

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060525.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 11:34
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:58:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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...	11.999	4244603	28.797 ug/ml
Spiked Amount 50.000		Recovery =	57.59%
Target Compounds			
1) T n-Nonane (C9)	2.651	93337	0.608 ug/mlm
2) T n-Decane (C10)	3.646	115311	0.755 ug/mlm
4) T n-Dodecane (C12)	5.581	295514	1.829 ug/ml
6) T n-Tetradecane (C14)	7.330	186620	1.130 ug/ml
7) T n-Hexadecane (C16)	8.887	176303	1.043 ug/ml
8) T n-Octadecane (C18)	10.291	208337	1.211 ug/mlm
10) T n-Eicosane (C20)	11.566	209875	1.230 ug/ml
11) T n-Heneicosane (C21)	12.162	208779	1.225 ug/ml
13) T n-Docosane (C22)	12.735	210014	1.232 ug/ml
14) T n-Tetracosane (C24)	13.808	208663	1.243 ug/ml
15) T n-Hexacosane (C26)	14.805	209065	1.272 ug/ml
16) T n-Octacosane (C28)	15.729	210026	1.324 ug/ml
17) T n-Tricontane (C30)	16.595	219314	1.441 ug/ml
18) T n-Dotriacontane (C32)	17.406	216576	1.490 ug/ml
19) T n-Tetratriacontane (C34)	18.170	193493	1.523 ug/ml
20) T n-Hexatriacontane (C36)	18.890	174560	1.555 ug/ml
21) T n-Octatriacontane (C38)	19.570	161152	1.472 ug/ml
22) T n-Tetracontane (C40)	20.219	155617	1.378 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
Data File : FC060525.D
Signal(s) : FID1A.ch
Acq On : 30 Jun 2022 11:34
Operator : YP/AJ
Sample : N3214-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 5 Sample Multiplier: 1

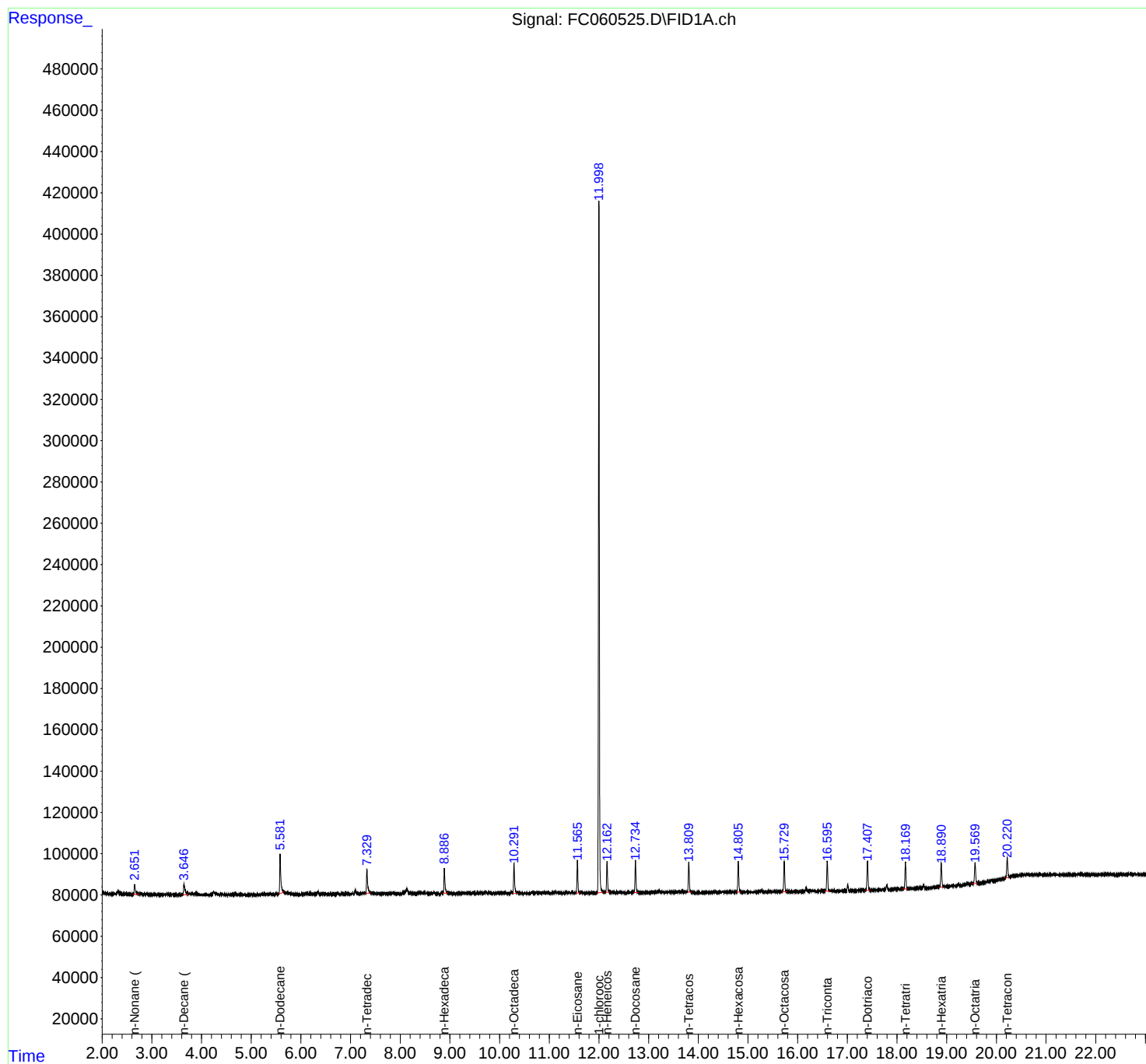
Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

