

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112221AL\
 Data File : FC057008.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 3:10
 Operator : AJ\MA
 Sample : M4783-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RBR-200033-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 23 04:45:12 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			
9) S ortho-Terphenyl (SURR)	11.595	4424792	38.129 ug/mlm
Spiked Amount 50.000		Recovery =	76.26%
12) S 1-chlorooctadecane (S...	13.027	3452166	37.920 ug/ml
Spiked Amount 50.000		Recovery =	75.84%
Target Compounds			
1) T n-Nonane (C9)	3.383	5694091	56.193 ug/ml
2) T n-Decane (C10)	4.438	6110624	61.021 ug/ml
3) T A~Naphthalene (C11.7)	6.018	6757701	60.520 ug/ml
4) T n-Dodecane (C12)	6.446	6375246	62.877 ug/ml
5) T A~2-methylnaphthalene...	7.073	6645384	60.270 ug/ml
6) T n-Tetradecane (C14)	8.240	6525006	64.400 ug/ml
7) T n-Hexadecane (C16)	9.838	6569316	64.018 ug/ml
8) T n-Octadecane (C18)	11.278	6632615	61.907 ug/ml
10) T n-Eicosane (C20)	12.584	6339155	59.269 ug/ml
11) T n-Heneicosane (C21)	13.195	6206316	57.310 ug/ml
13) T n-Docosane (C22)	13.780	6054792	56.516 ug/ml
14) T n-Tetracosane (C24)	14.878	11140369	102.908 ug/ml
15) T n-Hexacosane (C26)	15.897	5553360	52.136 ug/ml
16) T n-Octacosane (C28)	16.843	5174385	48.510 ug/ml
17) T n-Tricontane (C30)	17.728	5098605	47.836 ug/ml
18) T n-Dotriacontane (C32)	18.555	4965496	47.075 ug/ml
19) T n-Tetratriacontane (C34)	19.334	4631510	44.582 ug/mlm
20) T n-Hexatriacontane (C36)	20.069	4277318	42.347 ug/mlm
21) T n-Octatriacontane (C38)	20.799	4091924	44.576 ug/ml
22) T n-Tetracontane (C40)	21.707	4207475	46.706 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112221AL\
Data File : FC057008.D
Signal(s) : FID1A.CH
Acq On : 23 Nov 2021 3:10
Operator : AJ\MA
Sample : M4783-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

