

Data Path : P:\HPCHEM1\FID_C\Data\FC051518AL\
 Data File : FC034002.D
 Signal(s) : FID1A.CH
 Acq On : 15 May 2018 19:05
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

ugo
 5/16/2018 9:22:54 PM

Integration File: autoint1.e
 Quant Time: May 16 12:01:34 2018
 Quant Method : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EP
 Quant Title : GC Extractables
 QLast Update : Wed May 16 11:38:30 2018
 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)	11.482	2641077	17.007 ug/ml
Spiked Amount 50.000		Recovery =	34.01%
12) S 1-chlorooctadecane (S...	12.923	2059377	17.535 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
Target Compounds			
1) T n-Nonane (C9)	3.261	2334152	17.099 ug/ml
2) T n-Decane (C10)	4.330	2469118	17.769 ug/ml
3) T A-Naphthalene (C11.7)	5.908	2776100	17.893 ug/ml
4) T n-Dodecane (C12)	6.346	2538123	17.668 ug/ml
5) T A-2-methylnaphthalene...	6.961	2794068	17.824 ug/ml
6) T n-Tetradecane (C14)	8.137	2576029	17.227 ug/ml
7) T n-Hexadecane (C16)	9.734	2548305	16.909 ug/ml
8) T n-Octadecane (C18)	11.173	2482399	16.797 ug/ml
10) T n-Eicosane (C20)	12.481	2479210	16.875 ug/ml
11) T n-Heneicosane (C21)	13.092	2456264	17.036 ug/ml
13) T n-Docosane (C22)	13.678	2471794	17.342 ug/ml
14) T n-Tetracosane (C24)	14.780	2477827	18.057 ug/ml
15) T n-Hexacosane (C26)	15.800	2473231	18.910 ug/ml
16) T n-Octacosane (C28)	16.748	2537551	19.877 ug/ml
17) T n-Tricontane (C30)	17.637	2513846	20.865 ug/ml
18) T n-Dotriacontane (C32)	18.468	2510758	21.570 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2342242	21.673 ug/mlm
20) T n-Hexatriacontane (C36)	19.990	2224459	22.221 ug/ml
21) T n-Octatriacontane (C38)	20.714	2114285	22.087 ug/ml
22) T n-Tetracontane (C40)	21.598	1931184	21.518 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : P:\HPCHEM1\FID_C\Data\FC051518AL\
Data File : FC034002.D
Signal(s) : FID1A.CH
Acq On : 15 May 2018 19:05
Operator : UA/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