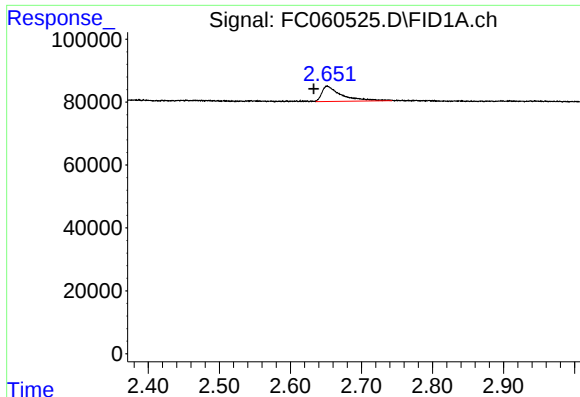
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
Quant Time: Jul 01 04:58:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Sat Jun 25 04:15:44 2022
Response via : Initial Calibration
Integrator: ChemStation

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





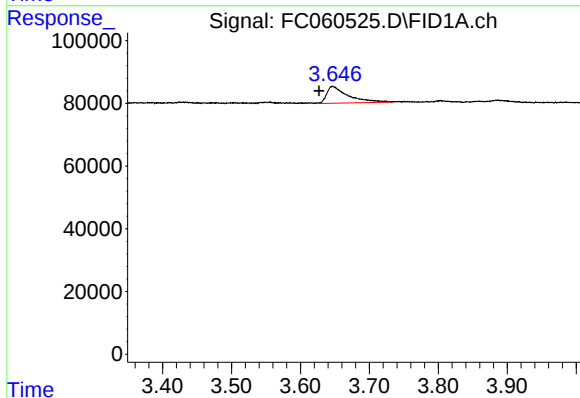
#1 n-Nonane (C9)

R.T.: 2.651 min
Delta R.T.: 0.018 min
Response: 93337
Conc: 0.61 ug/ml

Instrument : FID_C
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

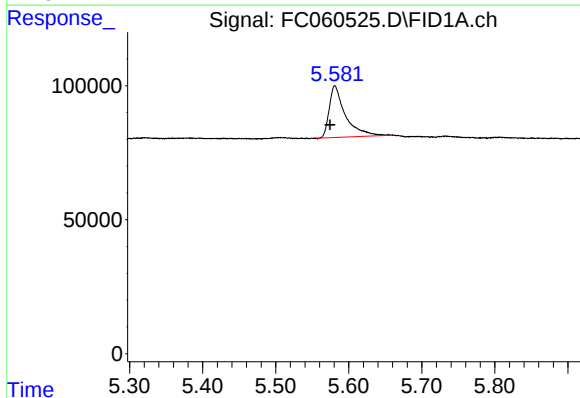
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022



