

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090925AL\
 Data File : FF016355.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2025 11:06
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 71 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File: autoint1.e
 Quant Time: Sep 10 01:30:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 03:35:42 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...	13.410	3239165	29.039 ug/mlm
Spiked Amount 50.000		Recovery =	58.08%
Target Compounds			
1) T n-Nonane (C9)	3.323	156808	1.341 ug/ml
3) T A~Naphthalene (C11.7)	6.301	34365	0.263 ug/ml
4) T n-Dodecane (C12)	6.762	215106	1.792 ug/ml
6) T n-Tetradecane (C14)	8.595	267669	2.221 ug/ml
7) T n-Hexadecane (C16)	10.206	219643	1.759 ug/mlm
8) T n-Octadecane (C18)	11.651	264111	2.039 ug/mlm
10) T n-Eicosane (C20)	12.963	283396	2.216 ug/ml
11) T n-Heneicosane (C21)	13.577	260495	2.052 ug/ml
13) T n-Docosane (C22)	14.165	269022	2.119 ug/ml
14) T n-Tetracosane (C24)	15.270	271781	2.125 ug/mlm
15) T n-Hexacosane (C26)	16.293	263011	2.104 ug/mlm
16) T n-Octacosane (C28)	17.247	256840	2.096 ug/mlm
17) T n-Tricontane (C30)	18.137	286507	2.301 ug/ml
18) T n-Dotriacontane (C32)	18.973	300905	2.497 ug/ml
19) T n-Tetratriacontane (C34)	19.758	278143	2.551 ug/ml
20) T n-Hexatriacontane (C36)	20.500	239027	2.561 ug/ml
21) T n-Octatriacontane (C38)	21.259	210536	2.503 ug/ml
22) T n-Tetracontane (C40)	22.211	188706	2.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090925AL\
Data File : FF016355.D
Signal(s) : FID2B.ch
Acq On : 09 Sep 2025 11:06
Operator : YP\AJ
Sample : Q2893-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 71 Sample Multiplier: 1

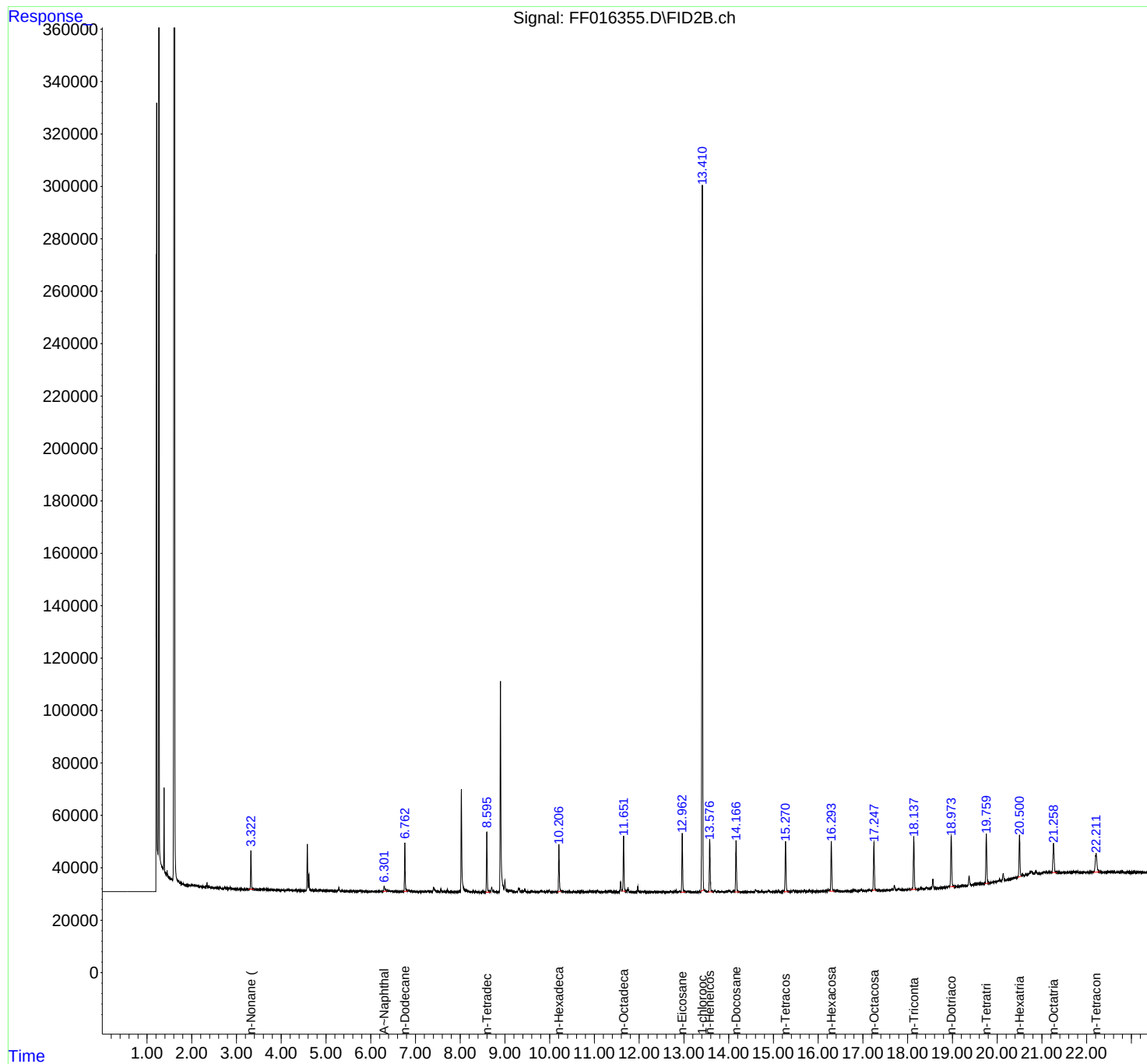
Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

