

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016010.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 20:24
 Operator : YP\AJ
 Sample : Q2126-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 17 01:56:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:15:40 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...	13.441	5462245	48.718 ug/ml
Spiked Amount 50.000		Recovery =	97.44%
Target Compounds			
1) T n-Nonane (C9)	3.366	319197	2.722 ug/ml
2) T n-Decane (C10)	4.623	397075	3.318 ug/mlm
4) T n-Dodecane (C12)	6.796	458017	3.783 ug/ml
6) T n-Tetradecane (C14)	8.628	503733	4.142 ug/ml
7) T n-Hexadecane (C16)	10.236	485945	3.840 ug/ml
8) T n-Octadecane (C18)	11.680	527506	4.045 ug/ml
10) T n-Eicosane (C20)	12.991	558663	4.350 ug/ml
11) T n-Heneicosane (C21)	13.605	533597	4.190 ug/ml
13) T n-Docosane (C22)	14.192	551692	4.312 ug/ml
14) T n-Tetracosane (C24)	15.296	560180	4.318 ug/mlm
15) T n-Hexacosane (C26)	16.319	546249	4.259 ug/ml
16) T n-Octacosane (C28)	17.271	576435	4.596 ug/ml
17) T n-Tricontane (C30)	18.160	630268	5.039 ug/ml
18) T n-Dotriacontane (C32)	18.994	631396	5.341 ug/ml
19) T n-Tetratriacontane (C34)	19.780	580450	5.508 ug/ml
20) T n-Hexatriacontane (C36)	20.520	506428	5.627 ug/ml
21) T n-Octatriacontane (C38)	21.283	460492	5.698 ug/ml
22) T n-Tetracontane (C40)	22.237	408208	5.520 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
Data File : FF016010.D
Signal(s) : FID2B.ch
Acq On : 16 Jun 2025 20:24
Operator : YP\AJ
Sample : Q2126-02
Misc : 5 PPM SOIL LOQ
ALS Vial : 24 Sample Multiplier: 1

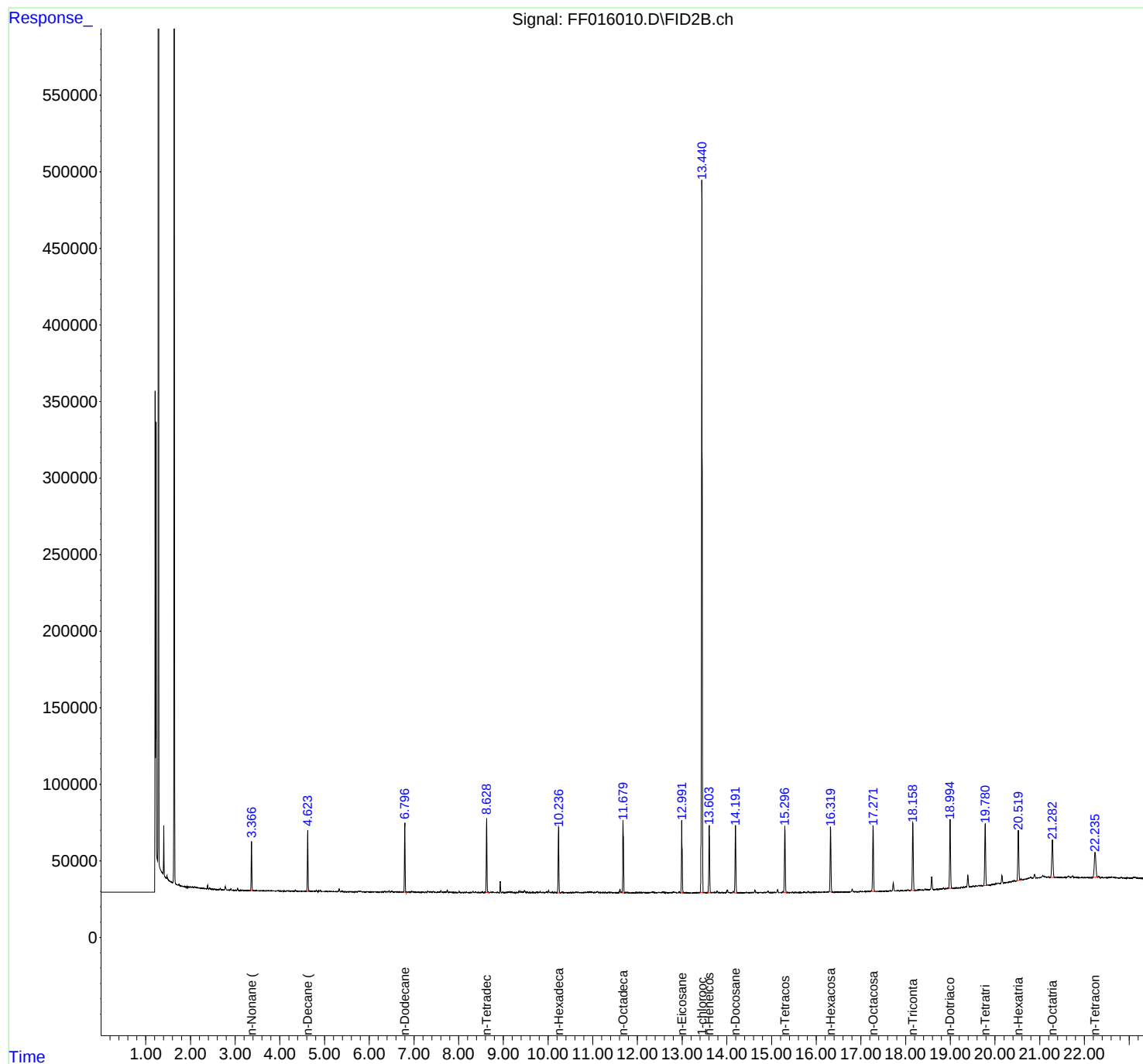
Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

