

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
 Data File : FD039549.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2021 2:36
 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 20 04:59:48 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)	11.659	2683397	21.032 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
12) S 1-chlorooctadecane (S...	13.085	2070320	19.921 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.421	2437122	20.961 ug/ml
2) T n-Decane (C10)	4.490	2501123	21.394 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2770515	21.497 ug/ml
4) T n-Dodecane (C12)	6.505	2511973	21.230 ug/ml
5) T A~2-methylnaphthalene...	7.137	2774328	21.124 ug/ml
6) T n-Tetradecane (C14)	8.297	2523696	21.411 ug/ml
7) T n-Hexadecane (C16)	9.895	2518808	21.019 ug/ml
8) T n-Octadecane (C18)	11.334	2557738	20.899 ug/ml
10) T n-Eicosane (C20)	12.640	2498645	20.260 ug/ml
11) T n-Heneicosane (C21)	13.251	2486003	19.852 ug/ml
13) T n-Docosane (C22)	13.835	2455945	19.773 ug/ml
14) T n-Tetracosane (C24)	14.934	2461015	19.825 ug/ml
15) T n-Hexacosane (C26)	15.951	2359509	19.207 ug/ml
16) T n-Octacosane (C28)	16.898	2319652	19.925 ug/ml
17) T n-Tricontane (C30)	17.782	2302219	19.545 ug/ml
18) T n-Dotriacontane (C32)	18.611	2261549	19.780 ug/mlm
19) T n-Tetratriacontane (C34)	19.392	2192913	20.689 ug/ml
20) T n-Hexatriacontane (C36)	20.128	2135867	20.967 ug/mlm
21) T n-Octatriacontane (C38)	20.866	2045684	21.317 ug/ml
22) T n-Tetracontane (C40)	21.787	2051097	22.233 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
Data File : FD039549.D
Signal(s) : FID2B.CH
Acq On : 20 Nov 2021 2:36
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

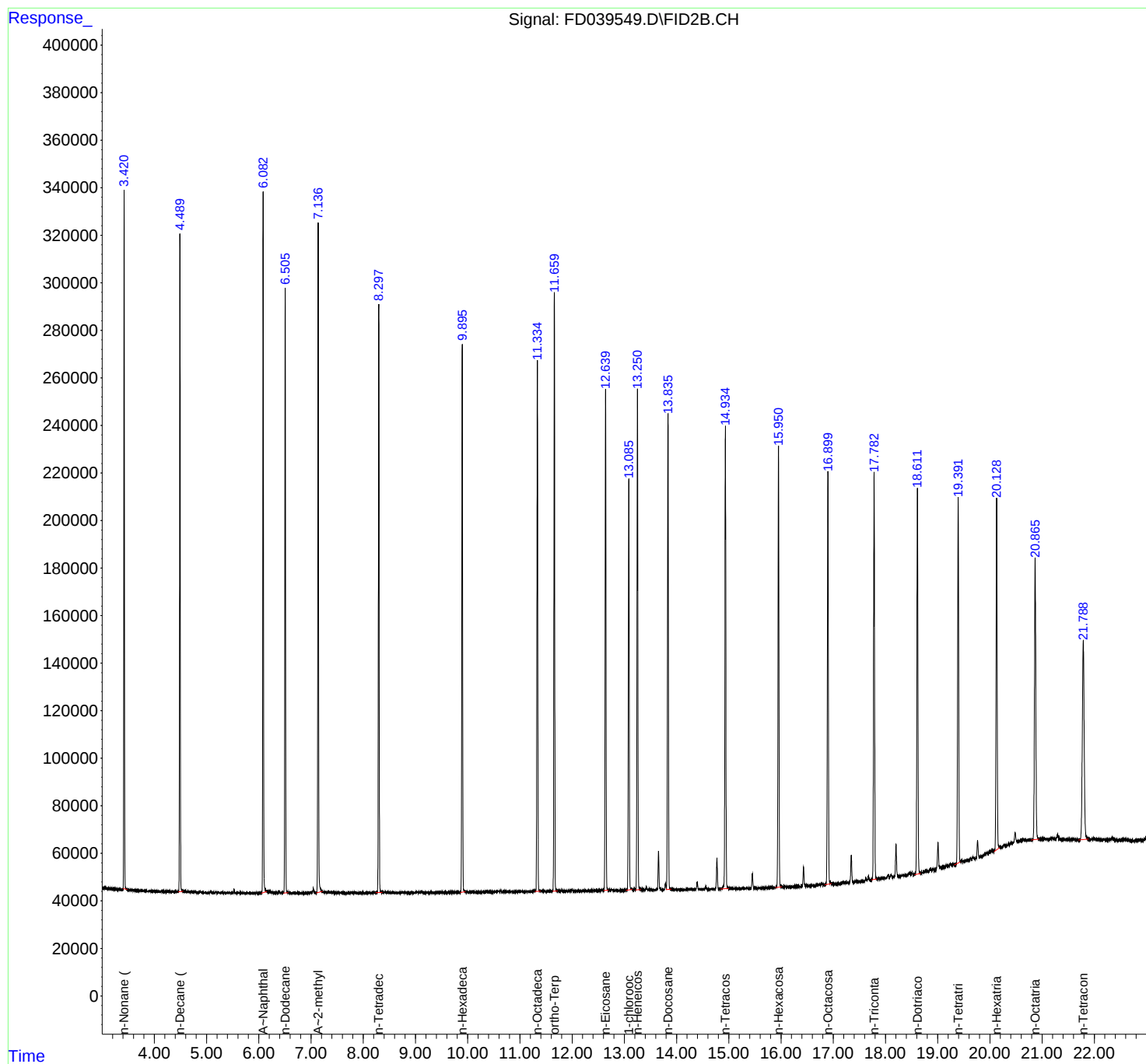
Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