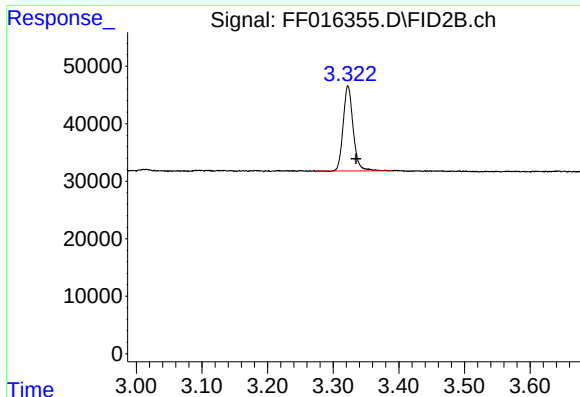
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/10/2025
Supervised By :mohammad ahmed 09/11/2025

Integration File: autoint1.e
Quant Time: Sep 10 01:30:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 03:35:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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





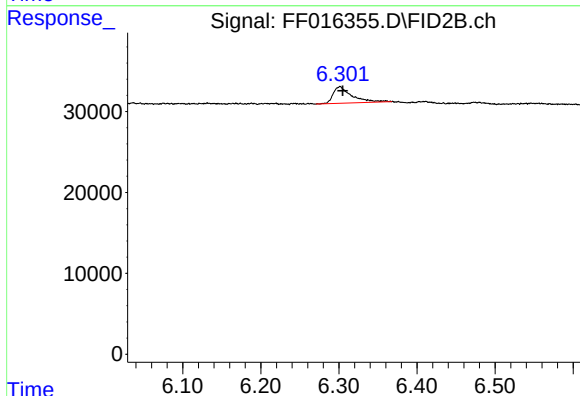
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.012 min
Response: 156808
Conc: 1.34 ug/ml

