

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121118AL\
 Data File : FC038114.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2018 10:22
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 12/17/2018 2:20:28 PM

Integration File: autoint1.e
 Quant Time: Dec 11 11:04:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 10 17:11:09 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)	11.282	2516843	19.306 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	12.725	1891556	18.761 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T n-Nonane (C9)	3.120	2087134	20.069 ug/ml
2) T n-Decane (C10)	4.177	2119490	20.237 ug/ml
3) T A~Naphthalene (C11.7)	5.737	2369507	20.171 ug/ml
4) T n-Dodecane (C12)	6.181	2158976	19.998 ug/ml
5) T A~2-methylnaphthalene...	6.785	2380638	20.261 ug/ml
6) T n-Tetradecane (C14)	7.963	2206328	19.754 ug/ml
7) T n-Hexadecane (C16)	9.552	2236515	19.387 ug/ml
8) T n-Octadecane (C18)	10.984	2275800	18.827 ug/ml
10) T n-Eicosane (C20)	12.286	2246198	18.701 ug/ml
11) T n-Heneicosane (C21)	12.895	2222600	19.154 ug/ml
13) T n-Docosane (C22)	13.478	2220232	19.211 ug/ml
14) T n-Tetracosane (C24)	14.575	2220134	19.337 ug/ml
15) T n-Hexacosane (C26)	15.592	2179410	19.374 ug/ml
16) T n-Octacosane (C28)	16.536	2223322	19.780 ug/ml
17) T n-Tricontane (C30)	17.420	2192481	19.977 ug/ml
18) T n-Dotriacontane (C32)	18.246	2058925	20.102 ug/ml
19) T n-Tetratriacontane (C34)	19.027	1786068	20.267 ug/ml
20) T n-Hexatriacontane (C36)	19.761	1620572	20.686 ug/mlm
21) T n-Octatriacontane (C38)	20.463	1559229	20.150 ug/ml
22) T n-Tetracontane (C40)	21.265	1618212	18.518 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121118AL\
Data File : FC038114.D
Signal(s) : FID1A.CH
Acq On : 11 Dec 2018 10:22
Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

