

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
 Data File : FD039527.D
 Signal(s) : FID2B.CH
 Acq On : 19 Nov 2021 12:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 19 21:34:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.664	2833919	22.211 ug/ml
Spiked Amount 50.000		Recovery =	44.42%
12) S 1-chlorooctadecane (S...	13.091	2196550	21.136 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
Target Compounds			
1) T n-Nonane (C9)	3.422	2568902	22.094 ug/ml
2) T n-Decane (C10)	4.491	2631351	22.508 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2926926	22.711 ug/ml
4) T n-Dodecane (C12)	6.508	2654013	22.430 ug/ml
5) T A~2-methylnaphthalene...	7.141	2938271	22.373 ug/ml
6) T n-Tetradecane (C14)	8.301	2673425	22.682 ug/ml
7) T n-Hexadecane (C16)	9.899	2671476	22.293 ug/ml
8) T n-Octadecane (C18)	11.338	2707630	22.123 ug/ml
10) T n-Eicosane (C20)	12.645	2642321	21.425 ug/ml
11) T n-Heneicosane (C21)	13.256	2630045	21.002 ug/ml
13) T n-Docosane (C22)	13.840	2600749	20.939 ug/ml
14) T n-Tetracosane (C24)	14.941	2604476	20.981 ug/ml
15) T n-Hexacosane (C26)	15.958	2491759	20.284 ug/ml
16) T n-Octacosane (C28)	16.905	2456460	21.100 ug/ml
17) T n-Tricontane (C30)	17.789	2428859	20.620 ug/ml
18) T n-Dotriacontane (C32)	18.618	2380068	20.817 ug/mlm
19) T n-Tetratriacontane (C34)	19.399	2336864	22.047 ug/mlm
20) T n-Hexatriacontane (C36)	20.135	2249999	22.087 ug/mlm
21) T n-Octatriacontane (C38)	20.876	2176408	22.680 ug/ml
22) T n-Tetracontane (C40)	21.800	2303088	24.965 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
Data File : FD039527.D
Signal(s) : FID2B.CH
Acq On : 19 Nov 2021 12:05
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

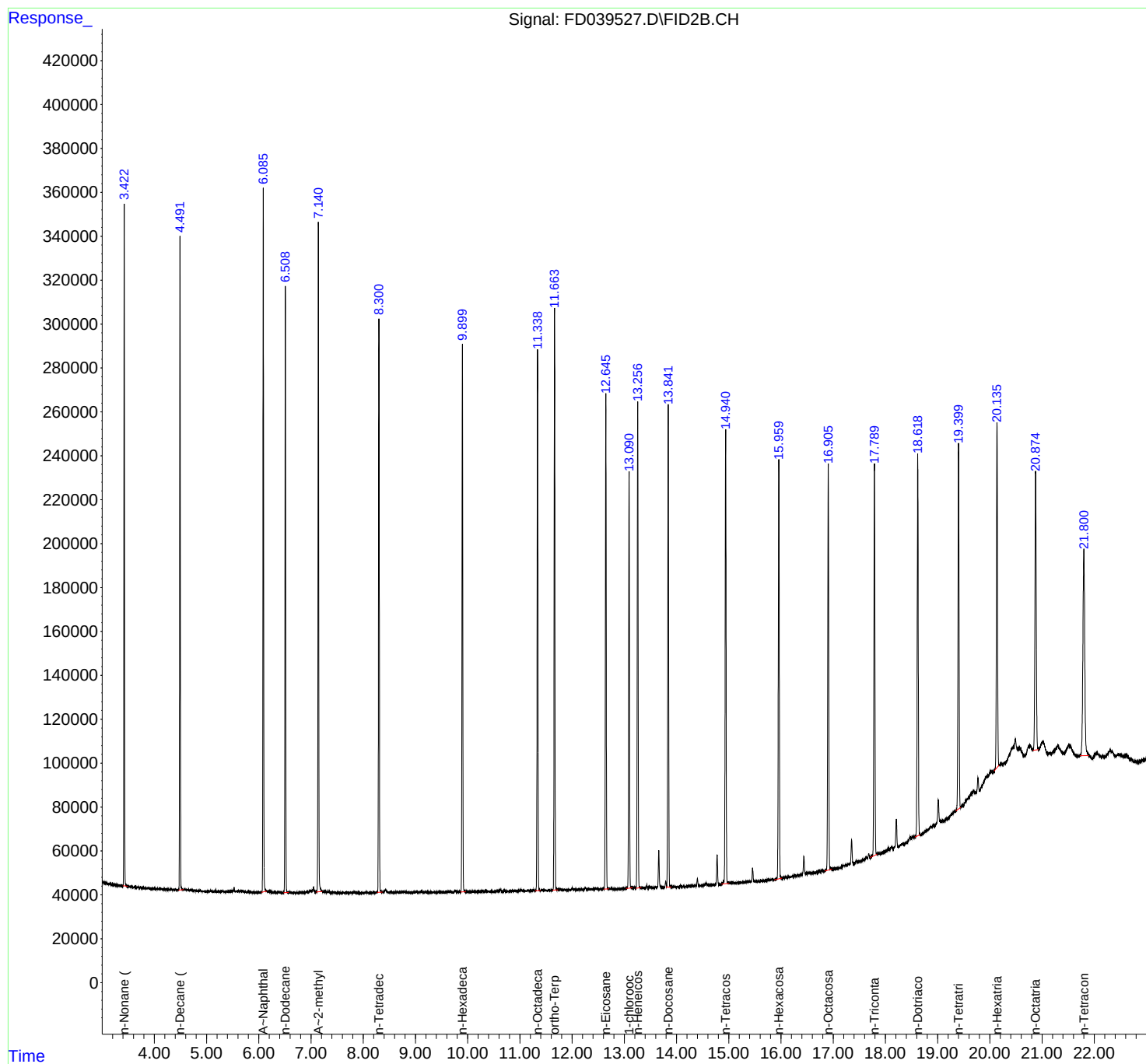
Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