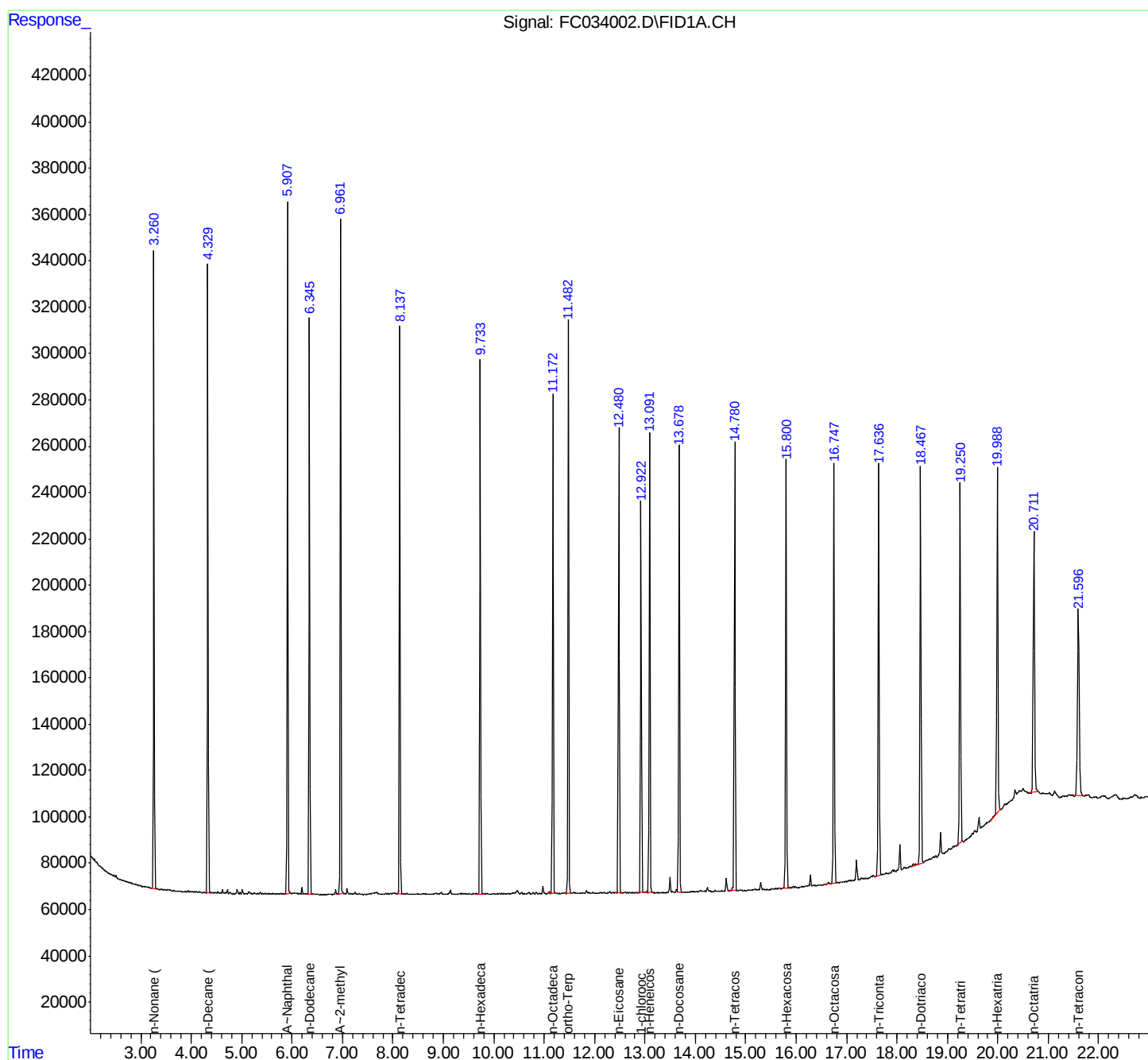
Instrument :
FID_C
ClientSampled :

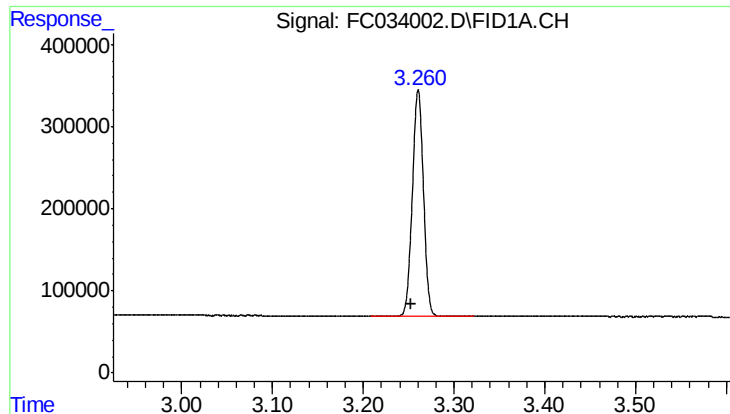
Manual Integrations
APPROVED

ugo
5/16/2018 9:22:54 PM

Integration File: autoint1.e
Quant Time: May 16 12:01:34 2018
Quant Method : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic E
Quant Title : GC Extractables
QLast Update : Wed May 16 11:38:30 2018
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