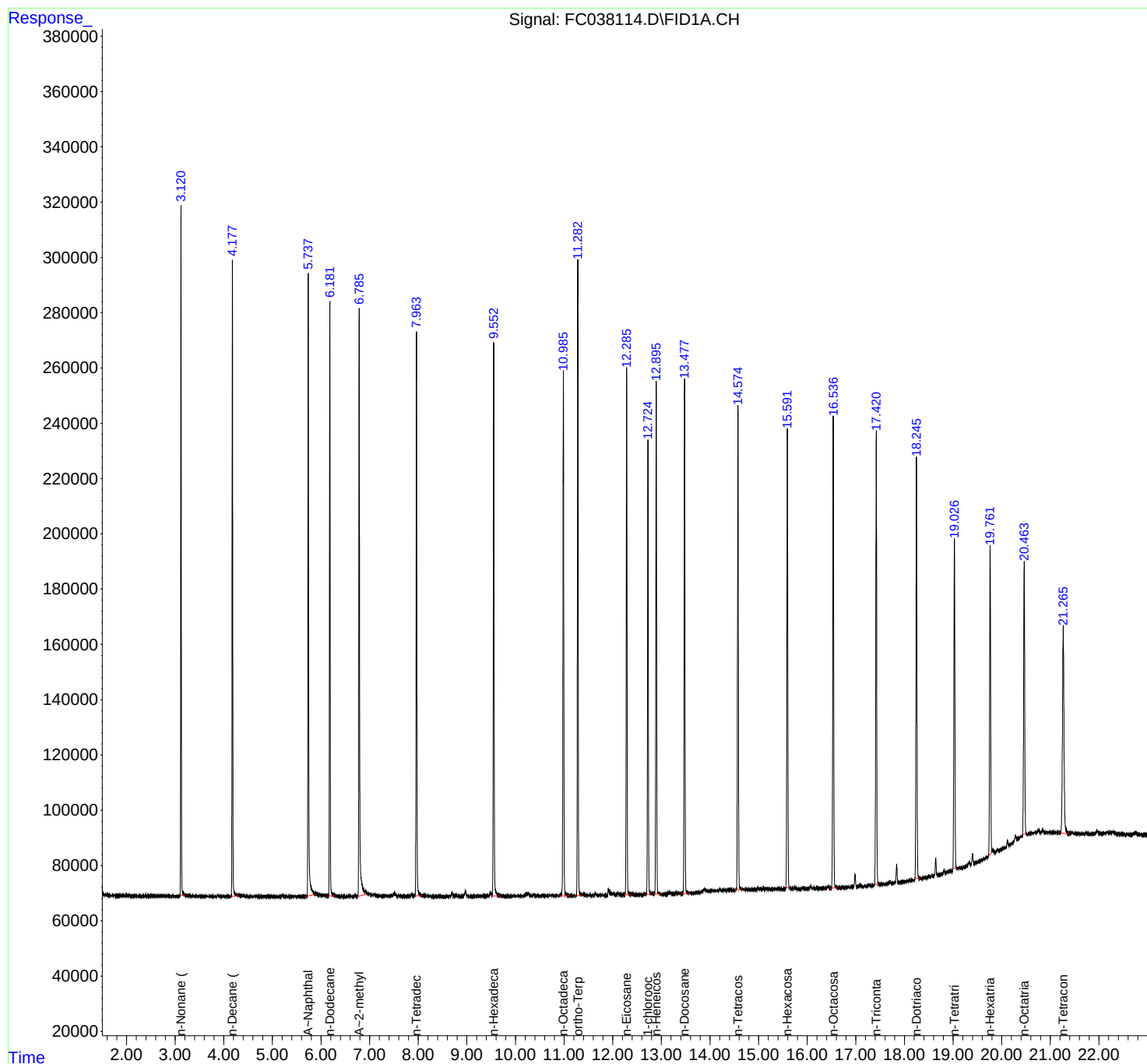
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

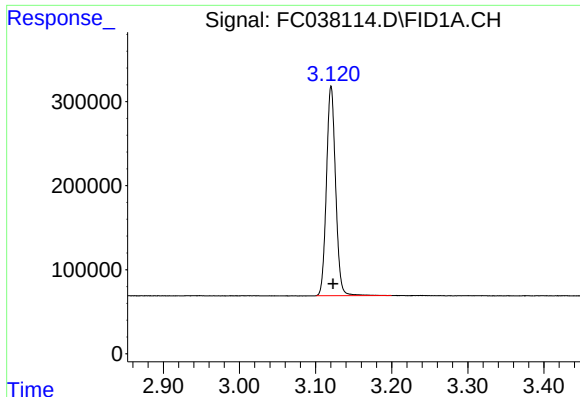
Manual Integrations
APPROVED

Sohil
12/17/2018 2:20:28 PM

Integration File: autoint1.e
Quant Time: Dec 11 11:04:21 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121018.M
Quant Title : GC Extractables
QLast Update : Mon Dec 10 17:11:09 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





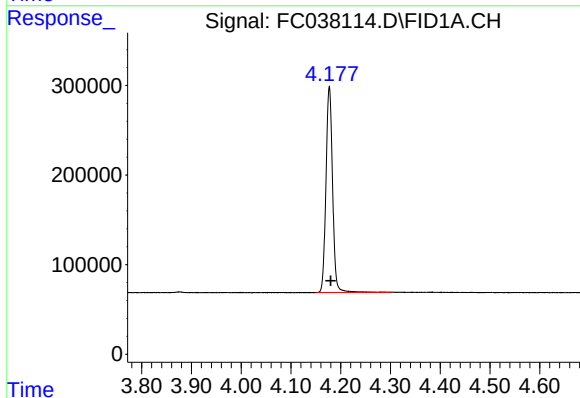
#1 n-Nonane (C9)

