

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090825AL\
 Data File : FF016345.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 13:55
 Operator : YP\AJ
 Sample : Q2893-03
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/12/2025

Integration File: autoint1.e
 Quant Time: Sep 09 02:01:22 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...	13.411	3140546	28.155 ug/mlm
Spiked Amount 50.000		Recovery =	56.31%
Target Compounds			
1) T n-Nonane (C9)	3.329	149441	1.278 ug/ml
2) T n-Decane (C10)	4.589	173043	1.461 ug/ml
4) T n-Dodecane (C12)	6.766	207285	1.727 ug/ml
6) T n-Tetradecane (C14)	8.598	255824	2.123 ug/ml
7) T n-Hexadecane (C16)	10.208	212297	1.700 ug/mlm
8) T n-Octadecane (C18)	11.652	270312	2.087 ug/mlm
10) T n-Eicosane (C20)	12.965	271905	2.126 ug/ml
11) T n-Heneicosane (C21)	13.579	248064	1.954 ug/ml
13) T n-Docosane (C22)	14.167	259665	2.045 ug/ml
14) T n-Tetracosane (C24)	15.272	257989	2.017 ug/mlm
15) T n-Hexacosane (C26)	16.294	246417	1.971 ug/mlm
16) T n-Octacosane (C28)	17.248	240955	1.967 ug/ml
17) T n-Tricontane (C30)	18.137	249641	2.004 ug/mlm
18) T n-Dotriacontane (C32)	18.973	258434	2.144 ug/ml
19) T n-Tetratriacontane (C34)	19.758	244032	2.238 ug/ml
20) T n-Hexatriacontane (C36)	20.502	220517	2.363 ug/ml
21) T n-Octatriacontane (C38)	21.260	204193	2.428 ug/ml
22) T n-Tetracontane (C40)	22.213	193264	2.462 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090825AL\
Data File : FF016345.D
Signal(s) : FID2B.ch
Acq On : 08 Sep 2025 13:55
Operator : YP\AJ
Sample : Q2893-03
Misc :
ALS Vial : 71 Sample Multiplier: 1

