

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014668.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 18:25
 Operator : YP\AJ
 Sample : P4368-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 02:10:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 2024
 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...	13.230	5210314	43.483 ug/ml
Spiked Amount 50.000		Recovery =	86.97%
Target Compounds			
1) T n-Nonane (C9)	3.195	228293	1.815 ug/ml
2) T n-Decane (C10)	4.442	283801	2.228 ug/mlm
4) T n-Dodecane (C12)	6.607	331669	2.570 ug/ml
6) T n-Tetradecane (C14)	8.432	358752	2.794 ug/ml
7) T n-Hexadecane (C16)	10.038	355105	2.699 ug/ml
8) T n-Octadecane (C18)	11.479	406522	2.951 ug/ml
10) T n-Eicosane (C20)	12.785	494745	3.559 ug/ml
11) T n-Heneicosane (C21)	13.396	461652	3.324 ug/ml
13) T n-Docosane (C22)	13.981	542781	3.863 ug/ml
14) T n-Tetracosane (C24)	15.084	650226	4.516 ug/ml
15) T n-Hexacosane (C26)	16.104	698931	4.812 ug/ml
16) T n-Octacosane (C28)	17.051	712458	4.817 ug/ml
17) T n-Tricontane (C30)	17.937	672210	4.306 ug/ml
18) T n-Dotriacontane (C32)	18.768	647138	4.223 ug/ml
19) T n-Tetratriacontane (C34)	19.550	478760	3.714 ug/ml
20) T n-Hexatriacontane (C36)	20.291	378507	3.656 ug/ml
21) T n-Octatriacontane (C38)	21.009	308369	3.435 ug/ml
22) T n-Tetracontane (C40)	21.872	173162	2.212 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
Data File : FF014668.D
Signal(s) : FID2B.ch
Acq On : 14 Oct 2024 18:25
Operator : YP\AJ
Sample : P4368-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

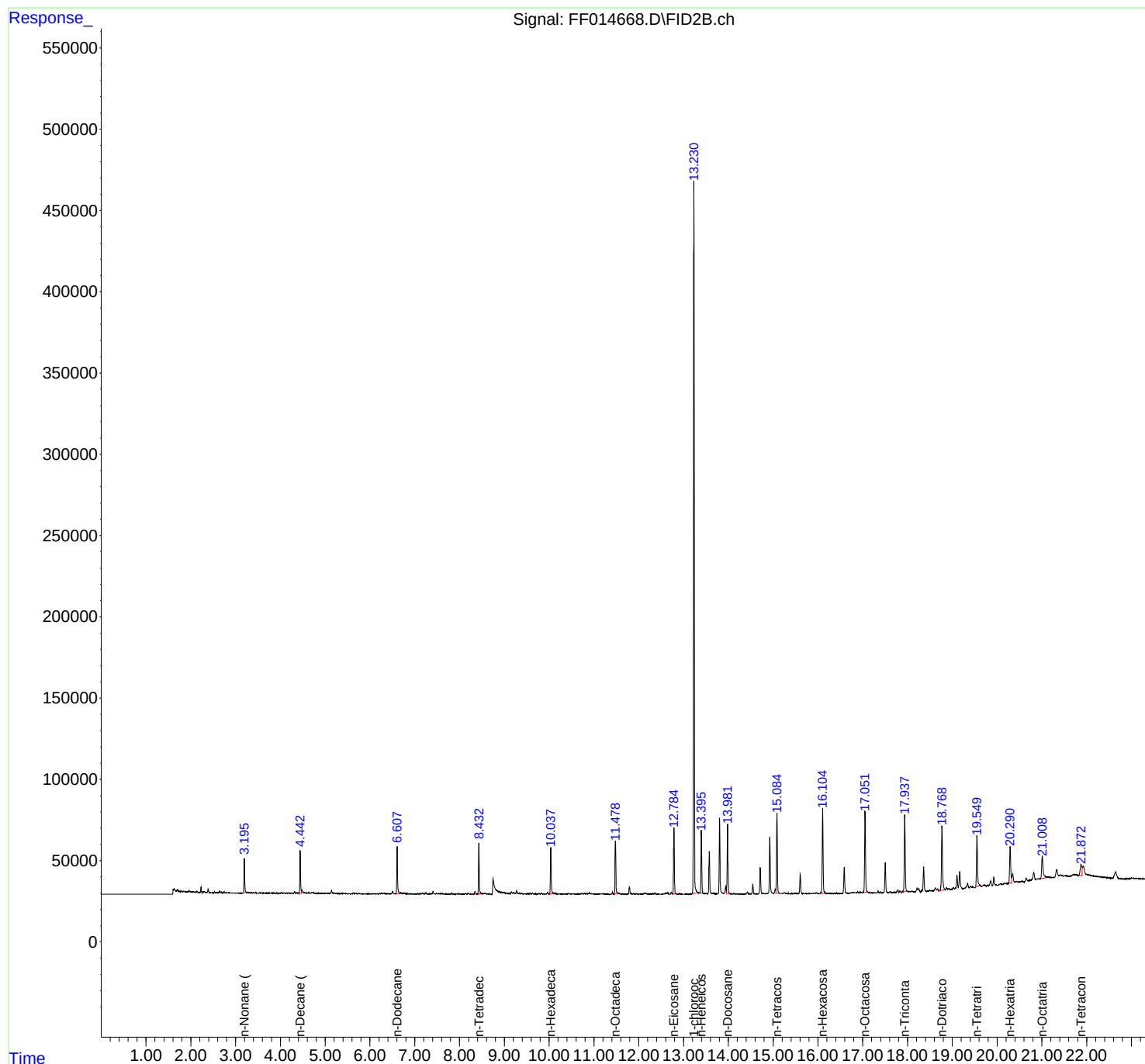
Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