R.T.: 3.120 min
Delta R.T.: -0.003 min
Response: 2087134
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

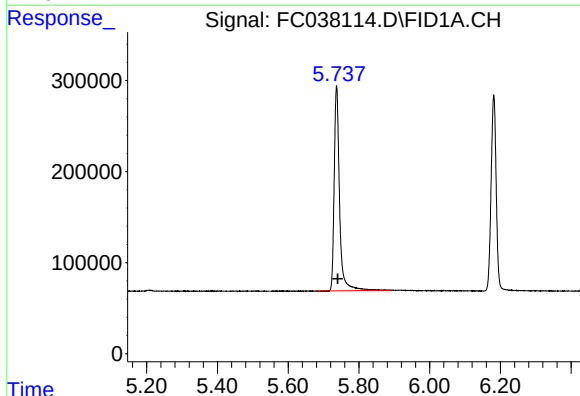
Manual Integrations
APPROVED

Sohil
12/17/2018 2:20:28 PM



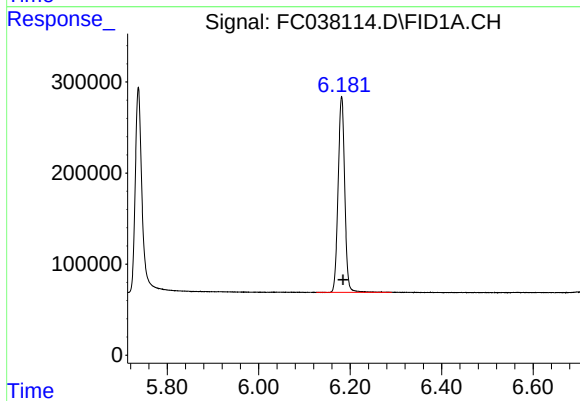
#2 n-Decane (C10)

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 2119490
Conc: 20.24 ug/ml



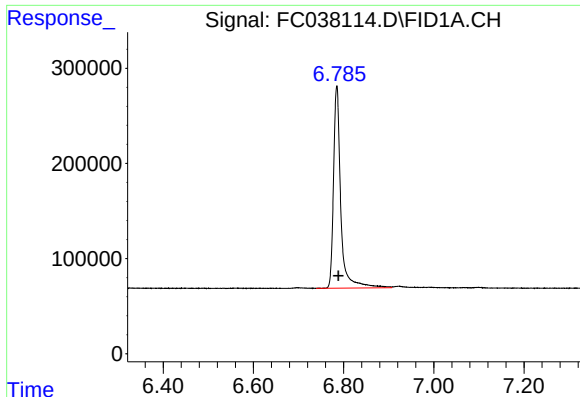
#3 A~Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: -0.003 min
Response: 2369507
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 2158976
Conc: 20.00 ug/ml



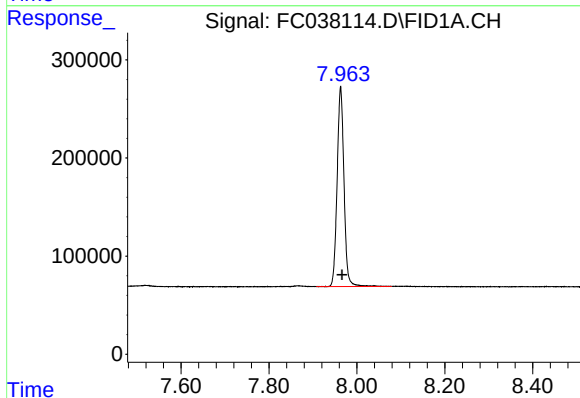
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.785 min
Delta R.T.: -0.004 min
Response: 2380638
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

