

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049326.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 10:43
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 9 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 01:18:23 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	4368096	37.387 ug/ml
Spiked Amount 50.000		Recovery =	74.77%
Target Compounds			
1) T n-Nonane (C9)	3.293	323041	2.148 ug/ml
2) T n-Decane (C10)	4.543	384374	2.489 ug/ml
4) T n-Dodecane (C12)	6.710	547671	3.557 ug/ml
6) T n-Tetradecane (C14)	8.537	550662	3.628 ug/ml
7) T n-Hexadecane (C16)	10.144	466732	3.078 ug/ml
8) T n-Octadecane (C18)	11.586	477433	3.144 ug/ml
10) T n-Eicosane (C20)	12.895	496995	3.437 ug/ml
11) T n-Heneicosane (C21)	13.506	451150	3.181 ug/ml
13) T n-Docosane (C22)	14.093	481606	3.428 ug/ml
14) T n-Tetracosane (C24)	15.195	490140	3.497 ug/ml
15) T n-Hexacosane (C26)	16.215	499470	3.562 ug/ml
16) T n-Octacosane (C28)	17.164	491471	3.511 ug/ml
17) T n-Tricontane (C30)	18.051	500918	3.434 ug/mlm
18) T n-Dotriacontane (C32)	18.883	525180	3.572 ug/mlm
19) T n-Tetratriacontane (C34)	19.666	525134	3.595 ug/mlm
20) T n-Hexatriacontane (C36)	20.406	530486	3.680 ug/ml
21) T n-Octatriacontane (C38)	21.138	533807	3.566 ug/ml
22) T n-Tetracontane (C40)	22.041	610447	4.045 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
Data File : FE049326.D
Signal(s) : FID1B.ch
Acq On : 31 Jul 2024 10:43
Operator : YP\AJ
Sample : P3390-01
Misc : 4PPM SOIL LOD
ALS Vial : 9 Sample Multiplier: 1

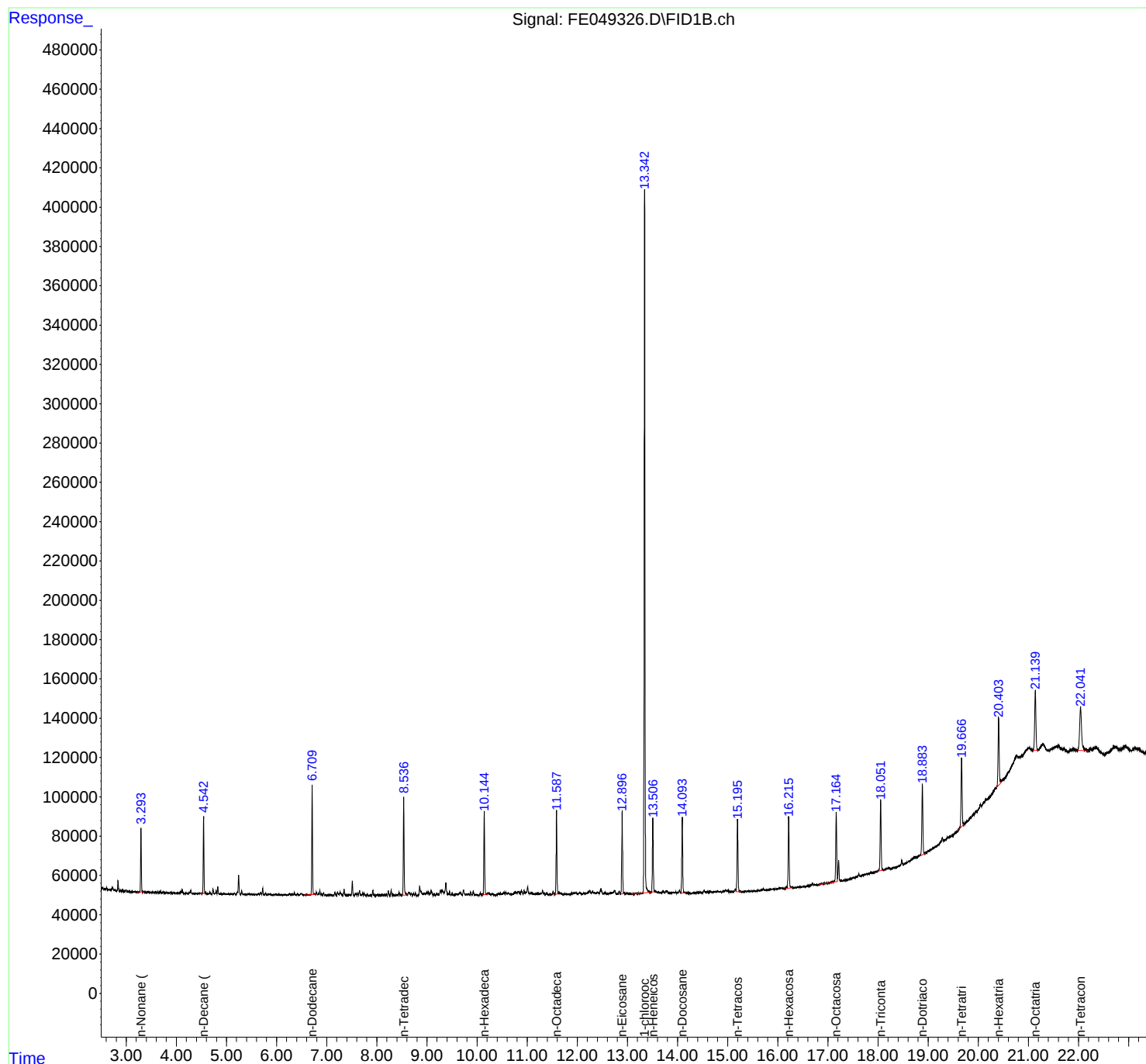
Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