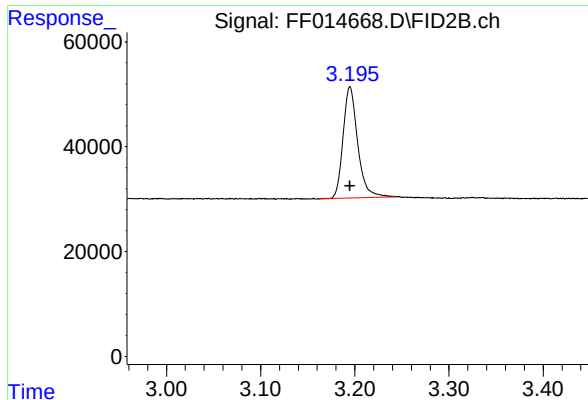
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
Quant Time: Oct 15 02:10:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Wed Oct 02 12:50:54 2024
Response via : Initial Calibration
Integrator: ChemStation

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





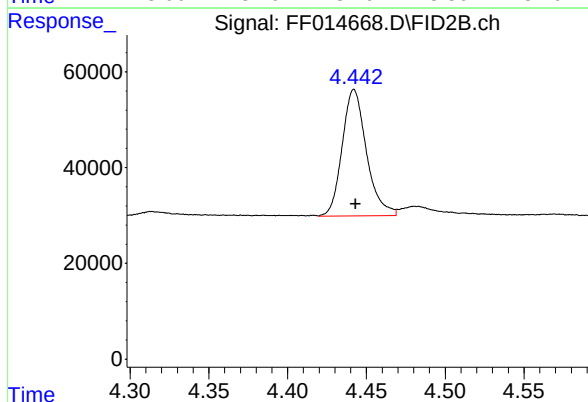
#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 228293
Conc: 1.82 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

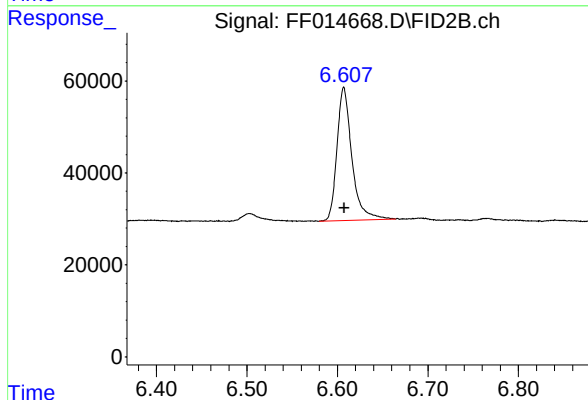
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