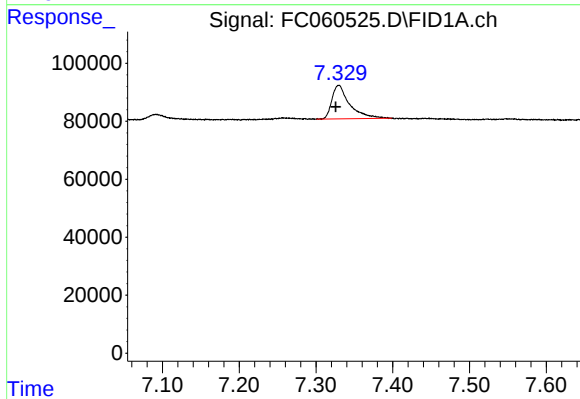
#2 n-Decane (C10)

R.T.: 3.646 min
Delta R.T.: 0.019 min
Response: 115311
Conc: 0.76 ug/ml m



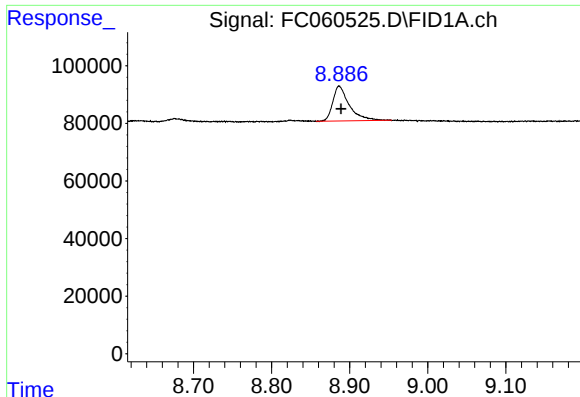
#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: 0.007 min
Response: 295514
Conc: 1.83 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: 0.004 min
Response: 186620
Conc: 1.13 ug/ml



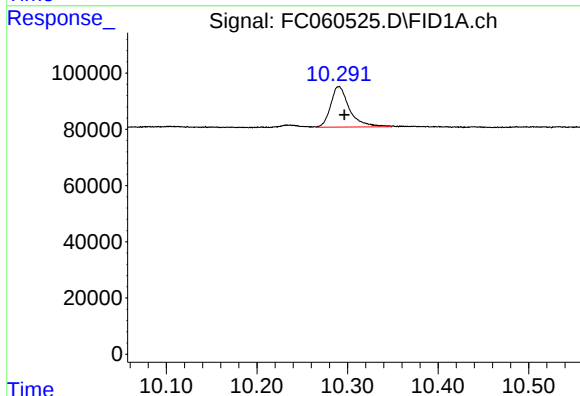
#7 n-Hexadecane (C16)

R.T.: 8.887 min
Delta R.T.: -0.002 min
Response: 176303
Conc: 1.04 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

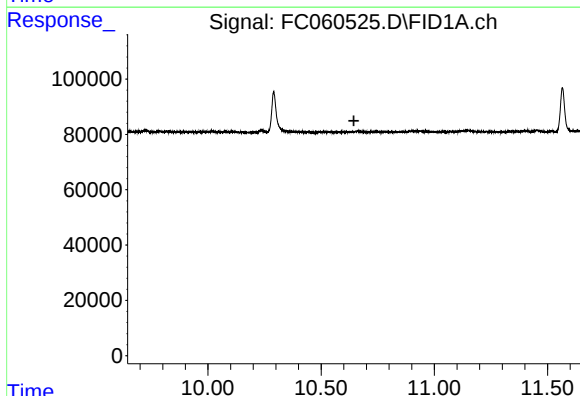
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022