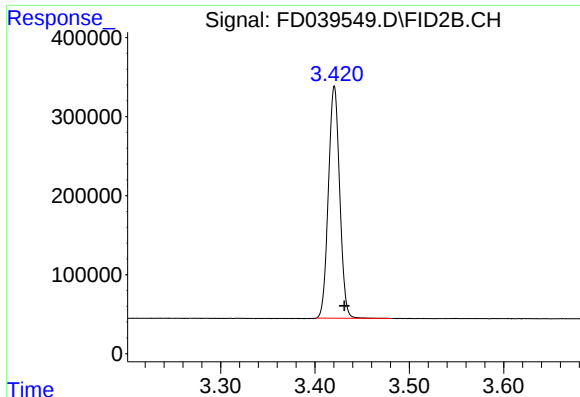
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Nov 20 04:59:48 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





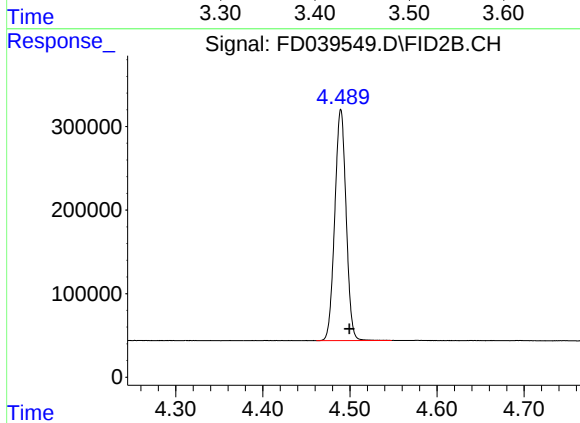
#1 n-Nonane (C9)

R.T.: 3.421 min
Delta R.T.: -0.010 min
Response: 2437122
Conc: 20.96 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