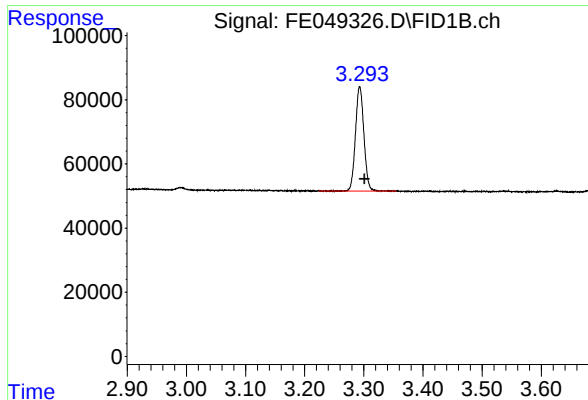
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Aug 01 01:18:23 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





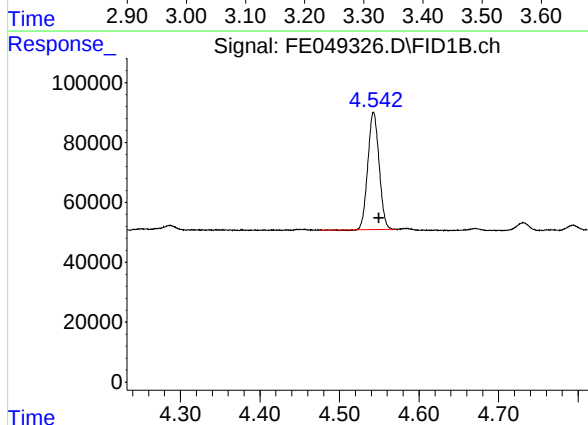
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 323041
Conc: 2.15 ug/ml