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

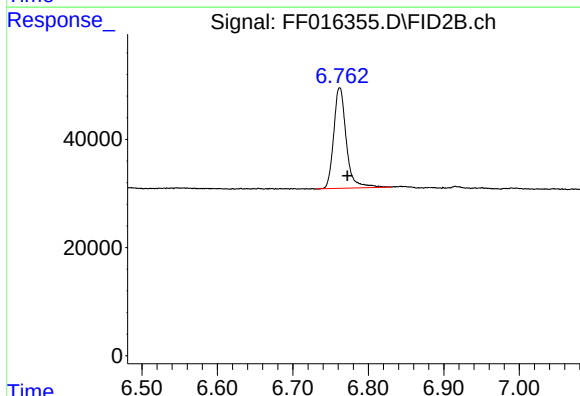
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/10/2025
Supervised By :mohammad ahmed 09/11/2025



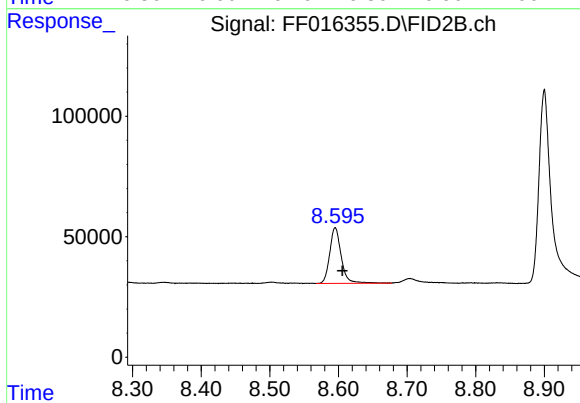
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.004 min
Response: 34365
Conc: 0.26 ug/ml



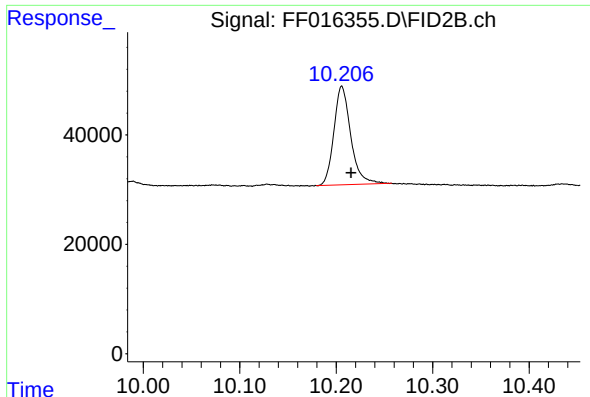
#4 n-Dodecane (C12)

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 215106
Conc: 1.79 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.011 min
Response: 267669
Conc: 2.22 ug/ml



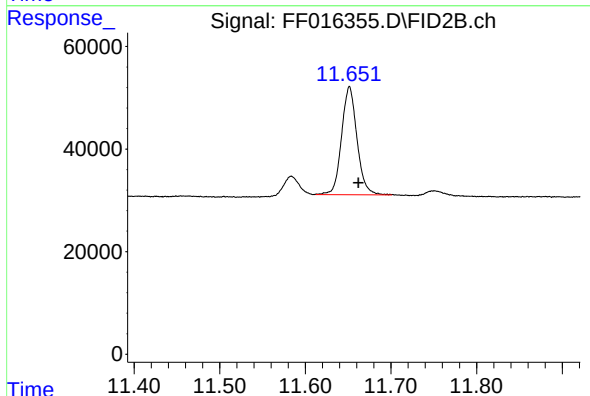
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.010 min
Response: 219643
Conc: 1.76 ug/ml

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

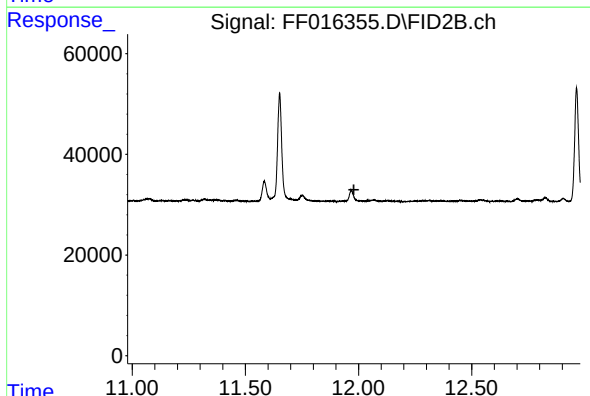
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/10/2025
Supervised By :mohammad ahmed 09/11/2025