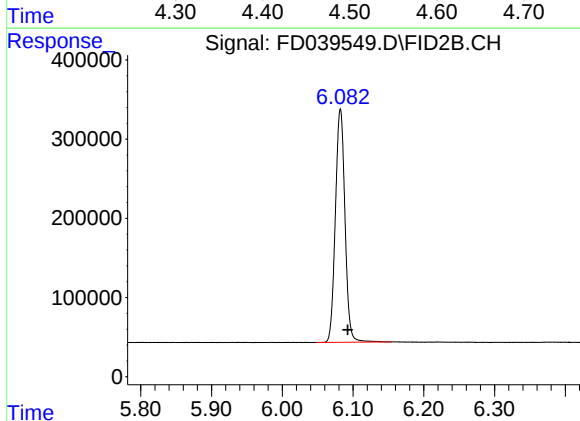
Manual Integrations
APPROVED

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



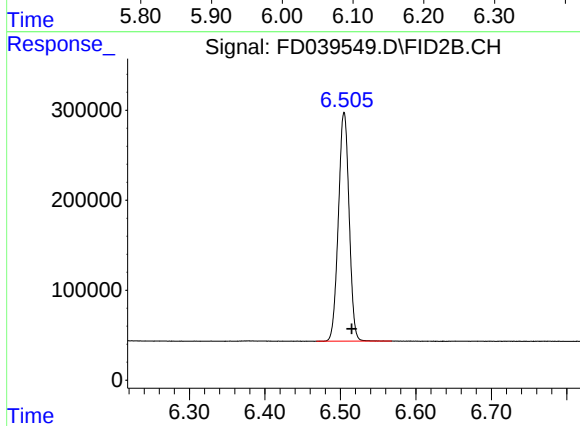
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.010 min
Response: 2501123
Conc: 21.39 ug/ml



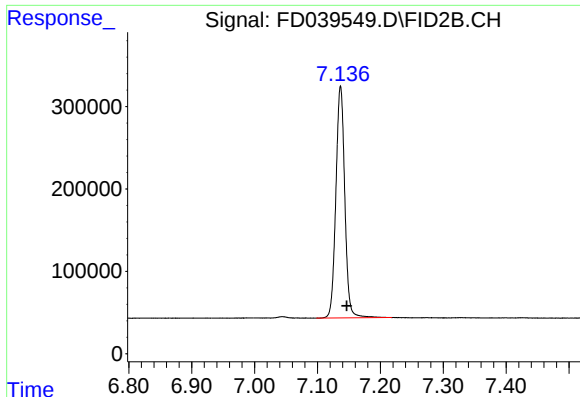
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.010 min
Response: 2770515
Conc: 21.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.010 min
Response: 2511973
Conc: 21.23 ug/ml



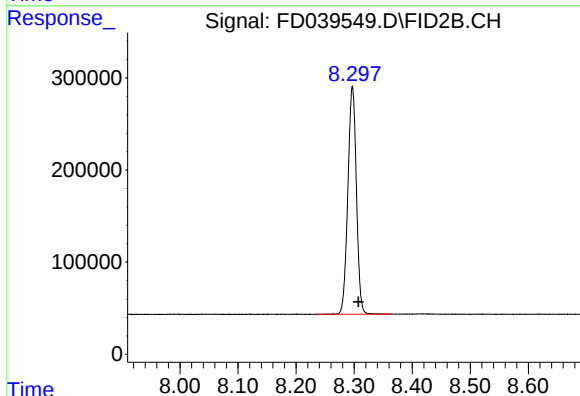
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.010 min
Response: 2774328
Conc: 21.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

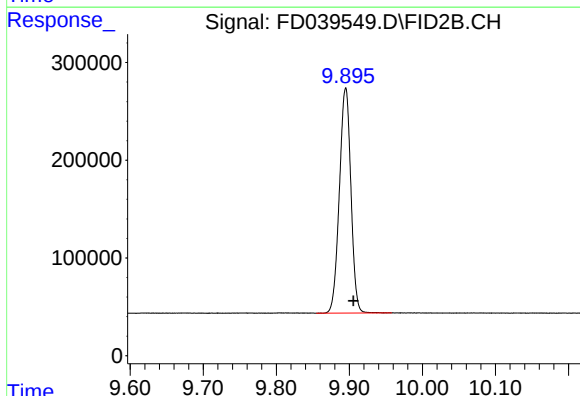
Manual Integrations
APPROVED

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



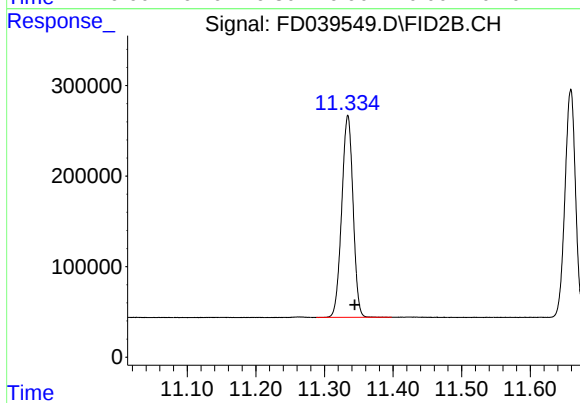
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.010 min
Response: 2523696
Conc: 21.41 ug/ml