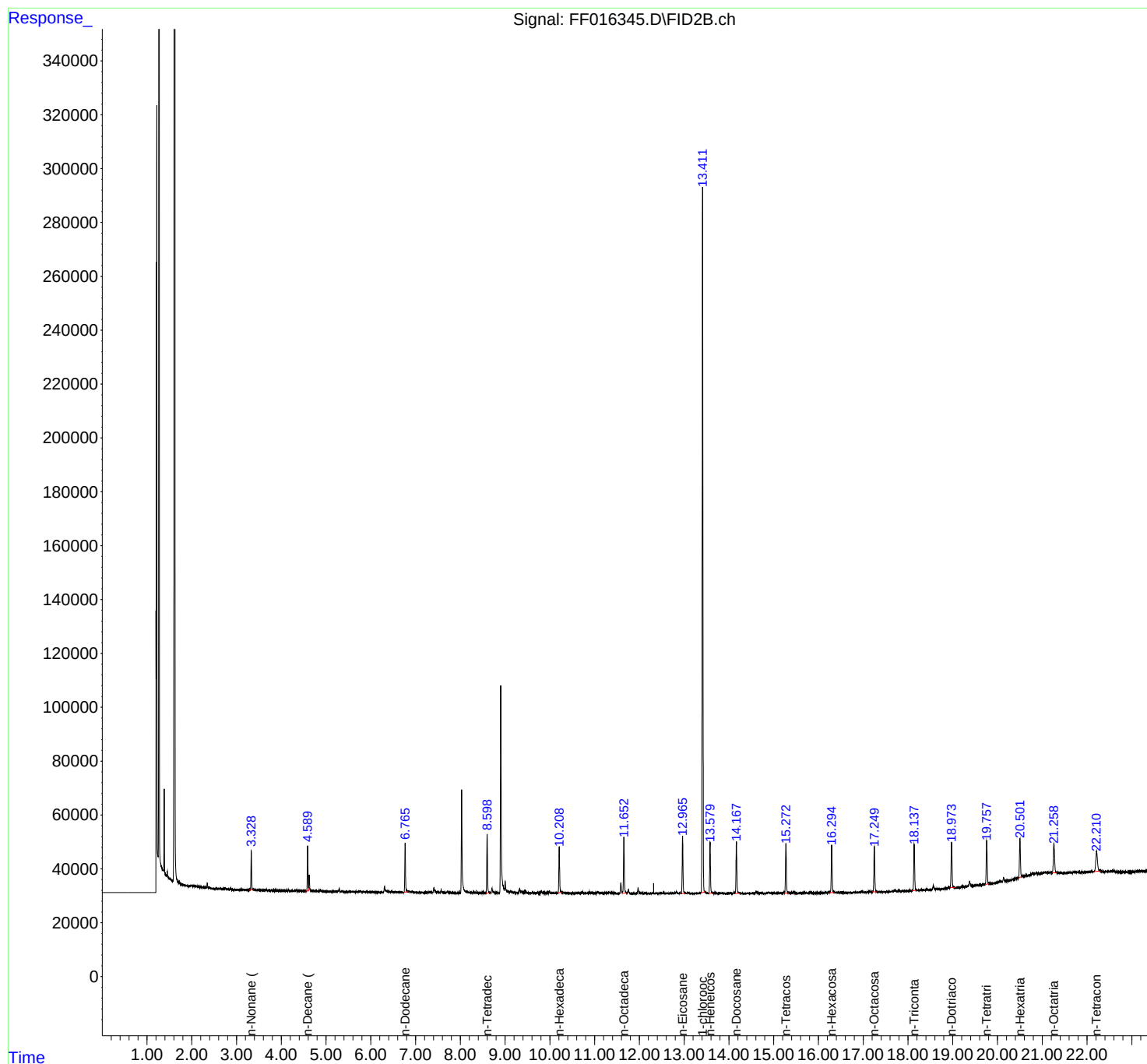
Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT3-2025

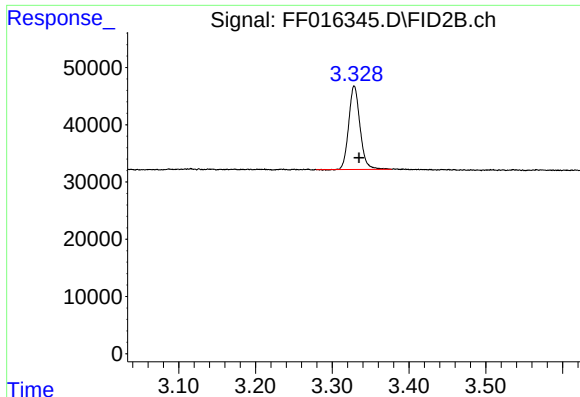
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025

Integration File: autoint1.e
Quant Time: Sep 09 02:01:22 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





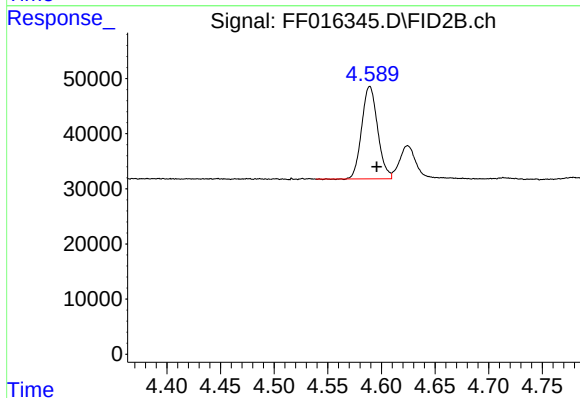
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 149441
Conc: 1.28 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT3-2025