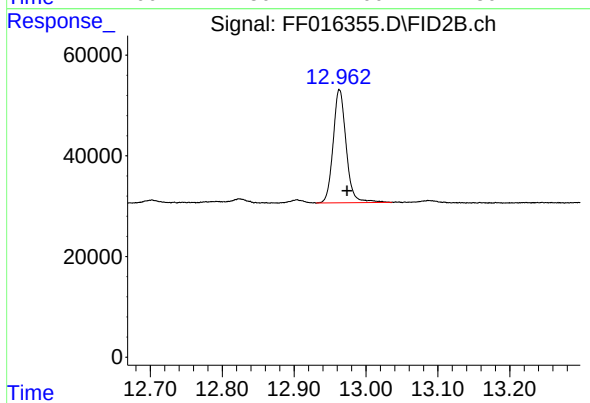
#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: -0.011 min
Response: 264111
Conc: 2.04 ug/ml m



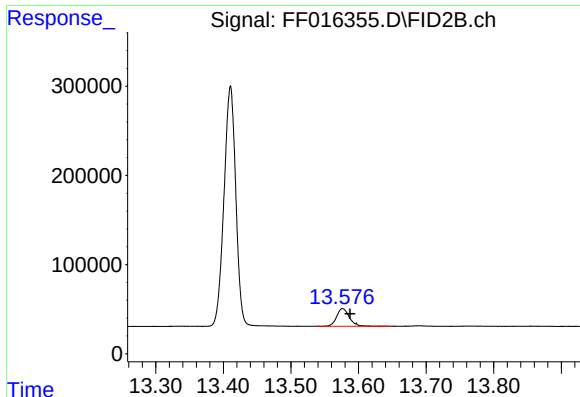
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.980 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.010 min
Response: 283396
Conc: 2.22 ug/ml



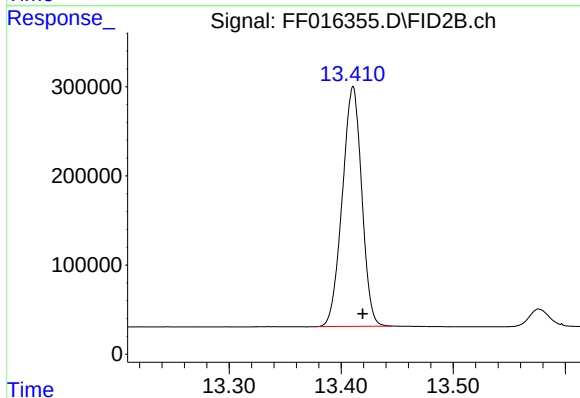
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.011 min
Response: 260495
Conc: 2.05 ug/ml

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

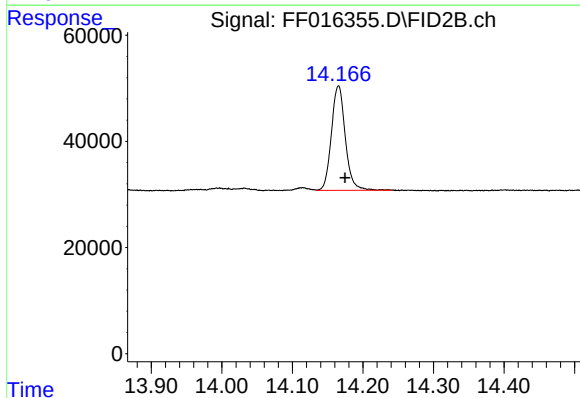
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/10/2025
Supervised By :mohammad ahmed 09/11/2025