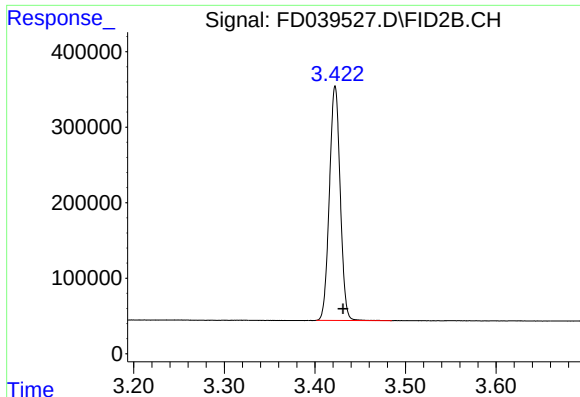
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
Quant Time: Nov 19 21:34:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 04:49:08 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





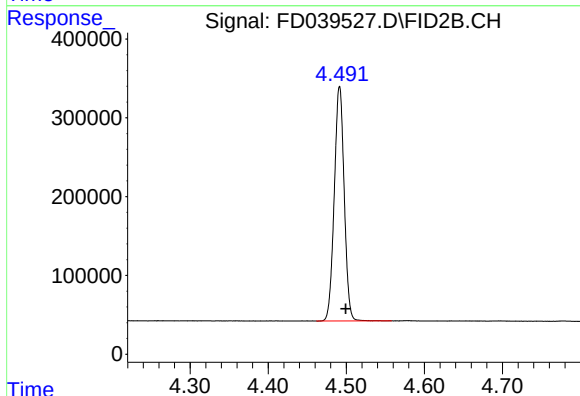
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: -0.009 min
Response: 2568902
Conc: 22.09 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

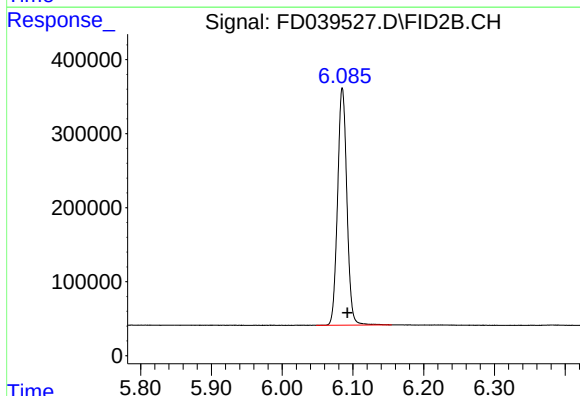
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
Supervised By :Sohil Jodhani 11/22/2021