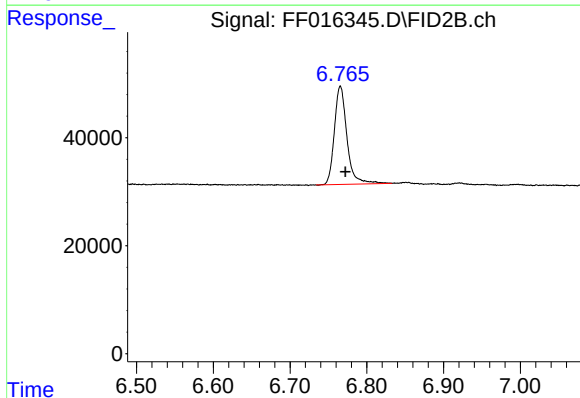
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



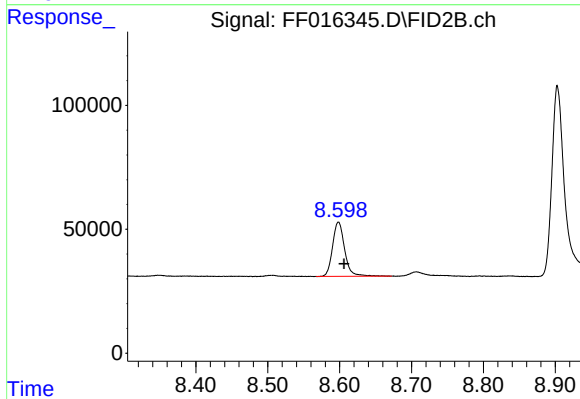
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 173043
Conc: 1.46 ug/ml



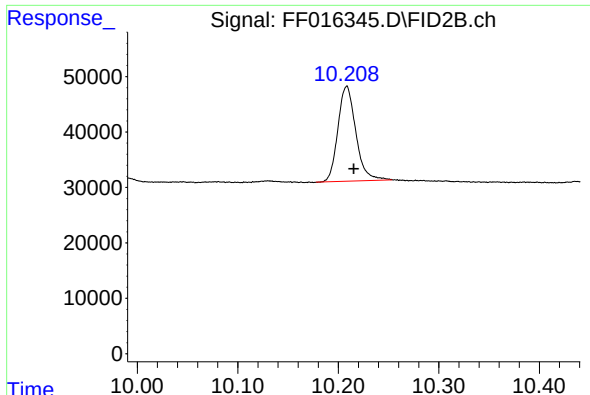
#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 207285
Conc: 1.73 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.008 min
Response: 255824
Conc: 2.12 ug/ml



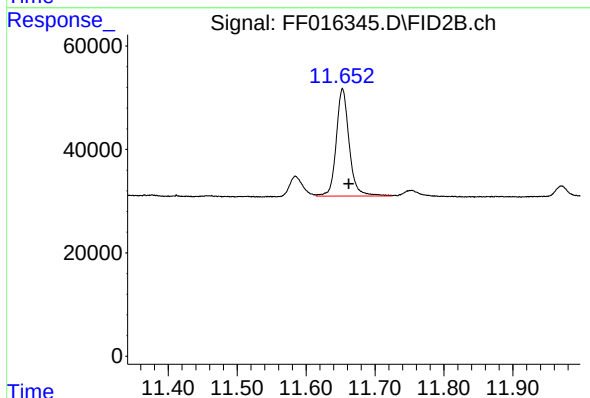
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.007 min
Response: 212297
Conc: 1.70 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT3-2025

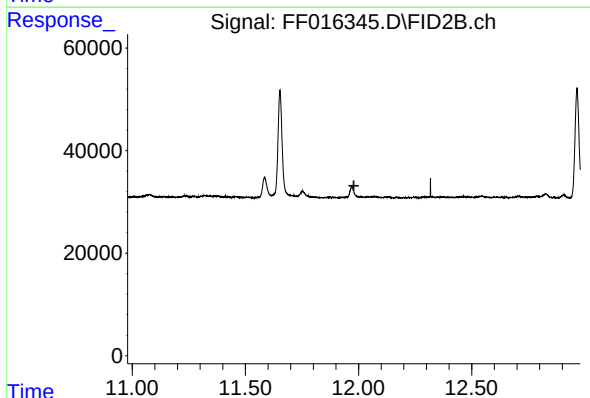
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



