

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
 Data File : FC057236.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2021 21:54
 Operator : AJ\MA
 Sample : PB141191BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141191BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 00:54:46 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...	13.026	4350178	47.784 ug/ml
Spiked Amount 50.000		Recovery =	95.57%
Target Compounds			
1) T n-Nonane (C9)	3.352	3017491	29.778 ug/ml
2) T n-Decane (C10)	4.419	3784606	37.794 ug/ml
4) T n-Dodecane (C12)	6.438	4437980	43.771 ug/ml
6) T n-Tetradecane (C14)	8.232	4729221	46.676 ug/ml
7) T n-Hexadecane (C16)	9.833	5088855	49.591 ug/ml
8) T n-Octadecane (C18)	11.273	5550307	51.805 ug/ml
10) T n-Eicosane (C20)	12.581	5481782	51.253 ug/ml
11) T n-Heneicosane (C21)	13.193	5440829	50.242 ug/ml
13) T n-Docosane (C22)	13.778	5348347	49.922 ug/ml
14) T n-Tetracosane (C24)	14.879	5168295	47.742 ug/ml
15) T n-Hexacosane (C26)	15.897	4996942	46.912 ug/ml
16) T n-Octacosane (C28)	16.844	4849440	45.464 ug/ml
17) T n-Tricontane (C30)	17.727	4747451	44.541 ug/ml
18) T n-Dotriacontane (C32)	18.558	4647314	44.059 ug/mlm
19) T n-Tetratriacontane (C34)	19.339	4474296	43.069 ug/mlm
20) T n-Hexatriacontane (C36)	20.073	4132415	40.912 ug/mlm
21) T n-Octatriacontane (C38)	20.805	4034021	43.945 ug/mlm
22) T n-Tetracontane (C40)	21.716	4015662	44.577 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
Data File : FC057236.D
Signal(s) : FID1A.CH
Acq On : 06 Dec 2021 21:54
Operator : AJ\MA
Sample : PB141191BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

