

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031021AL\
 Data File : FC052356.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2021 1:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC CH STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC CH STD

Manual Integrations
 APPROVED

Ankita
 3/11/2021 3:44:25 PM

Integration File: autoint1.e
 Quant Time: Mar 11 03:06:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.614	2303875	17.470 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
12) S 1-chlorooctadecane (S...	13.051	1789844	17.210 ug/ml
Spiked Amount 50.000		Recovery =	34.42%
Target Compounds			
1) T n-Nonane (C9)	3.354	2218343	18.819 ug/ml
2) T n-Decane (C10)	4.424	2234243	18.812 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2500137	18.830 ug/ml
4) T n-Dodecane (C12)	6.448	2271892	18.793 ug/ml
5) T A~2-methylnaphthalene...	7.076	2536566	18.688 ug/ml
6) T n-Tetradecane (C14)	8.247	2265925	18.689 ug/ml
7) T n-Hexadecane (C16)	9.850	2203131	18.413 ug/ml
8) T n-Octadecane (C18)	11.293	2231825	18.030 ug/ml
10) T n-Eicosane (C20)	12.605	2166391	17.582 ug/ml
11) T n-Heneicosane (C21)	13.218	2119678	17.364 ug/ml
13) T n-Docosane (C22)	13.805	2059094	17.113 ug/ml
14) T n-Tetracosane (C24)	14.909	1948988	16.717 ug/ml
15) T n-Hexacosane (C26)	15.930	1843836	16.785 ug/ml
16) T n-Octacosane (C28)	16.881	1773519	17.303 ug/ml
17) T n-Tricontane (C30)	17.766	1731580	18.394 ug/ml
18) T n-Dotriacontane (C32)	18.599	1677776	19.650 ug/ml
19) T n-Tetratriacontane (C34)	19.383	1641724	21.176 ug/ml
20) T n-Hexatriacontane (C36)	20.121	1569208	21.838 ug/mlm
21) T n-Octatriacontane (C38)	20.863	1532353	22.370 ug/ml
22) T n-Tetracontane (C40)	21.787	1589155	22.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031021AL\
Data File : FC052356.D
Signal(s) : FID1A.CH
Acq On : 11 Mar 2021 1:23
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC CH STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

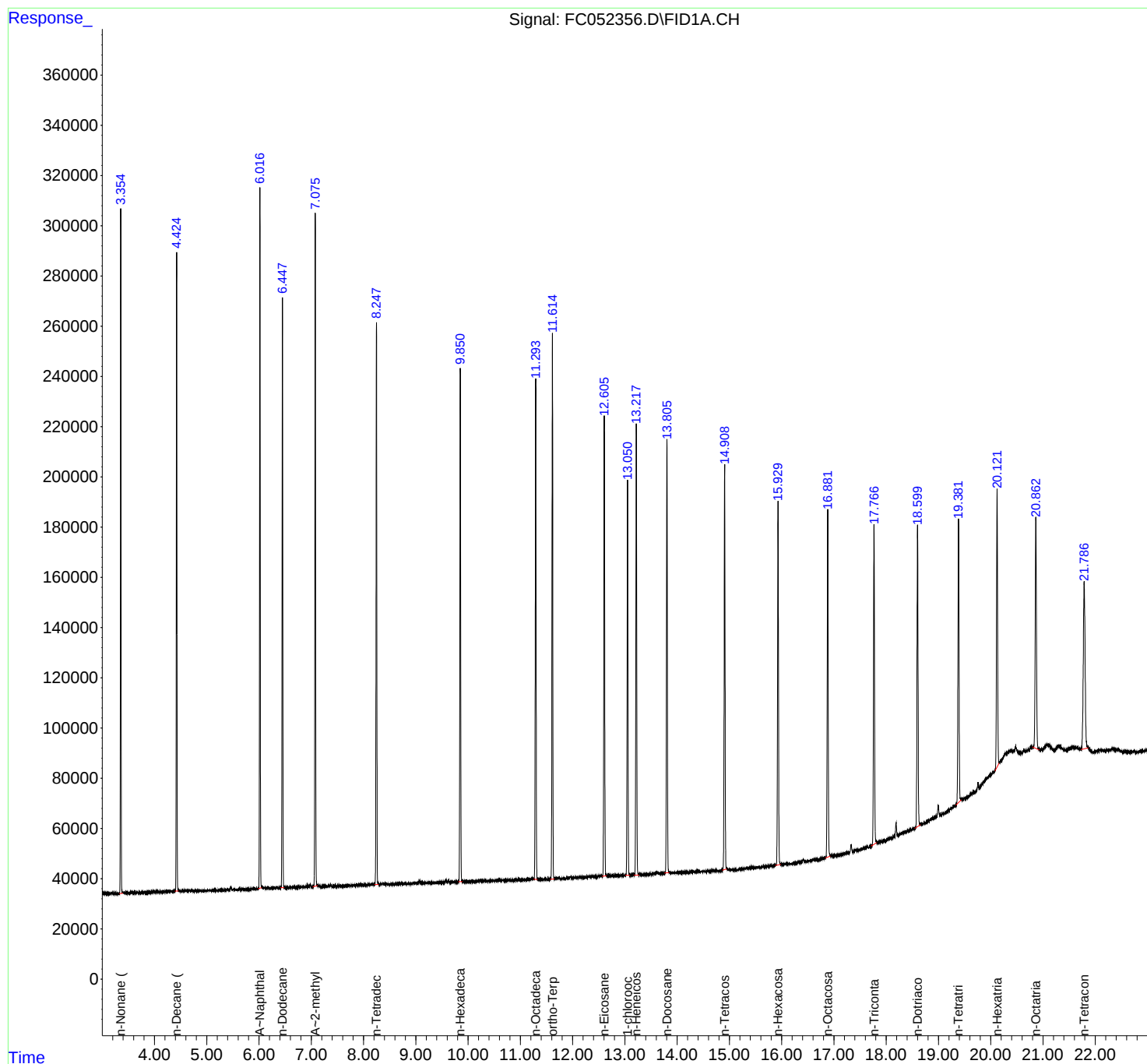
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC CH STD