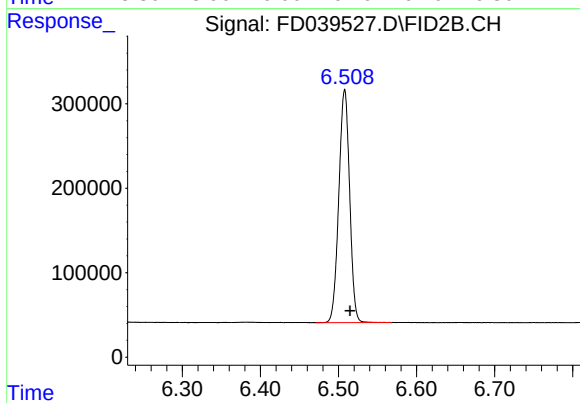
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.008 min
Response: 2631351
Conc: 22.51 ug/ml



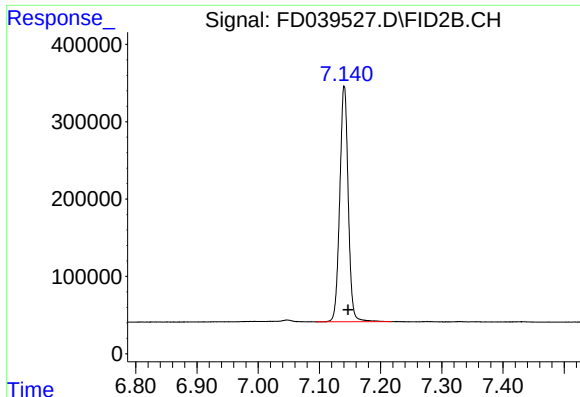
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 2926926
Conc: 22.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 2654013
Conc: 22.43 ug/ml



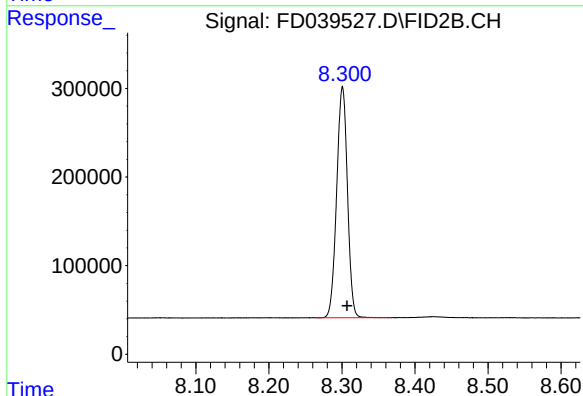
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 2938271
Conc: 22.37 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

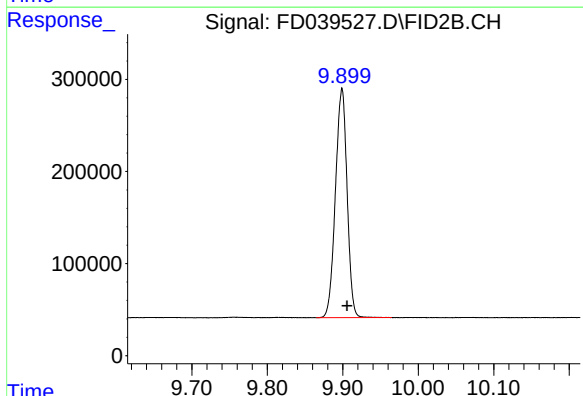
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
Supervised By :Sohil Jodhani 11/22/2021



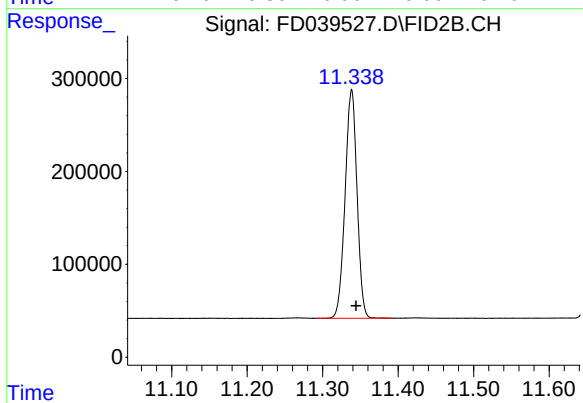
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.007 min
Response: 2673425
Conc: 22.68 ug/ml



