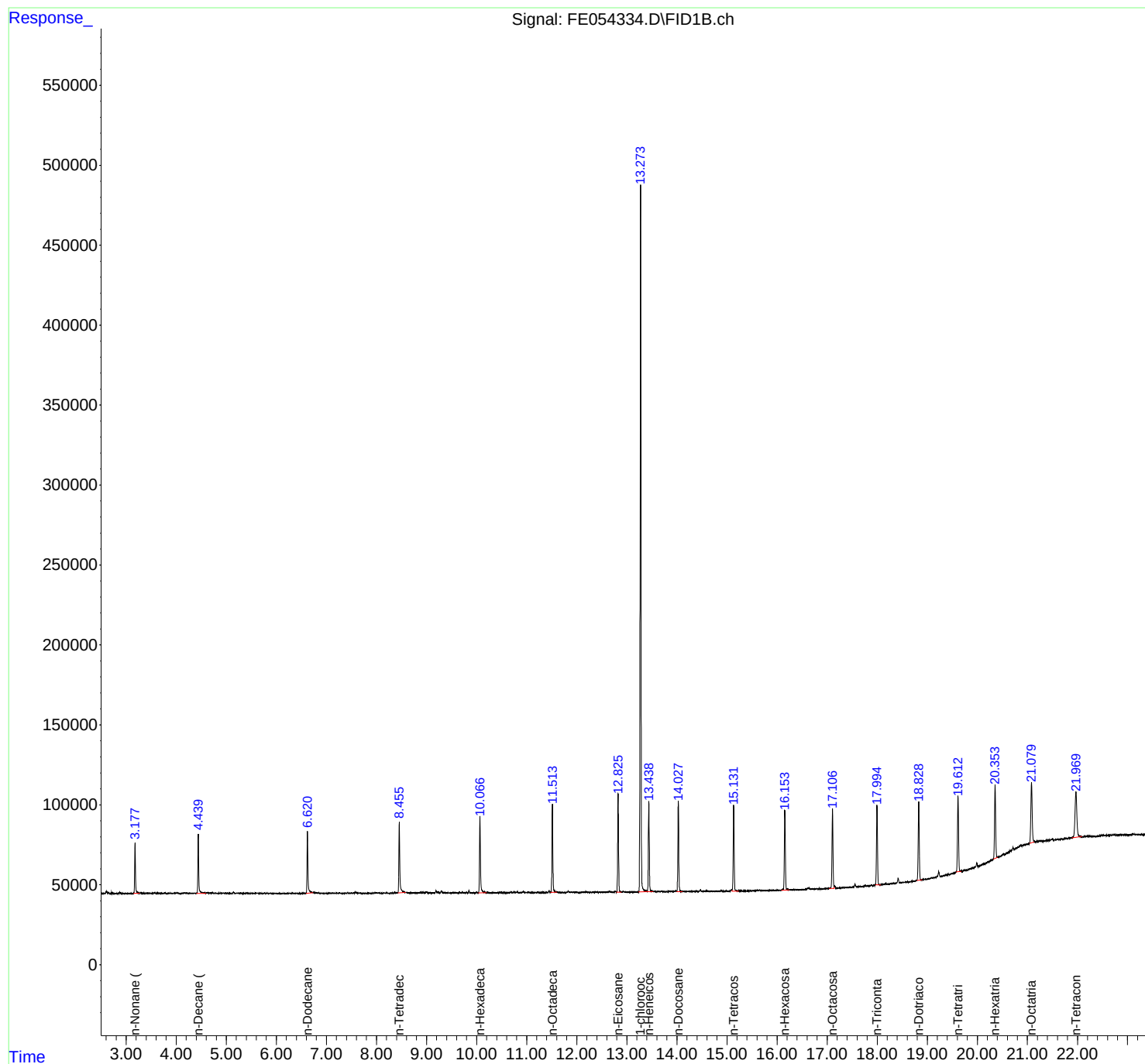
Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2025

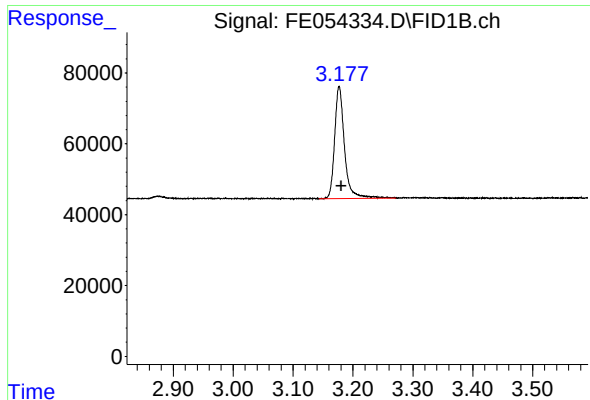
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
Quant Time: Jun 13 01:15:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.
Quant Title : GC Extractables
QLast Update : Tue Jun 10 07:24:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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