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

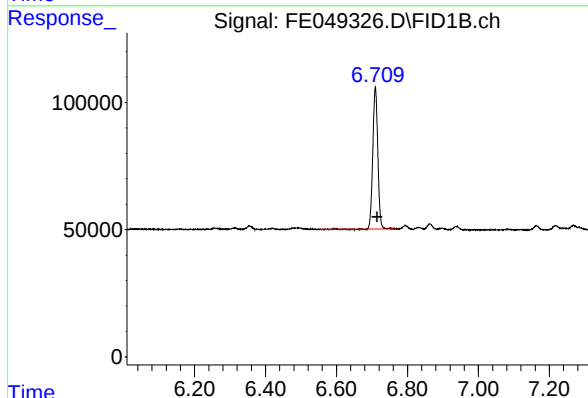
Manual Integrations
APPROVED

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



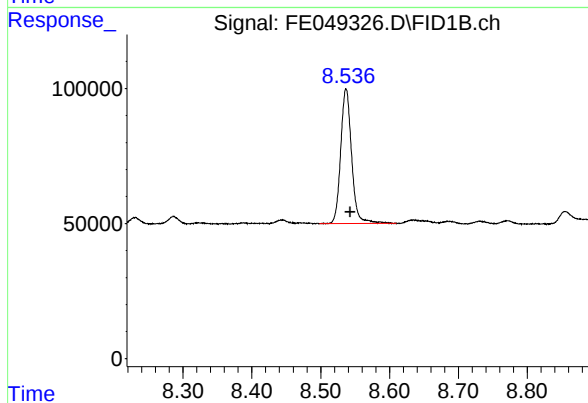
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.007 min
Response: 384374
Conc: 2.49 ug/ml



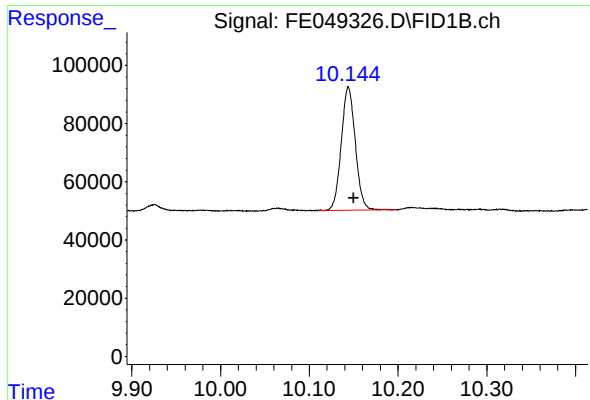
#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 547671
Conc: 3.56 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.006 min
Response: 550662
Conc: 3.63 ug/ml



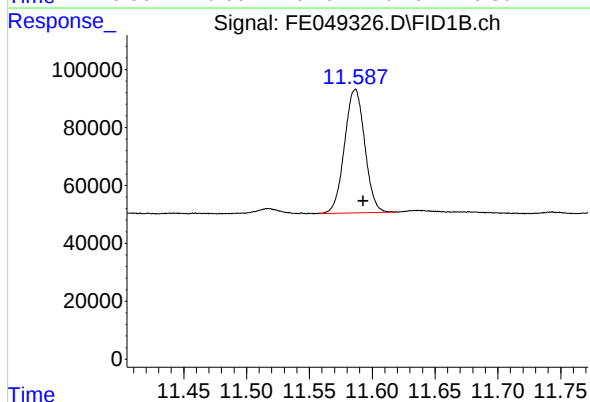
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.006 min
Response: 466732
Conc: 3.08 ug/ml