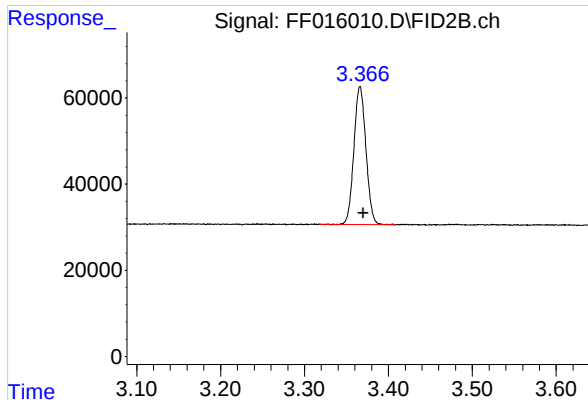
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
Quant Time: Jun 17 01:56:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 16 03:15:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





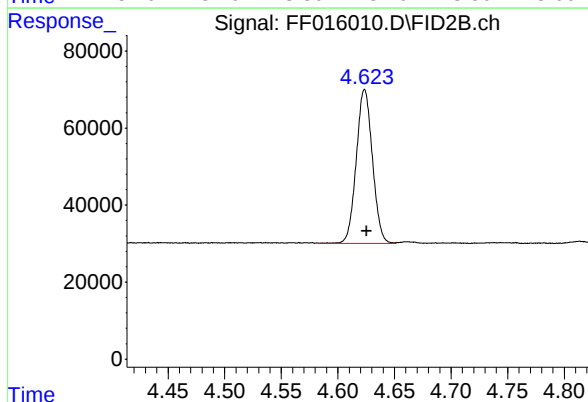
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.004 min
Response: 319197
Conc: 2.72 ug/ml

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

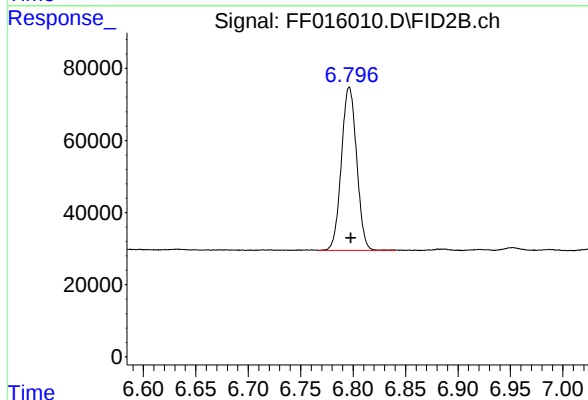
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/19/2025



