

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
 Data File : FF013582.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 12:21
 Operator : YP\AJ
 Sample : 04699-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 23:49:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 2023
 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...	13.315	4305633	35.927 ug/ml
Spiked Amount 50.000		Recovery =	71.85%
Target Compounds			
1) T n-Nonane (C9)	3.272	409786	3.221 ug/ml
2) T n-Decane (C10)	4.521	510009	3.946 ug/mlm
4) T n-Dodecane (C12)	6.684	574251	4.423 ug/ml
6) T n-Tetradecane (C14)	8.509	565938	4.444 ug/mlm
7) T n-Hexadecane (C16)	10.116	575157	4.355 ug/ml
8) T n-Octadecane (C18)	11.559	620686	4.535 ug/ml
10) T n-Eicosane (C20)	12.868	708211	5.202 ug/ml
11) T n-Heneicosane (C21)	13.482	672840	4.992 ug/ml
13) T n-Docosane (C22)	14.068	689761	5.116 ug/ml
14) T n-Tetracosane (C24)	15.171	711749	5.210 ug/ml
15) T n-Hexacosane (C26)	16.192	716787	5.265 ug/ml
16) T n-Octacosane (C28)	17.143	699290	5.230 ug/ml
17) T n-Tricontane (C30)	18.030	730399	5.272 ug/ml
18) T n-Dotriacontane (C32)	18.863	773578	5.631 ug/ml
19) T n-Tetratriacontane (C34)	19.646	666141	5.143 ug/ml
20) T n-Hexatriacontane (C36)	20.385	622793	4.994 ug/mlm
21) T n-Octatriacontane (C38)	21.114	560805	4.773 ug/ml
22) T n-Tetracontane (C40)	22.000	556851	4.841 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
Data File : FF013582.D
Signal(s) : FID2B.ch
Acq On : 09 Oct 2023 12:21
Operator : YP\AJ
Sample : 04699-02
Misc : 5PPM SOIL LOQ
ALS Vial : 67 Sample Multiplier: 1

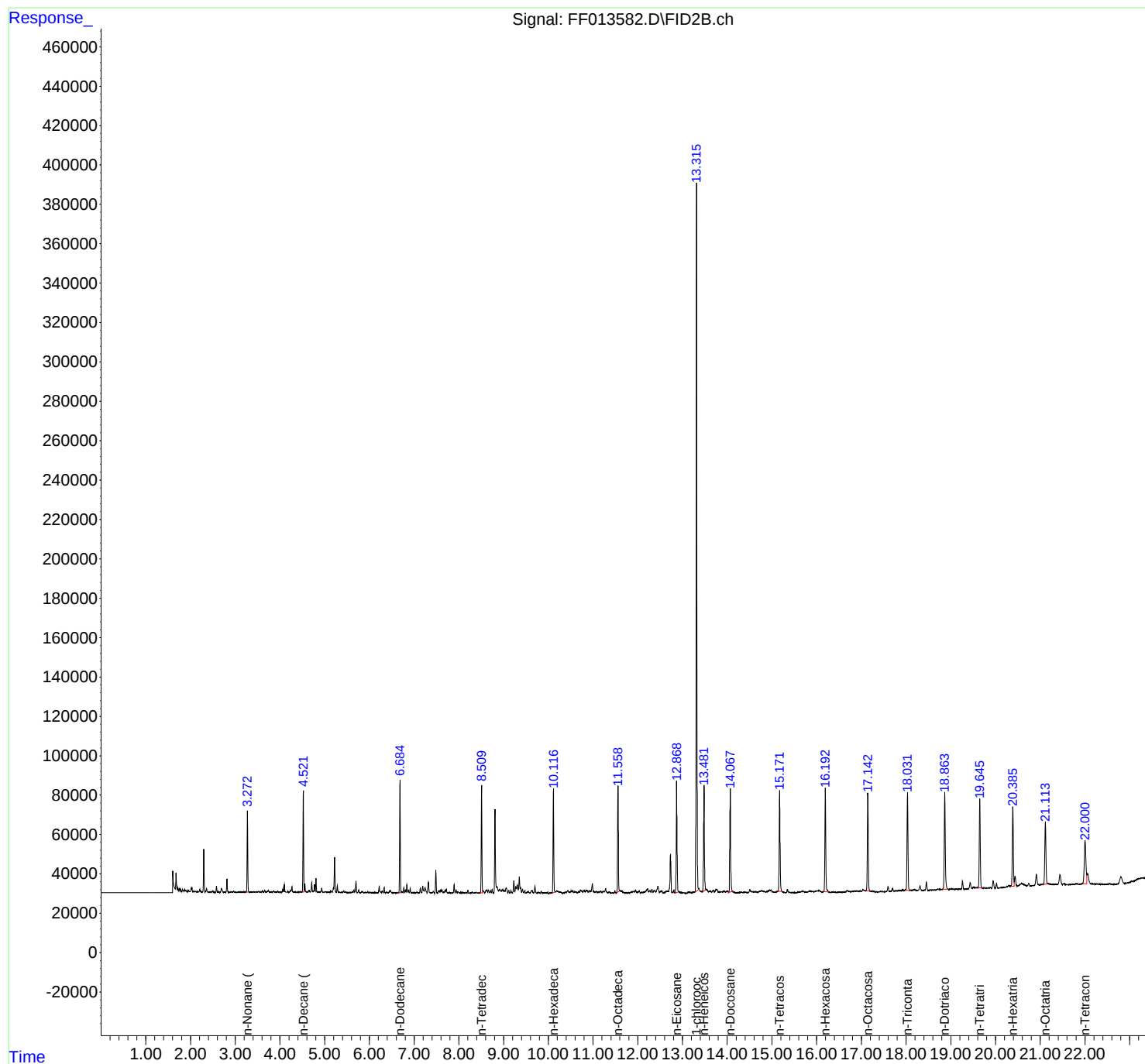
Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2023