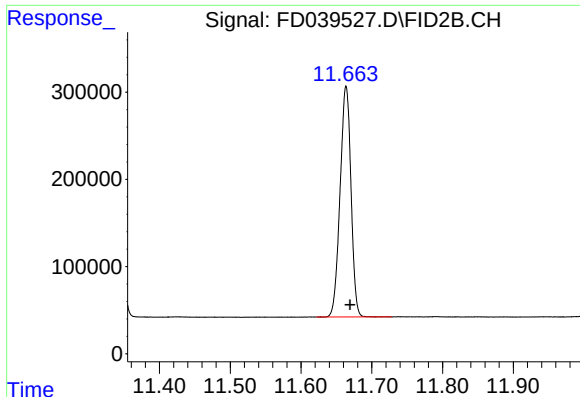
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.007 min
Response: 2671476
Conc: 22.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: -0.006 min
Response: 2707630
Conc: 22.12 ug/ml



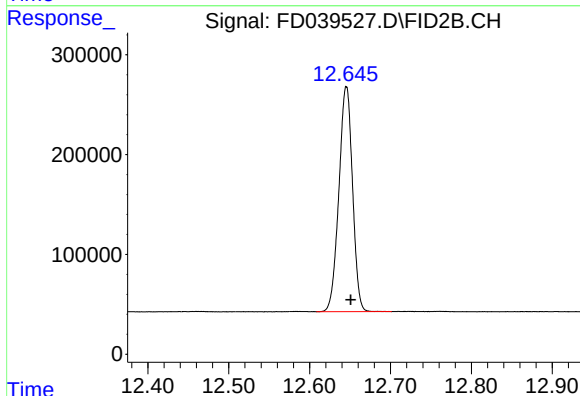
#9 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: -0.006 min
Response: 2833919
Conc: 22.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

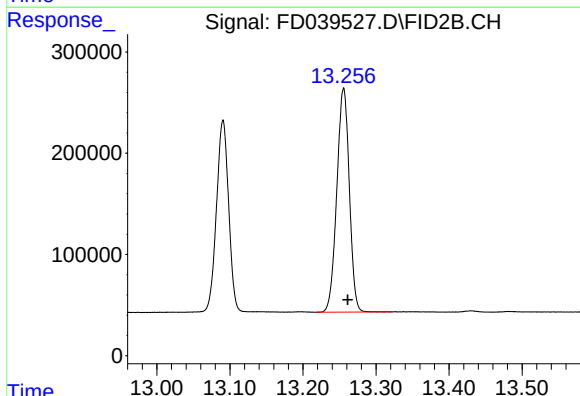
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
Supervised By :Sohil Jodhani 11/22/2021



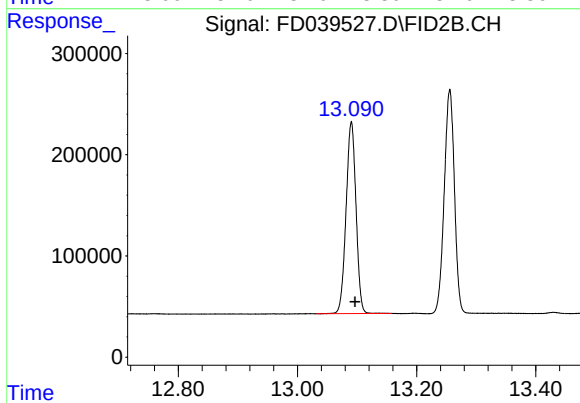
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.006 min
Response: 2642321
Conc: 21.42 ug/ml



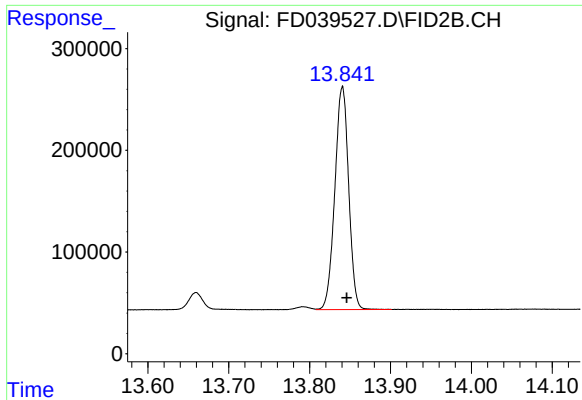
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.006 min
Response: 2630045
Conc: 21.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: -0.006 min
Response: 2196550
Conc: 21.14 ug/ml