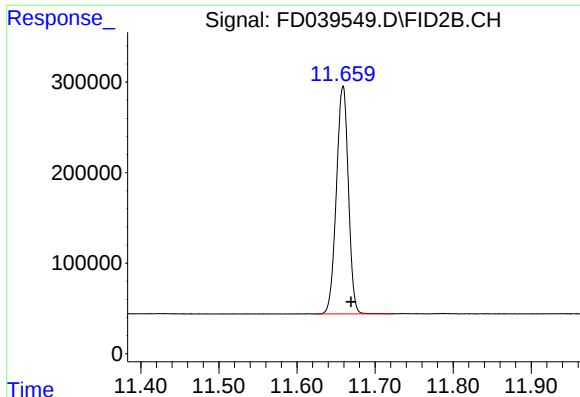
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.011 min
Response: 2518808
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: -0.010 min
Response: 2557738
Conc: 20.90 ug/ml



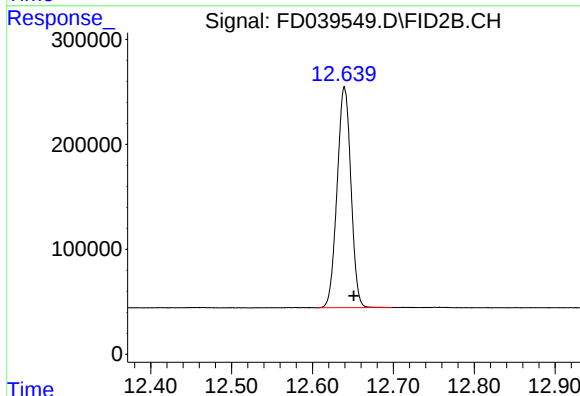
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.011 min
Response: 2683397
Conc: 21.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

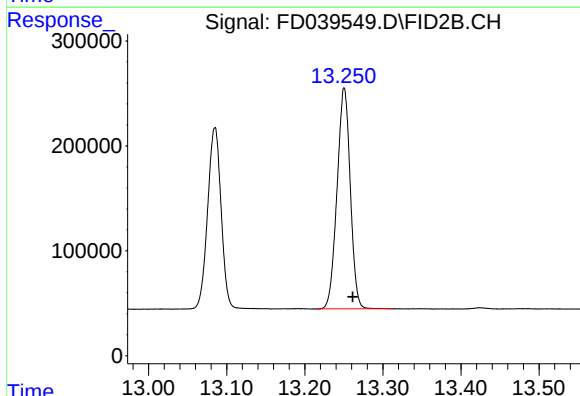
Manual Integrations
APPROVED

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



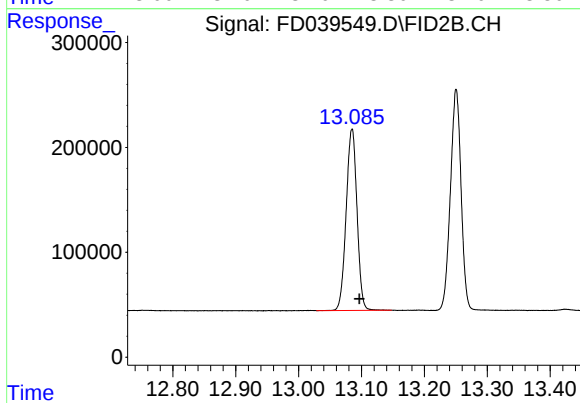
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.011 min
Response: 2498645
Conc: 20.26 ug/ml



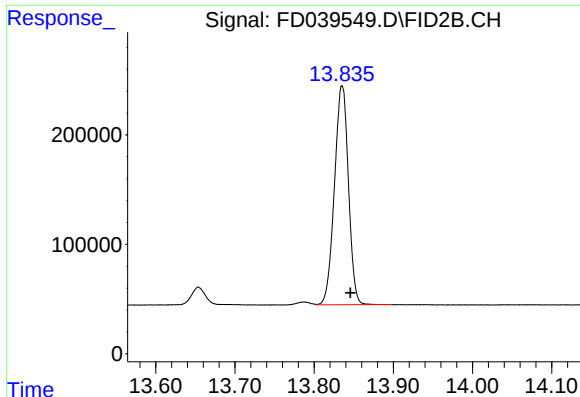
#11 n-Heneicosane (C21)

