

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016018.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2025 09:52
 Operator : YP\AJ
 Sample : Q2126-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 18 02:56:58 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...	13.439	4432501	39.533 ug/ml
Spiked Amount 50.000		Recovery =	79.07%
Target Compounds			
1) T n-Nonane (C9)	3.366	162193	1.383 ug/ml
2) T n-Decane (C10)	4.623	204246	1.707 ug/mlm
4) T n-Dodecane (C12)	6.796	240073	1.983 ug/ml
6) T n-Tetradecane (C14)	8.627	273280	2.247 ug/ml
7) T n-Hexadecane (C16)	10.235	246806	1.950 ug/ml
8) T n-Octadecane (C18)	11.679	274944	2.108 ug/ml
10) T n-Eicosane (C20)	12.990	287033	2.235 ug/ml
11) T n-Heneicosane (C21)	13.603	264174	2.074 ug/ml
13) T n-Docosane (C22)	14.190	279856	2.187 ug/ml
14) T n-Tetracosane (C24)	15.295	285596	2.201 ug/mlm
15) T n-Hexacosane (C26)	16.318	276585	2.156 ug/ml
16) T n-Octacosane (C28)	17.269	295335	2.354 ug/ml
17) T n-Tricontane (C30)	18.158	335685	2.684 ug/mlm
18) T n-Dotriacontane (C32)	18.993	345892	2.926 ug/ml
19) T n-Tetratriacontane (C34)	19.777	299927	2.846 ug/ml
20) T n-Hexatriacontane (C36)	20.518	257214	2.858 ug/ml
21) T n-Octatriacontane (C38)	21.279	228246	2.824 ug/ml
22) T n-Tetracontane (C40)	22.234	191328	2.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
Data File : FF016018.D
Signal(s) : FID2B.ch
Acq On : 17 Jun 2025 09:52
Operator : YP\AJ
Sample : Q2126-03
Misc : 2.5 PPM SOIL MDL
ALS Vial : 23 Sample Multiplier: 1

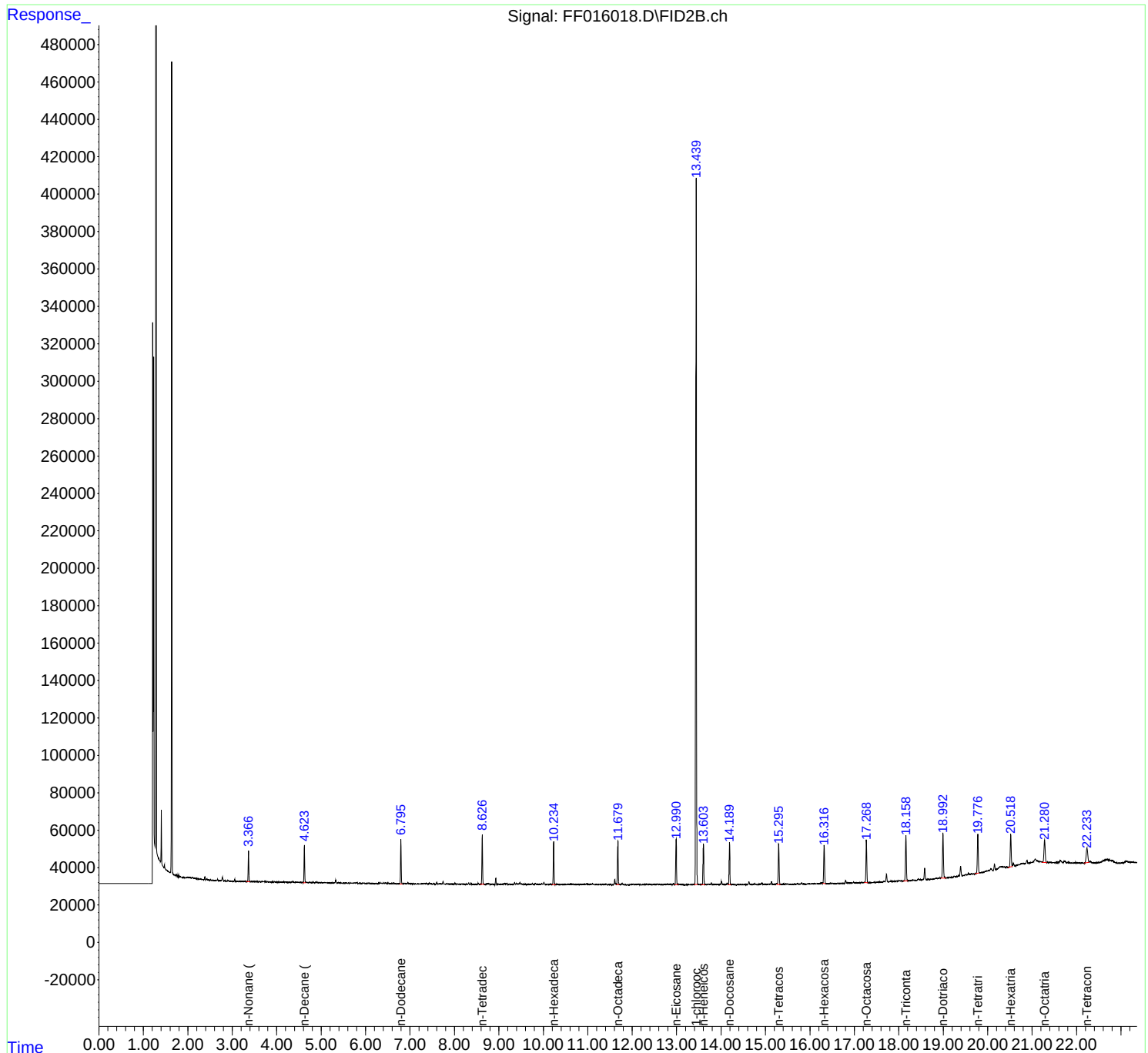
Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT2-2025