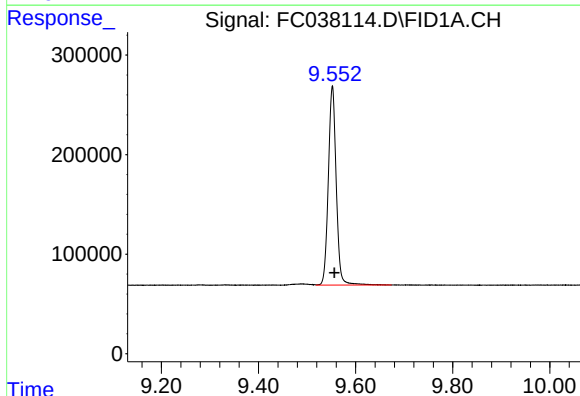
Manual Integrations
APPROVED

Sohil
12/17/2018 2:20:28 PM



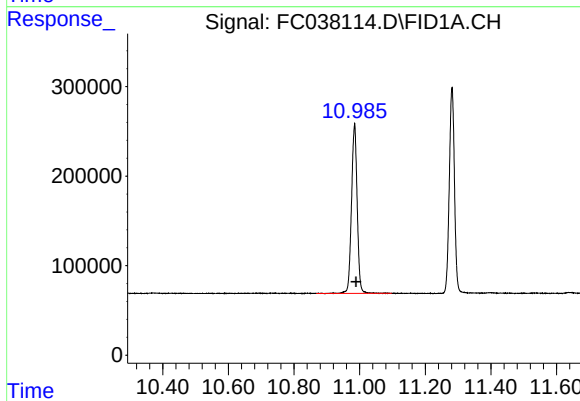
#6 n-Tetradecane (C14)

R.T.: 7.963 min
Delta R.T.: -0.003 min
Response: 2206328
Conc: 19.75 ug/ml



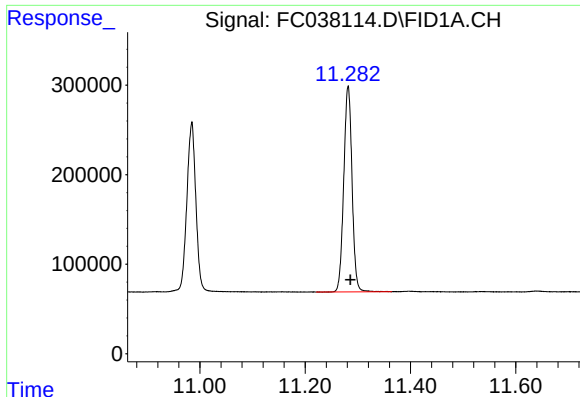
#7 n-Hexadecane (C16)

R.T.: 9.552 min
Delta R.T.: -0.005 min
Response: 2236515
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.984 min
Delta R.T.: -0.004 min
Response: 2275800
Conc: 18.83 ug/ml



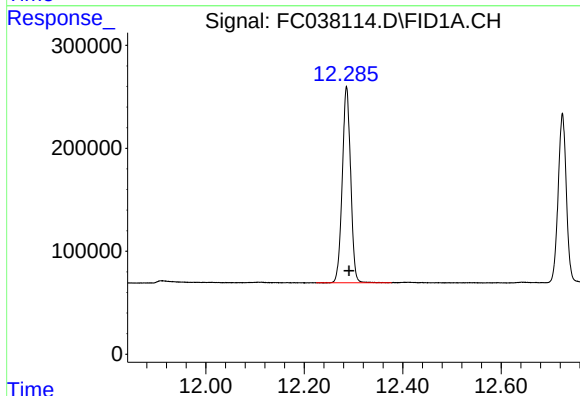
#9 ortho-Terphenyl (SURR)

R.T.: 11.282 min
Delta R.T.: -0.004 min
Response: 2516843
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