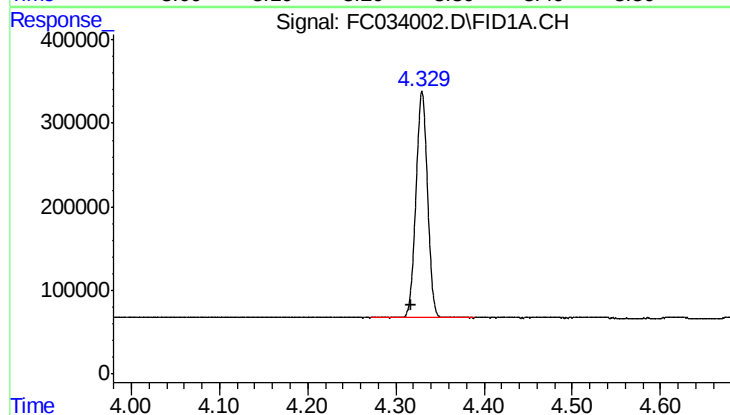
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: 0.007 min
Response: 2334152
Conc: 17.10 ug/ml

Instrument :
FID_C
ClientSampleId :

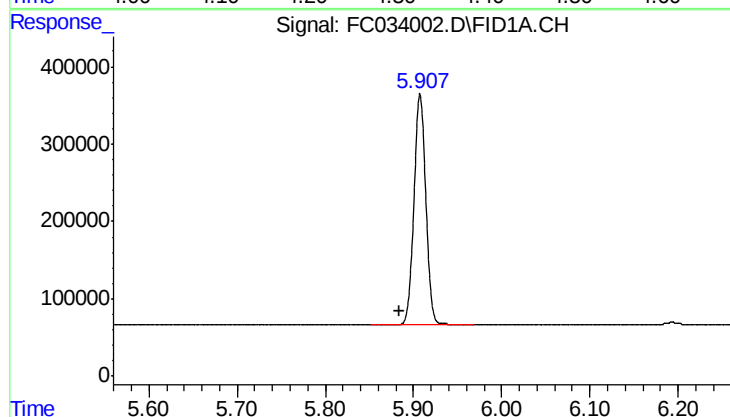
Manual Integrations
APPROVED

ugo
5/16/2018 9:22:54 PM



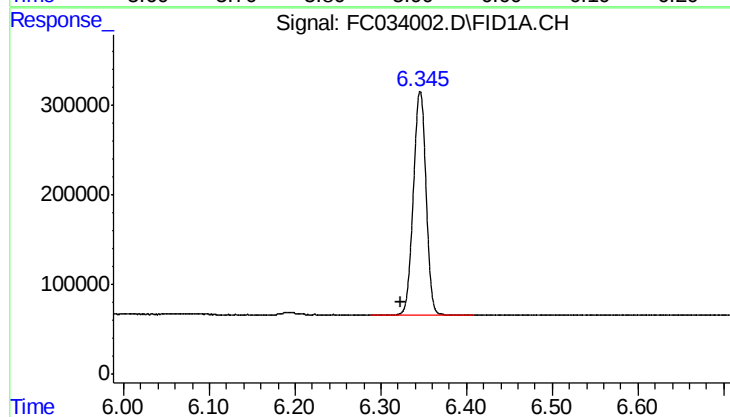
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: 0.013 min
Response: 2469118
Conc: 17.77 ug/ml



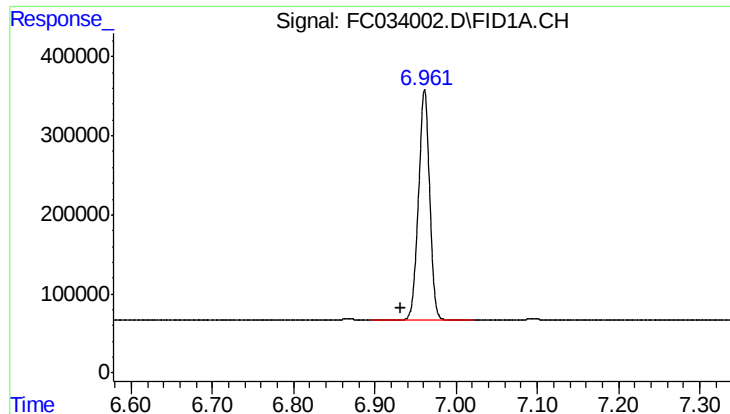
#3 A-Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: 0.024 min
Response: 2776100
Conc: 17.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: 0.023 min
Response: 2538123
Conc: 17.67 ug/ml