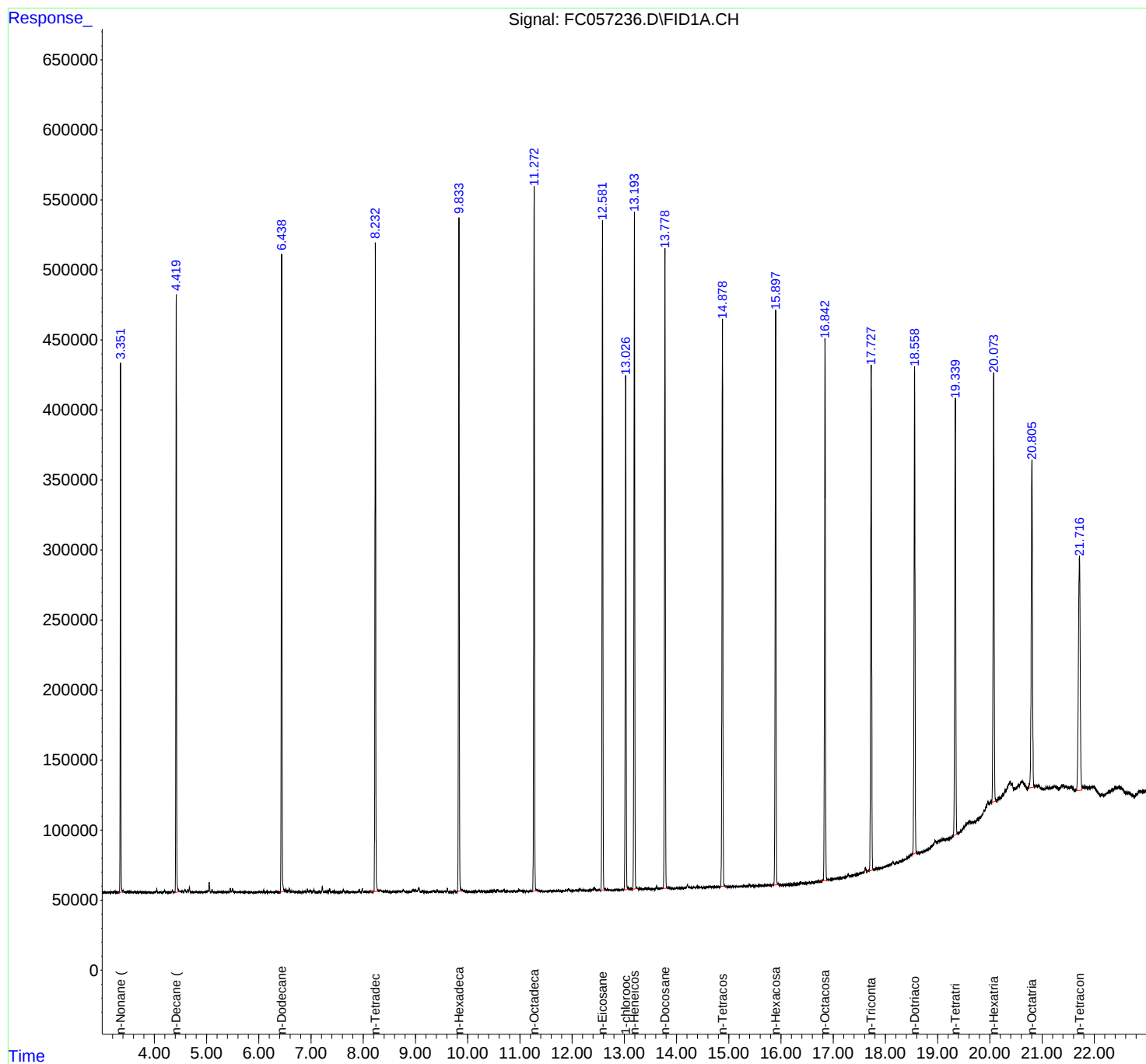
Instrument :
FID_C
ClientSampleId :
PB141191BS

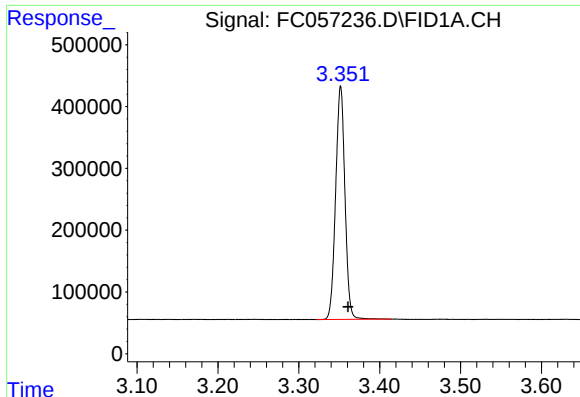
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
Quant Time: Dec 07 00:54:46 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





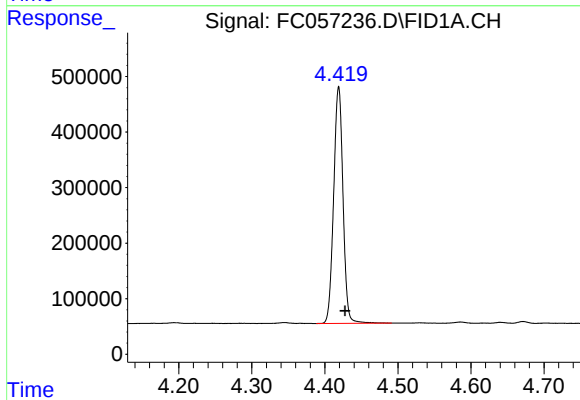
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.009 min
Response: 3017491
Conc: 29.78 ug/ml