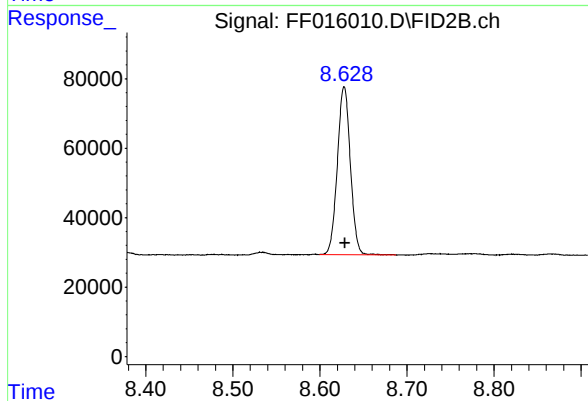
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: -0.002 min
Response: 397075
Conc: 3.32 ug/ml m



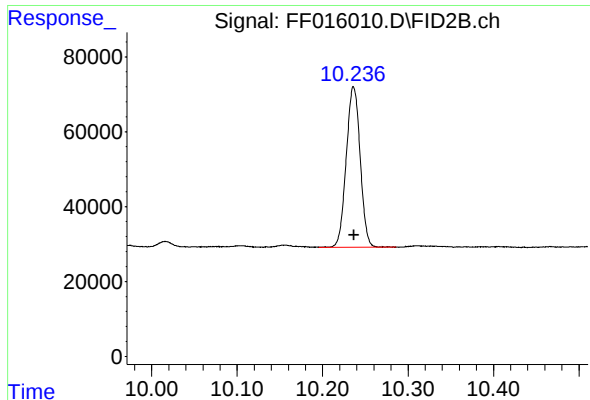
#4 n-Dodecane (C12)

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 458017
Conc: 3.78 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.628 min
Delta R.T.: -0.001 min
Response: 503733
Conc: 4.14 ug/ml



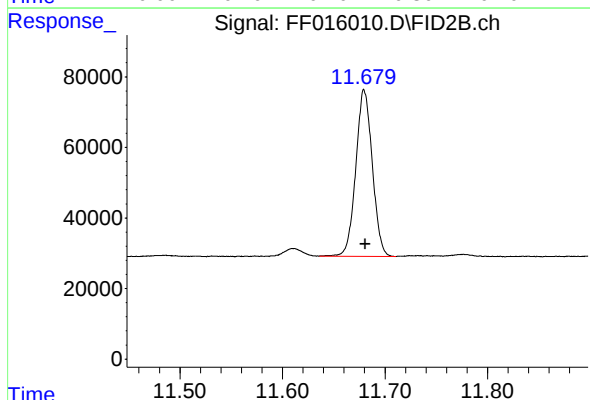
#7 n-Hexadecane (C16)

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 485945
Conc: 3.84 ug/ml

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

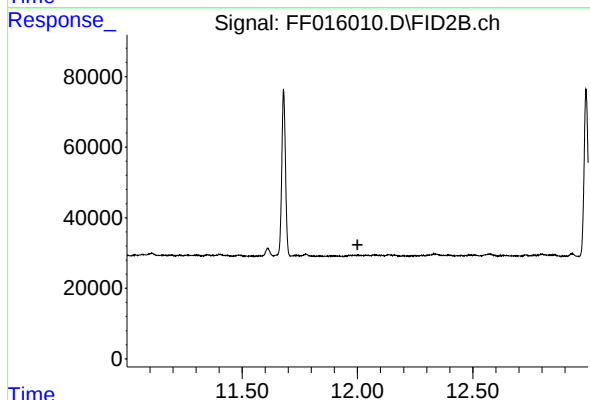
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/19/2025