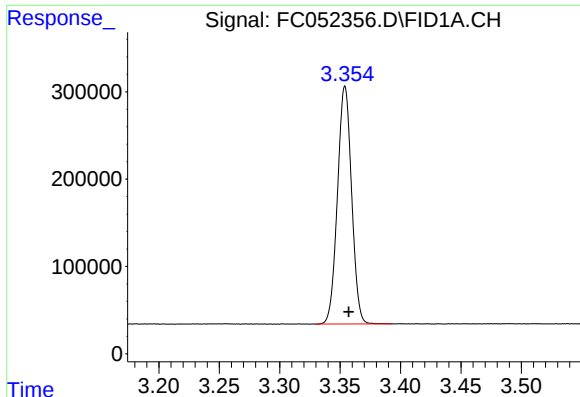
Manual Integrations
APPROVED

Ankita
3/11/2021 3:44:25 PM

Integration File: autoint1.e
Quant Time: Mar 11 03:06:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030321.M
Quant Title : GC Extractables
QLast Update : Thu Mar 04 03:56:17 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





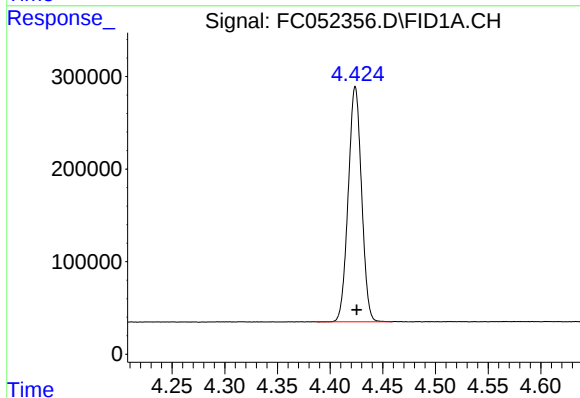
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.003 min
Response: 2218343
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC CH STD