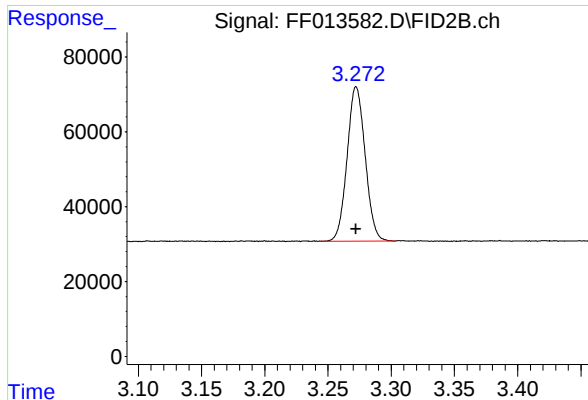
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
Quant Time: Oct 09 23:49:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
Quant Title : GC Extractables
QLast Update : Sat Oct 07 07:01:38 2023
Response via : Initial Calibration
Integrator: ChemStation

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





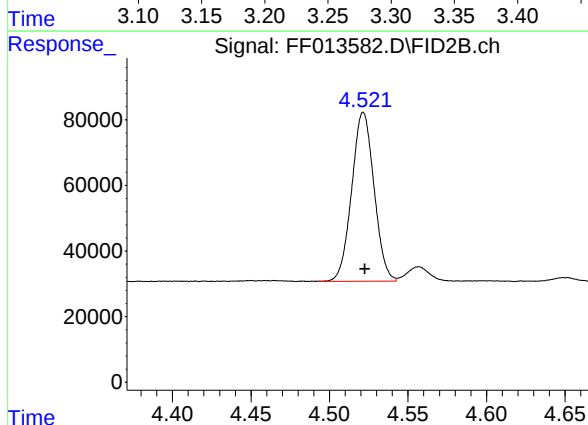
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 409786
Conc: 3.22 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2023