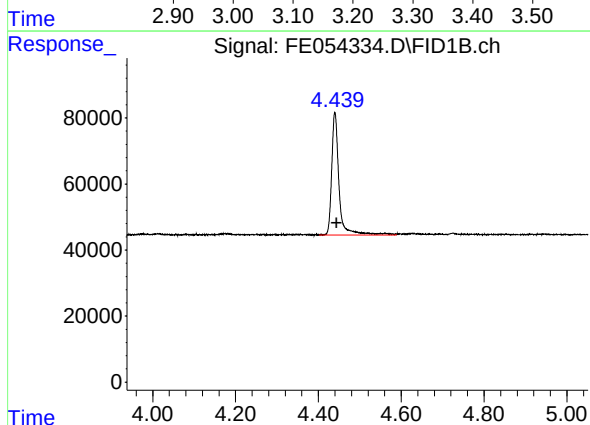
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 362693
Conc: 2.92 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2025

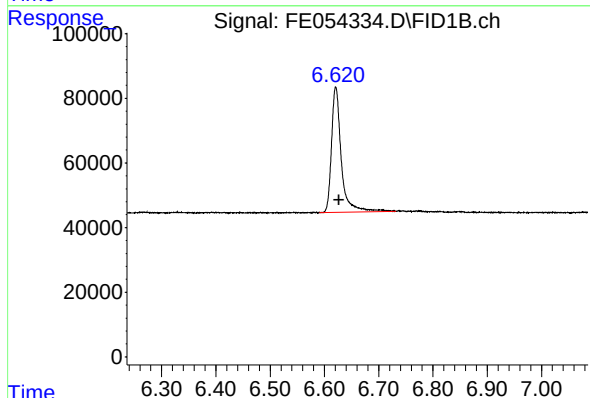
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



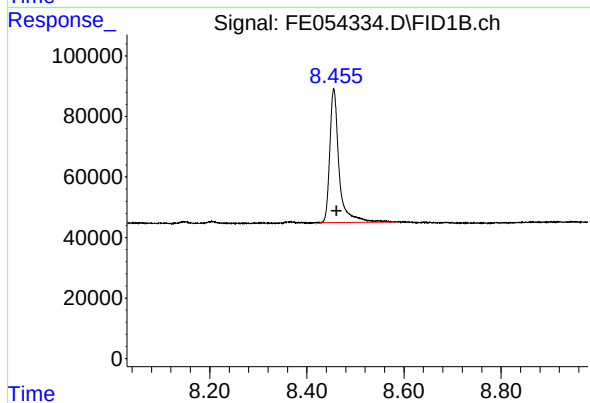
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 459002
Conc: 3.69 ug/ml m



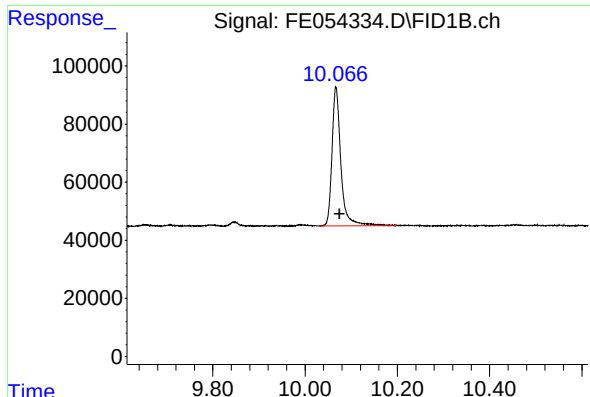
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: -0.006 min
Response: 485764
Conc: 3.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 588435
Conc: 4.55 ug/ml