R.T.: 13.251 min
Delta R.T.: -0.011 min
Response: 2486003
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.085 min
Delta R.T.: -0.012 min
Response: 2070320
Conc: 19.92 ug/ml



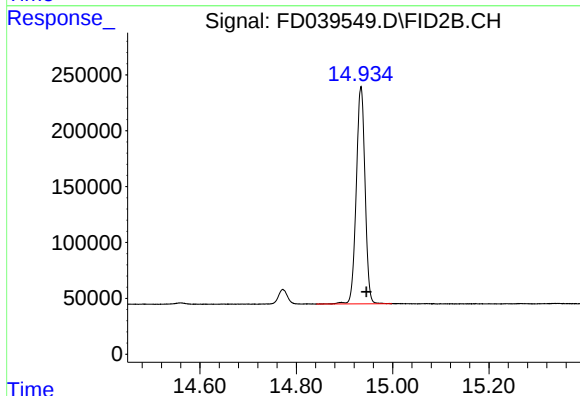
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.011 min
Response: 2455945
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

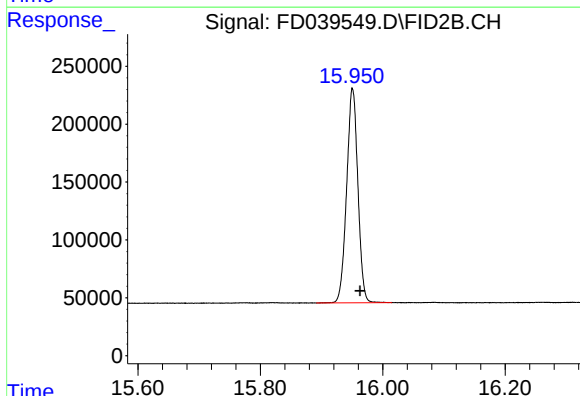
Manual Integrations
APPROVED

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



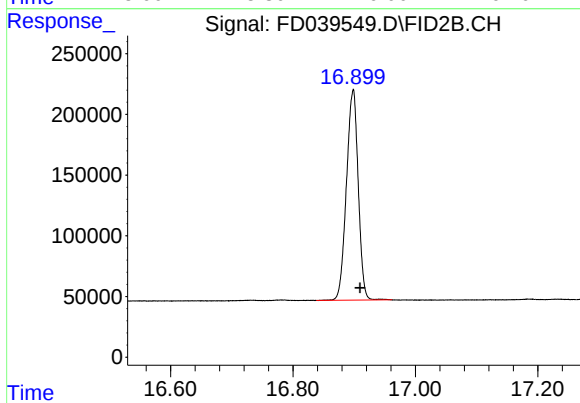
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.012 min
Response: 2461015
Conc: 19.83 ug/ml



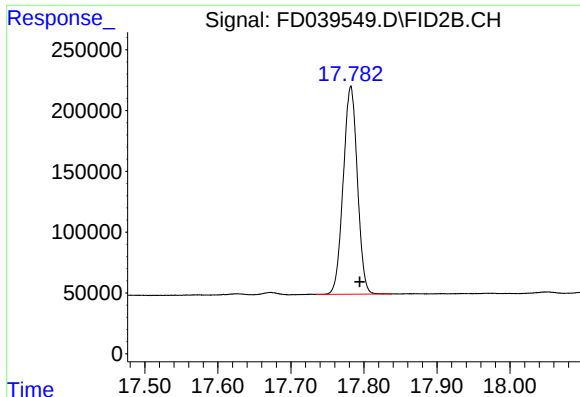
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: -0.012 min
Response: 2359509
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.898 min
Delta R.T.: -0.012 min
Response: 2319652
Conc: 19.92 ug/ml