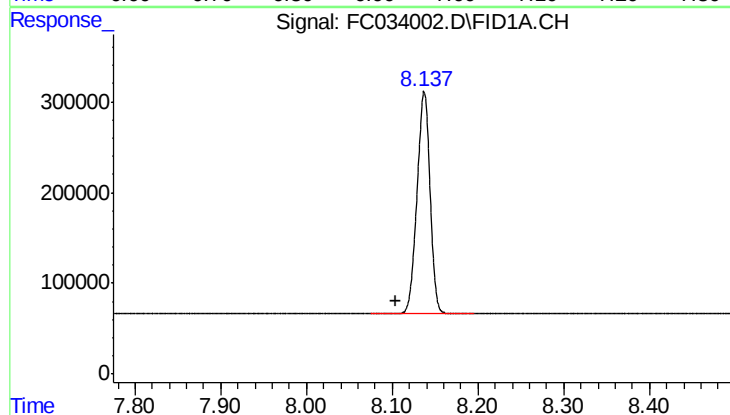
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.961 min
Delta R.T.: 0.029 min
Response: 2794068
Conc: 17.82 ug/ml

Instrument :
FID_C
ClientSampleId :

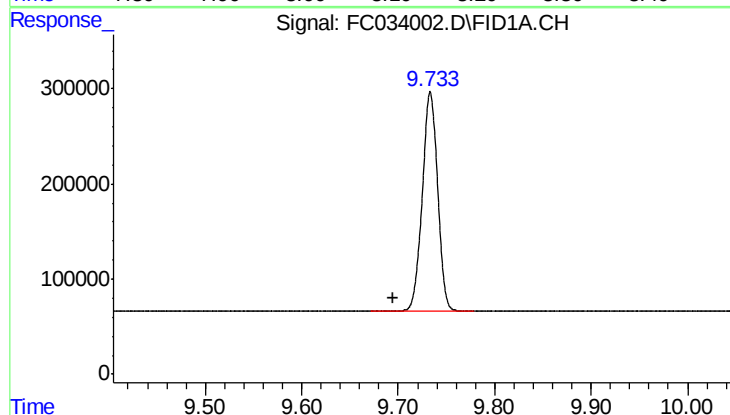
Manual Integrations
APPROVED

ugo
5/16/2018 9:22:54 PM



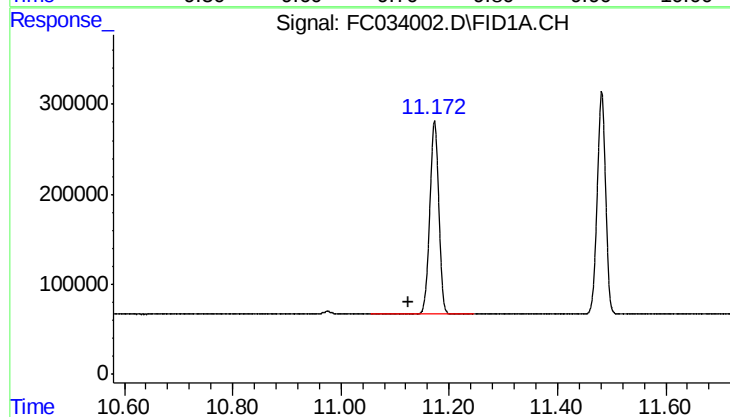
#6 n-Tetradecane (C14)