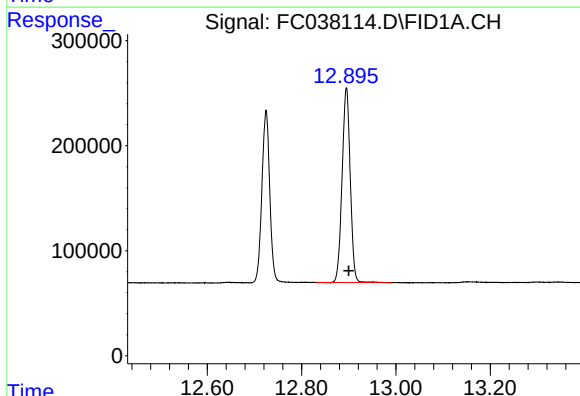
Manual Integrations
APPROVED

Sohil
12/17/2018 2:20:28 PM



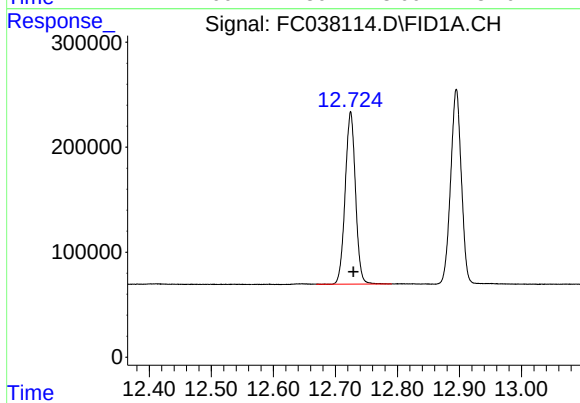
#10 n-Eicosane (C20)

R.T.: 12.286 min
Delta R.T.: -0.005 min
Response: 2246198
Conc: 18.70 ug/ml



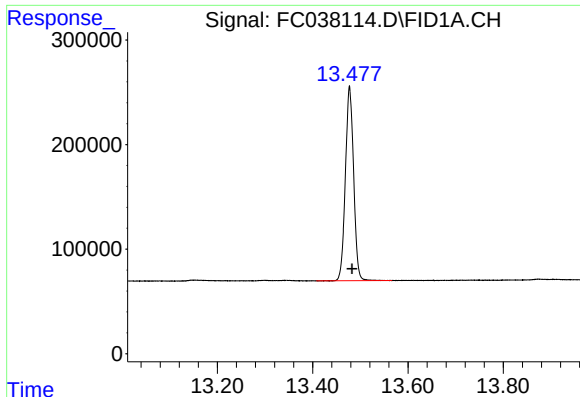
#11 n-Heneicosane (C21)

R.T.: 12.895 min
Delta R.T.: -0.005 min
Response: 2222600
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.725 min
Delta R.T.: -0.004 min
Response: 1891556
Conc: 18.76 ug/ml



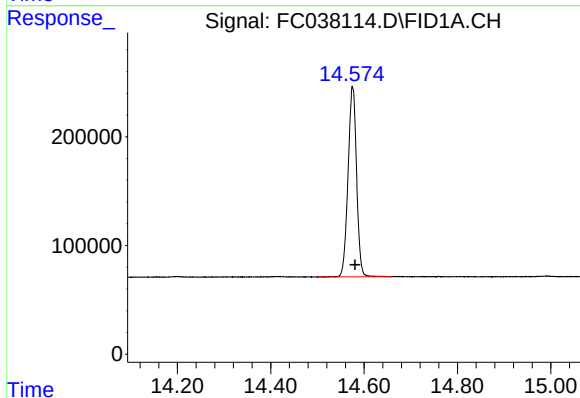
#13 n-Docosane (C22)

R.T.: 13.478 min
Delta R.T.: -0.005 min
Response: 2220232
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