Instrument :
FID_C
ClientSampleId :
PB141191BS

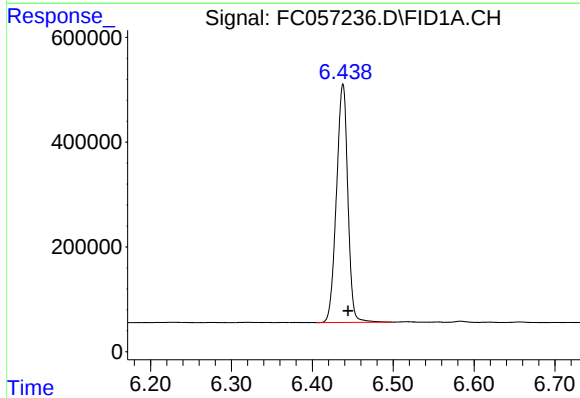
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



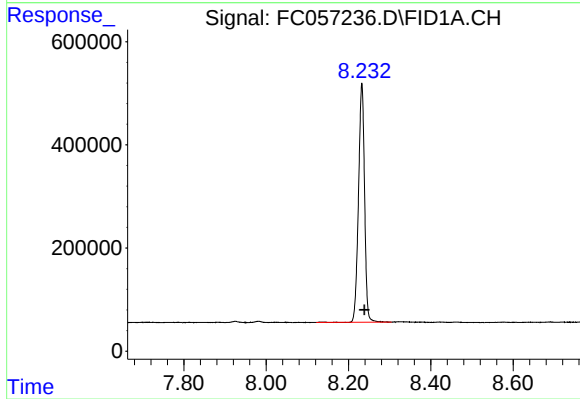
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.009 min
Response: 3784606
Conc: 37.79 ug/ml



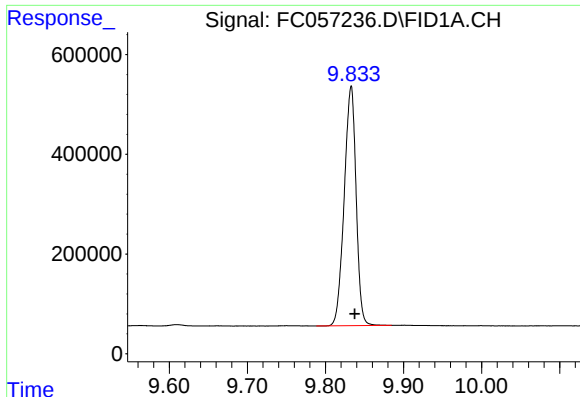
#4 n-Dodecane (C12)

R.T.: 6.438 min
Delta R.T.: -0.007 min
Response: 4437980
Conc: 43.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.007 min
Response: 4729221
Conc: 46.68 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.005 min
Response: 5088855
Conc: 49.59 ug/ml

Instrument :

FID_C

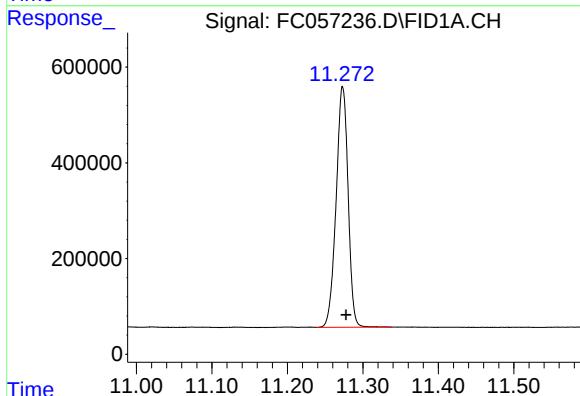
ClientSampleId :

PB141191BS

Manual Integrations

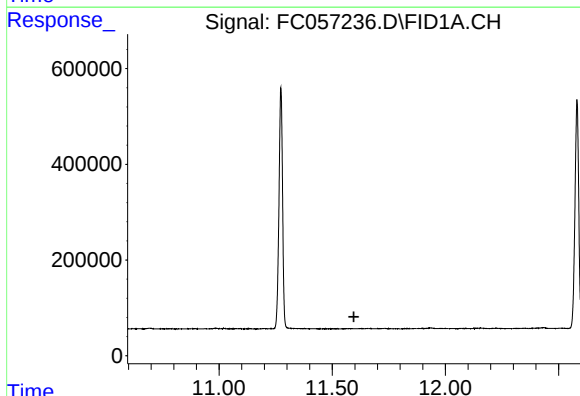
APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