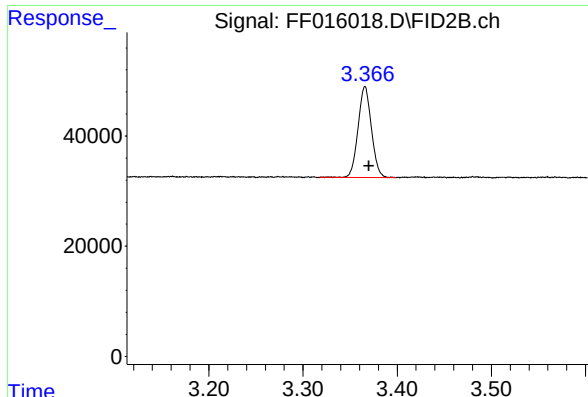
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
Quant Time: Jun 18 02:56:58 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





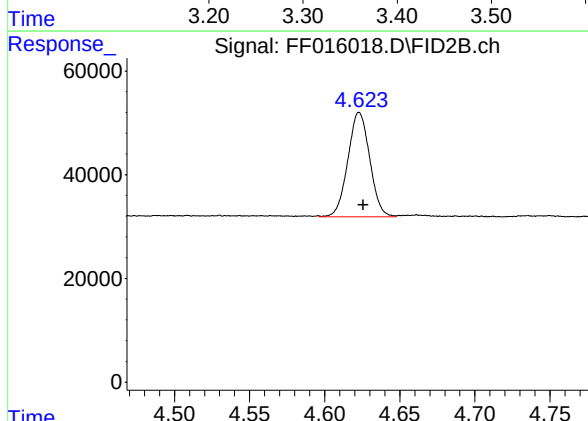
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.004 min
Response: 162193
Conc: 1.38 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT2-2025

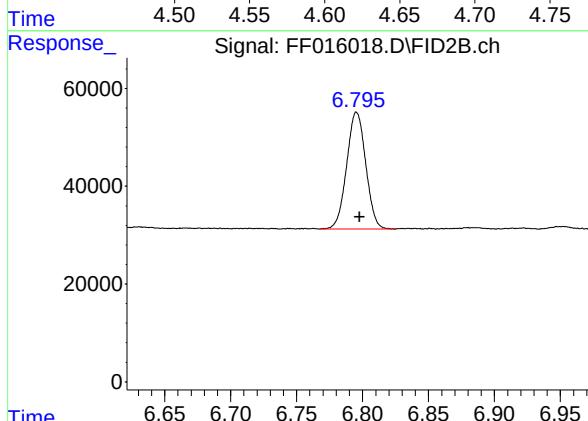
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