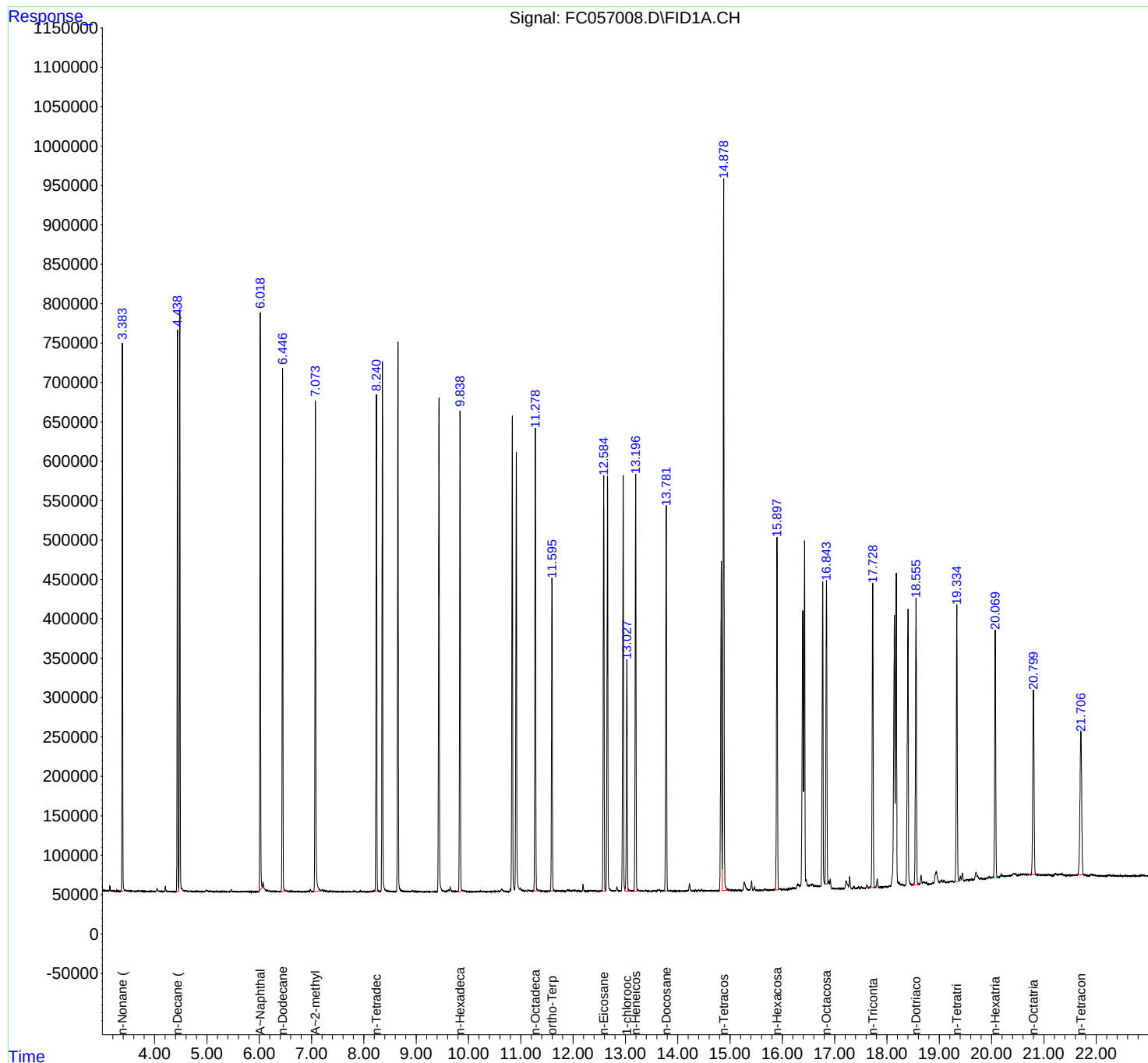
Instrument :
FID_C
ClientSampleId :
RBR-200033-EPH-2MS

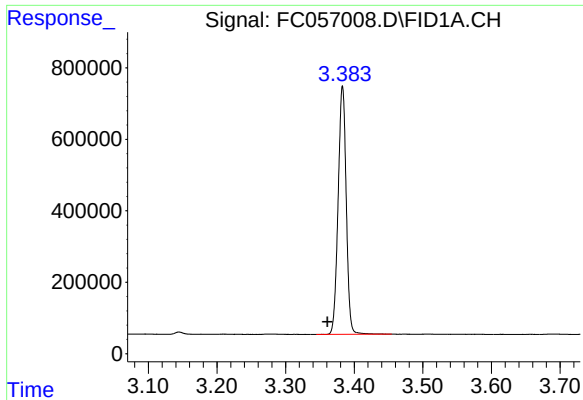
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
Quant Time: Nov 23 04:45:12 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





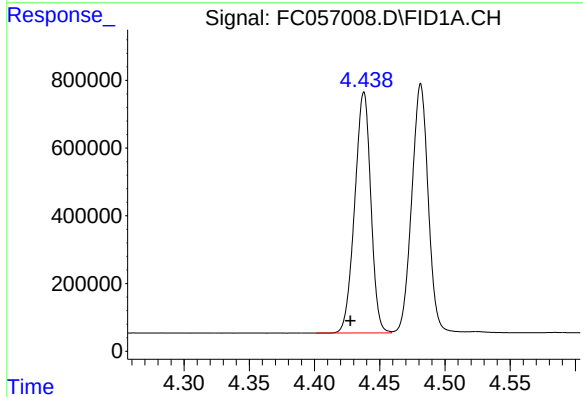
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.022 min
Response: 5694091
Conc: 56.19 ug/ml

Instrument :
FID_C
ClientSampleId :
RBR-200033-EPH-2MS

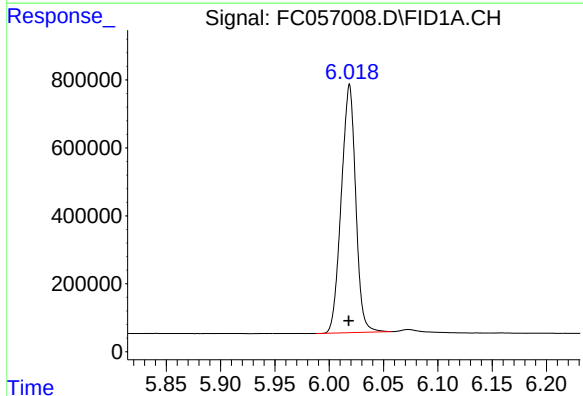
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