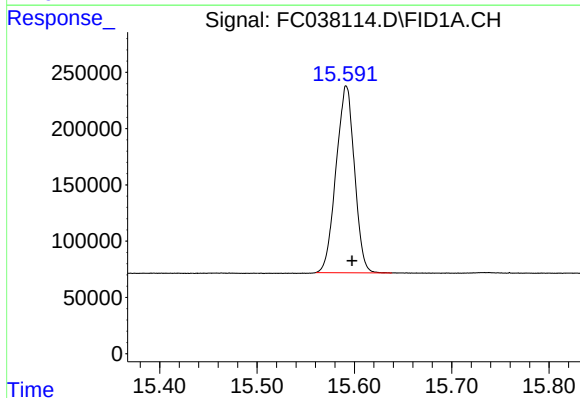
Manual Integrations
APPROVED

Sohil
12/17/2018 2:20:28 PM



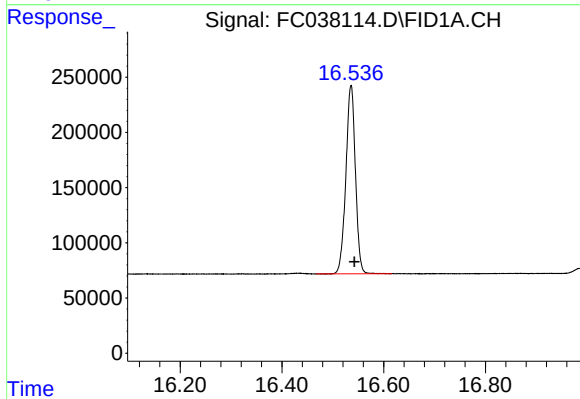
#14 n-Tetracosane (C24)

R.T.: 14.575 min
Delta R.T.: -0.005 min
Response: 2220134
Conc: 19.34 ug/ml



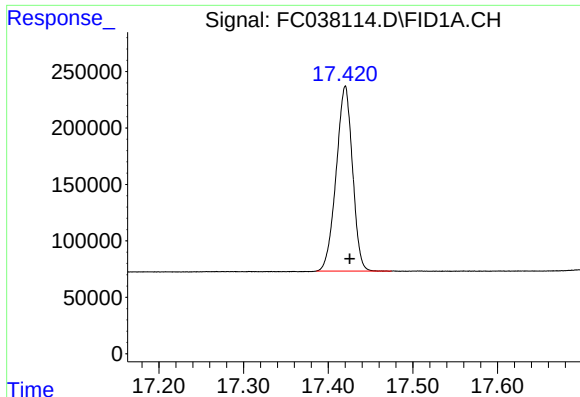
#15 n-Hexacosane (C26)

R.T.: 15.592 min
Delta R.T.: -0.006 min
Response: 2179410
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.536 min
Delta R.T.: -0.007 min
Response: 2223322
Conc: 19.78 ug/ml



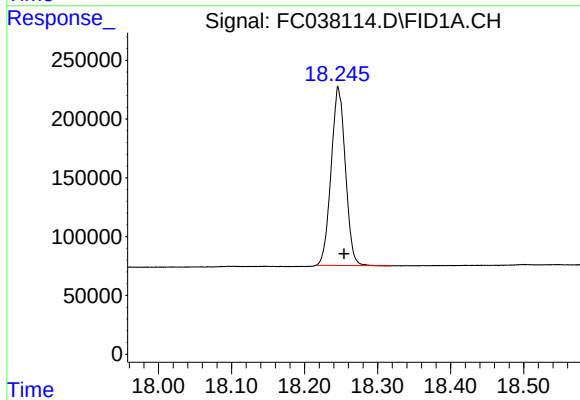
#17 n-Tricontane (C30)

R.T.: 17.420 min
Delta R.T.: -0.006 min
Response: 2192481
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