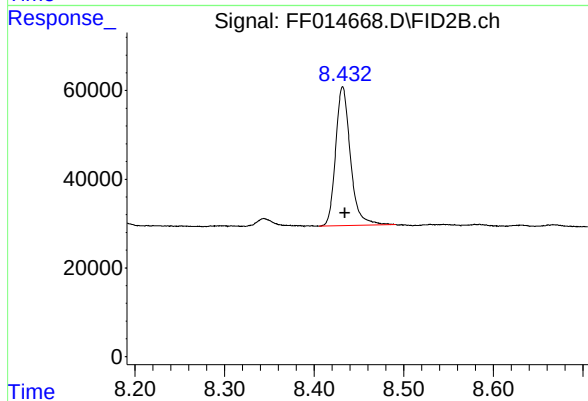
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 283801
Conc: 2.23 ug/ml m



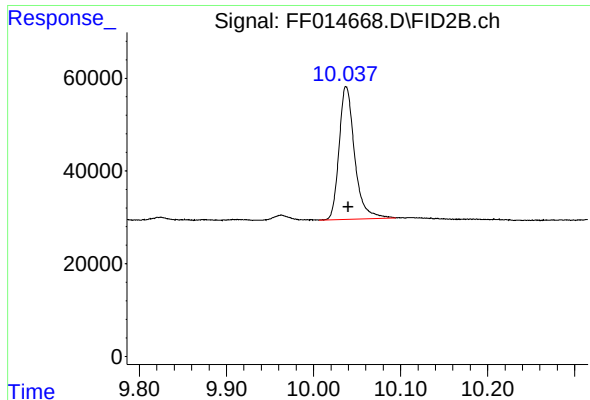
#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 331669
Conc: 2.57 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: -0.002 min
Response: 358752
Conc: 2.79 ug/ml



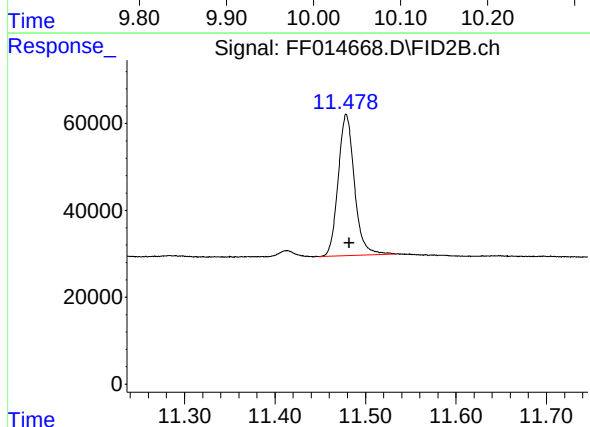
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: -0.002 min
Response: 355105
Conc: 2.70 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

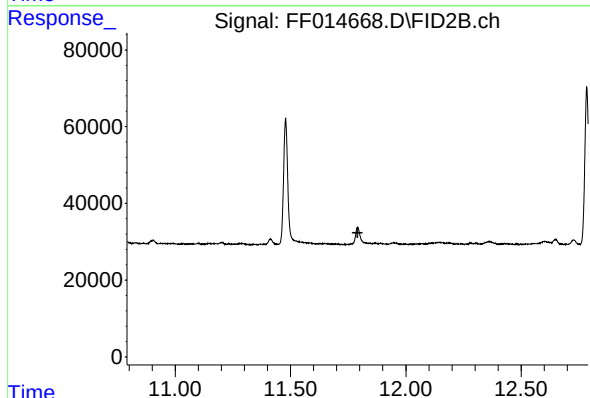
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