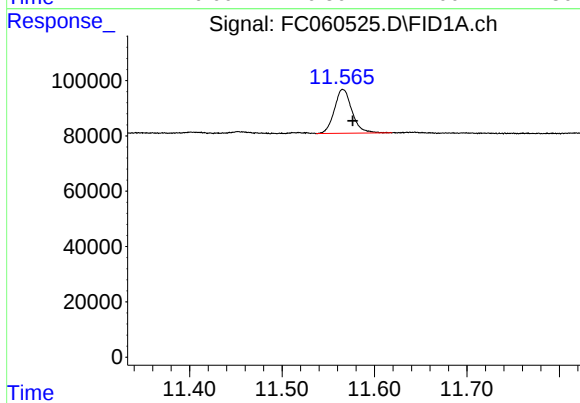
#8 n-Octadecane (C18)

R.T.: 10.291 min
Delta R.T.: -0.006 min
Response: 208337
Conc: 1.21 ug/ml m



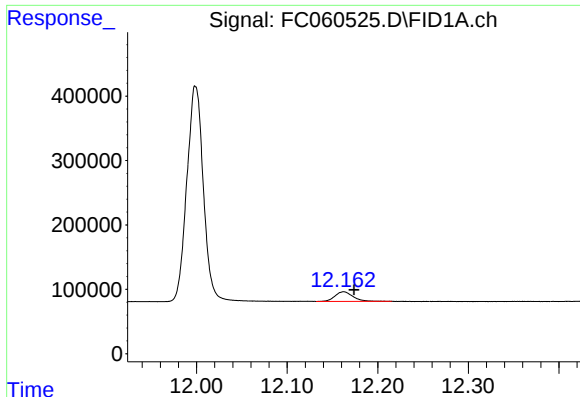
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.566 min
Delta R.T.: -0.010 min
Response: 209875
Conc: 1.23 ug/ml



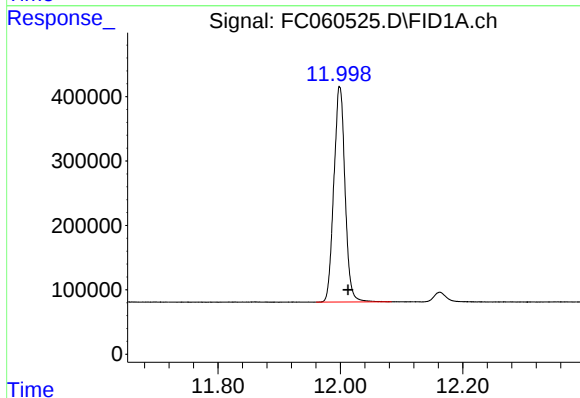
#11 n-Heneicosane (C21)

R.T.: 12.162 min
Delta R.T.: -0.012 min
Response: 208779
Conc: 1.22 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

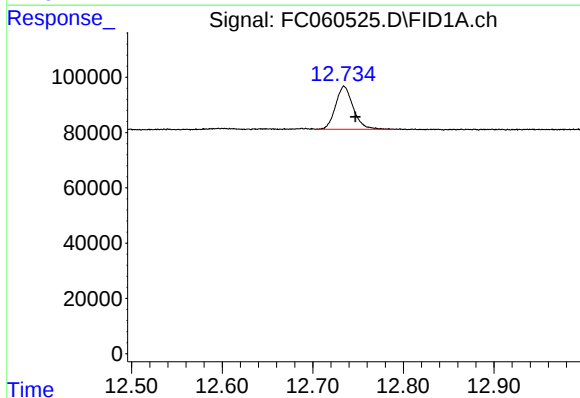
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022