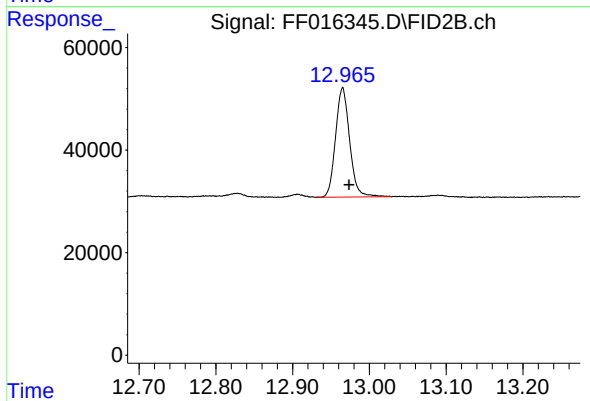
#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.010 min
Response: 270312
Conc: 2.09 ug/ml m



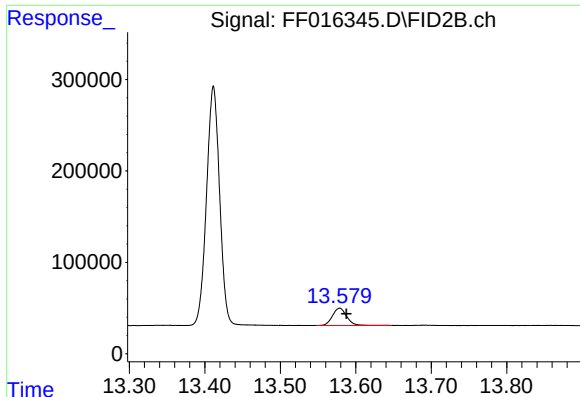
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.008 min
Response: 271905
Conc: 2.13 ug/ml



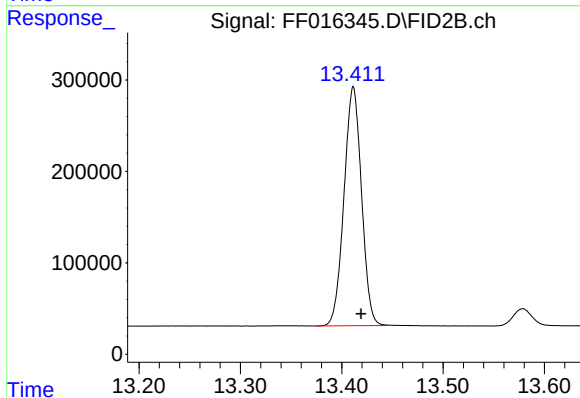
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.009 min
Response: 248064
Conc: 1.95 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT3-2025

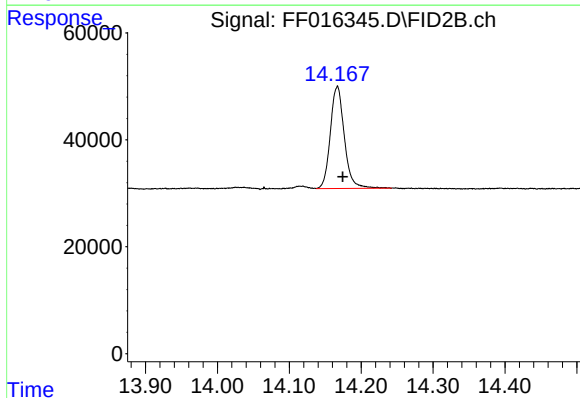
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