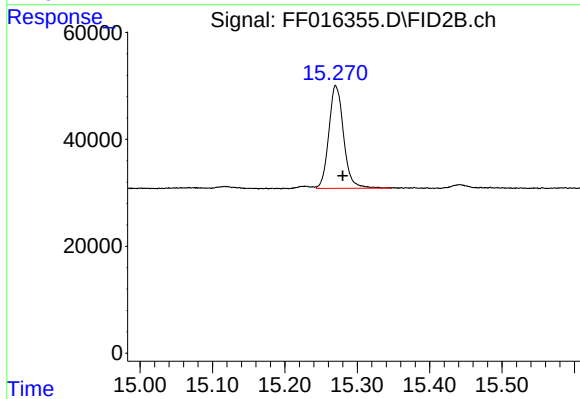
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.009 min
Response: 3239165
Conc: 29.04 ug/ml m



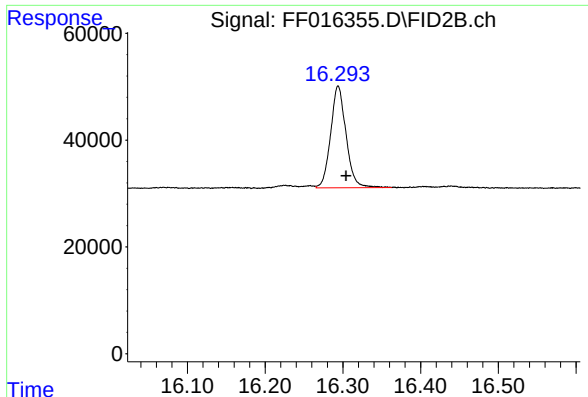
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: -0.009 min
Response: 269022
Conc: 2.12 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: -0.011 min
Response: 271781
Conc: 2.12 ug/ml m



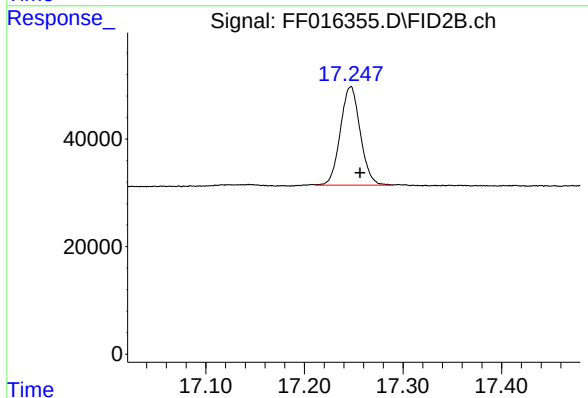
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: -0.011 min
Response: 263011
Conc: 2.10 ug/ml

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

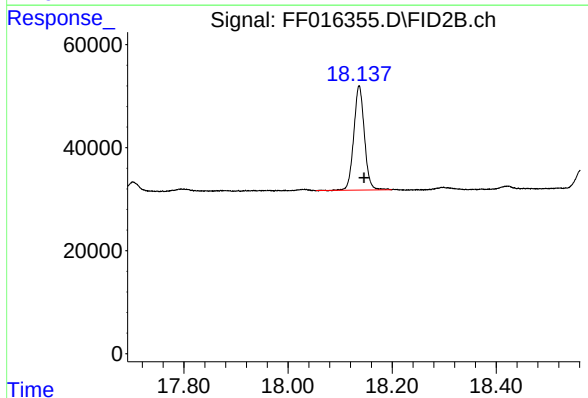
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/10/2025
Supervised By :mohammad ahmed 09/11/2025



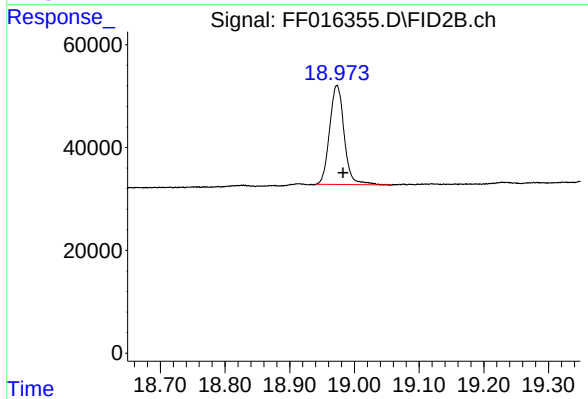
#16 n-Octacosane (C28)