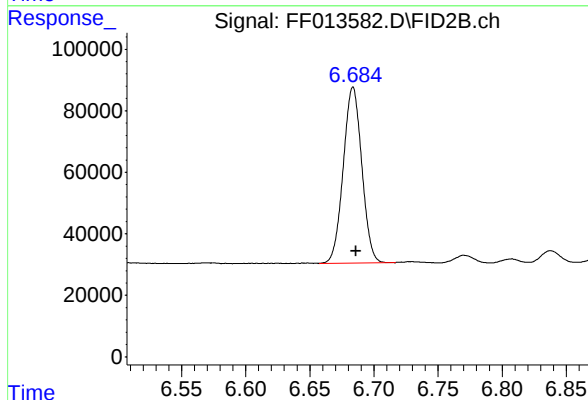
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



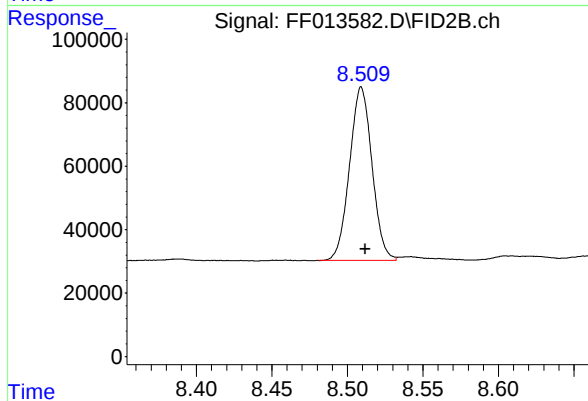
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 510009
Conc: 3.95 ug/ml m



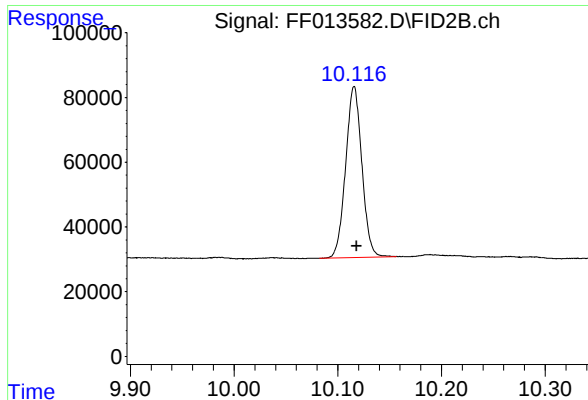
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 574251
Conc: 4.42 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.003 min
Response: 565938
Conc: 4.44 ug/ml m



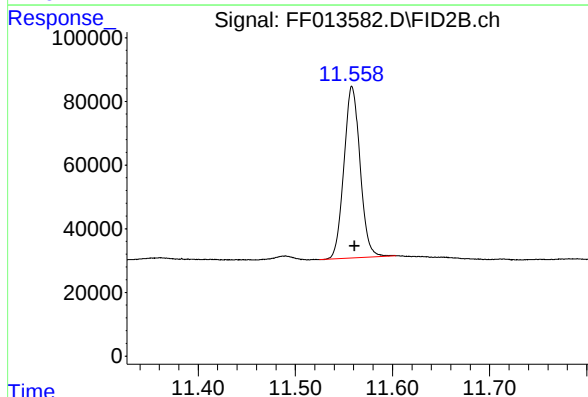
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.002 min
Response: 575157
Conc: 4.35 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-SOIL-02-QT4-2023

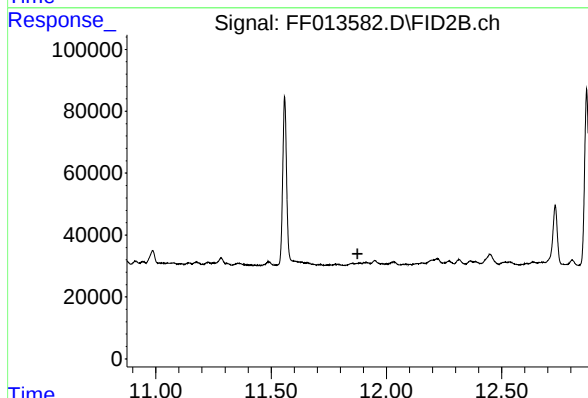
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