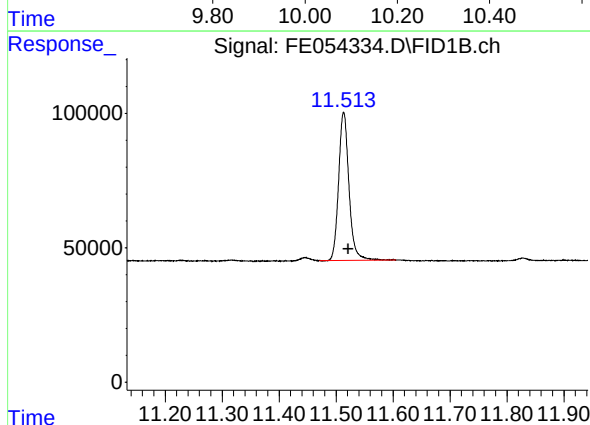
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.007 min
Response: 637495
Conc: 4.80 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2025

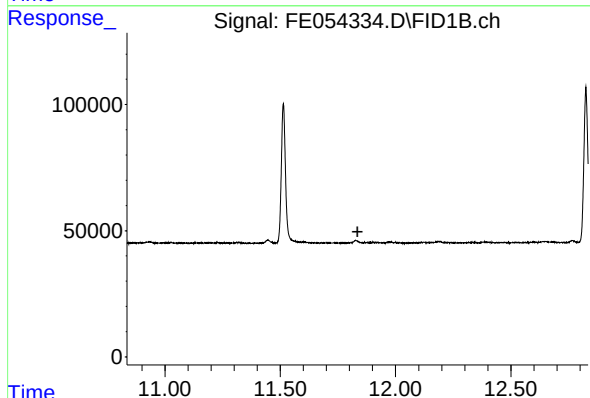
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



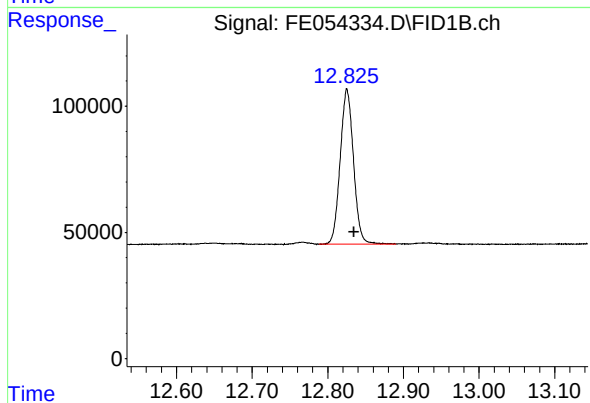
#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 696800
Conc: 5.16 ug/ml



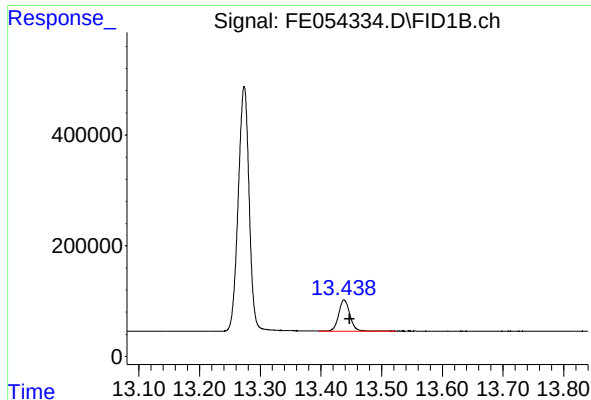
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.835 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.009 min
Response: 751317
Conc: 5.62 ug/ml



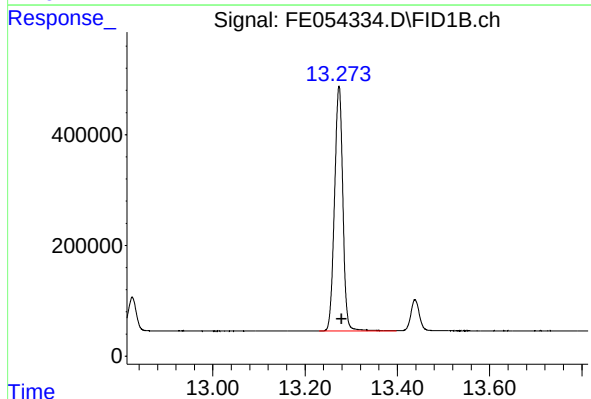
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.009 min
Response: 726558
Conc: 5.46 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2025