R.T.: 8.137 min
Delta R.T.: 0.033 min
Response: 2576029
Conc: 17.23 ug/ml



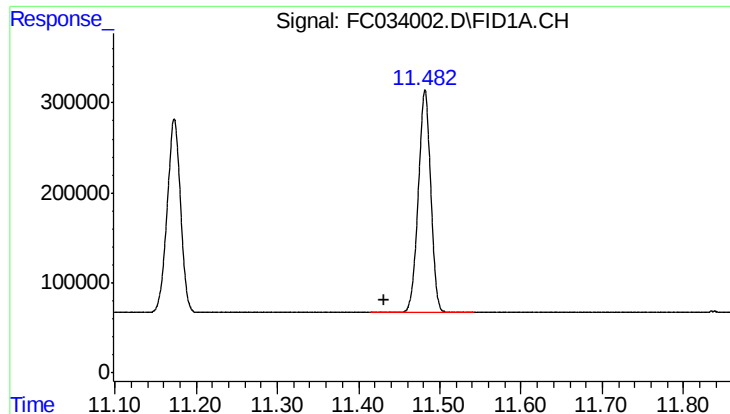
#7 n-Hexadecane (C16)

R.T.: 9.734 min
Delta R.T.: 0.039 min
Response: 2548305
Conc: 16.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.173 min
Delta R.T.: 0.048 min
Response: 2482399
Conc: 16.80 ug/ml



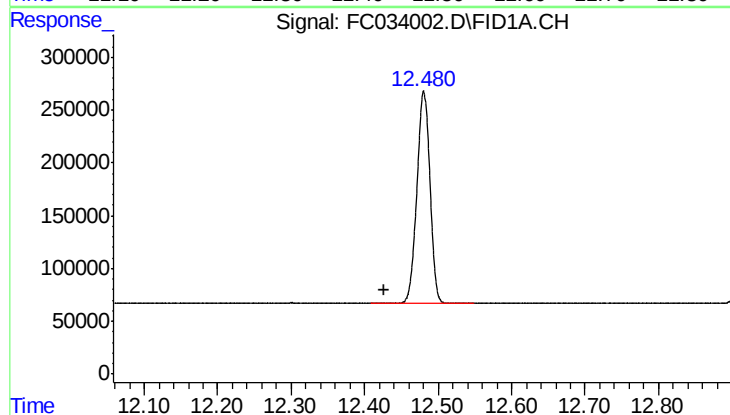
#9 ortho-Terphenyl (SURR)

R.T.: 11.482 min
Delta R.T.: 0.050 min
Response: 2641077
Conc: 17.01 ug/ml

Instrument :
FID_C
ClientSampleId :

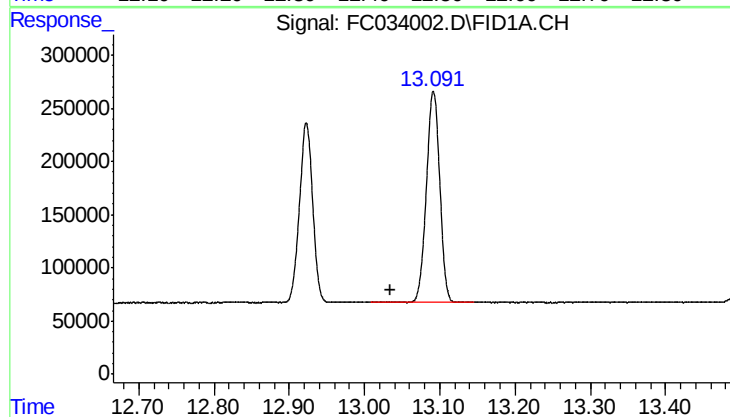
Manual Integrations
APPROVED

ugo
5/16/2018 9:22:54 PM



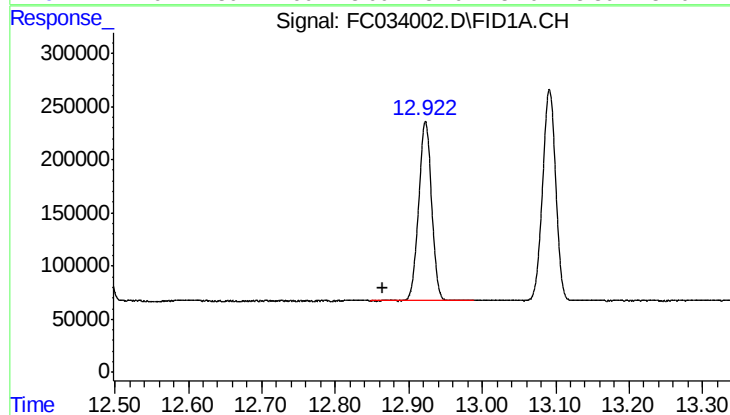
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: 0.055 min
Response: 2479210
Conc: 16.88 ug/ml



