

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057263.D
 Signal(s) : FID1A.CH
 Acq On : 07 Dec 2021 16:01
 Operator : AJ\MA
 Sample : SOIL IDOC 02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOIL IDOC 02

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
 Quant Time: Dec 08 00:56:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	13.018	4783173	52.541 ug/ml
Spiked Amount 50.000		Recovery =	105.08%
Target Compounds			
1) T n-Nonane (C9)	3.351	3041825	30.019 ug/ml
2) T n-Decane (C10)	4.417	3825021	38.197 ug/ml
4) T n-Dodecane (C12)	6.433	4475405	44.140 ug/ml
6) T n-Tetradecane (C14)	8.227	4768131	47.060 ug/ml
7) T n-Hexadecane (C16)	9.826	5158861	50.273 ug/ml
8) T n-Octadecane (C18)	11.266	5614695	52.406 ug/ml
10) T n-Eicosane (C20)	12.574	5553467	51.923 ug/ml
11) T n-Heneicosane (C21)	13.185	5516201	50.938 ug/ml
13) T n-Docosane (C22)	13.770	5422017	50.610 ug/ml
14) T n-Tetracosane (C24)	14.870	5253847	48.532 ug/ml
15) T n-Hexacosane (C26)	15.887	5059778	47.502 ug/ml
16) T n-Octacosane (C28)	16.834	4904446	45.980 ug/ml
17) T n-Tricontane (C30)	17.719	4792002	44.959 ug/ml
18) T n-Dotriacontane (C32)	18.548	4676791	44.338 ug/ml
19) T n-Tetratriacontane (C34)	19.328	4485902	43.180 ug/ml
20) T n-Hexatriacontane (C36)	20.064	4196427	41.546 ug/mlm
21) T n-Octatriacontane (C38)	20.794	3949596	43.026 ug/ml
22) T n-Tetracontane (C40)	21.698	3999763	44.400 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
Data File : FC057263.D
Signal(s) : FID1A.CH
Acq On : 07 Dec 2021 16:01
Operator : AJ\MA
Sample : SOIL IDOC 02
Misc :
ALS Vial : 5 Sample Multiplier: 1