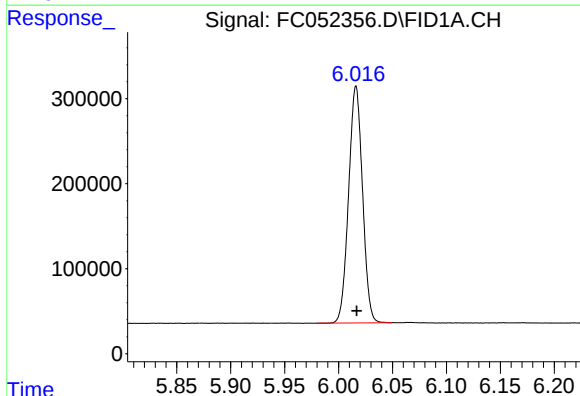
Manual Integrations
APPROVED

Ankita
3/11/2021 3:44:25 PM



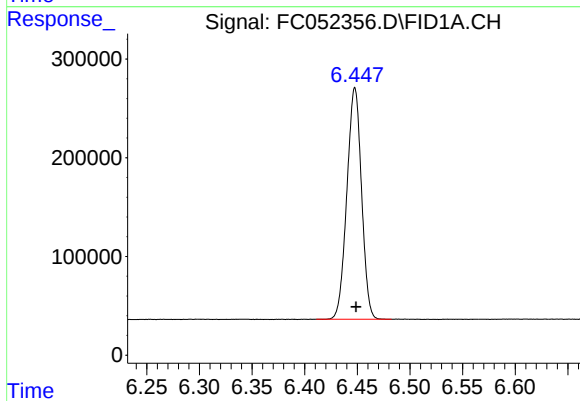
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.001 min
Response: 2234243
Conc: 18.81 ug/ml



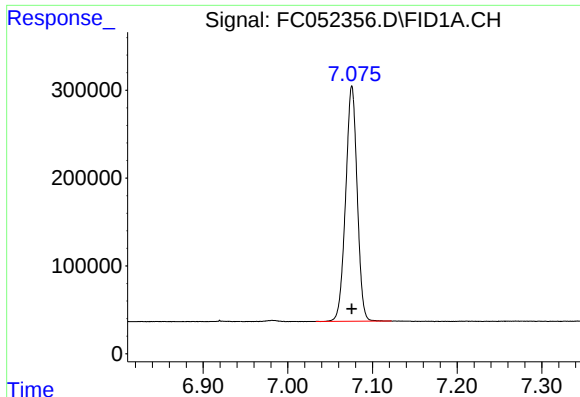
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 2500137
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 2271892
Conc: 18.79 ug/ml



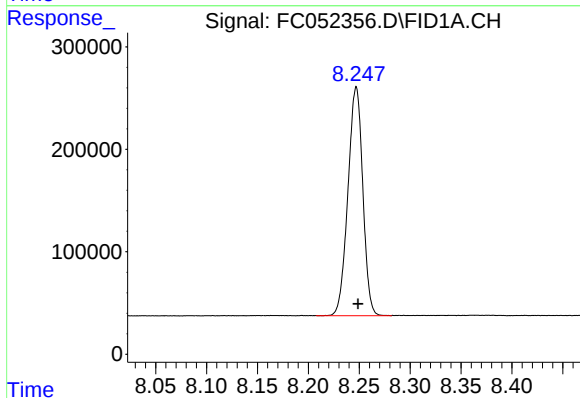
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 2536566
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC CH STD

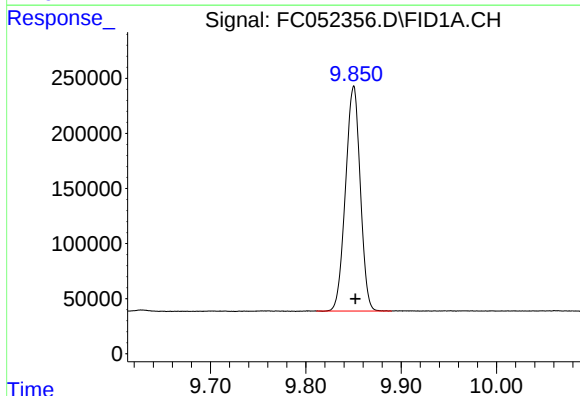
Manual Integrations
APPROVED

Ankita
3/11/2021 3:44:25 PM



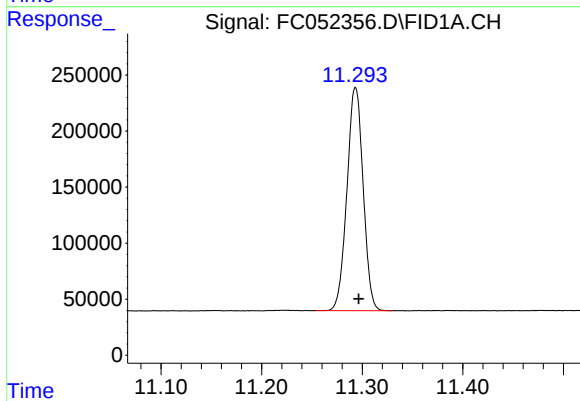
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 2265925
Conc: 18.69 ug/ml