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

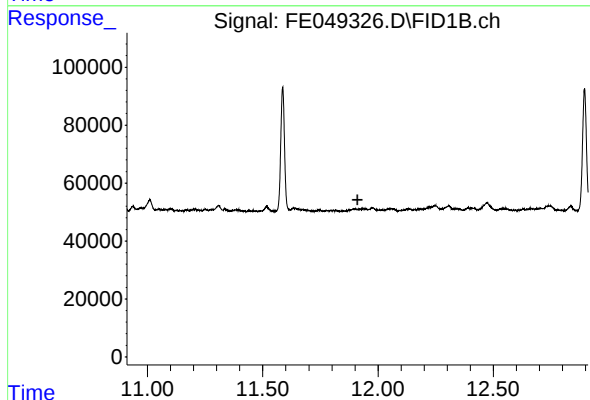
Manual Integrations
APPROVED

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



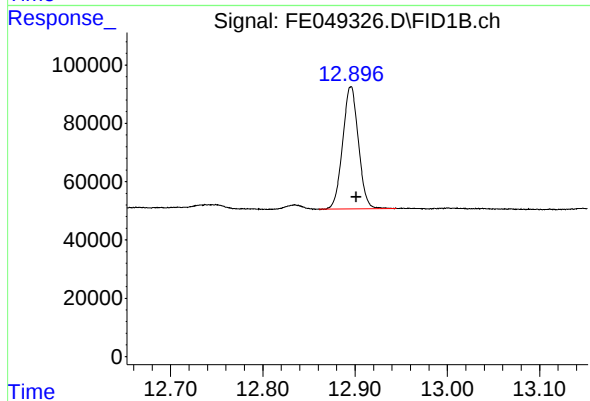
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.006 min
Response: 477433
Conc: 3.14 ug/ml



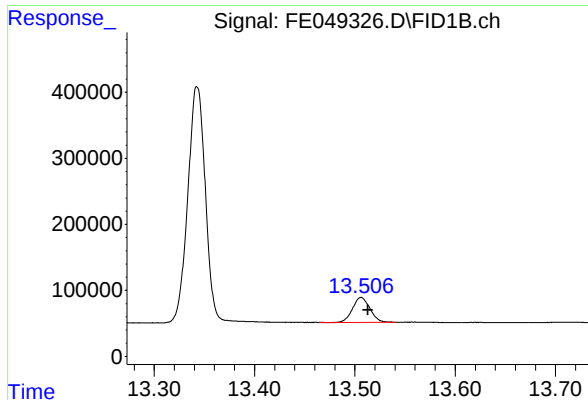
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.006 min
Response: 496995
Conc: 3.44 ug/ml



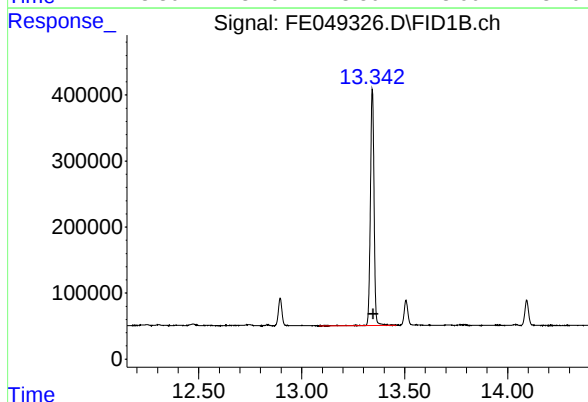
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.007 min
Response: 451150
Conc: 3.18 ug/ml