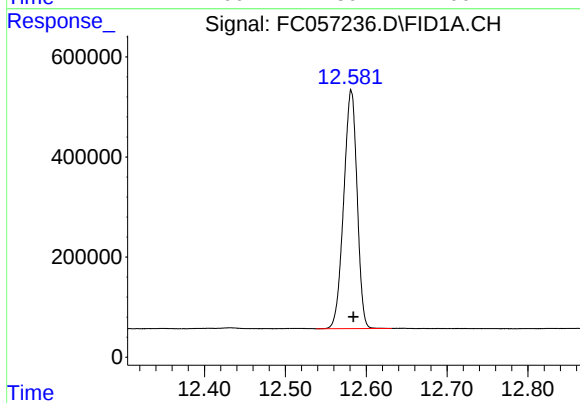
#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 5550307
Conc: 51.81 ug/ml



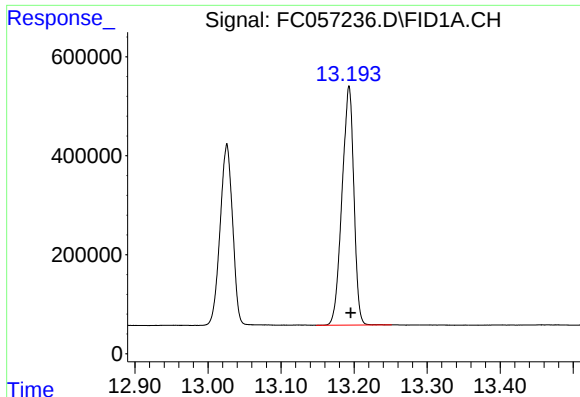
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.003 min
Response: 5481782
Conc: 51.25 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 5440829
Conc: 50.24 ug/ml

Instrument :

FID_C

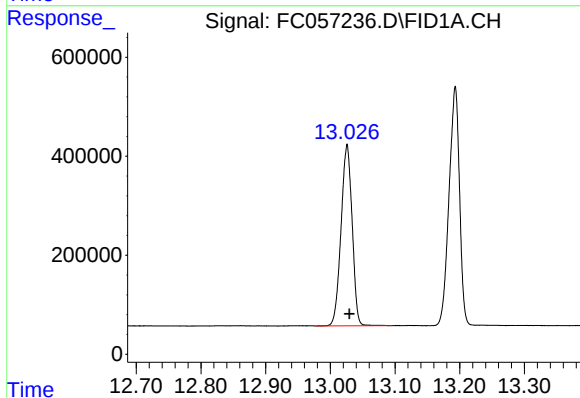
ClientSampleId :

PB141191BS

Manual Integrations

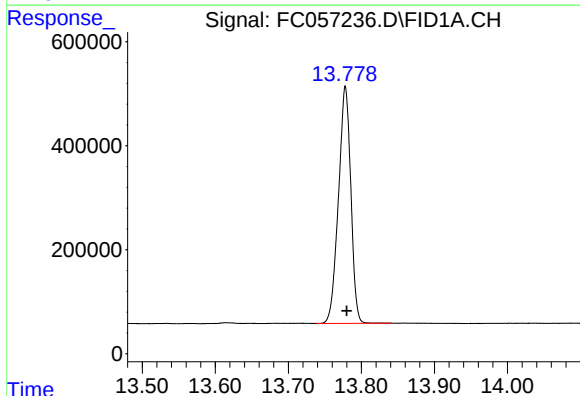
APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



