

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049325.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 10:13
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 01:18:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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...	13.343	3424839	29.313 ug/ml
Spiked Amount 50.000		Recovery =	58.63%
Target Compounds			
1) T n-Nonane (C9)	3.294	189732	1.262 ug/ml
2) T n-Decane (C10)	4.544	238495	1.544 ug/ml
4) T n-Dodecane (C12)	6.710	350657	2.277 ug/ml
6) T n-Tetradecane (C14)	8.538	345835	2.279 ug/ml
7) T n-Hexadecane (C16)	10.145	274347	1.809 ug/ml
8) T n-Octadecane (C18)	11.587	283972	1.870 ug/ml
10) T n-Eicosane (C20)	12.896	298977	2.068 ug/ml
11) T n-Heneicosane (C21)	13.508	281874	1.988 ug/ml
13) T n-Docosane (C22)	14.094	292440	2.082 ug/ml
14) T n-Tetracosane (C24)	15.197	296940	2.119 ug/ml
15) T n-Hexacosane (C26)	16.216	315243	2.248 ug/ml
16) T n-Octacosane (C28)	17.165	285770	2.042 ug/mlm
17) T n-Tricontane (C30)	18.051	324340	2.223 ug/mlm
18) T n-Dotriacontane (C32)	18.883	328043	2.231 ug/mlm
19) T n-Tetratriacontane (C34)	19.665	323909	2.218 ug/mlm
20) T n-Hexatriacontane (C36)	20.406	336889	2.337 ug/ml
21) T n-Octatriacontane (C38)	21.138	326240	2.179 ug/ml
22) T n-Tetracontane (C40)	22.040	308823	2.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
Data File : FE049325.D
Signal(s) : FID1B.ch
Acq On : 31 Jul 2024 10:13
Operator : YP\AJ
Sample : P3390-01
Misc : 2.5PPM SOIL LOD
ALS Vial : 8 Sample Multiplier: 1

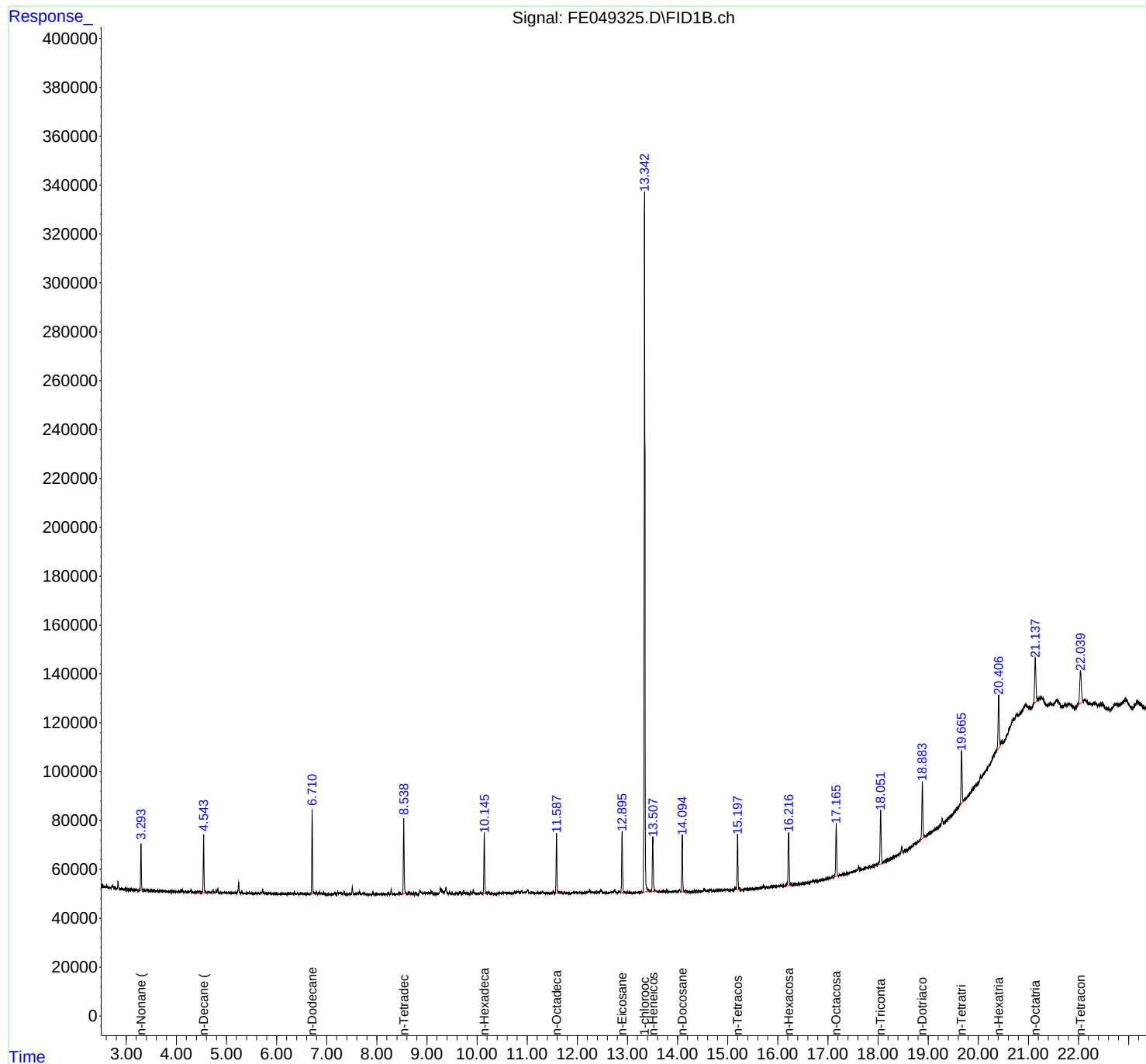
Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