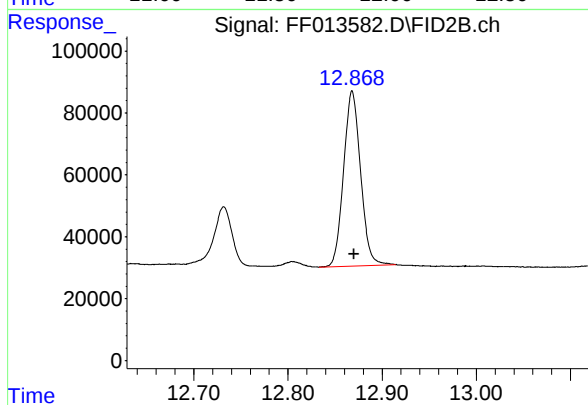
#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.003 min
Response: 620686
Conc: 4.54 ug/ml



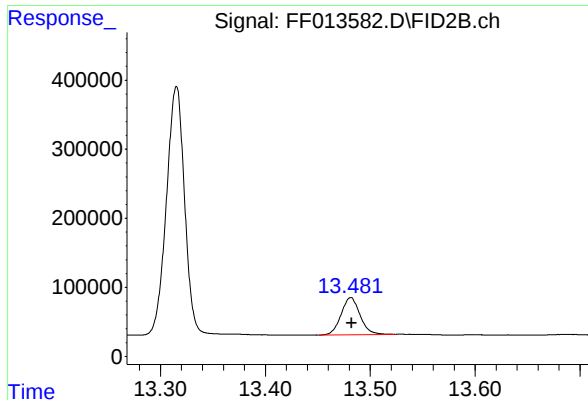
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.875 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.002 min
Response: 708211
Conc: 5.20 ug/ml



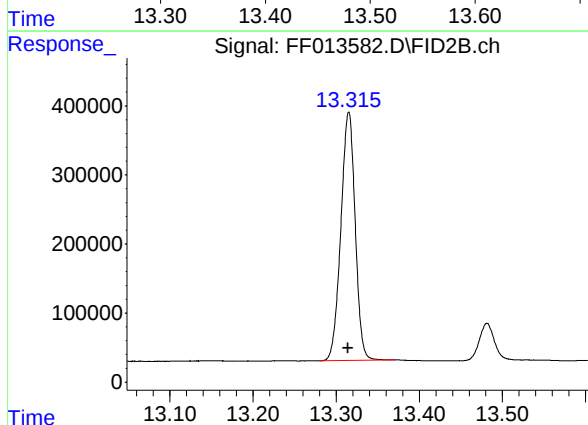
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: 0.000 min
Response: 672840
Conc: 4.99 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2023

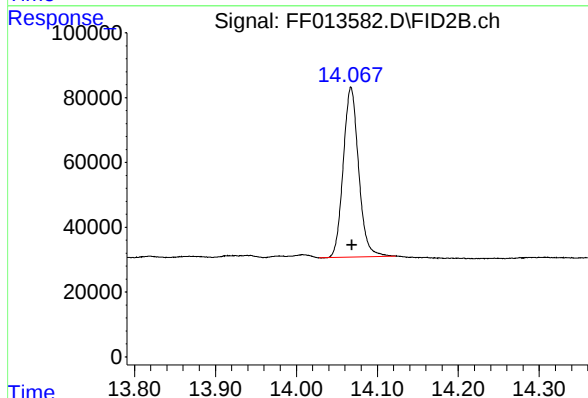
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