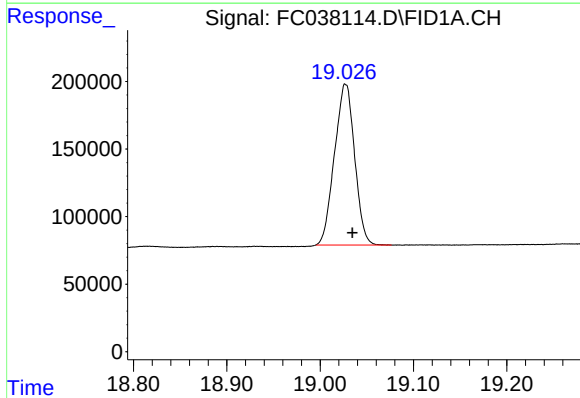
Manual Integrations
APPROVED

Sohil
12/17/2018 2:20:28 PM



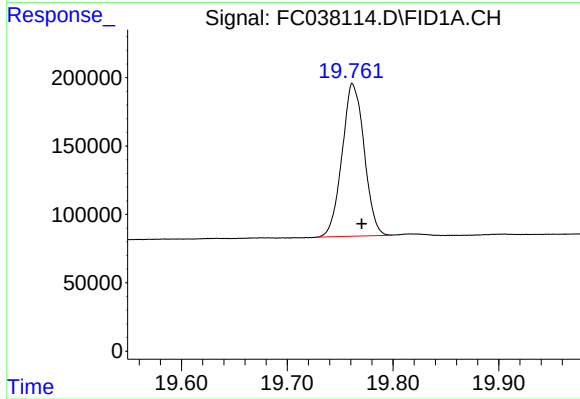
#18 n-Dotriacontane (C32)

R.T.: 18.246 min
Delta R.T.: -0.008 min
Response: 2058925
Conc: 20.10 ug/ml



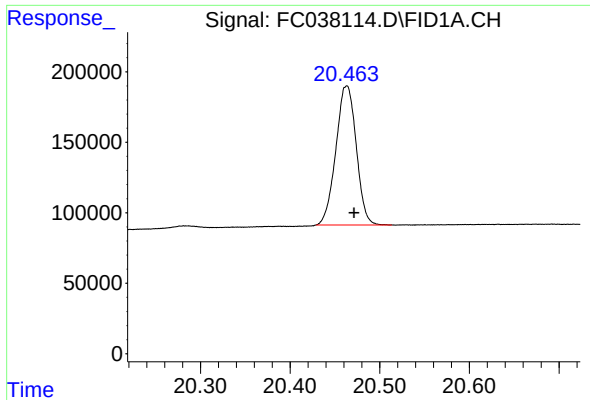
#19 n-Tetratriacontane (C34)

R.T.: 19.027 min
Delta R.T.: -0.007 min
Response: 1786068
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.761 min
Delta R.T.: -0.010 min
Response: 1620572
Conc: 20.69 ug/ml m



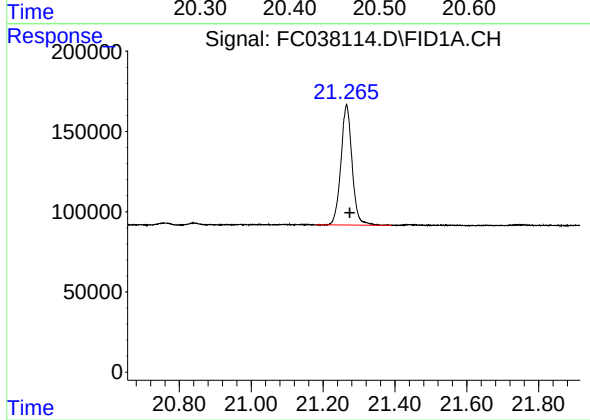
#21 n-Octatriacontane (C38)

R.T.: 20.463 min
Delta R.T.: -0.008 min
Response: 1559229
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Sohil
12/17/2018 2:20:28 PM



#22 n-Tetracontane (C40)

R.T.: 21.265 min
Delta R.T.: -0.009 min
Response: 1618212
Conc: 18.52 ug/ml