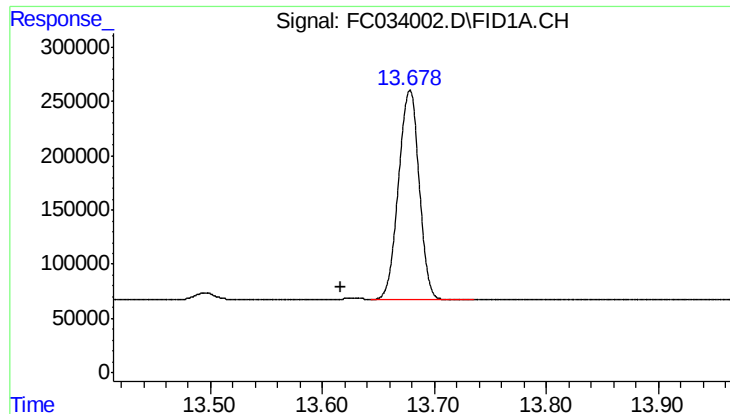
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.058 min
Response: 2456264
Conc: 17.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: 0.058 min
Response: 2059377
Conc: 17.54 ug/ml



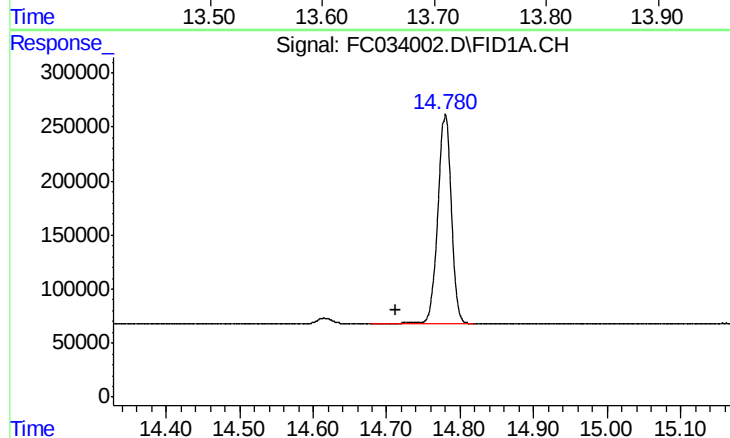
#13 n-Docosane (C22)

R.T.: 13.678 min
Delta R.T.: 0.062 min
Response: 2471794
Conc: 17.34 ug/ml

Instrument :
FID_C
ClientSampleId :