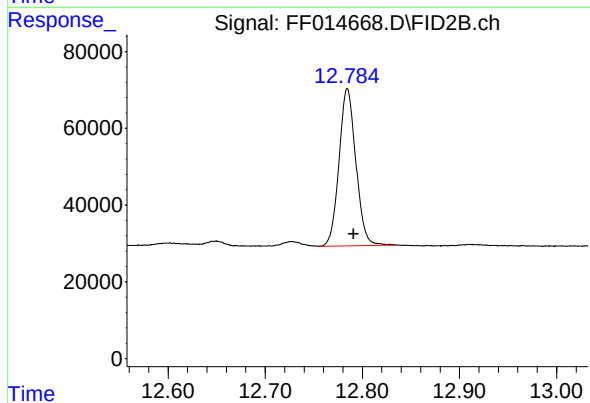
#8 n-Octadecane (C18)

R.T.: 11.479 min
Delta R.T.: -0.003 min
Response: 406522
Conc: 2.95 ug/ml



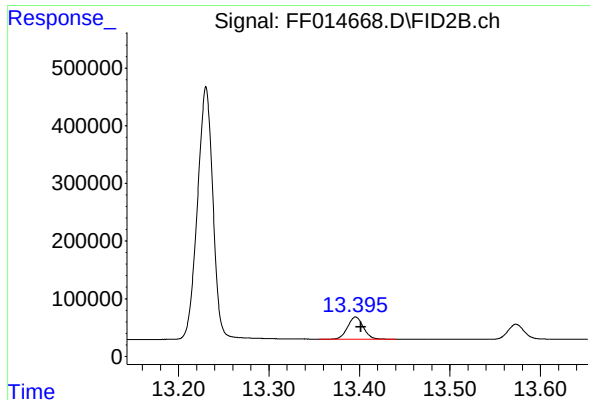
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.791 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.785 min
Delta R.T.: -0.006 min
Response: 494745
Conc: 3.56 ug/ml



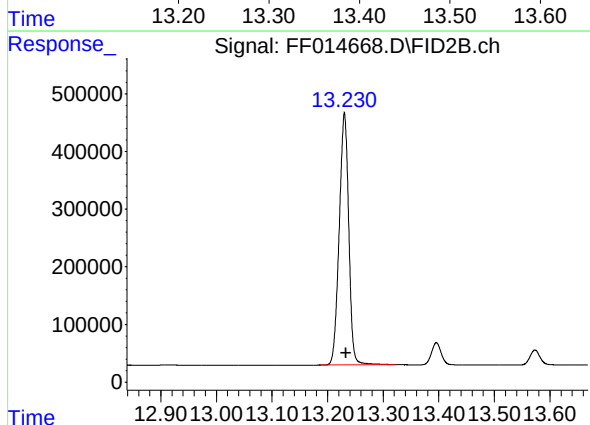
#11 n-Heneicosane (C21)

R.T.: 13.396 min
Delta R.T.: -0.006 min
Response: 461652
Conc: 3.32 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

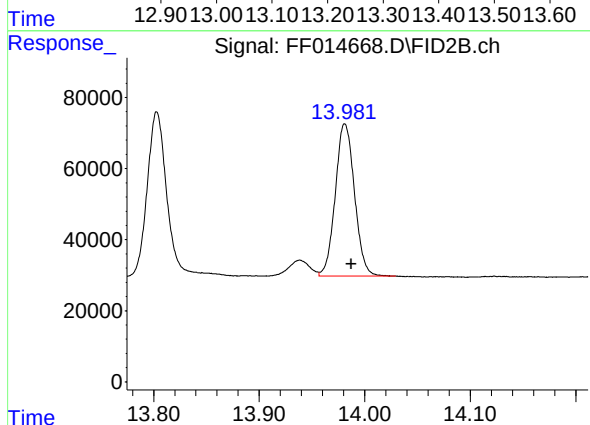
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



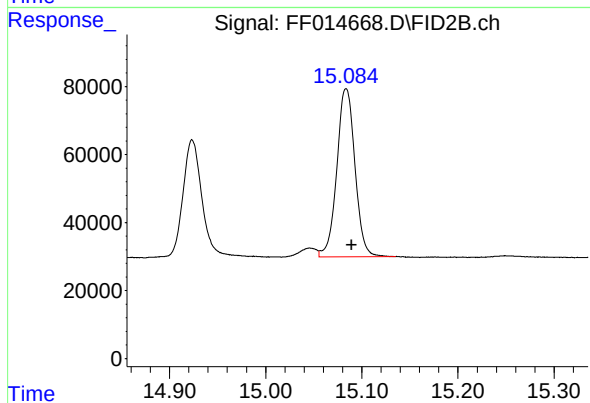
#12 1-chlorooctadecane (SURR)