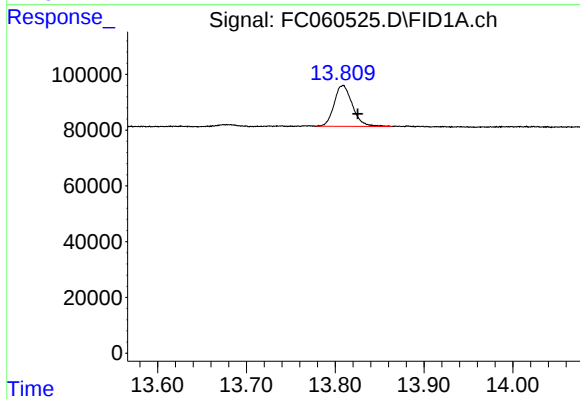
#12 1-chlorooctadecane (SURR)

R.T.: 11.999 min
Delta R.T.: -0.014 min
Response: 4244603
Conc: 28.80 ug/ml



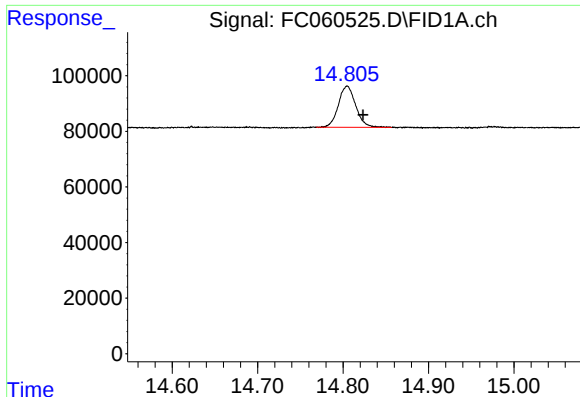
#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.013 min
Response: 210014
Conc: 1.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.808 min
Delta R.T.: -0.017 min
Response: 208663
Conc: 1.24 ug/ml



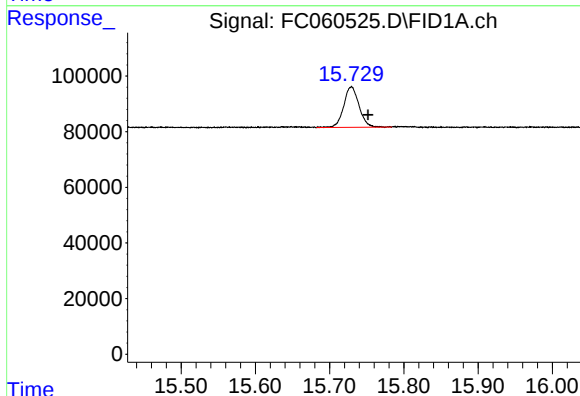
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: -0.019 min
Response: 209065
Conc: 1.27 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

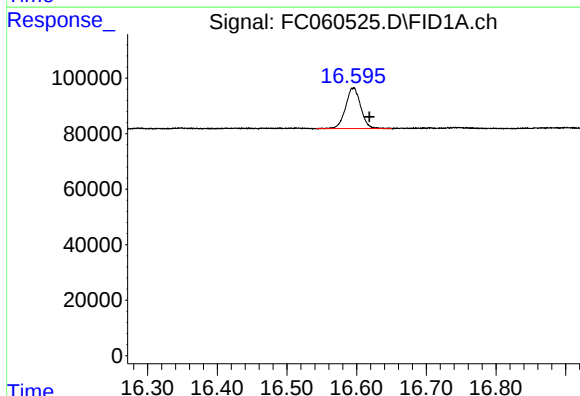
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022



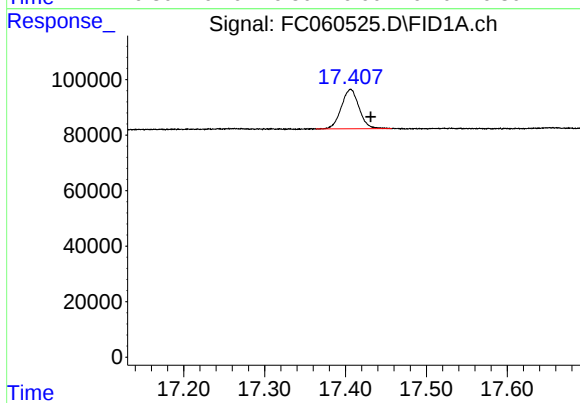
#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: -0.022 min
Response: 210026
Conc: 1.32 ug/ml