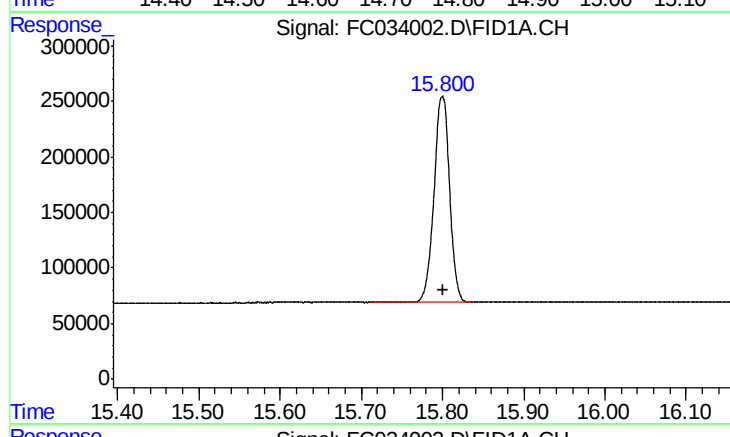
Manual Integrations
APPROVED

ugo
5/16/2018 9:22:54 PM



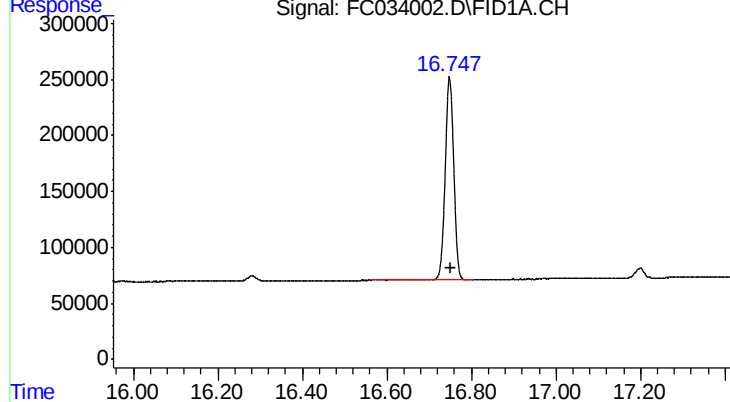
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: 0.067 min
Response: 2477827
Conc: 18.06 ug/ml



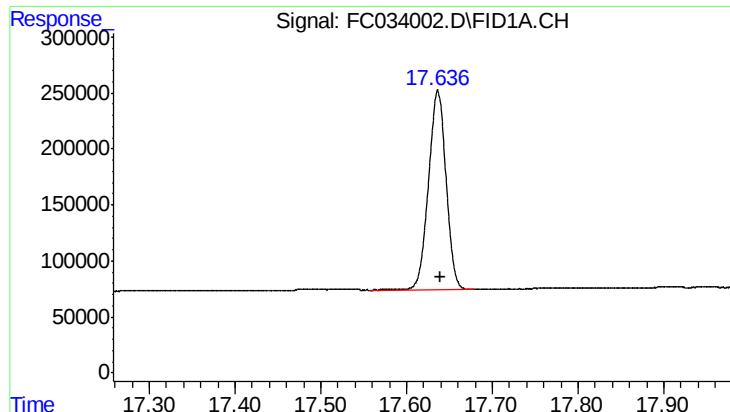
#15 n-Hexacosane (C26)

R.T.: 15.800 min
Delta R.T.: 0.000 min
Response: 2473231
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.748 min
Delta R.T.: -0.002 min
Response: 2537551
Conc: 19.88 ug/ml



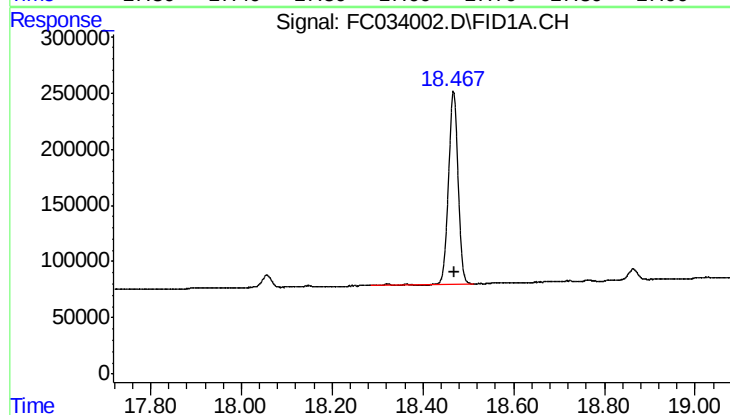
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.003 min
Response: 2513846
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :