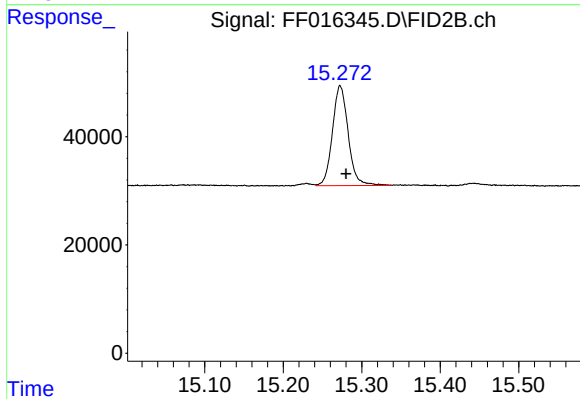
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.008 min
Response: 3140546
Conc: 28.16 ug/ml m



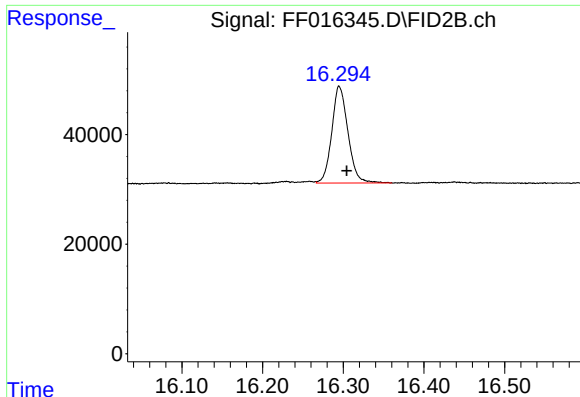
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: -0.008 min
Response: 259665
Conc: 2.05 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: -0.008 min
Response: 257989
Conc: 2.02 ug/ml m



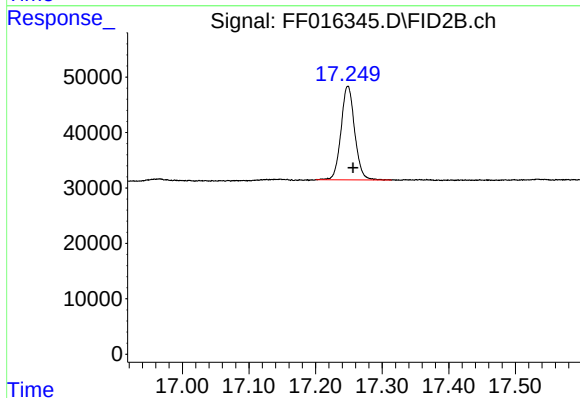
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: -0.010 min
Response: 246417
Conc: 1.97 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT3-2025

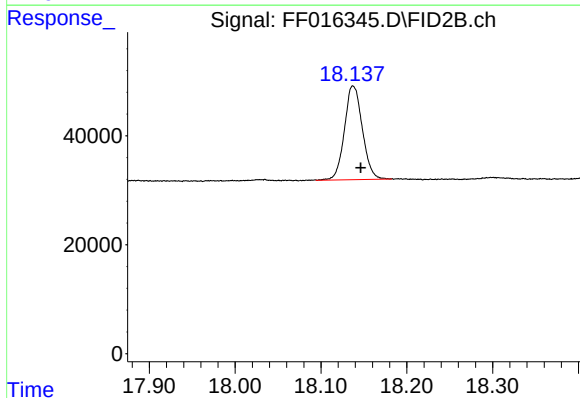
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



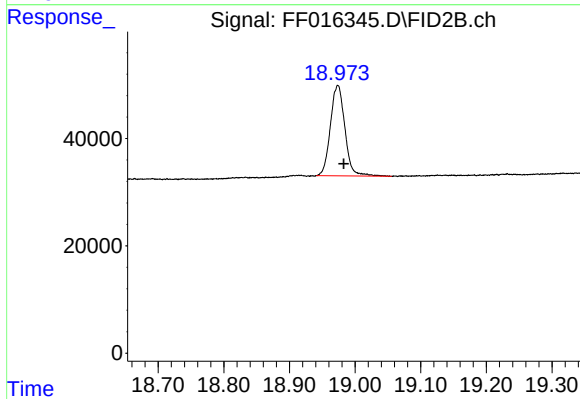
#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: -0.008 min
Response: 240955
Conc: 1.97 ug/ml