R.T.: 13.230 min
Delta R.T.: -0.003 min
Response: 5210314
Conc: 43.48 ug/ml



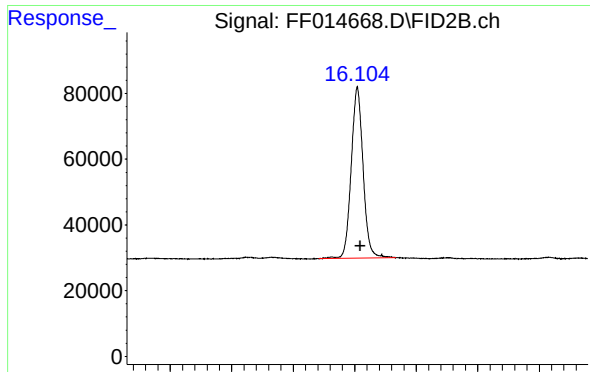
#13 n-Docosane (C22)

R.T.: 13.981 min
Delta R.T.: -0.006 min
Response: 542781
Conc: 3.86 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.084 min
Delta R.T.: -0.006 min
Response: 650226
Conc: 4.52 ug/ml



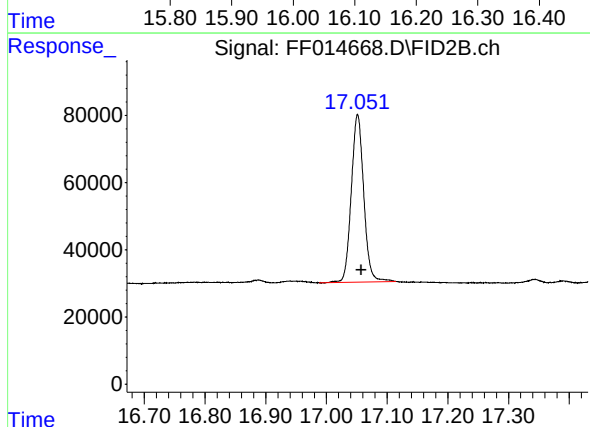
#15 n-Hexacosane (C26)

R.T.: 16.104 min
Delta R.T.: -0.005 min
Response: 698931
Conc: 4.81 ug/ml

Instrument : FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

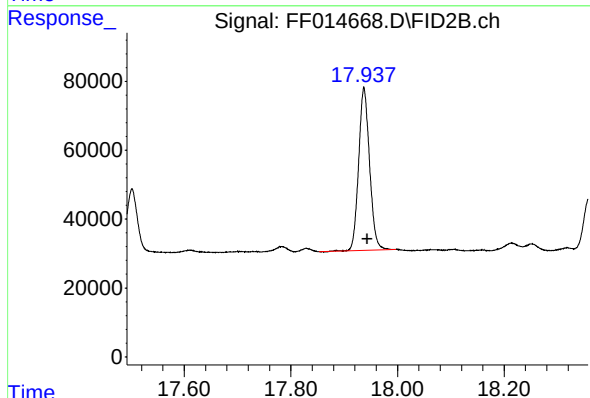
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



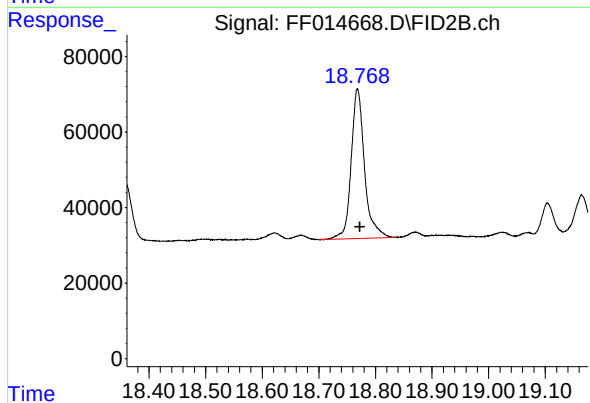
#16 n-Octacosane (C28)