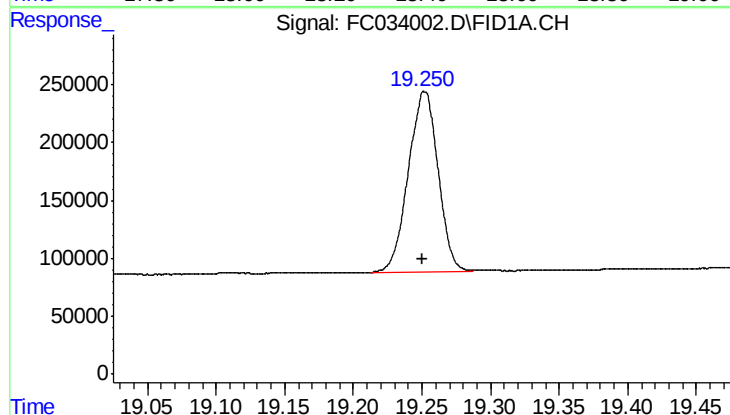
Manual Integrations
APPROVED

ugo
5/16/2018 9:22:54 PM



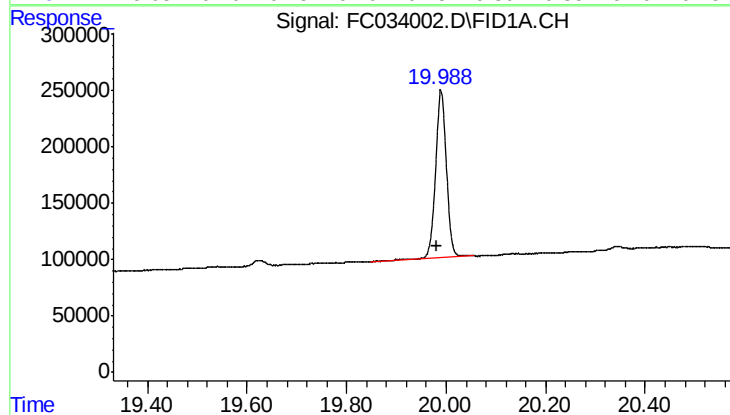
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: -0.002 min
Response: 2510758
Conc: 21.57 ug/ml



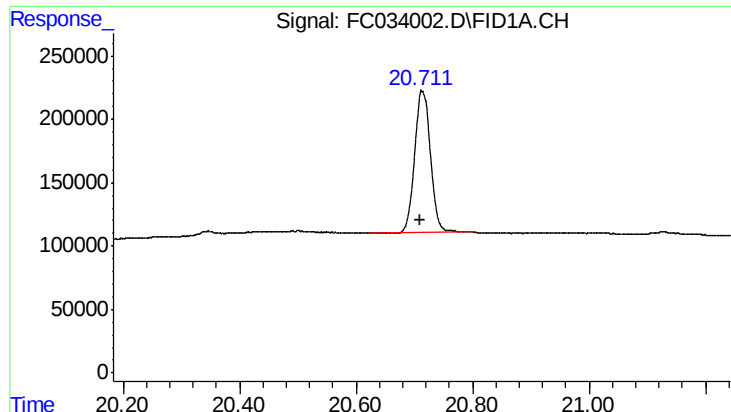
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: 0.000 min
Response: 2342242
Conc: 21.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.010 min
Response: 2224459
Conc: 22.22 ug/ml



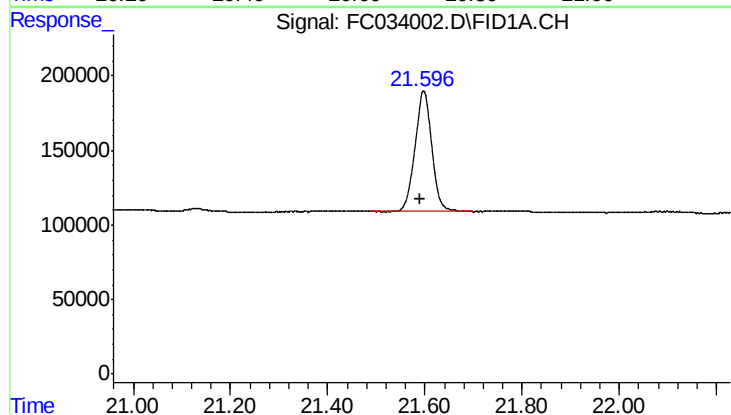
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.004 min
Response: 2114285
Conc: 22.09 ug/ml

Instrument :
FID_C
ClientSampleId :

Manual Integrations
APPROVED

ugo
5/16/2018 9:22:54 PM



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.008 min
Response: 1931184
Conc: 21.52 ug/ml