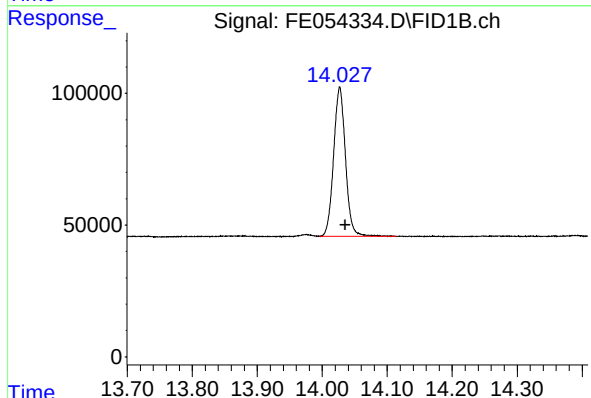
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



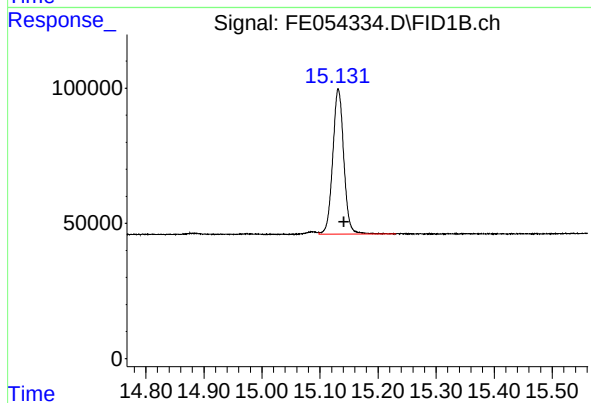
#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.006 min
Response: 5545393
Conc: 45.47 ug/ml



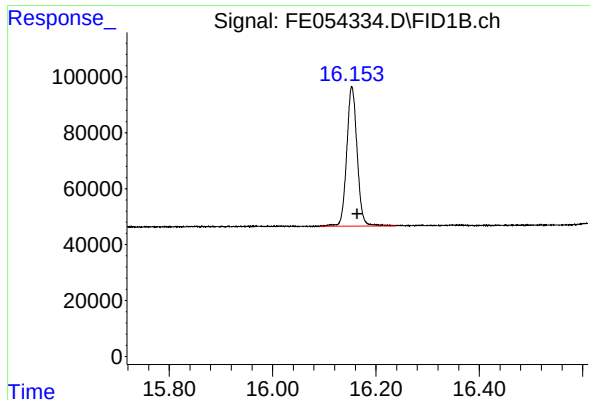
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.009 min
Response: 721434
Conc: 5.50 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.011 min
Response: 713318
Conc: 5.53 ug/ml m



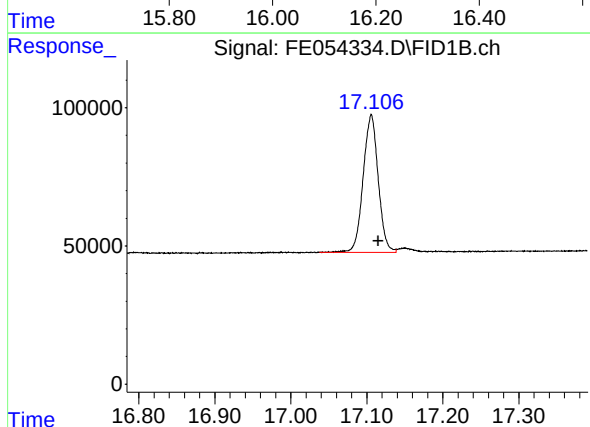
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 699230
Conc: 5.57 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2025

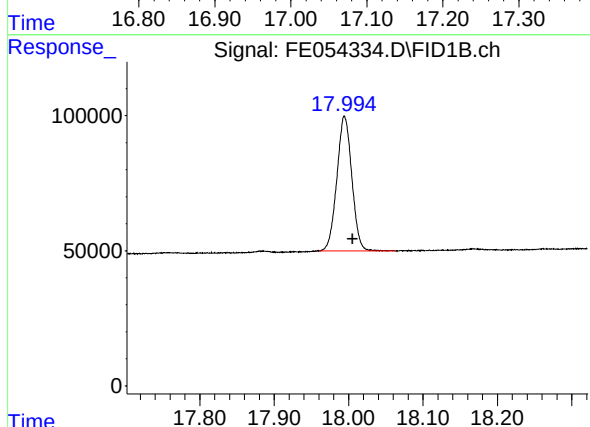
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