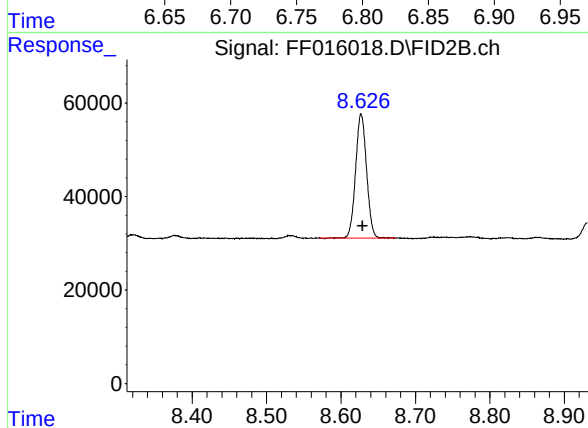
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 204246
Conc: 1.71 ug/ml



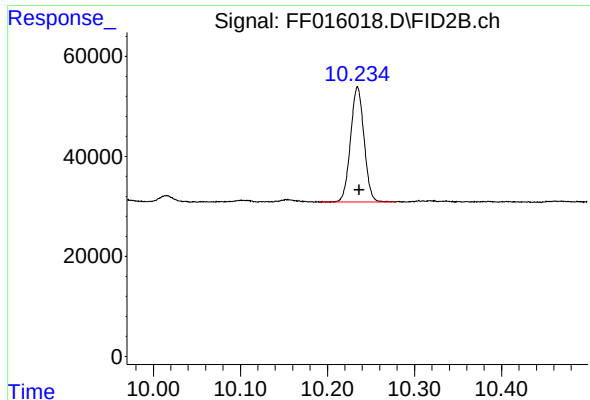
#4 n-Dodecane (C12)

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 240073
Conc: 1.98 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 273280
Conc: 2.25 ug/ml



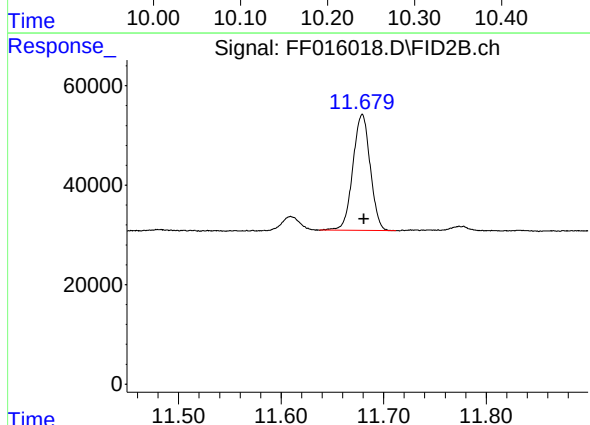
#7 n-Hexadecane (C16)

R.T.: 10.235 min
Delta R.T.: -0.002 min
Response: 246806
Conc: 1.95 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT2-2025

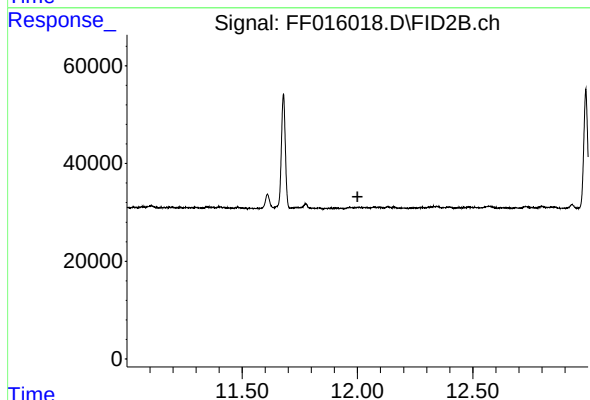
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