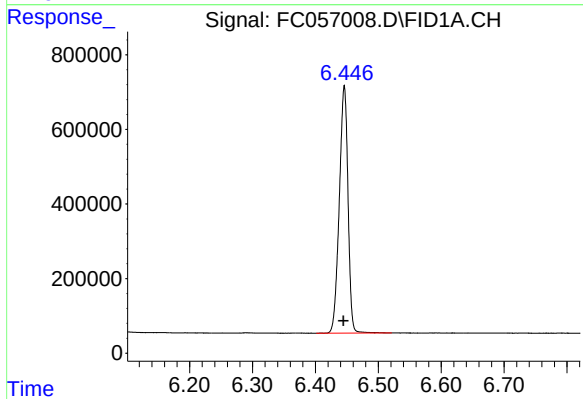
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: 0.010 min
Response: 6110624
Conc: 61.02 ug/ml



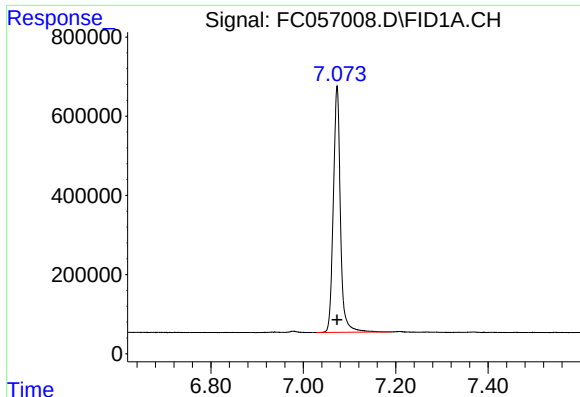
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 6757701
Conc: 60.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: 0.001 min
Response: 6375246
Conc: 62.88 ug/ml



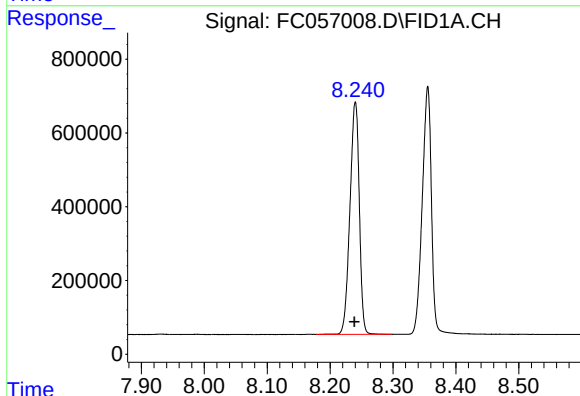
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 6645384
Conc: 60.27 ug/ml

Instrument :
FID_C
ClientSampleId :
RBR-200033-EPH-2MS

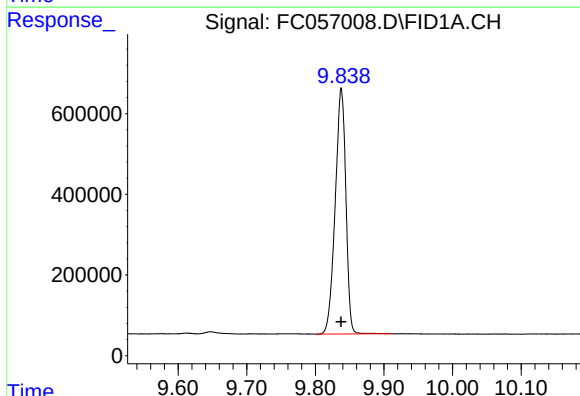
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



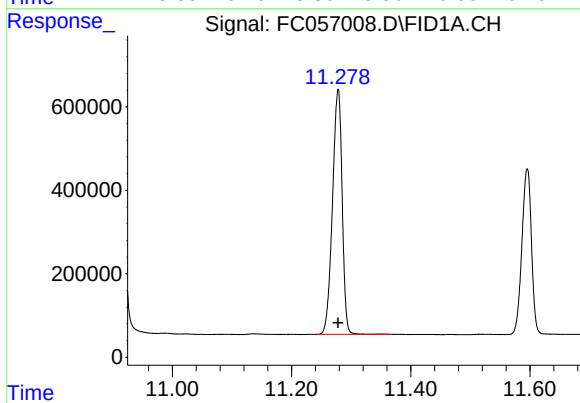
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: 0.001 min
Response: 6525006
Conc: 64.40 ug/ml