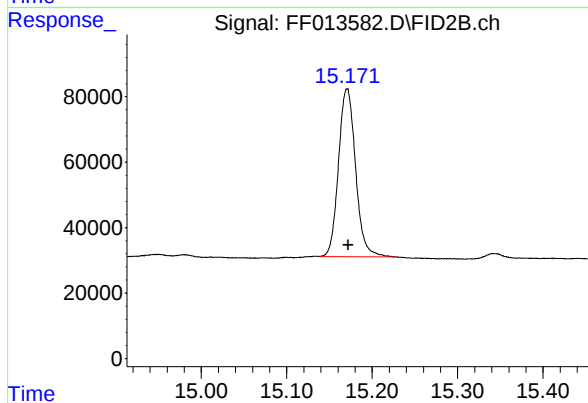
#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: 0.001 min
Response: 4305633
Conc: 35.93 ug/ml



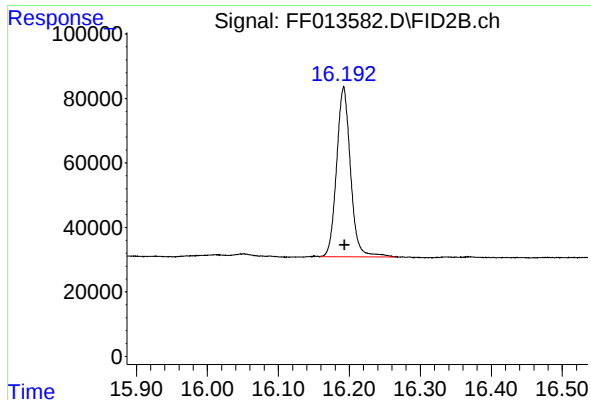
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: -0.001 min
Response: 689761
Conc: 5.12 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.001 min
Response: 711749
Conc: 5.21 ug/ml



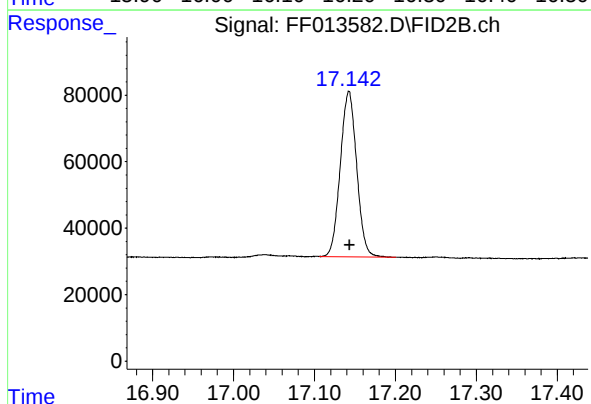
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.001 min
Response: 716787
Conc: 5.27 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-SOIL-02-QT4-2023

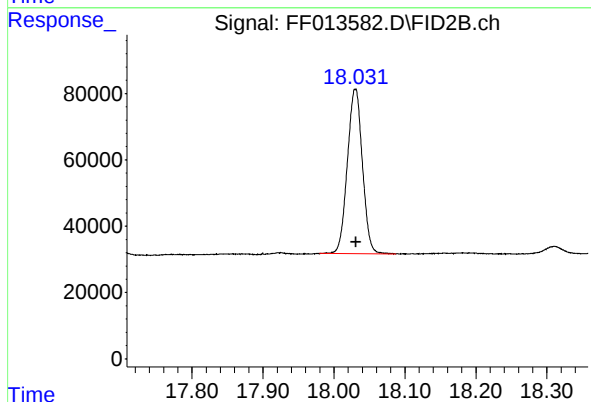
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



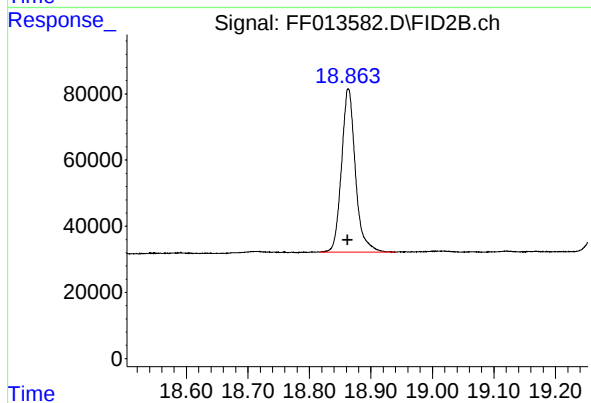
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.001 min
Response: 699290
Conc: 5.23 ug/ml