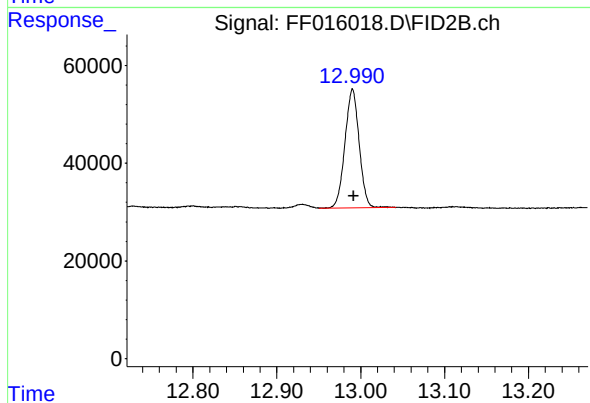
#8 n-Octadecane (C18)

R.T.: 11.679 min
Delta R.T.: -0.002 min
Response: 274944
Conc: 2.11 ug/ml



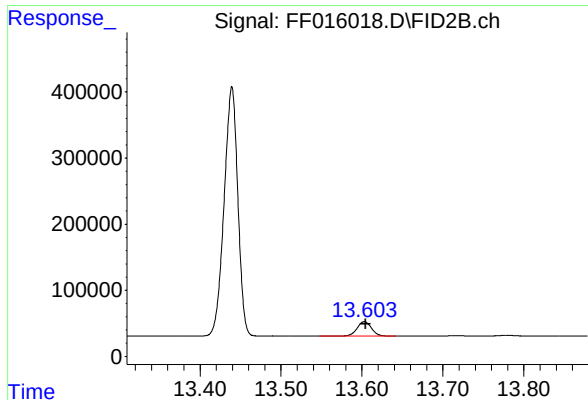
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.990 min
Delta R.T.: -0.001 min
Response: 287033
Conc: 2.23 ug/ml



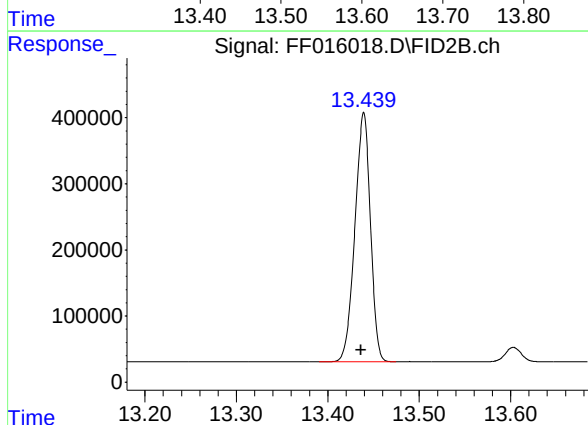
#11 n-Heneicosane (C21)

R.T.: 13.603 min
Delta R.T.: -0.001 min
Response: 264174
Conc: 2.07 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT2-2025

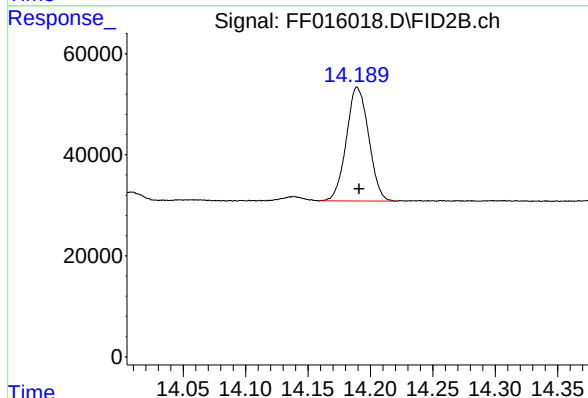
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



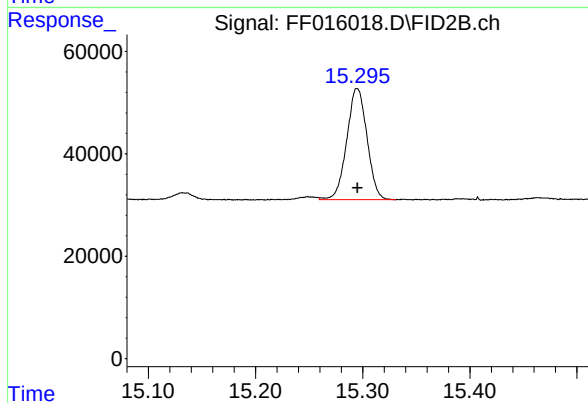
#12 1-chlorooctadecane (SURR)