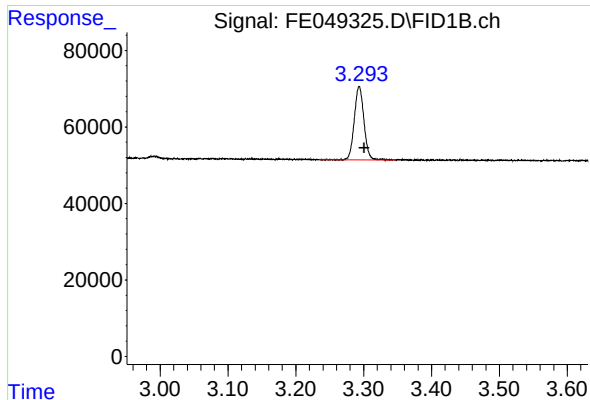
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
Quant Time: Aug 01 01:18:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.
Quant Title : GC Extractables
QLast Update : Wed Jul 17 14:26:40 2024
Response via : Initial Calibration
Integrator: ChemStation

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





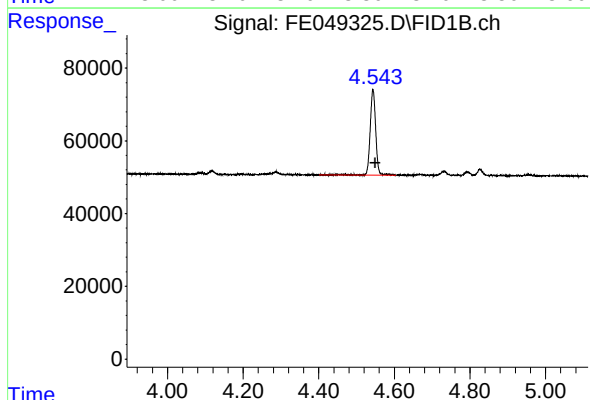
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.007 min
Response: 189732
Conc: 1.26 ug/ml