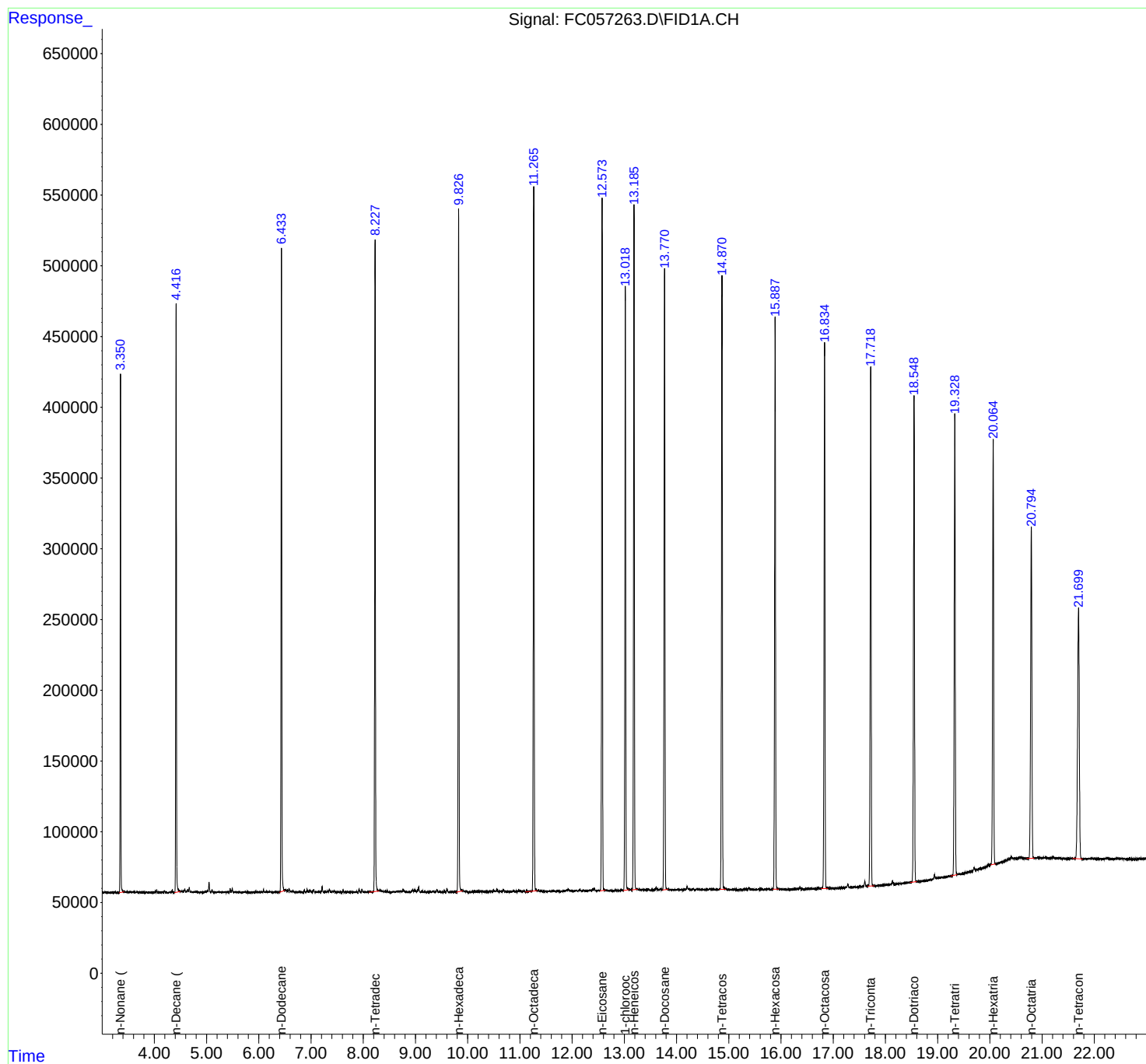
Instrument :
FID_C
ClientSampleId :
SOIL IDOC 02

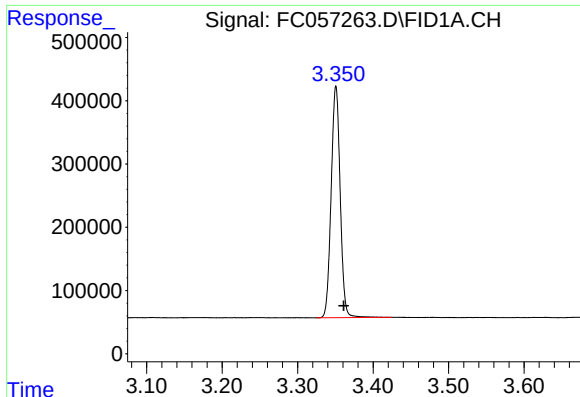
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
Quant Time: Dec 08 00:56:13 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
Quant Title : GC Extractables
QLast Update : Fri Nov 19 00:52:49 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.010 min
Response: 3041825
Conc: 30.02 ug/ml

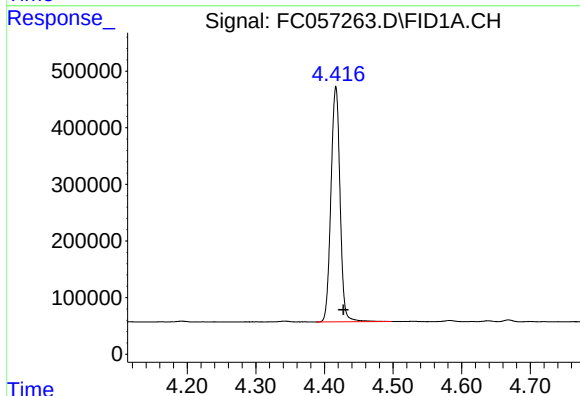
Instrument :