R.T.: 13.439 min
Delta R.T.: 0.003 min
Response: 4432501
Conc: 39.53 ug/ml



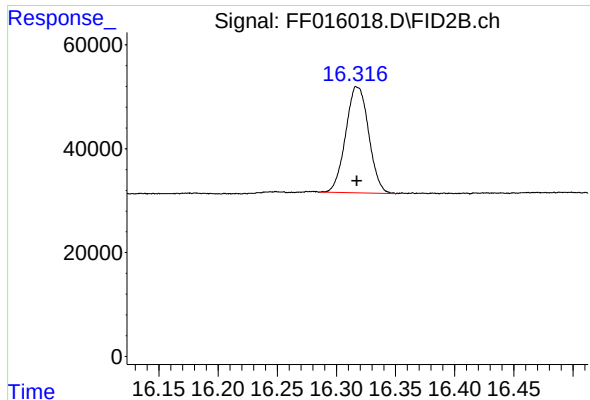
#13 n-Docosane (C22)

R.T.: 14.190 min
Delta R.T.: -0.001 min
Response: 279856
Conc: 2.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.295 min
Delta R.T.: 0.000 min
Response: 285596
Conc: 2.20 ug/ml m



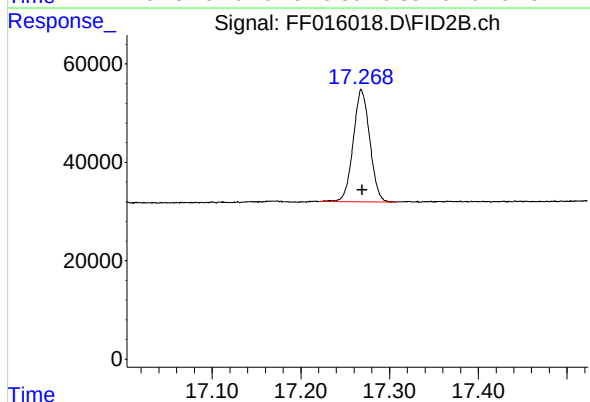
#15 n-Hexacosane (C26)

R.T.: 16.318 min
Delta R.T.: 0.000 min
Response: 276585
Conc: 2.16 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT2-2025

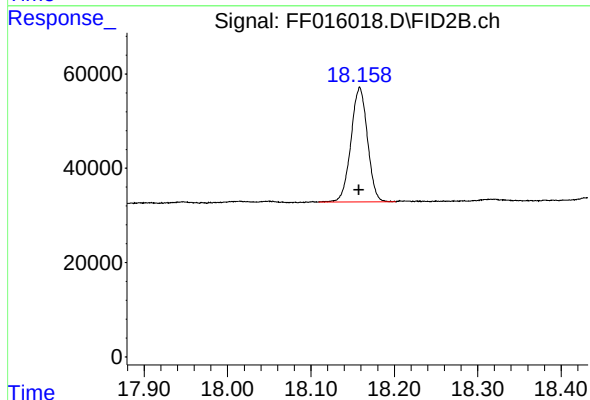
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



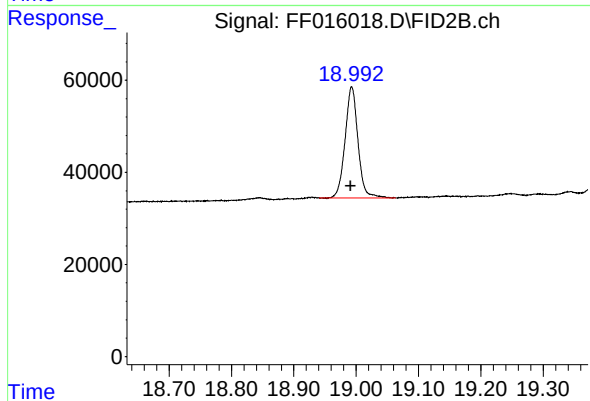
#16 n-Octacosane (C28)