Instrument : FID_E
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

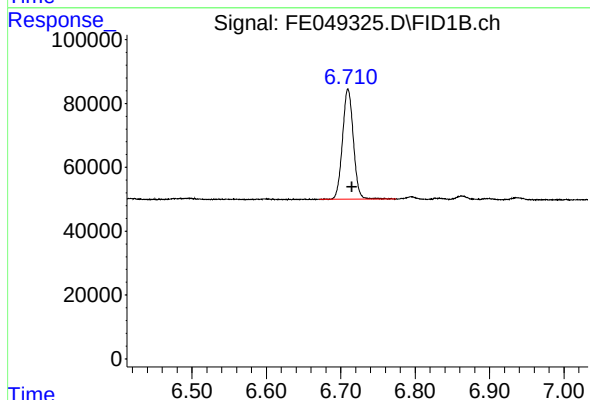
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



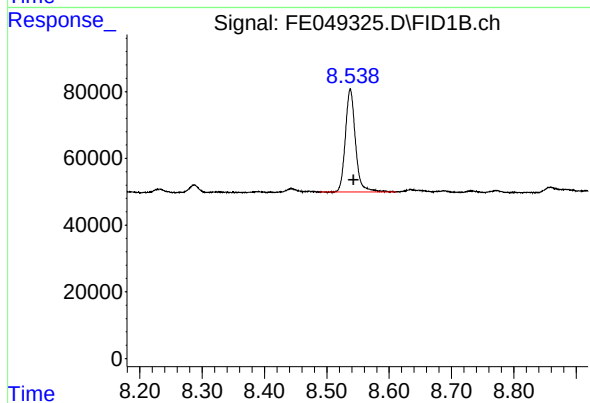
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.006 min
Response: 238495
Conc: 1.54 ug/ml



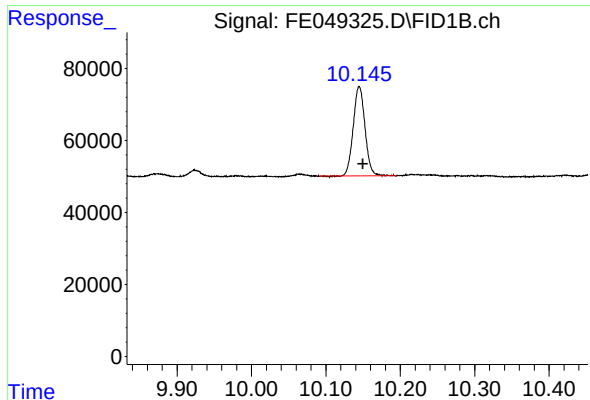
#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 350657
Conc: 2.28 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.005 min
Response: 345835
Conc: 2.28 ug/ml



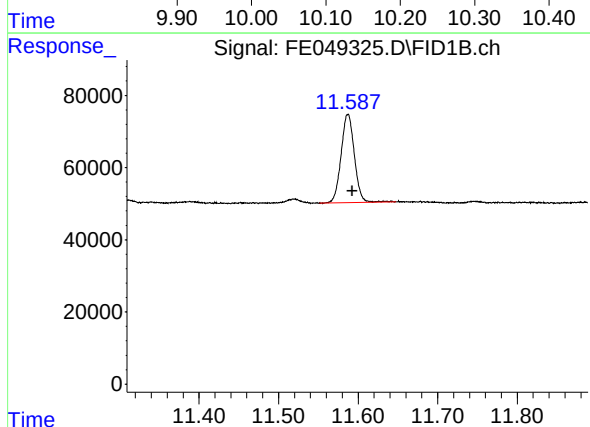
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.005 min
Response: 274347
Conc: 1.81 ug/ml

Instrument : FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

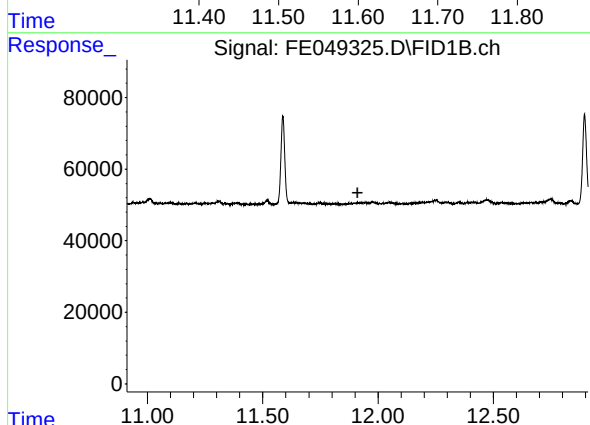
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