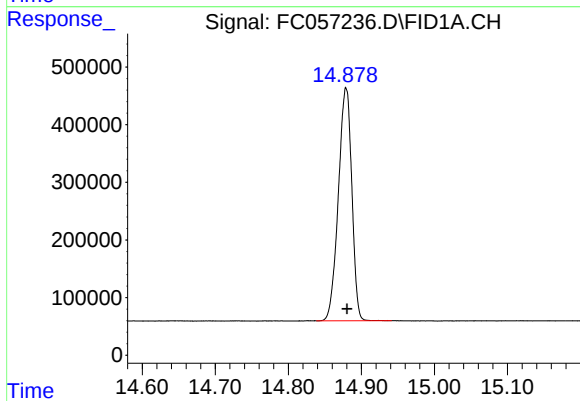
#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.004 min
Response: 4350178
Conc: 47.78 ug/ml



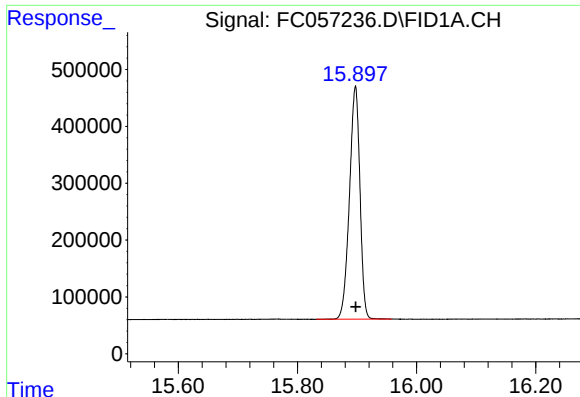
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.002 min
Response: 5348347
Conc: 49.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.002 min
Response: 5168295
Conc: 47.74 ug/ml



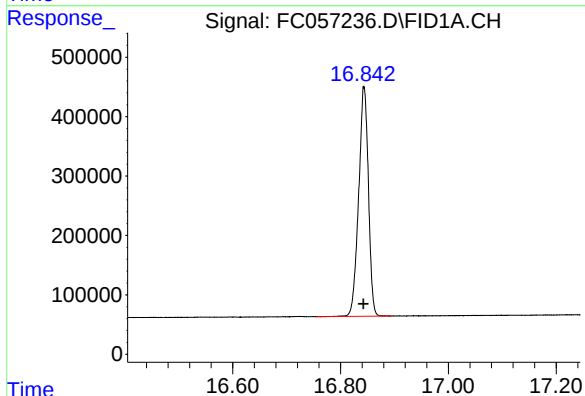
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.000 min
Response: 4996942
Conc: 46.91 ug/ml

Instrument :
FID_C
ClientSampleId :
PB141191BS

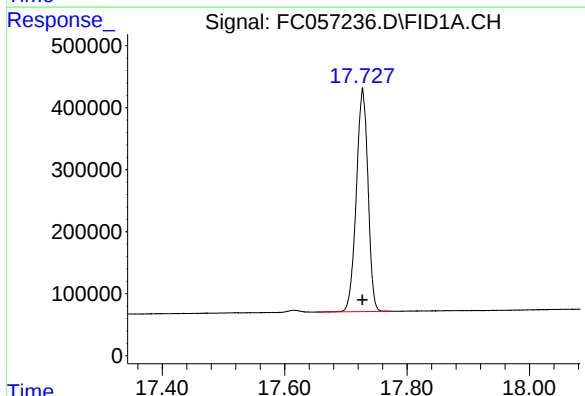
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



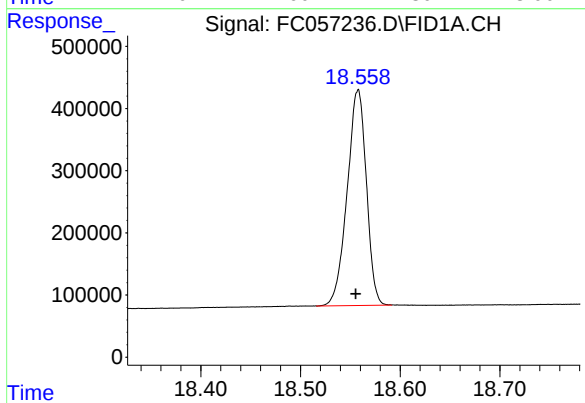
#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.001 min
Response: 4849440
Conc: 45.46 ug/ml