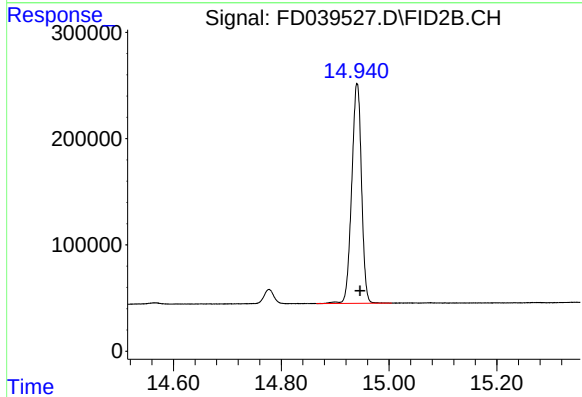
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.006 min
Response: 2600749
Conc: 20.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

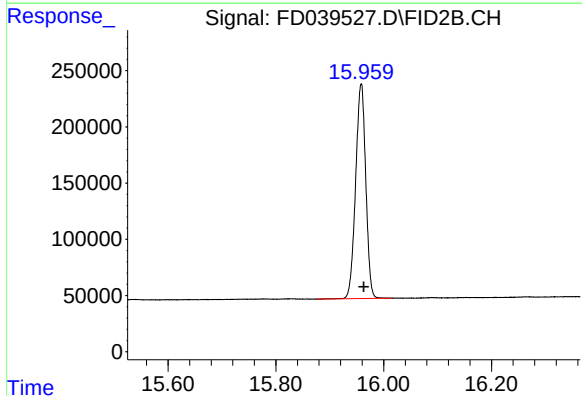
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
Supervised By :Sohil Jodhani 11/22/2021



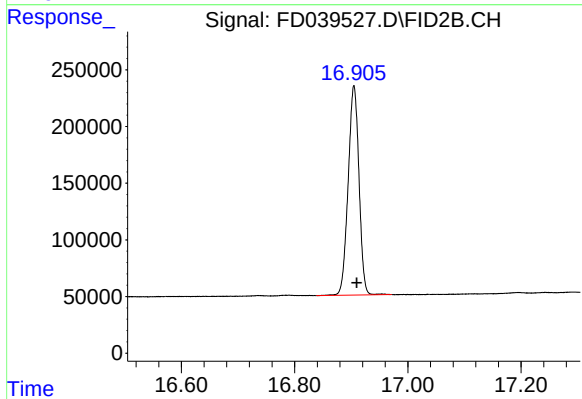
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: -0.005 min
Response: 2604476
Conc: 20.98 ug/ml



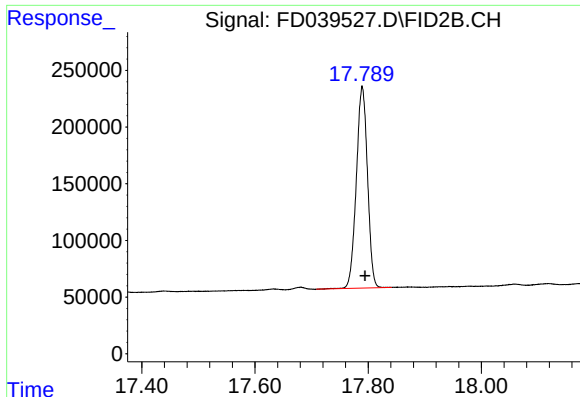
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: -0.005 min
Response: 2491759
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.005 min
Response: 2456460
Conc: 21.10 ug/ml



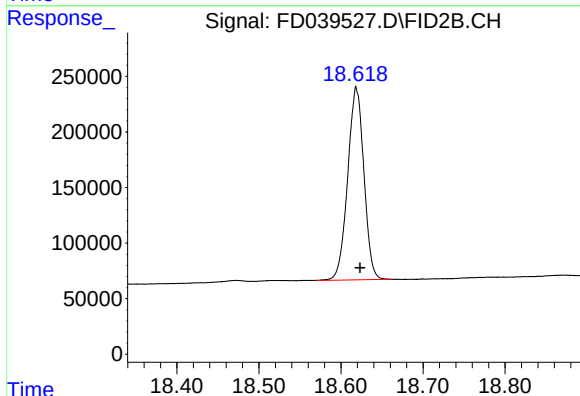
#17 n-Tricontane (C30)