R.T.: 17.247 min
Delta R.T.: -0.009 min
Response: 256840
Conc: 2.10 ug/ml m



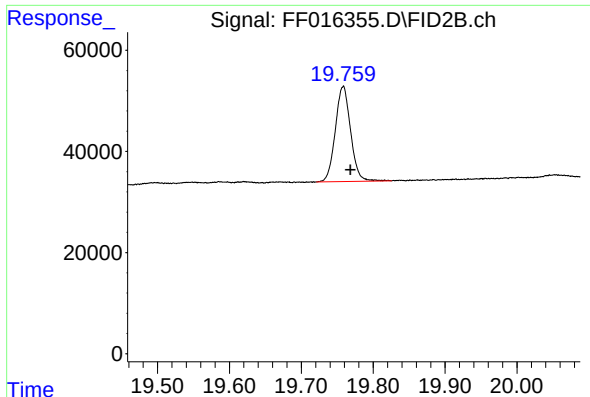
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: -0.010 min
Response: 286507
Conc: 2.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: -0.009 min
Response: 300905
Conc: 2.50 ug/ml



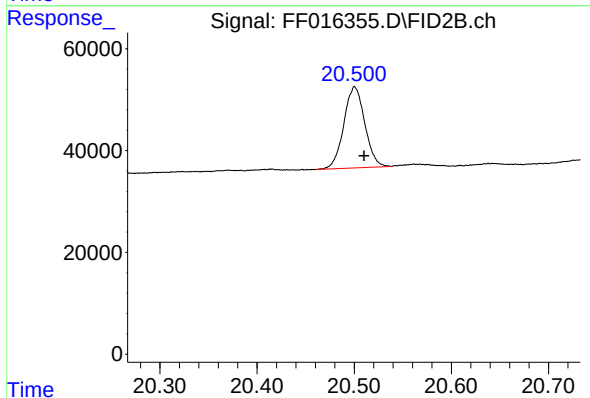
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: -0.010 min
Response: 278143
Conc: 2.55 ug/ml

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

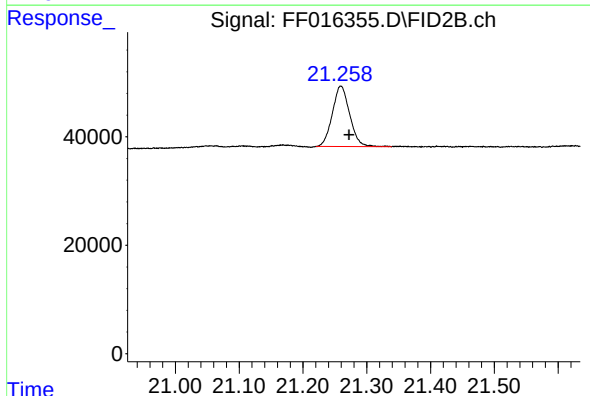
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/10/2025
Supervised By :mohammad ahmed 09/11/2025



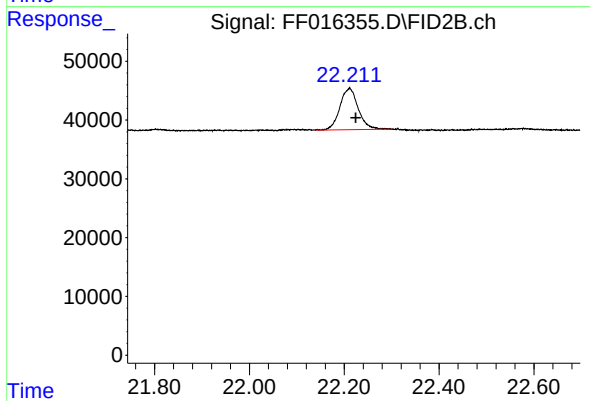
#20 n-Hexatriacontane (C36)

R.T.: 20.500 min
Delta R.T.: -0.010 min
Response: 239027
Conc: 2.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: -0.013 min
Response: 210536
Conc: 2.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: -0.013 min
Response: 188706
Conc: 2.40 ug/ml