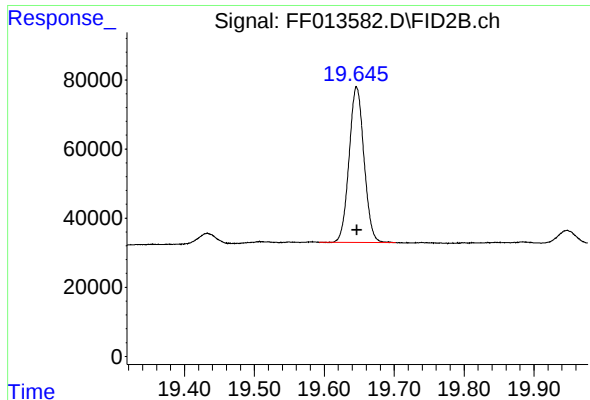
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.000 min
Response: 730399
Conc: 5.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.001 min
Response: 773578
Conc: 5.63 ug/ml



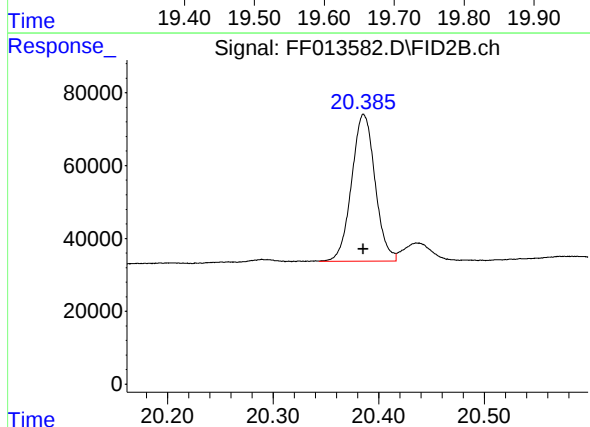
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.000 min
Response: 666141
Conc: 5.14 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-SOIL-02-QT4-2023

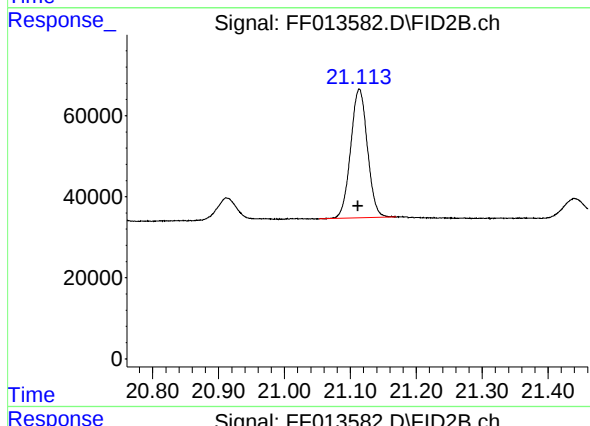
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



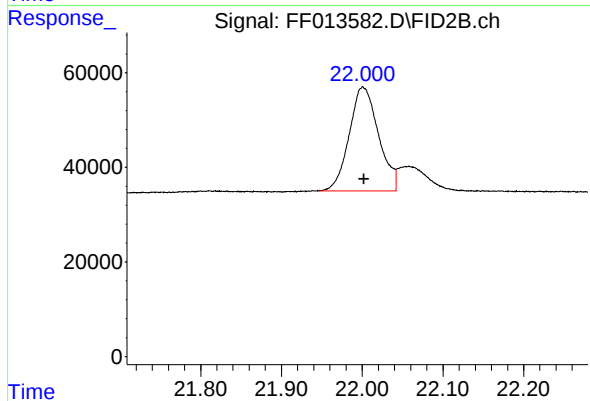
#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.000 min
Response: 622793
Conc: 4.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.002 min
Response: 560805
Conc: 4.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.002 min
Response: 556851
Conc: 4.84 ug/ml m