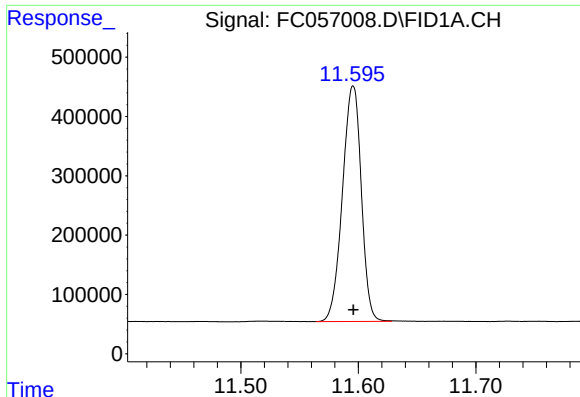
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 6569316
Conc: 64.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 6632615
Conc: 61.91 ug/ml



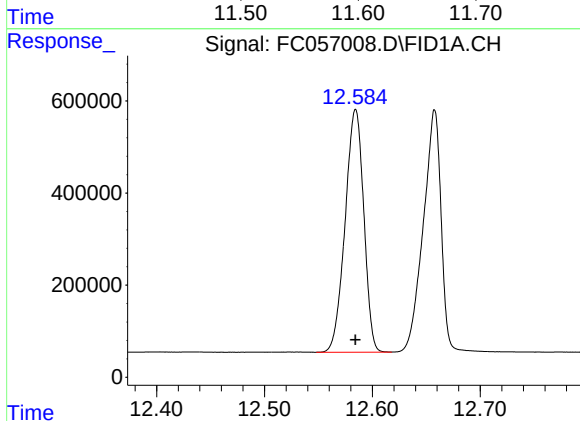
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 4424792
Conc: 38.13 ug/ml

Instrument :
FID_C
ClientSampleId :
RBR-200033-EPH-2MS

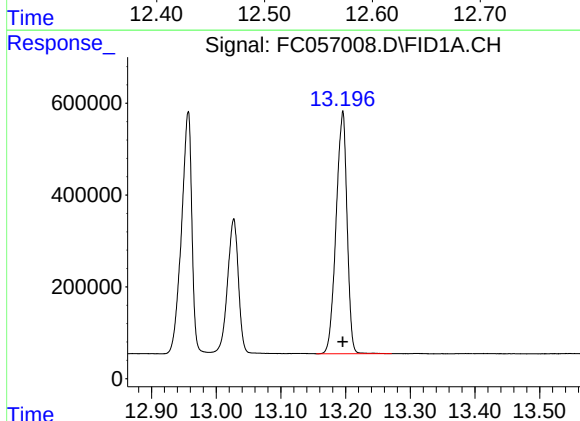
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



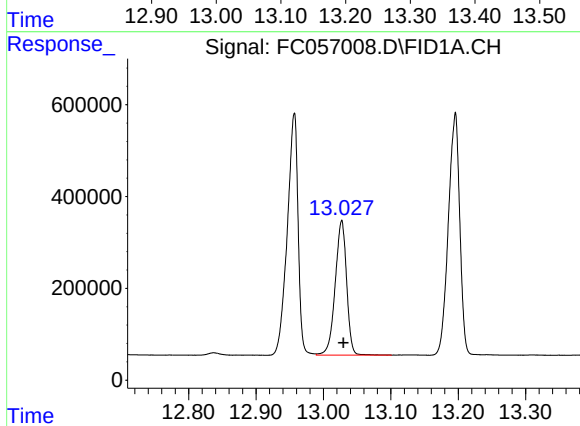
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 6339155
Conc: 59.27 ug/ml