FID_C

ClientSampleId :
SOIL IDOC 02

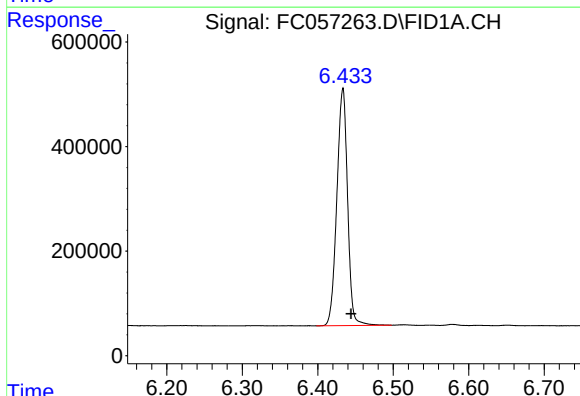
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
Supervised By :mohammad ahmed 12/08/2021



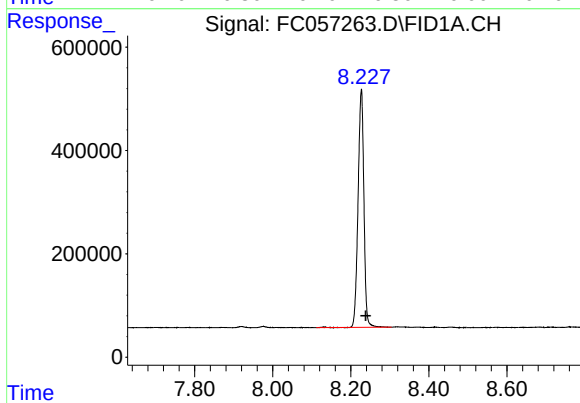
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: -0.011 min
Response: 3825021
Conc: 38.20 ug/ml



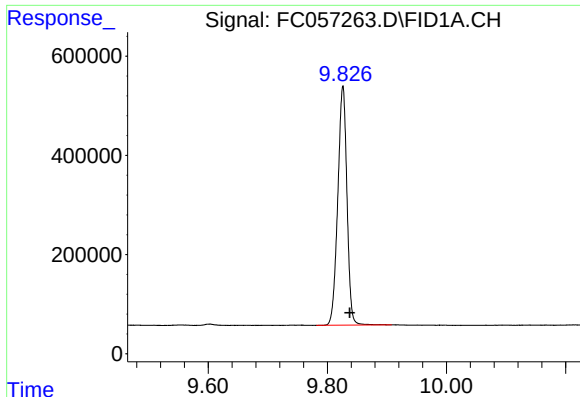
#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: -0.011 min
Response: 4475405
Conc: 44.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: -0.012 min
Response: 4768131
Conc: 47.06 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: -0.012 min
Response: 5158861
Conc: 50.27 ug/ml

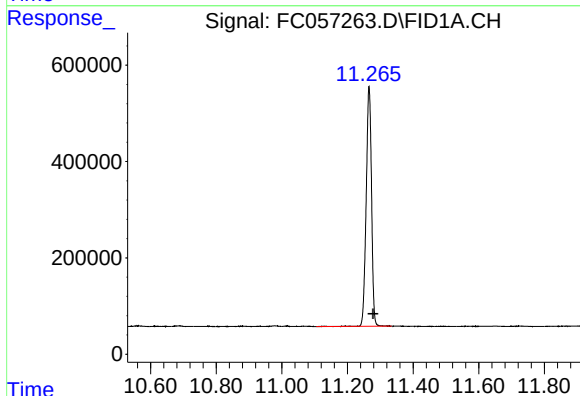
Instrument :