R.T.: 17.051 min
Delta R.T.: -0.006 min
Response: 712458
Conc: 4.82 ug/ml



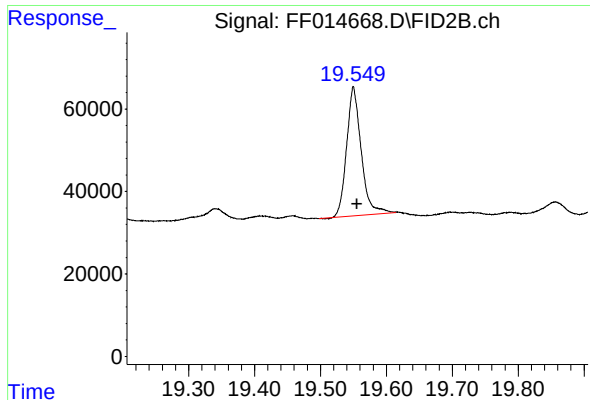
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.007 min
Response: 672210
Conc: 4.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.768 min
Delta R.T.: -0.004 min
Response: 647138
Conc: 4.22 ug/ml



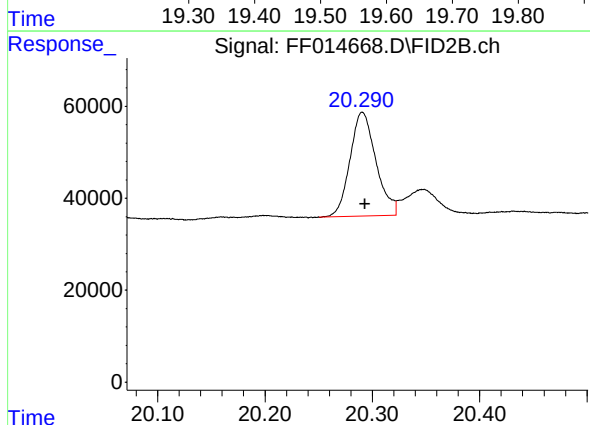
#19 n-Tetratriacontane (C34)

R.T.: 19.550 min
Delta R.T.: -0.005 min
Response: 478760
Conc: 3.71 ug/ml

Instrument : FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

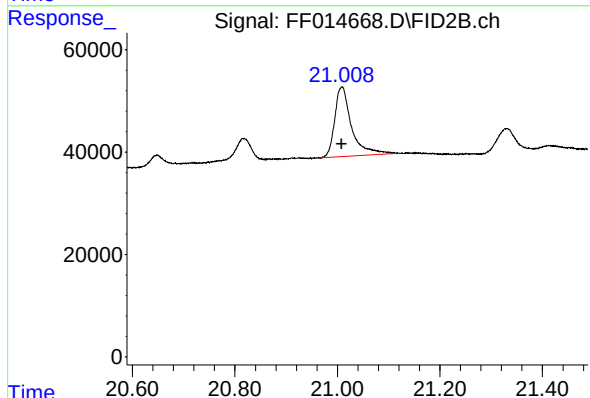
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



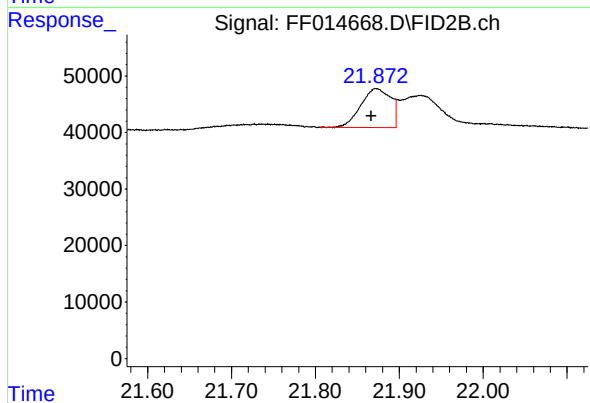
#20 n-Hexatriacontane (C36)

R.T.: 20.291 min
Delta R.T.: -0.002 min
Response: 378507
Conc: 3.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 308369
Conc: 3.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: 0.006 min
Response: 173162
Conc: 2.21 ug/ml m