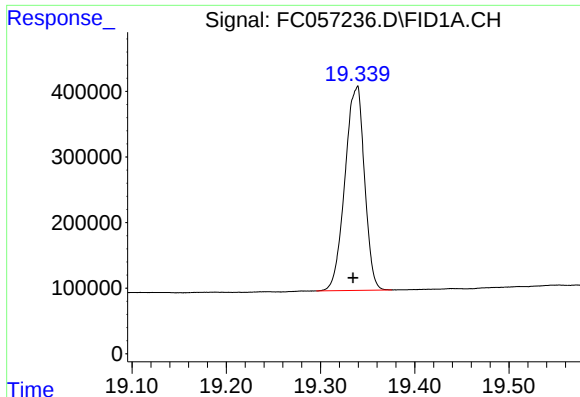
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 4747451
Conc: 44.54 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.002 min
Response: 4647314
Conc: 44.06 ug/ml m



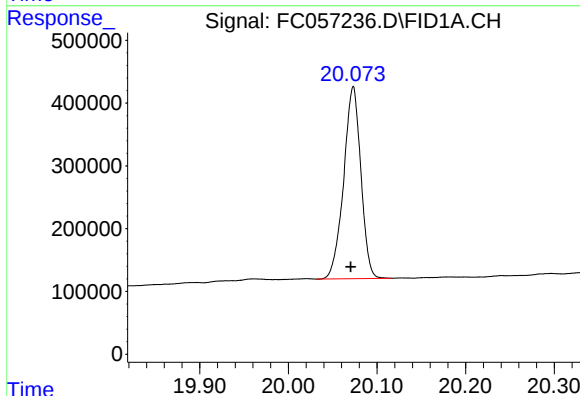
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.005 min
Response: 4474296
Conc: 43.07 ug/ml

Instrument :
FID_C
ClientSampleId :
PB141191BS

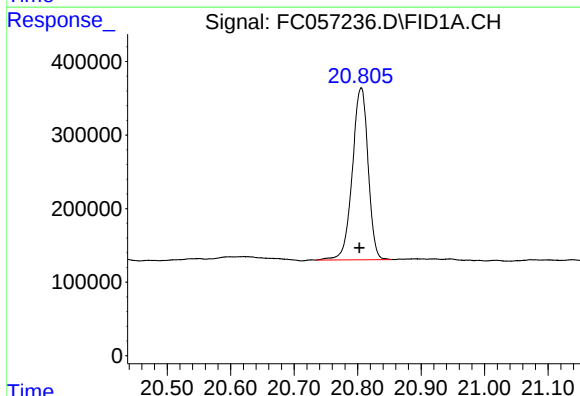
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



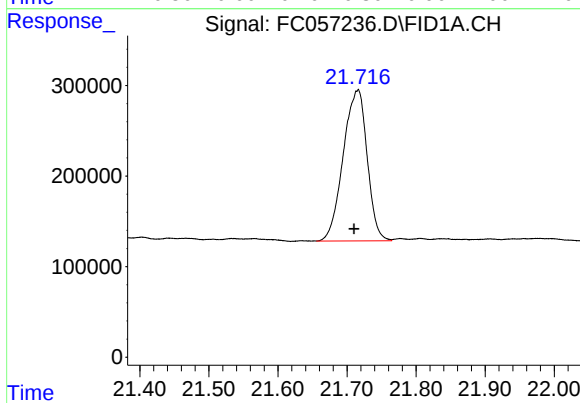
#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.003 min
Response: 4132415
Conc: 40.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.002 min
Response: 4034021
Conc: 43.95 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: 0.006 min
Response: 4015662
Conc: 44.58 ug/ml m