FID_C

ClientSampleId :
SOIL IDOC 02

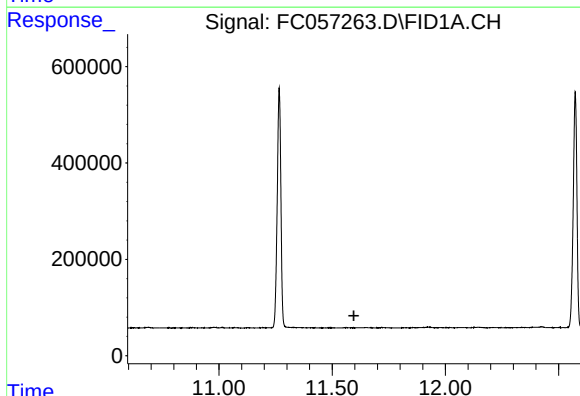
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
Supervised By :mohammad ahmed 12/08/2021



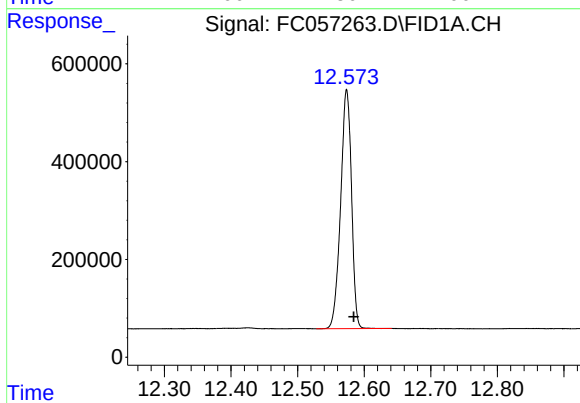
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 5614695
Conc: 52.41 ug/ml



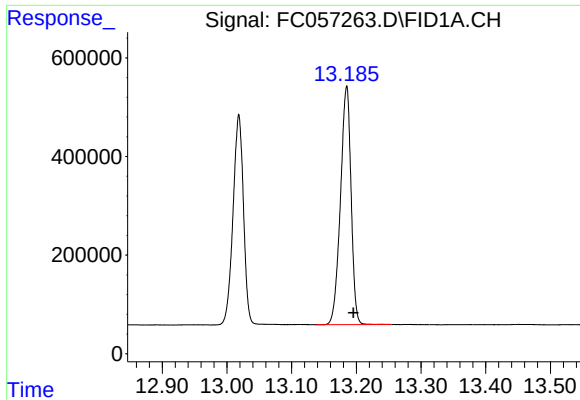
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.596 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.010 min
Response: 5553467
Conc: 51.92 ug/ml



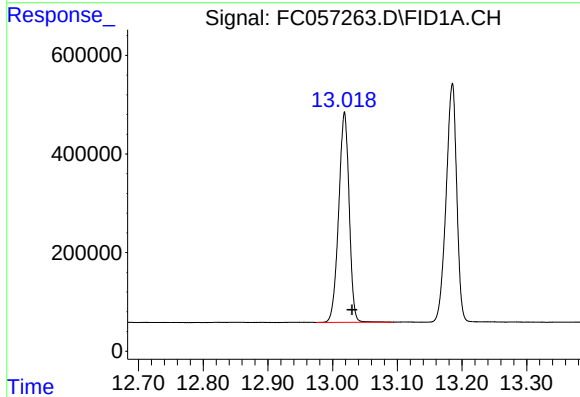
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.011 min
Response: 5516201
Conc: 50.94 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL IDOC 02

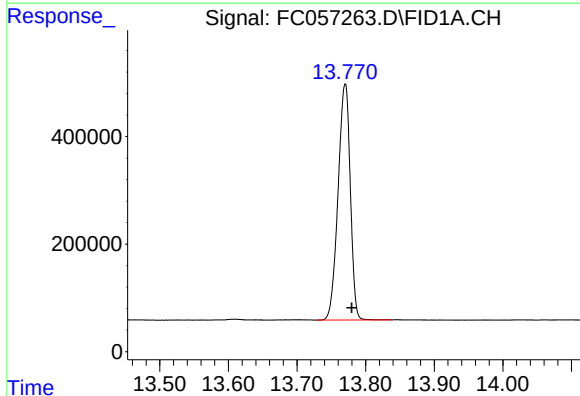
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
Supervised By :mohammad ahmed 12/08/2021