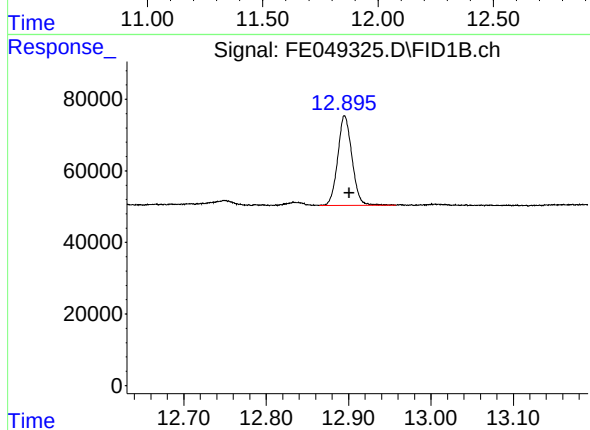
#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.006 min
Response: 283972
Conc: 1.87 ug/ml



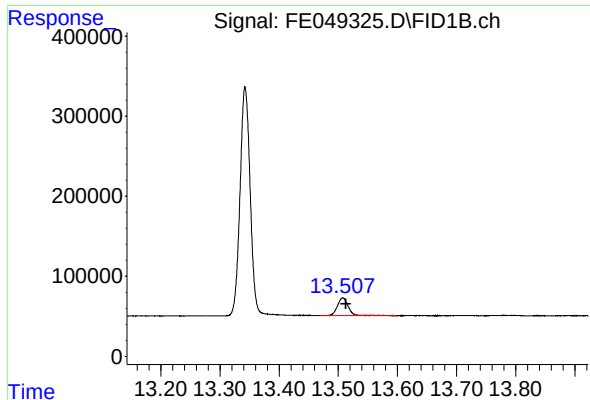
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.911 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.006 min
Response: 298977
Conc: 2.07 ug/ml



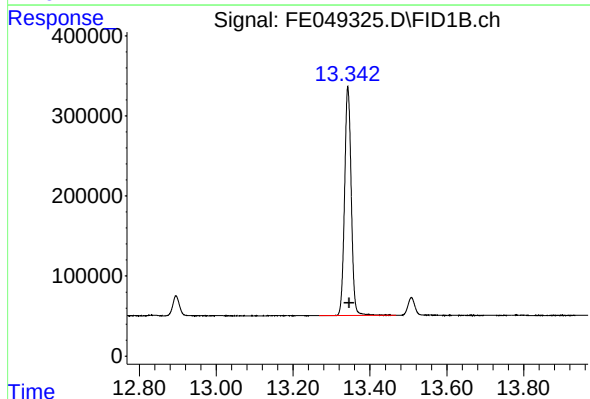
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 281874
Conc: 1.99 ug/ml

Instrument : FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

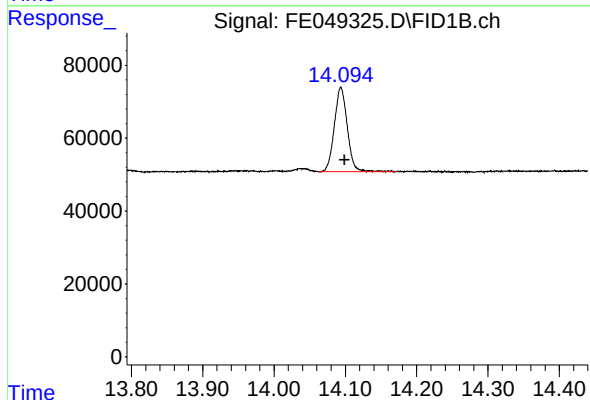
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