R.T.: 17.789 min
Delta R.T.: -0.005 min
Response: 2428859
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

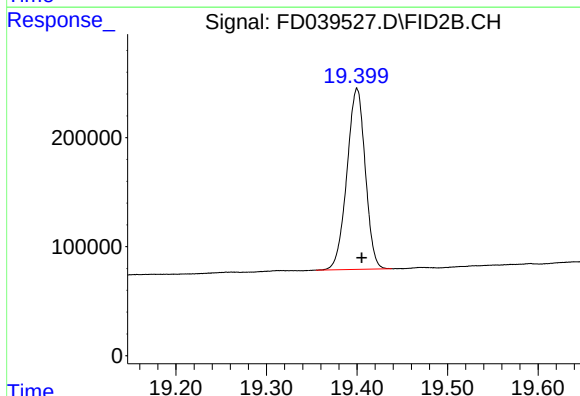
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
Supervised By :Sohil Jodhani 11/22/2021



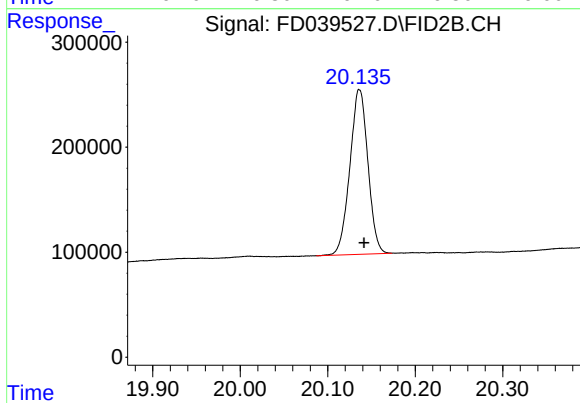
#18 n-Dotriacontane (C32)

R.T.: 18.618 min
Delta R.T.: -0.005 min
Response: 2380068
Conc: 20.82 ug/ml m



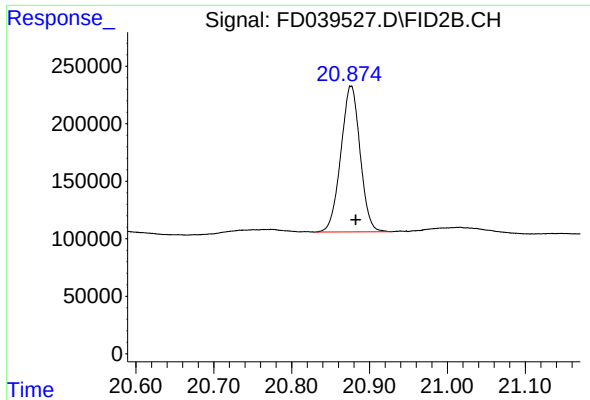
#19 n-Tetratriacontane (C34)

R.T.: 19.399 min
Delta R.T.: -0.006 min
Response: 2336864
Conc: 22.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.135 min
Delta R.T.: -0.007 min
Response: 2249999
Conc: 22.09 ug/ml m



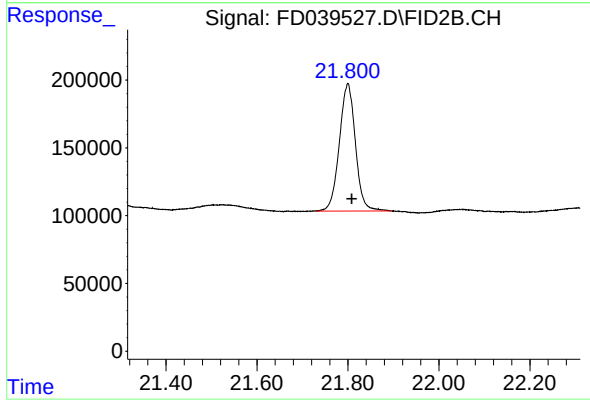
#21 n-Octatriacontane (C38)

R.T.: 20.876 min
Delta R.T.: -0.006 min
Response: 2176408
Conc: 22.68 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
Supervised By :Sohil Jodhani 11/22/2021



#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: -0.009 min
Response: 2303088
Conc: 24.96 ug/ml m