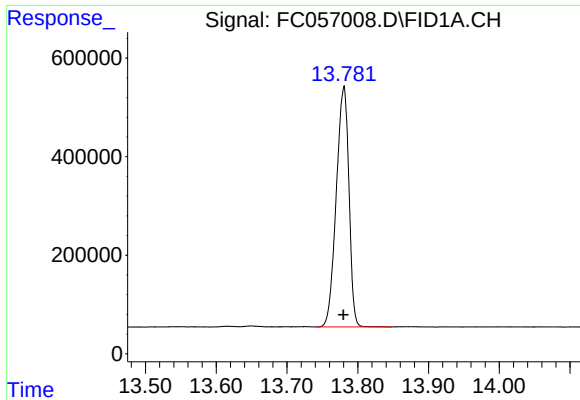
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 6206316
Conc: 57.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 3452166
Conc: 37.92 ug/ml



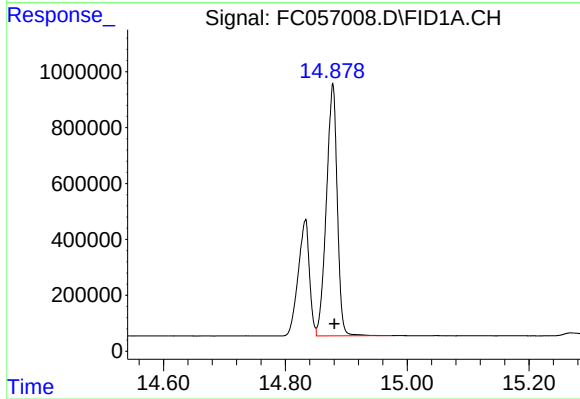
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 6054792
Conc: 56.52 ug/ml

Instrument :
FID_C
ClientSampleId :
RBR-200033-EPH-2MS

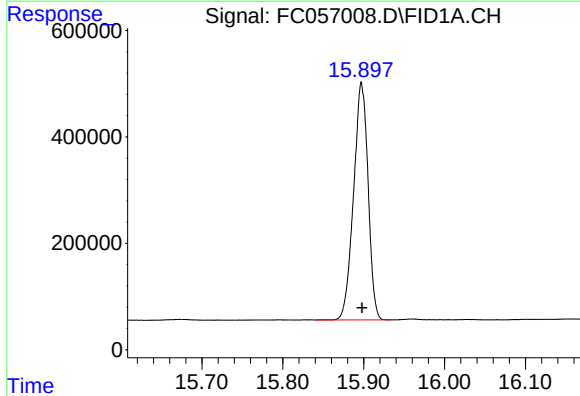
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



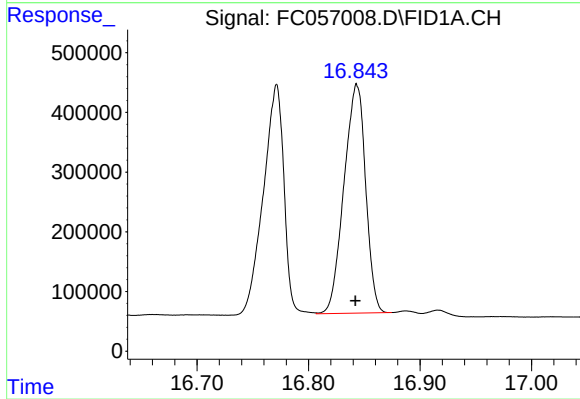
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 11140369
Conc: 102.91 ug/ml



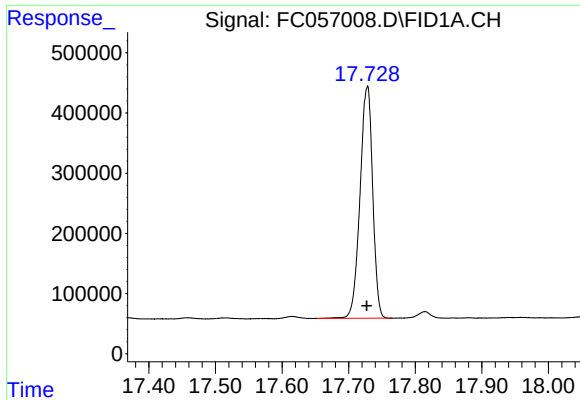
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.000 min
Response: 5553360
Conc: 52.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 5174385
Conc: 48.51 ug/ml