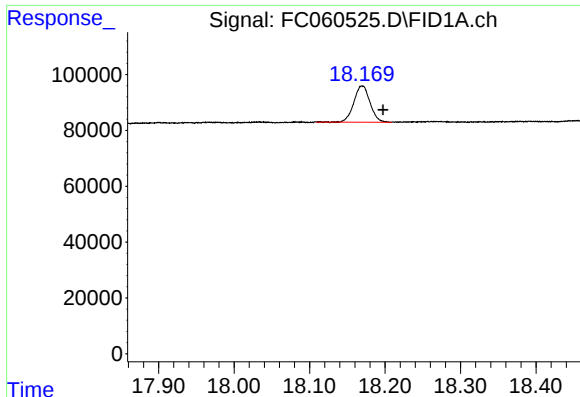
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: -0.023 min
Response: 219314
Conc: 1.44 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.406 min
Delta R.T.: -0.025 min
Response: 216576
Conc: 1.49 ug/ml



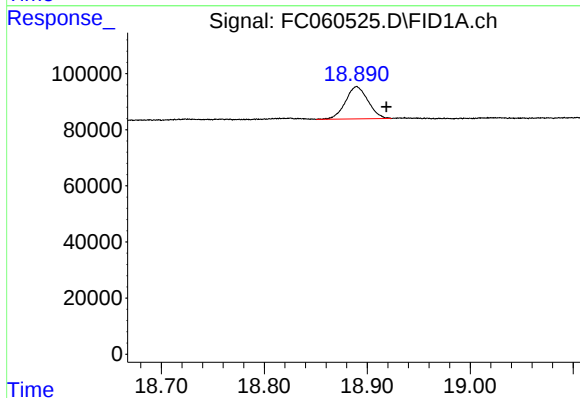
#19 n-Tetratriacontane (C34)

R.T.: 18.170 min
Delta R.T.: -0.028 min
Response: 193493
Conc: 1.52 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

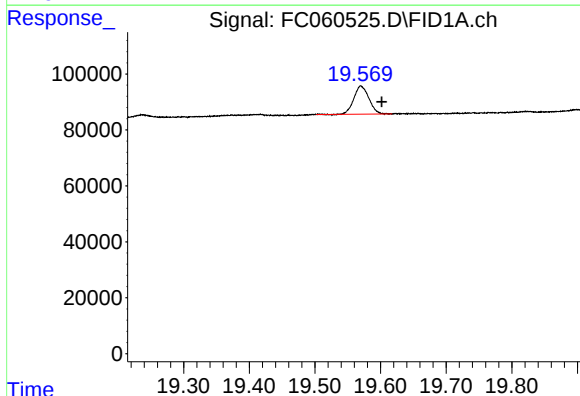
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2022
Supervised By :Ankita Jodhani 07/01/2022



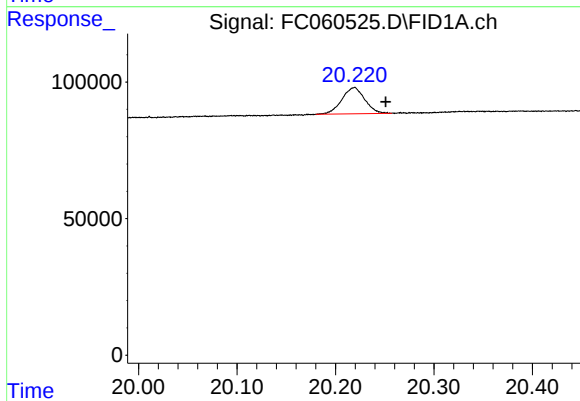
#20 n-Hexatriacontane (C36)

R.T.: 18.890 min
Delta R.T.: -0.029 min
Response: 174560
Conc: 1.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.570 min
Delta R.T.: -0.032 min
Response: 161152
Conc: 1.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.219 min
Delta R.T.: -0.032 min
Response: 155617
Conc: 1.38 ug/ml