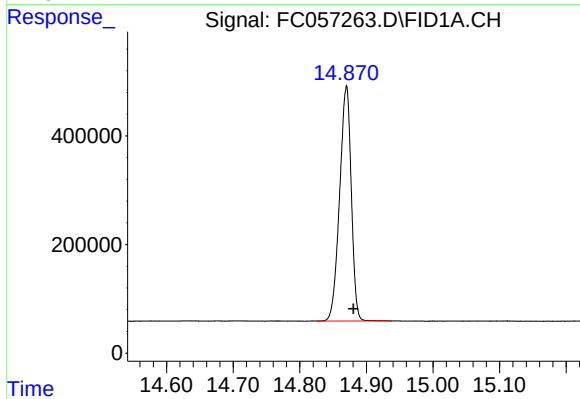
#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: -0.012 min
Response: 4783173
Conc: 52.54 ug/ml



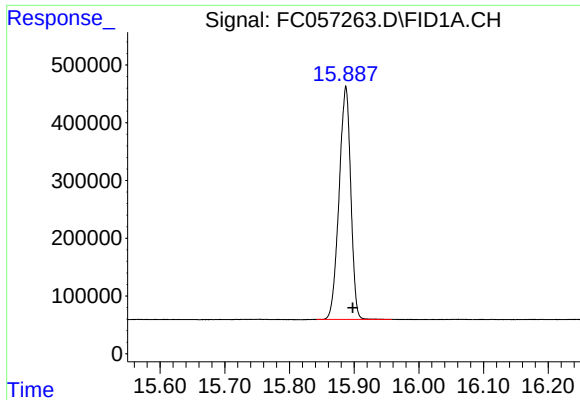
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: -0.010 min
Response: 5422017
Conc: 50.61 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.011 min
Response: 5253847
Conc: 48.53 ug/ml



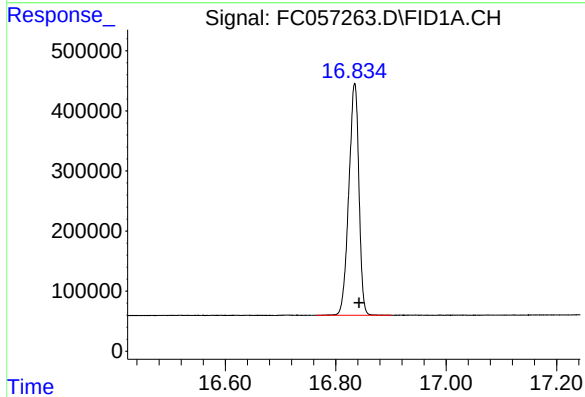
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.011 min
Response: 5059778
Conc: 47.50 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL IDOC 02

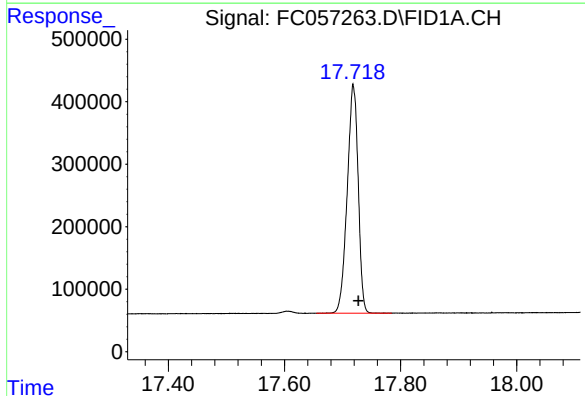
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
Supervised By :mohammad ahmed 12/08/2021



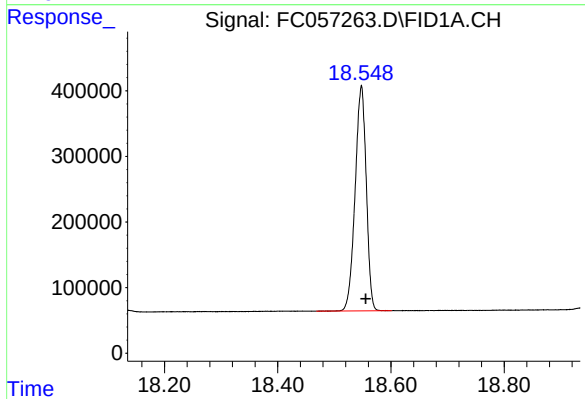
#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: -0.008 min
Response: 4904446
Conc: 45.98 ug/ml