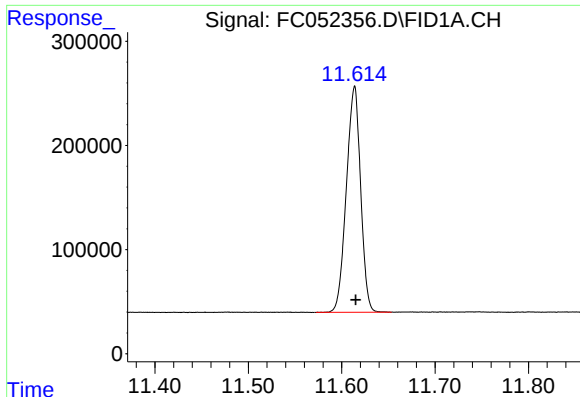
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.002 min
Response: 2203131
Conc: 18.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: -0.003 min
Response: 2231825
Conc: 18.03 ug/ml



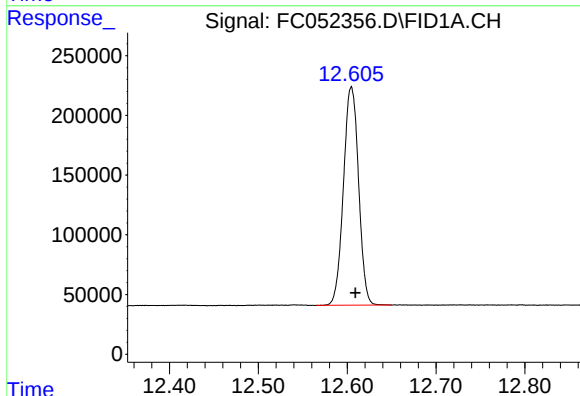
#9 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.001 min
Response: 2303875
Conc: 17.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC CH STD

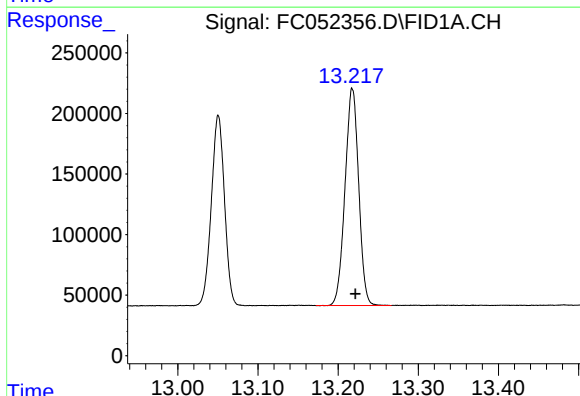
Manual Integrations
APPROVED

Ankita
3/11/2021 3:44:25 PM



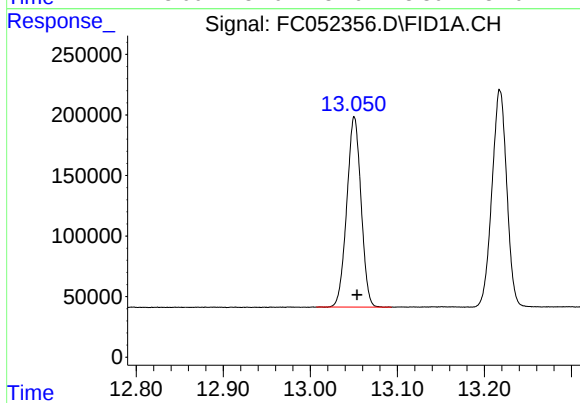
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.004 min
Response: 2166391
Conc: 17.58 ug/ml



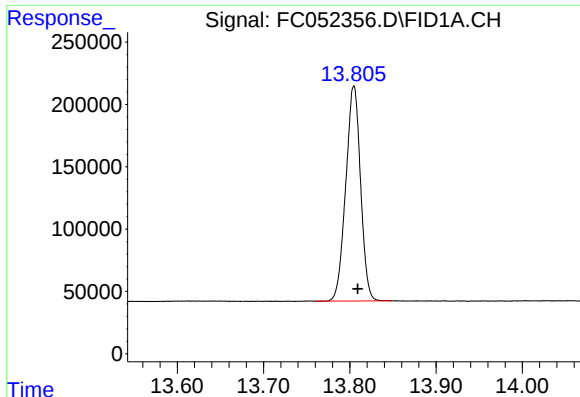
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.004 min
Response: 2119678
Conc: 17.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.051 min
Delta R.T.: -0.003 min
Response: 1789844
Conc: 17.21 ug/ml