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

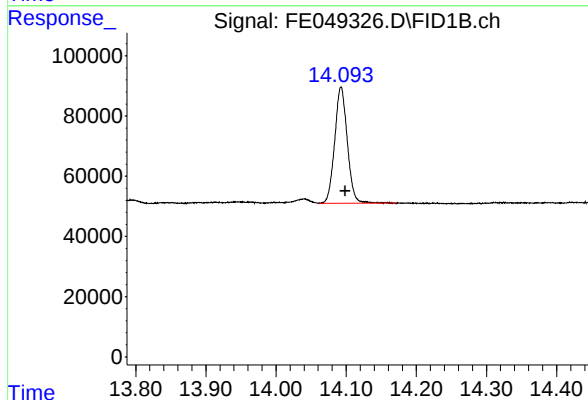
Manual Integrations
APPROVED

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



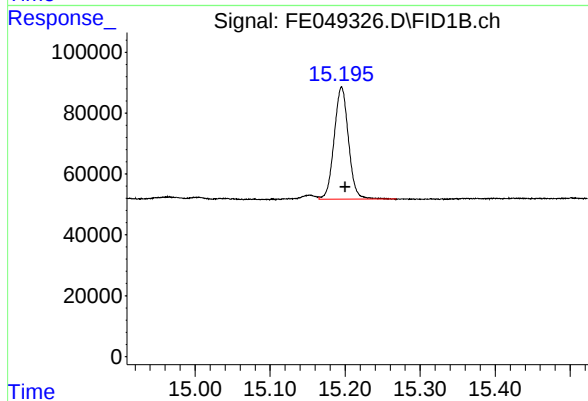
#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.004 min
Response: 4368096
Conc: 37.39 ug/ml



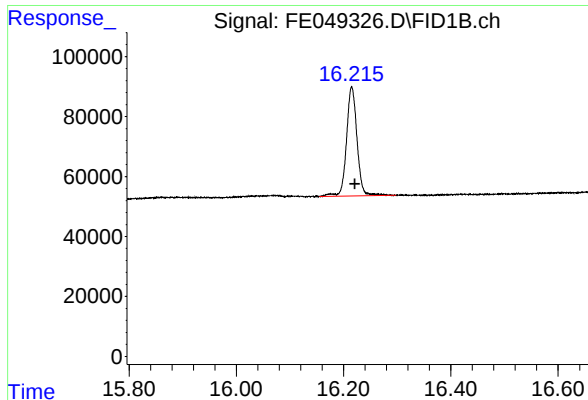
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.006 min
Response: 481606
Conc: 3.43 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.005 min
Response: 490140
Conc: 3.50 ug/ml



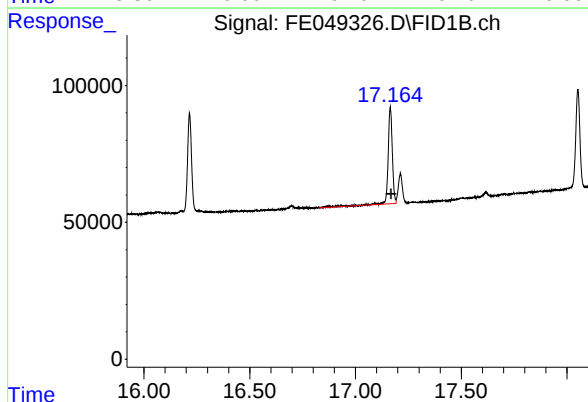
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.006 min
Response: 499470
Conc: 3.56 ug/ml

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

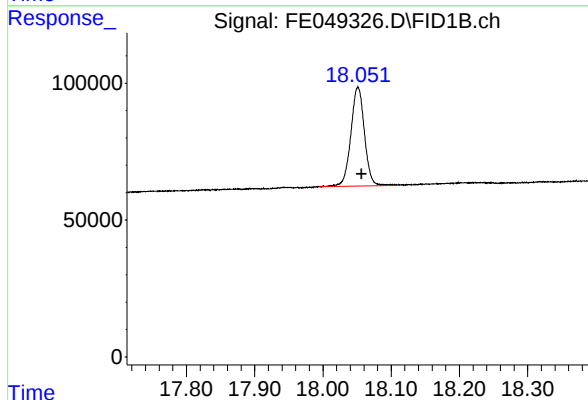
Manual Integrations
APPROVED

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



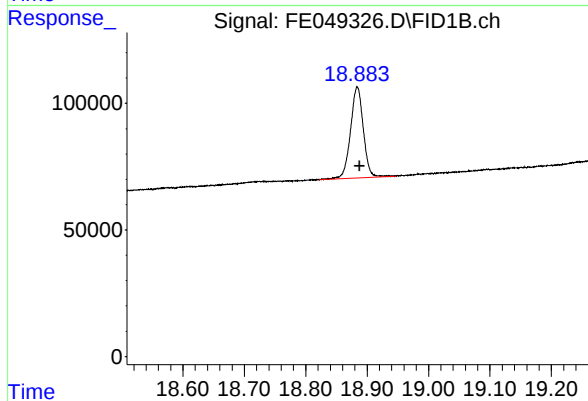
#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: -0.005 min
Response: 491471
Conc: 3.51 ug/ml