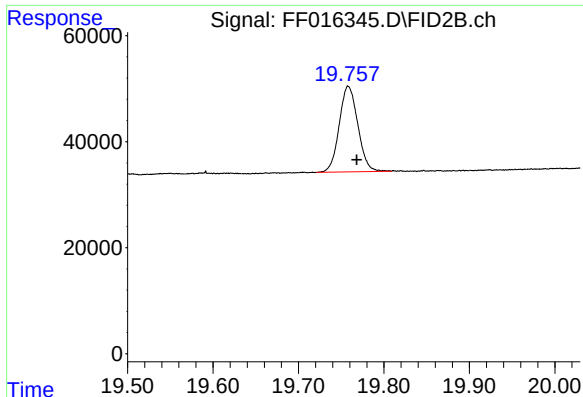
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: -0.010 min
Response: 249641
Conc: 2.00 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: -0.009 min
Response: 258434
Conc: 2.14 ug/ml



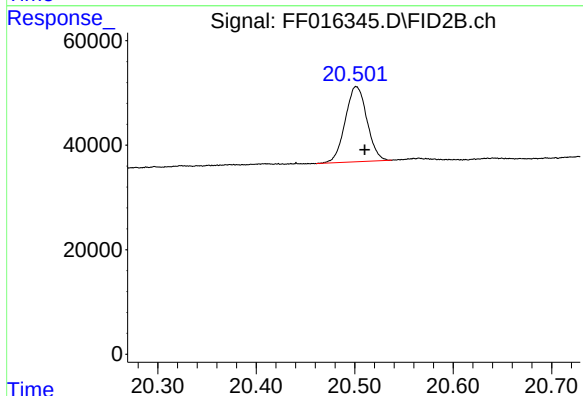
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: -0.010 min
Response: 244032
Conc: 2.24 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT3-2025

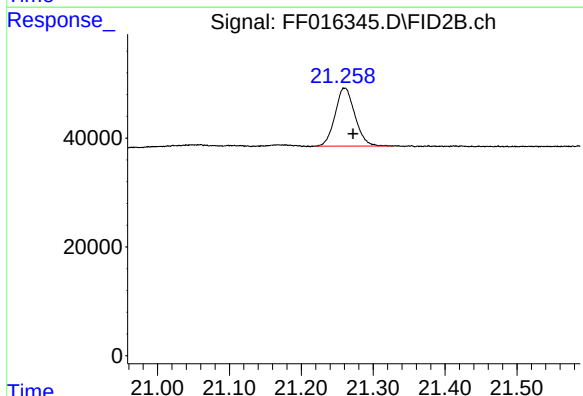
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



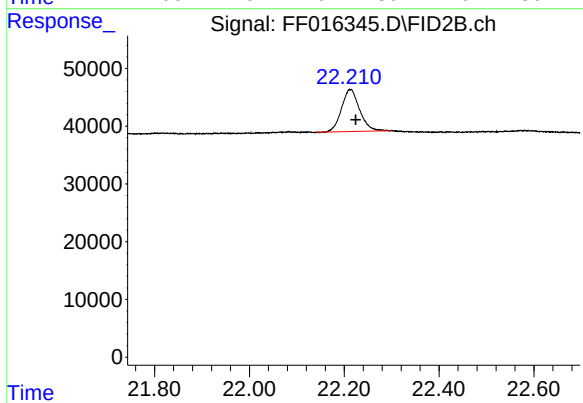
#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: -0.008 min
Response: 220517
Conc: 2.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: -0.012 min
Response: 204193
Conc: 2.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.213 min
Delta R.T.: -0.011 min
Response: 193264
Conc: 2.46 ug/ml