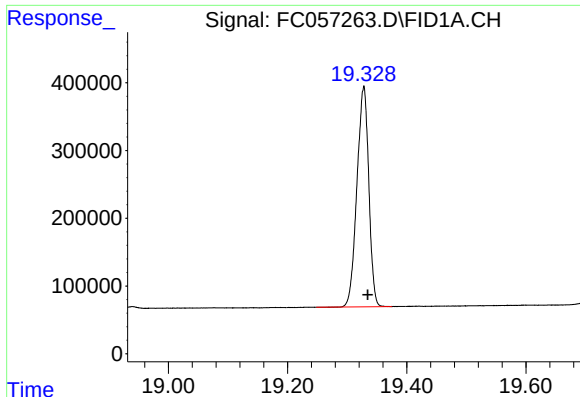
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: -0.009 min
Response: 4792002
Conc: 44.96 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.008 min
Response: 4676791
Conc: 44.34 ug/ml



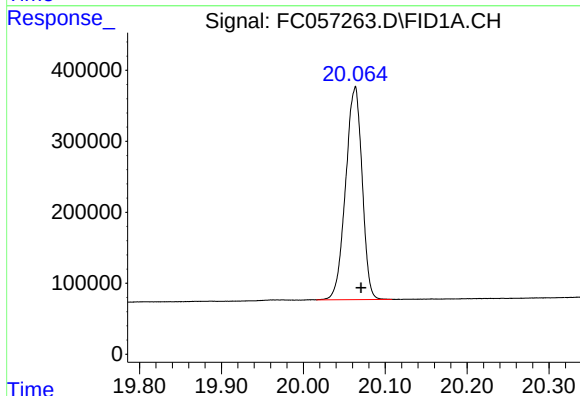
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.007 min
Response: 4485902
Conc: 43.18 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL IDOC 02

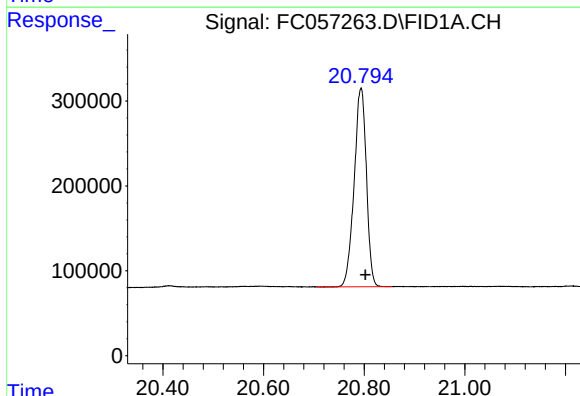
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
Supervised By :mohammad ahmed 12/08/2021



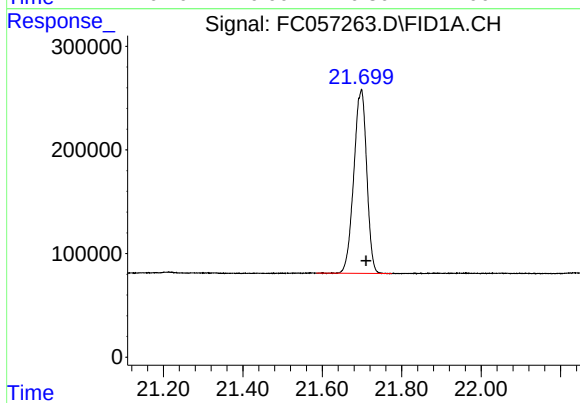
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.007 min
Response: 4196427
Conc: 41.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.009 min
Response: 3949596
Conc: 43.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.013 min
Response: 3999763
Conc: 44.40 ug/ml