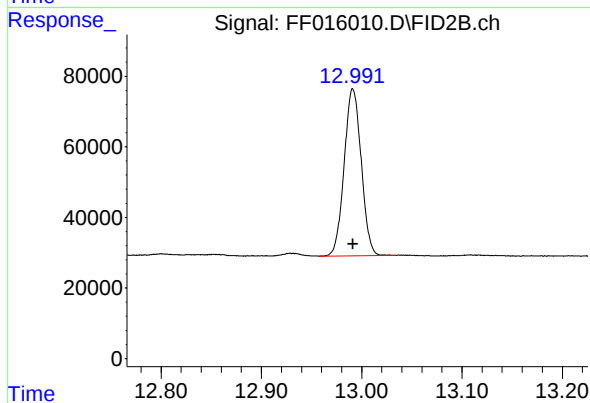
#8 n-Octadecane (C18)

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 527506
Conc: 4.04 ug/ml



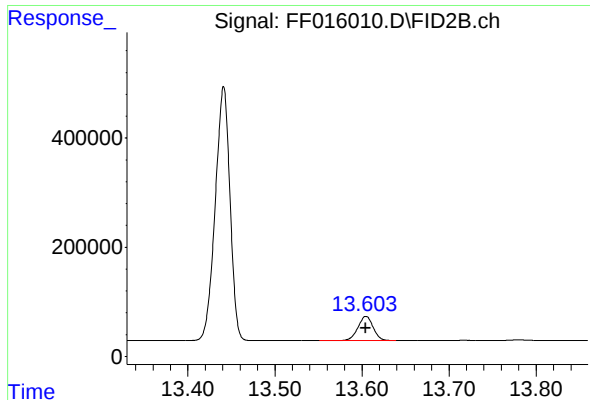
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.000 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 558663
Conc: 4.35 ug/ml



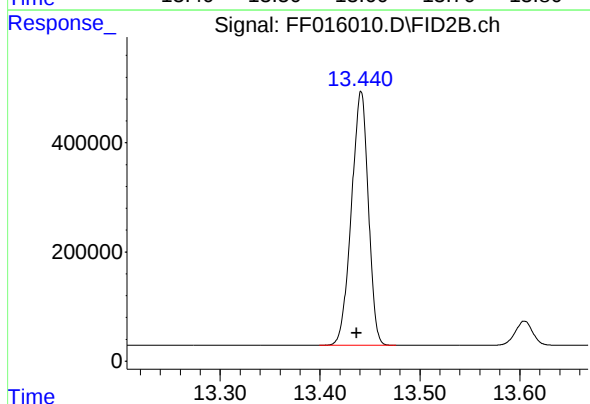
#11 n-Heneicosane (C21)

R.T.: 13.605 min
Delta R.T.: 0.000 min
Response: 533597
Conc: 4.19 ug/ml

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

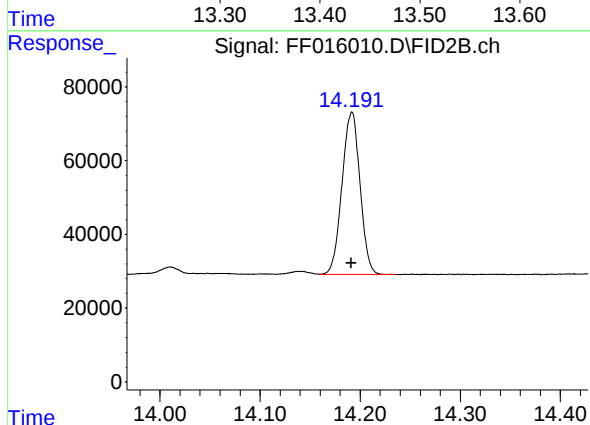
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/19/2025



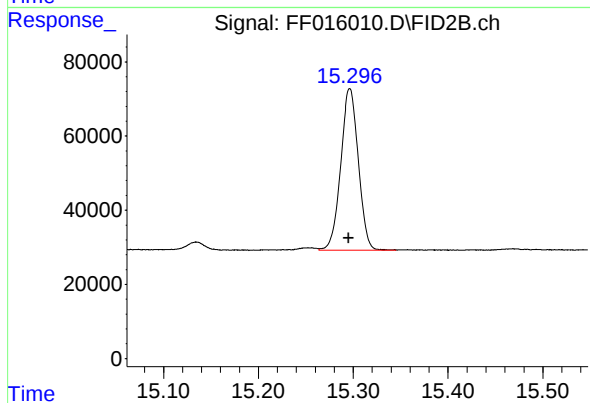
#12 1-chlorooctadecane (SURR)