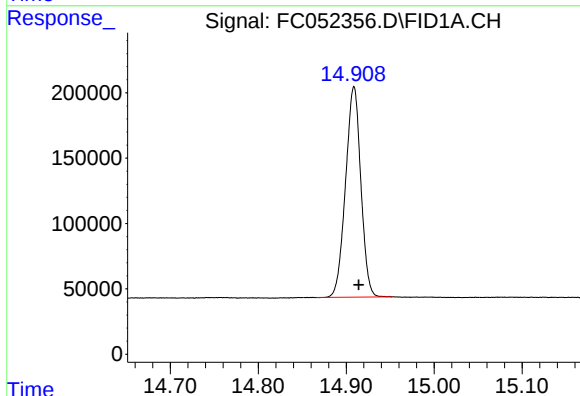
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: -0.005 min
Response: 2059094
Conc: 17.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC CH STD

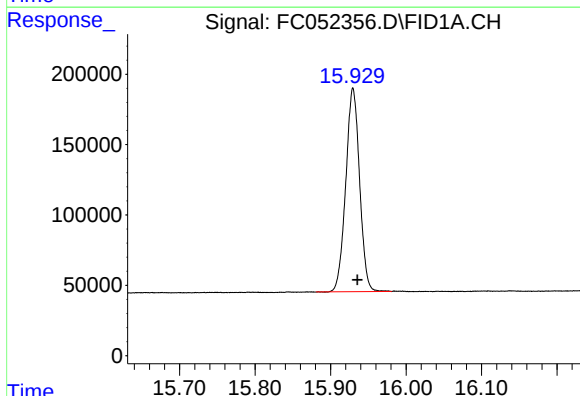
Manual Integrations
APPROVED

Ankita
3/11/2021 3:44:25 PM



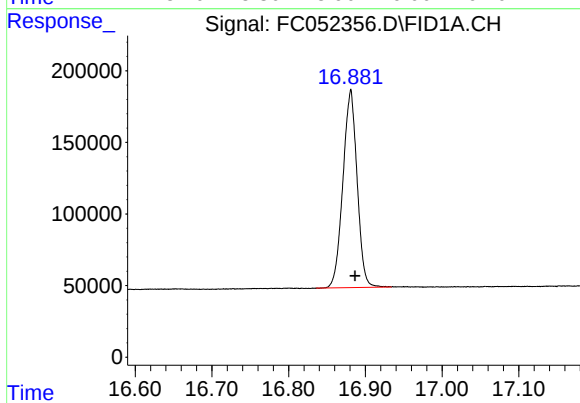
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.005 min
Response: 1948988
Conc: 16.72 ug/ml



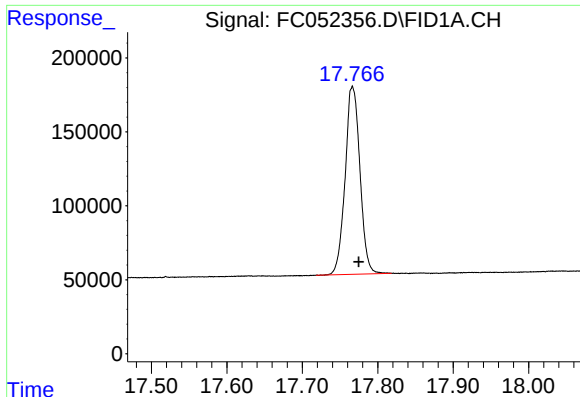
#15 n-Hexacosane (C26)

R.T.: 15.930 min
Delta R.T.: -0.006 min
Response: 1843836
Conc: 16.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.005 min
Response: 1773519
Conc: 17.30 ug/ml



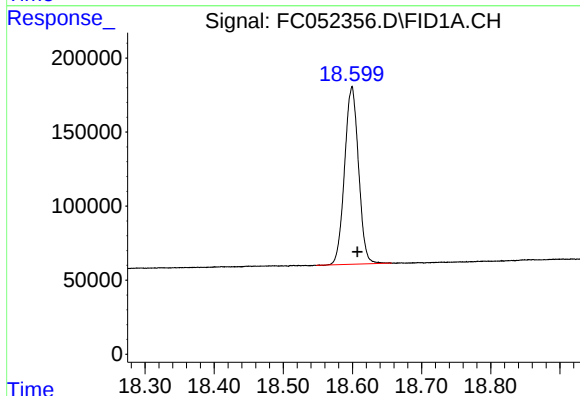
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: -0.008 min
Response: 1731580
Conc: 18.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC CH STD