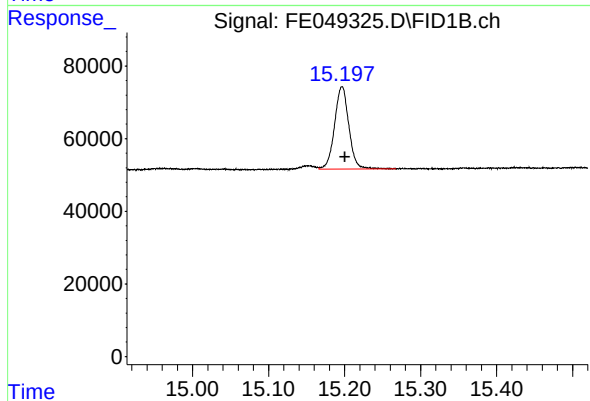
#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.004 min
Response: 3424839
Conc: 29.31 ug/ml



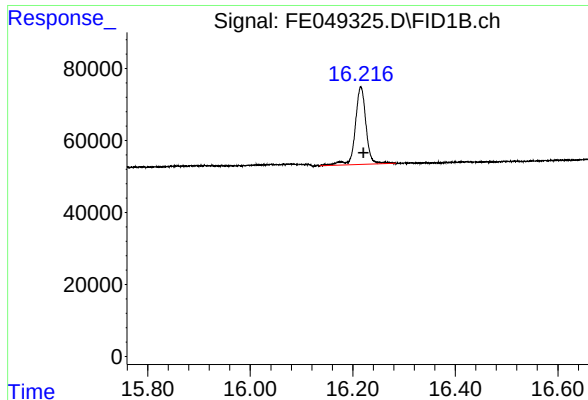
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 292440
Conc: 2.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 296940
Conc: 2.12 ug/ml



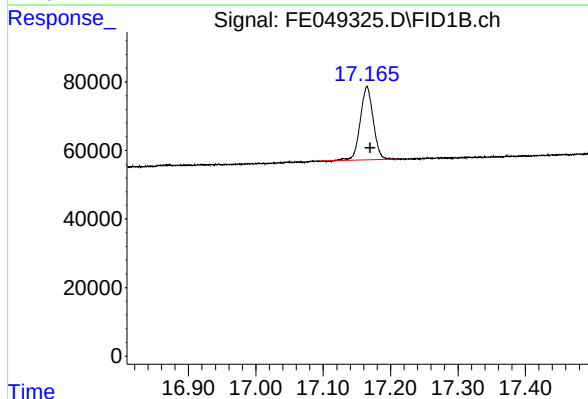
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.005 min
Response: 315243
Conc: 2.25 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

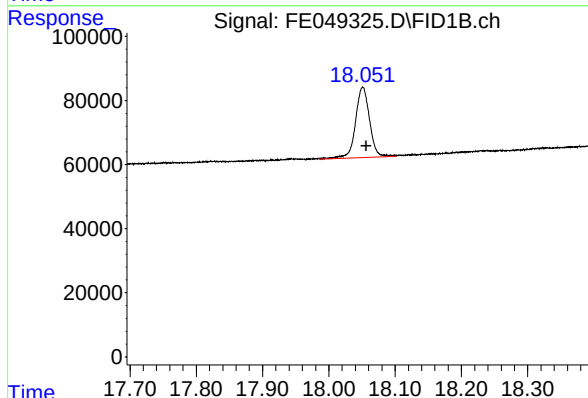
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



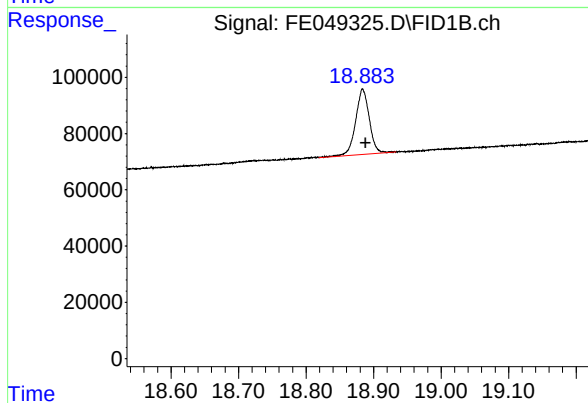
#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: -0.005 min
Response: 285770
Conc: 2.04 ug/ml m