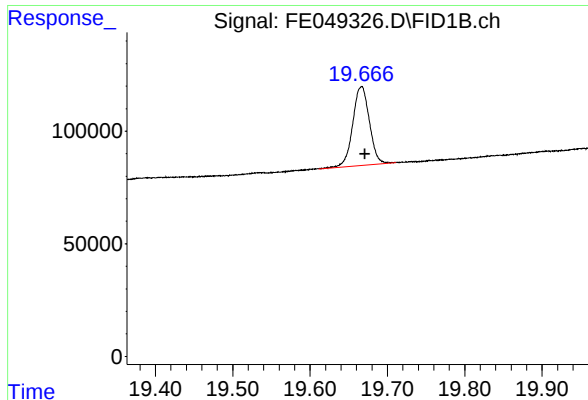
#17 n-Tricontane (C30)

R.T.: 18.051 min
Delta R.T.: -0.005 min
Response: 500918
Conc: 3.43 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.005 min
Response: 525180
Conc: 3.57 ug/ml m



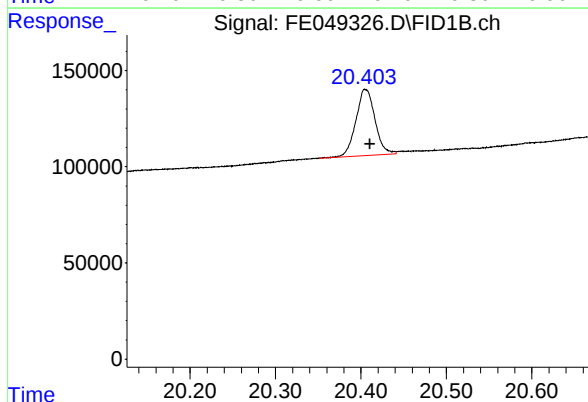
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.005 min
Response: 525134
Conc: 3.60 ug/ml

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

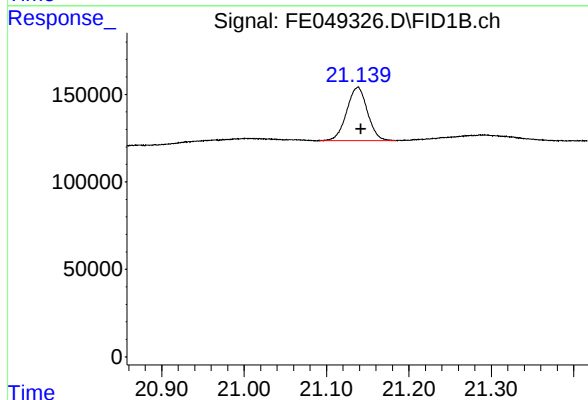
Manual Integrations
APPROVED

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



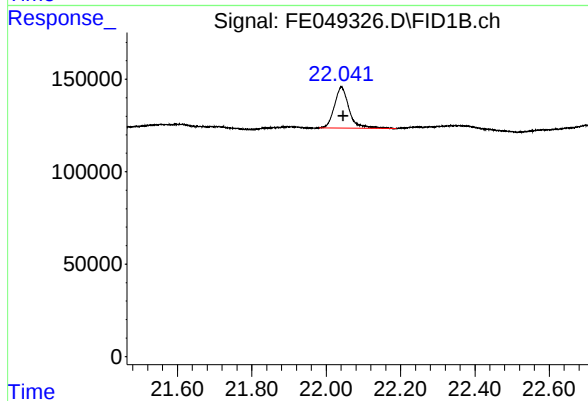
#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.005 min
Response: 530486
Conc: 3.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 533807
Conc: 3.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: -0.006 min
Response: 610447
Conc: 4.05 ug/ml