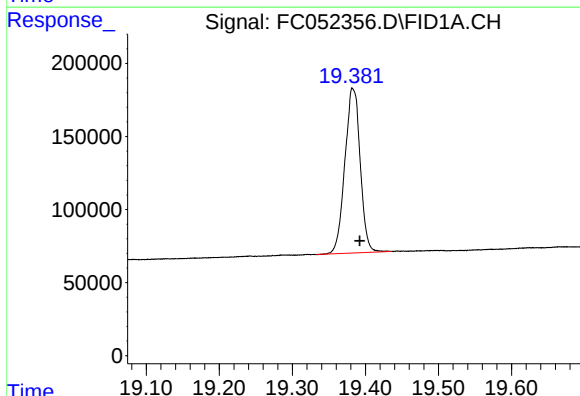
Manual Integrations
APPROVED

Ankita
3/11/2021 3:44:25 PM



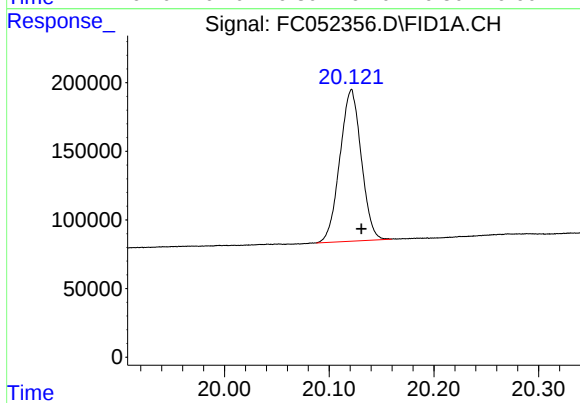
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.008 min
Response: 1677776
Conc: 19.65 ug/ml



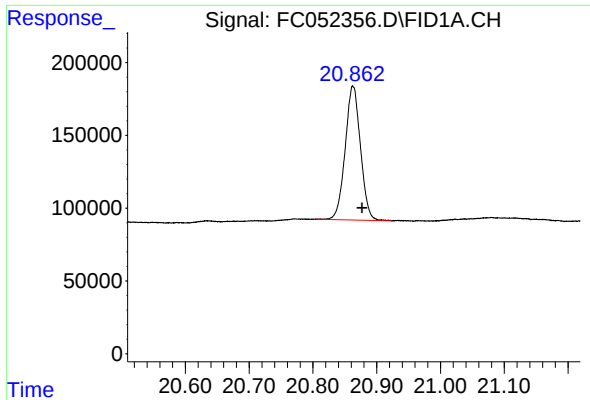
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: -0.010 min
Response: 1641724
Conc: 21.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.121 min
Delta R.T.: -0.009 min
Response: 1569208
Conc: 21.84 ug/ml m



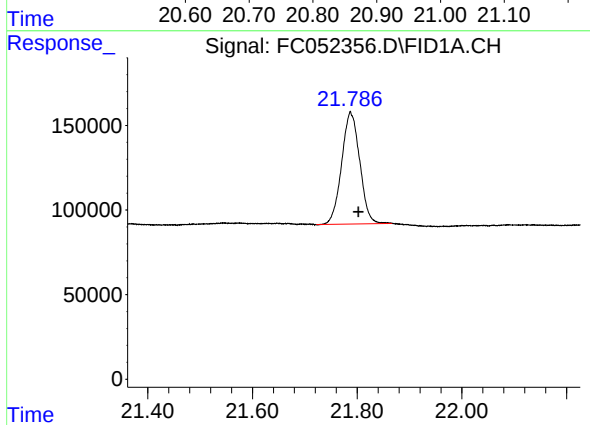
#21 n-Octatriacontane (C38)

R.T.: 20.863 min
Delta R.T.: -0.014 min
Response: 1532353
Conc: 22.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC CH STD

Manual Integrations
APPROVED

Ankita
3/11/2021 3:44:25 PM



#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.015 min
Response: 1589155
Conc: 22.10 ug/ml