R.T.: 13.441 min
Delta R.T.: 0.004 min
Response: 5462245
Conc: 48.72 ug/ml



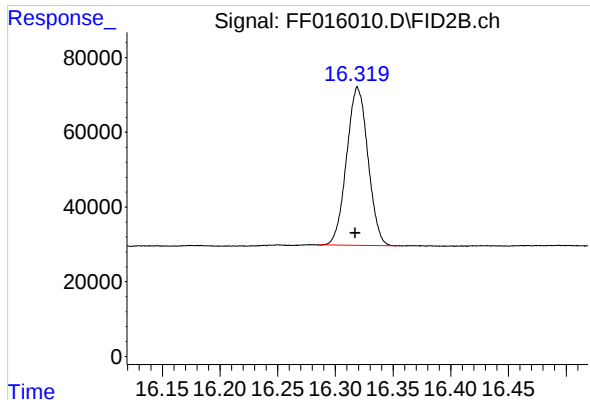
#13 n-Docosane (C22)

R.T.: 14.192 min
Delta R.T.: 0.000 min
Response: 551692
Conc: 4.31 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.296 min
Delta R.T.: 0.000 min
Response: 560180
Conc: 4.32 ug/ml m



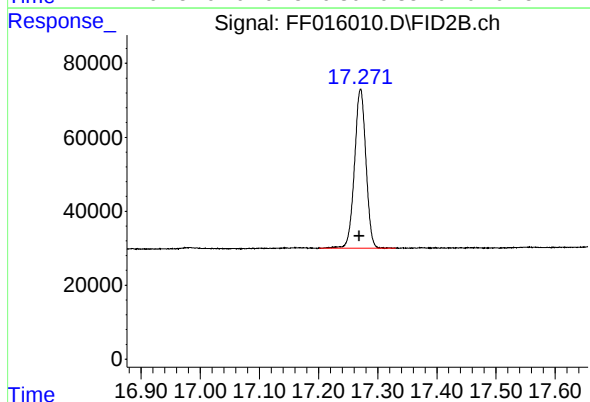
#15 n-Hexacosane (C26)

R.T.: 16.319 min
Delta R.T.: 0.002 min
Response: 546249
Conc: 4.26 ug/ml

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

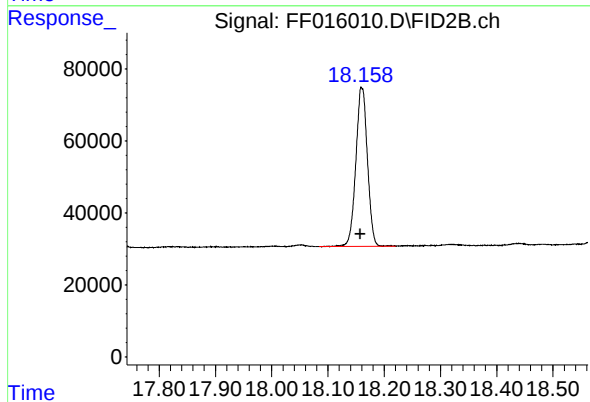
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/19/2025



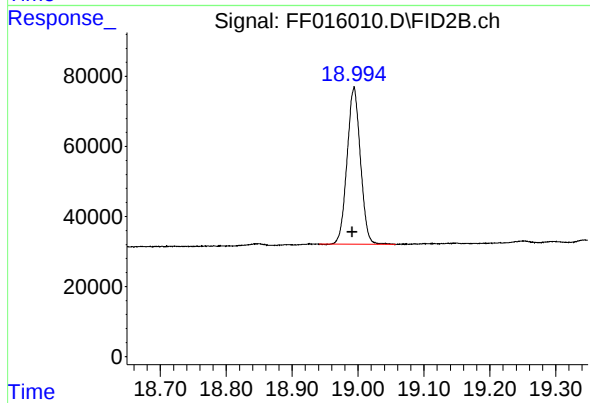
#16 n-Octacosane (C28)