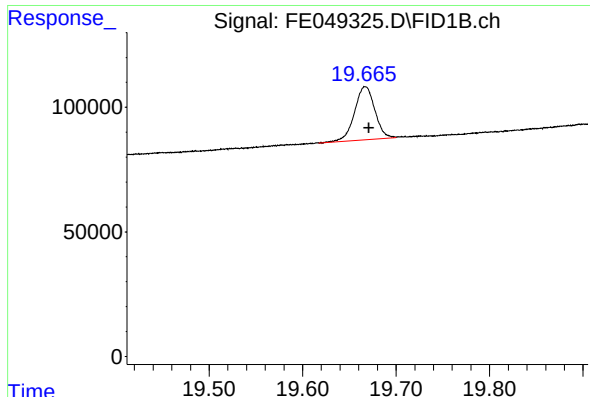
#17 n-Tricontane (C30)

R.T.: 18.051 min
Delta R.T.: -0.006 min
Response: 324340
Conc: 2.22 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.005 min
Response: 328043
Conc: 2.23 ug/ml m



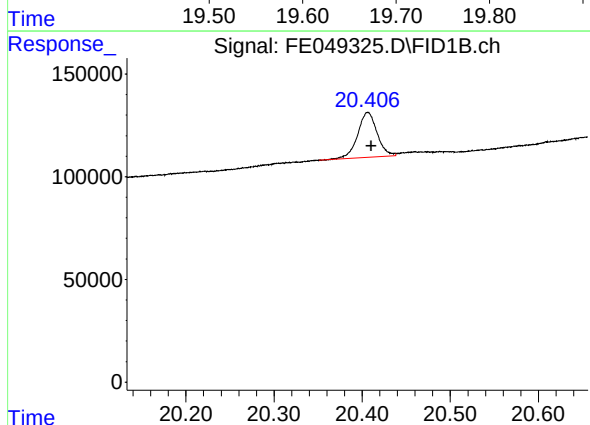
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.005 min
Response: 323909
Conc: 2.22 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

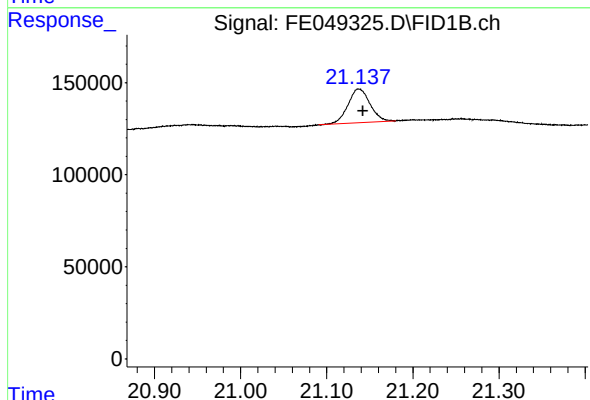
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



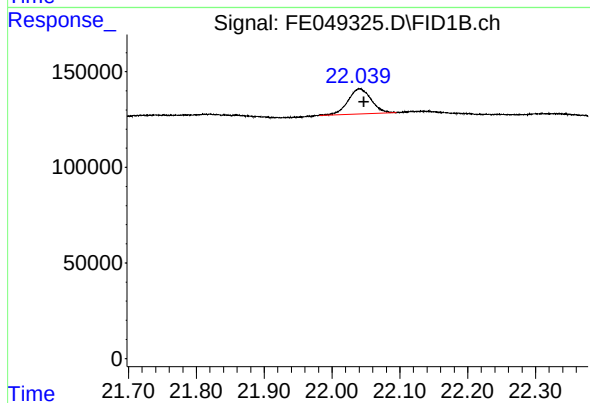
#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.004 min
Response: 336889
Conc: 2.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 326240
Conc: 2.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: -0.006 min
Response: 308823
Conc: 2.05 ug/ml