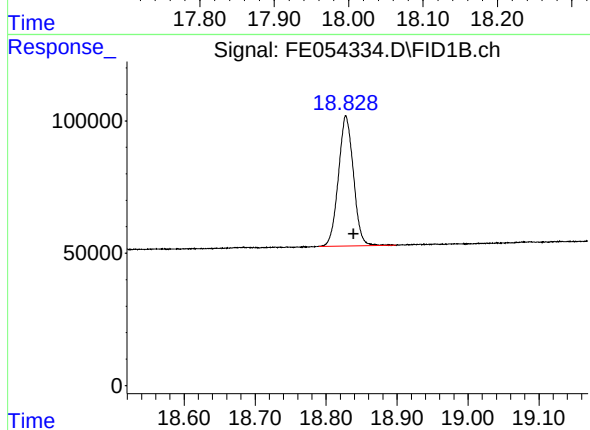
#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.010 min
Response: 690157
Conc: 5.63 ug/ml m



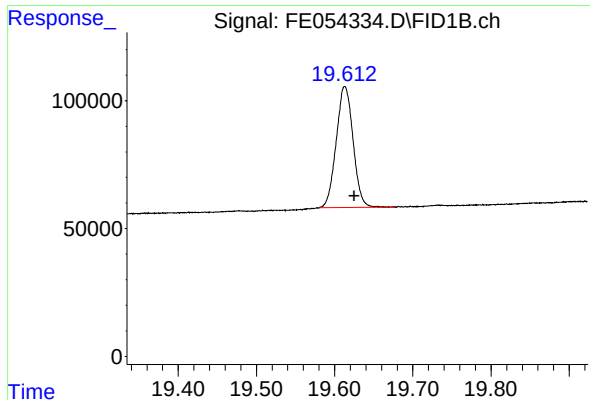
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.011 min
Response: 696968
Conc: 5.62 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 720789
Conc: 5.74 ug/ml



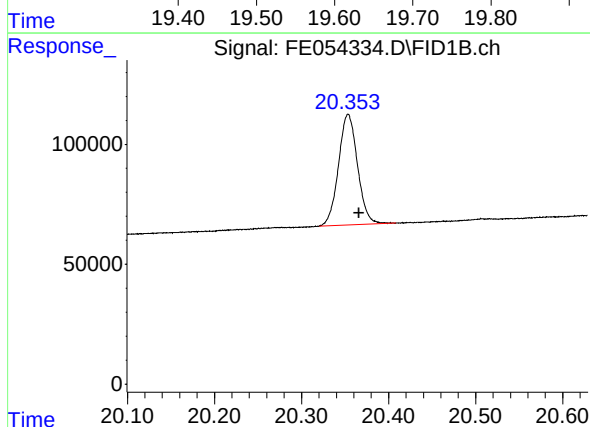
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.012 min
Response: 710873
Conc: 5.71 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2025

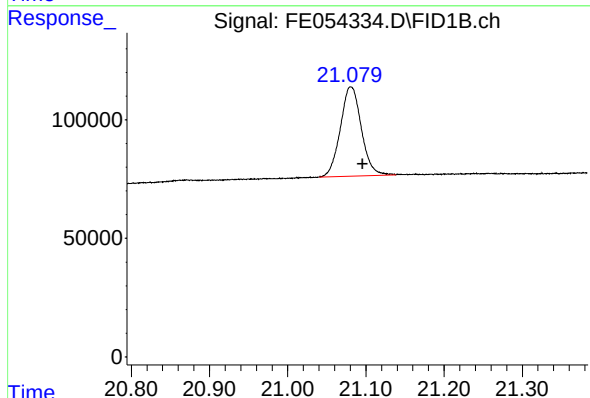
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



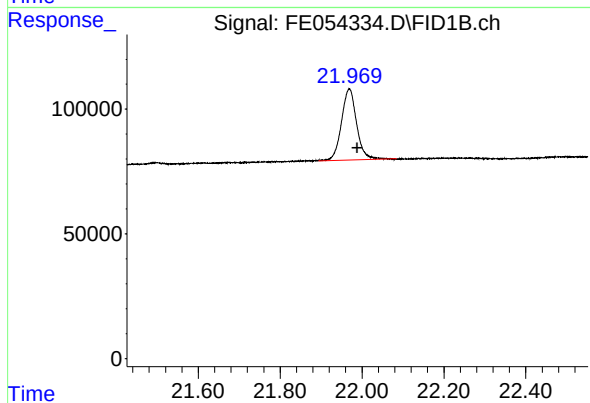
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.013 min
Response: 700910
Conc: 5.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.015 min
Response: 704975
Conc: 5.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.019 min
Response: 730511
Conc: 5.42 ug/ml m