R.T.: 17.271 min
Delta R.T.: 0.002 min
Response: 576435
Conc: 4.60 ug/ml



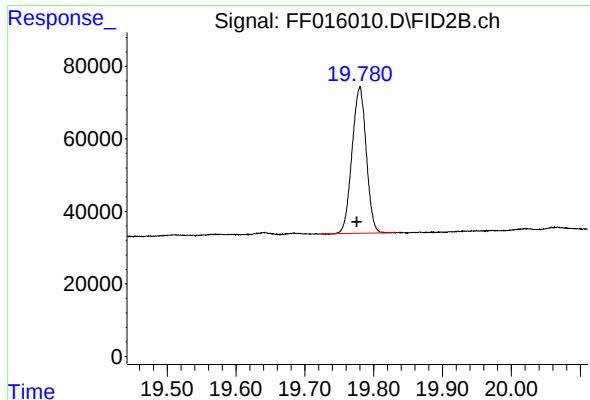
#17 n-Tricontane (C30)

R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 630268
Conc: 5.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.994 min
Delta R.T.: 0.003 min
Response: 631396
Conc: 5.34 ug/ml



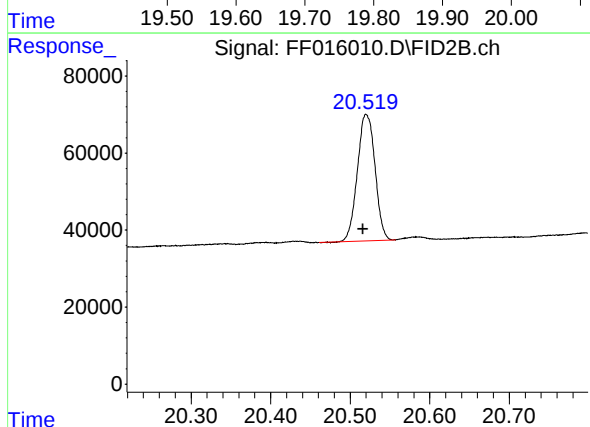
#19 n-Tetratriacontane (C34)

R.T.: 19.780 min
Delta R.T.: 0.004 min
Response: 580450
Conc: 5.51 ug/ml

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

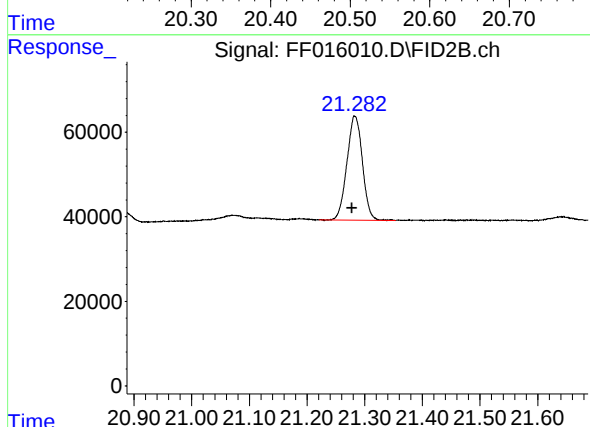
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/17/2025
Supervised By :mohammad ahmed 06/19/2025



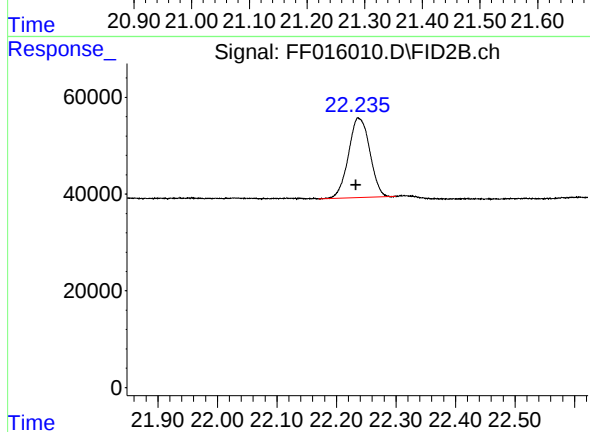
#20 n-Hexatriacontane (C36)

R.T.: 20.520 min
Delta R.T.: 0.004 min
Response: 506428
Conc: 5.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.283 min
Delta R.T.: 0.005 min
Response: 460492
Conc: 5.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.237 min
Delta R.T.: 0.005 min
Response: 408208
Conc: 5.52 ug/ml