R.T.: 17.269 min
Delta R.T.: 0.000 min
Response: 295335
Conc: 2.35 ug/ml



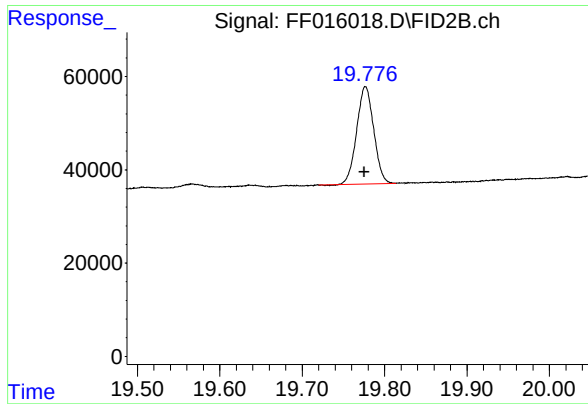
#17 n-Tricontane (C30)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 335685
Conc: 2.68 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.993 min
Delta R.T.: 0.002 min
Response: 345892
Conc: 2.93 ug/ml



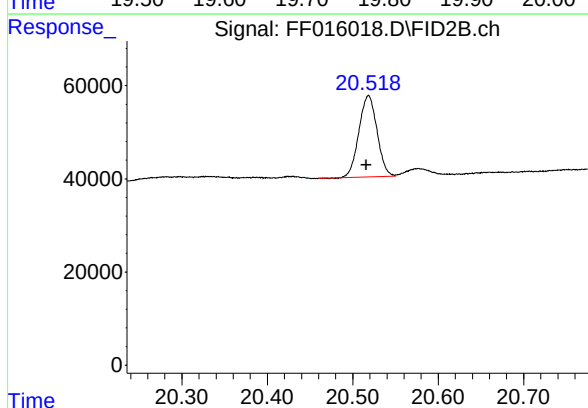
#19 n-Tetratriacontane (C34)

R.T.: 19.777 min
Delta R.T.: 0.001 min
Response: 299927
Conc: 2.85 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT2-2025

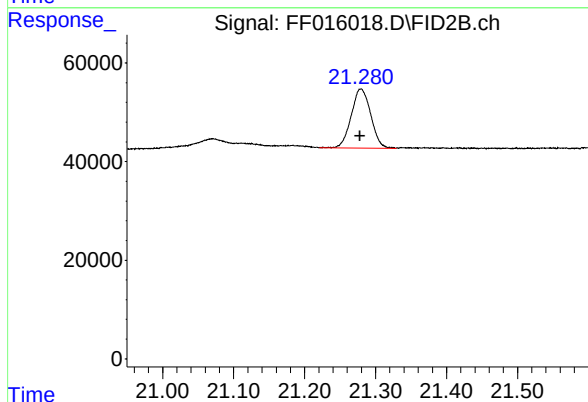
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



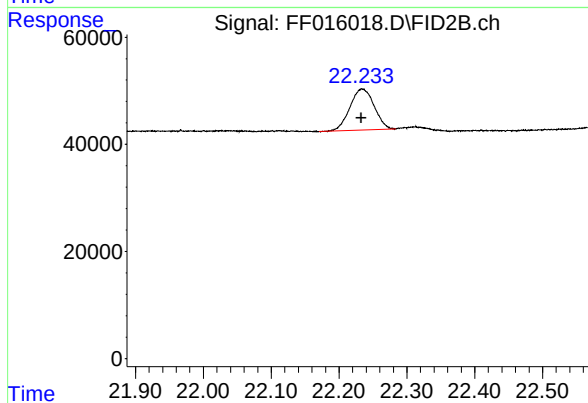
#20 n-Hexatriacontane (C36)

R.T.: 20.518 min
Delta R.T.: 0.002 min
Response: 257214
Conc: 2.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.279 min
Delta R.T.: 0.001 min
Response: 228246
Conc: 2.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.234 min
Delta R.T.: 0.001 min
Response: 191328
Conc: 2.59 ug/ml