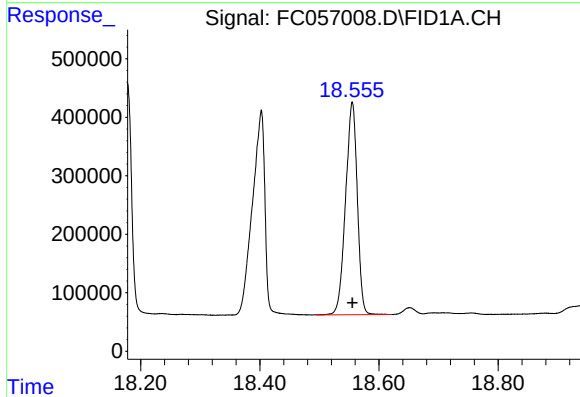
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 5098605
Conc: 47.84 ug/ml

Instrument :
FID_C
ClientSampleId :
RBR-200033-EPH-2MS

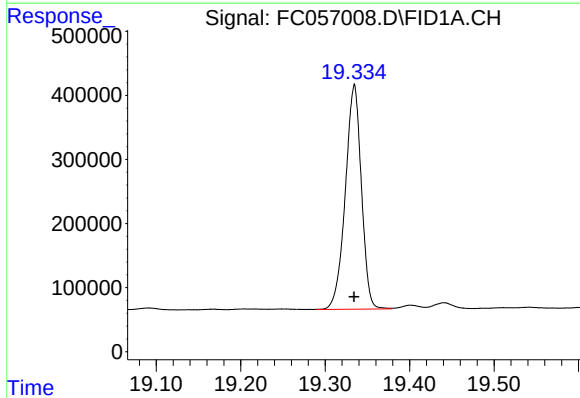
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



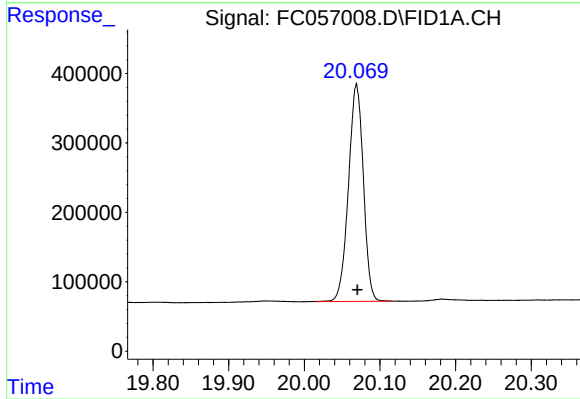
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 4965496
Conc: 47.08 ug/ml



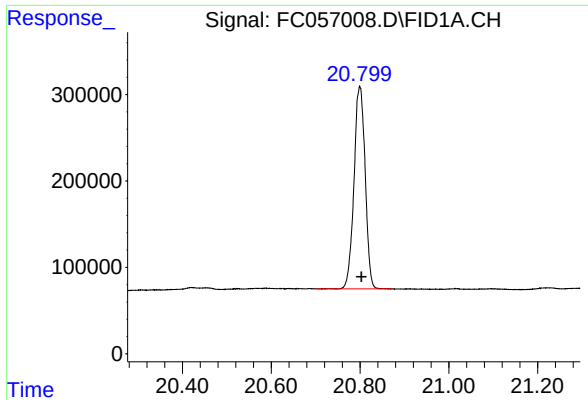
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 4631510
Conc: 44.58 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.002 min
Response: 4277318
Conc: 42.35 ug/ml m



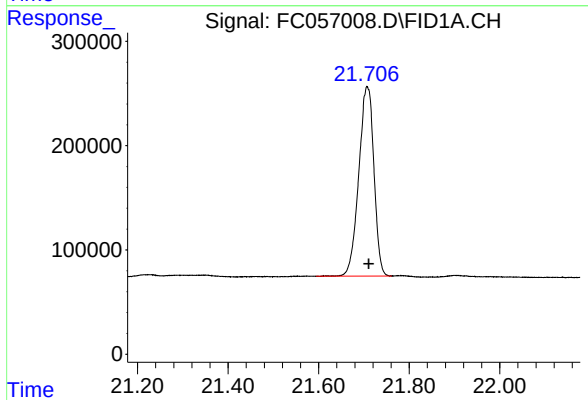
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.004 min
Response: 4091924
Conc: 44.58 ug/ml

Instrument :
FID_C
ClientSampleId :
RBR-200033-EPH-2MS

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.003 min
Response: 4207475
Conc: 46.71 ug/ml