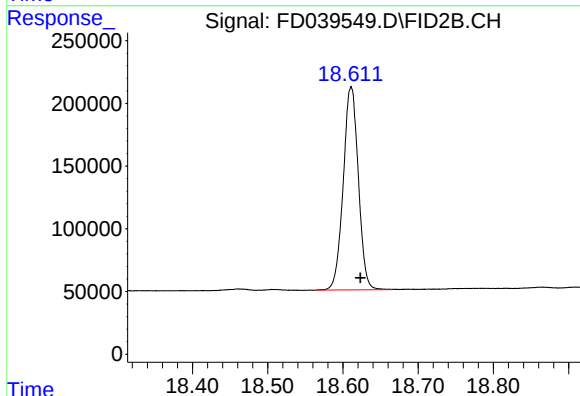
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.012 min
Response: 2302219
Conc: 19.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

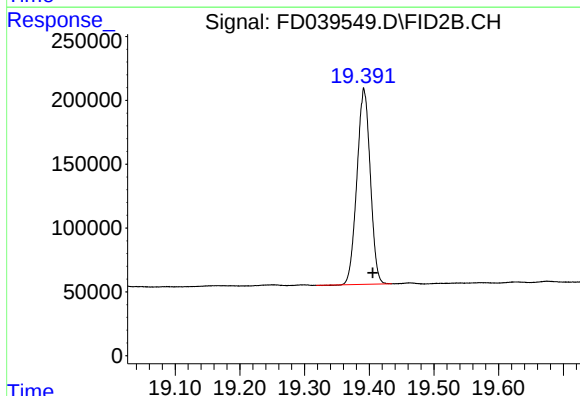
Manual Integrations
APPROVED

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



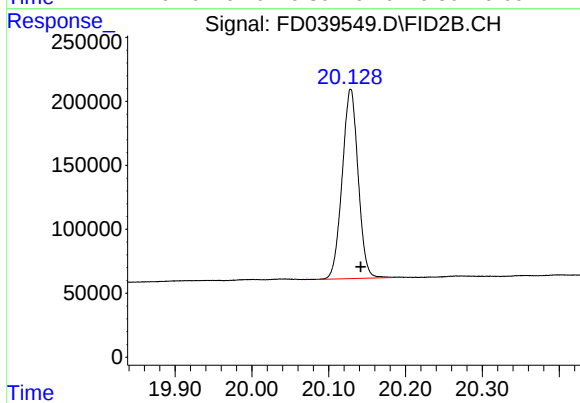
#18 n-Dotriacontane (C32)

R.T.: 18.611 min
Delta R.T.: -0.013 min
Response: 2261549
Conc: 19.78 ug/ml m



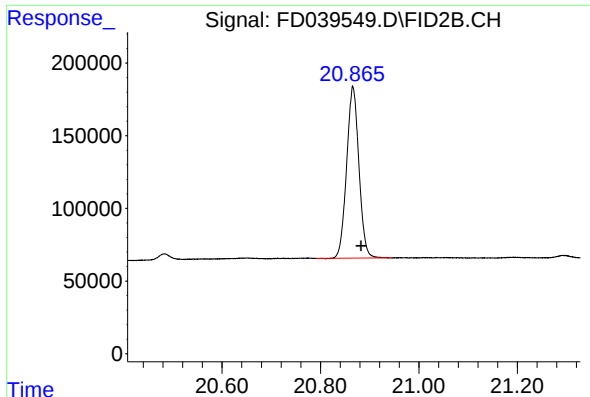
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.014 min
Response: 2192913
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.014 min
Response: 2135867
Conc: 20.97 ug/ml m



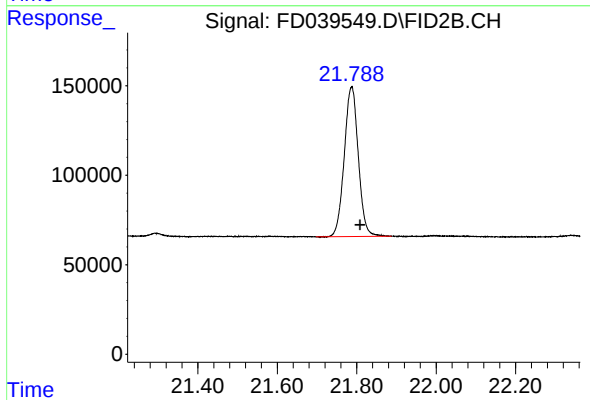
#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.016 min
Response: 2045684
Conc: 21.32 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.: 21.787 min
Delta R.T.: -0.021 min
Response: 2051097
Conc: 22.23 ug/ml