

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010419AL\
 Data File : FC038463.D
 Signal(s) : FID1A.CH
 Acq On : 04 Jan 2019 12:00
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 1/7/2019 10:32:07 AM

Integration File: autoint1.e
 Quant Time: Jan 05 00:06:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 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)	11.268	2572103	19.730 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
12) S 1-chlorooctadecane (S...	12.711	1984976	19.688 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	3.107	2117638	20.362 ug/ml
2) T n-Decane (C10)	4.163	2164509	20.667 ug/ml
3) T A~Naphthalene (C11.7)	5.724	2438798	20.761 ug/ml
4) T n-Dodecane (C12)	6.168	2244276	20.788 ug/ml
5) T A~2-methylnaphthalene...	6.772	2409164	20.504 ug/ml
6) T n-Tetradecane (C14)	7.949	2295353	20.551 ug/ml
7) T n-Hexadecane (C16)	9.539	2322116	20.129 ug/ml
8) T n-Octadecane (C18)	10.971	2329852	19.274 ug/ml
10) T n-Eicosane (C20)	12.273	2343835	19.514 ug/ml
11) T n-Heneicosane (C21)	12.881	2335926	20.131 ug/ml
13) T n-Docosane (C22)	13.465	2325944	20.125 ug/ml
14) T n-Tetracosane (C24)	14.562	2338211	20.365 ug/ml
15) T n-Hexacosane (C26)	15.579	2332533	20.736 ug/ml
16) T n-Octacosane (C28)	16.525	2347107	20.882 ug/mlm
17) T n-Tricontane (C30)	17.408	2324243	21.178 ug/mlm
18) T n-Dotriacontane (C32)	18.237	2188385	21.366 ug/ml
19) T n-Tetratriacontane (C34)	19.018	1880584	21.340 ug/mlm
20) T n-Hexatriacontane (C36)	19.755	1670460	21.323 ug/mlm
21) T n-Octatriacontane (C38)	20.453	1601494	20.696 ug/mlm
22) T n-Tetracontane (C40)	21.255	1611350	18.440 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010419AL\
Data File : FC038463.D
Signal(s) : FID1A.CH
Acq On : 04 Jan 2019 12:00
Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

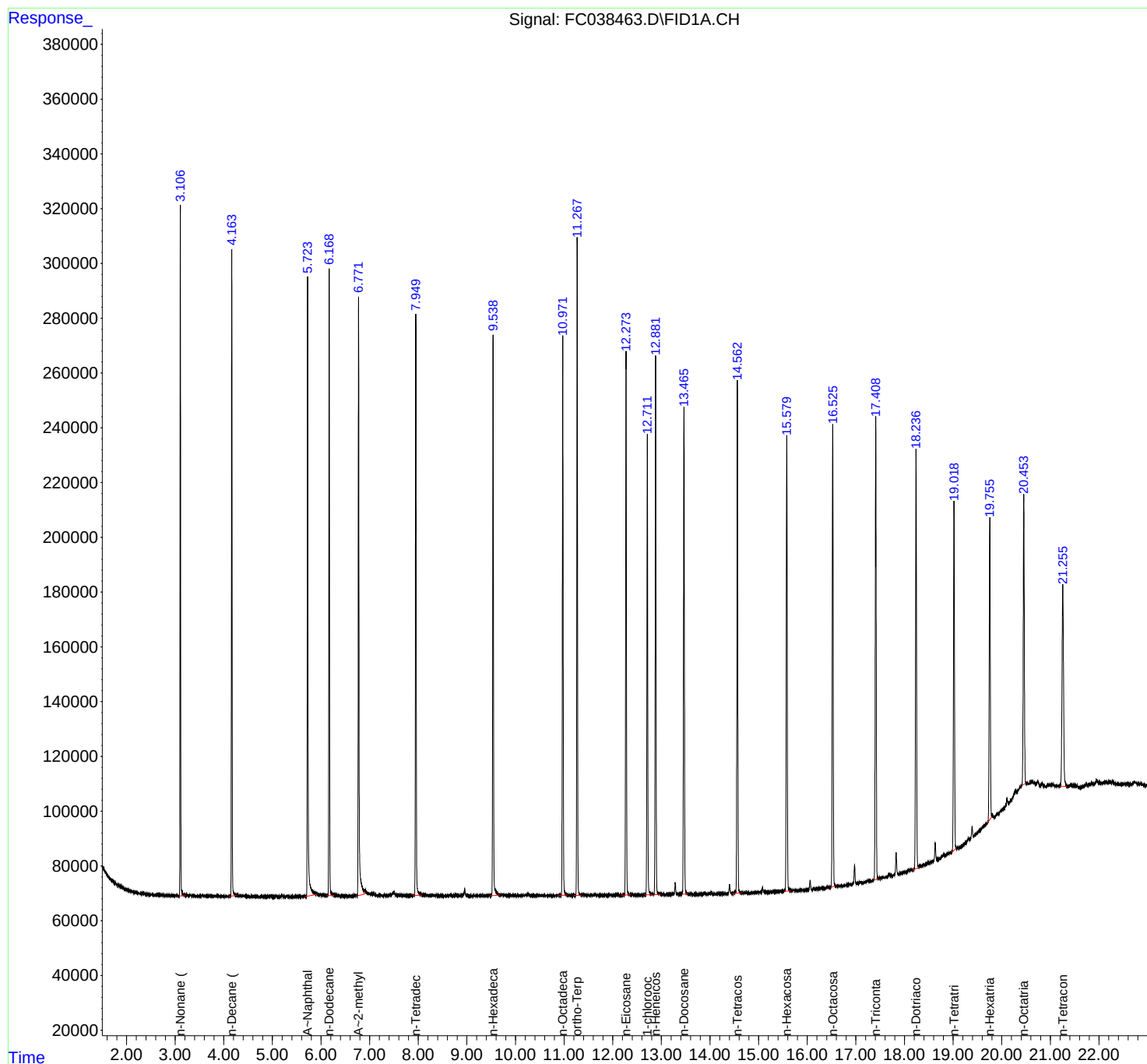
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

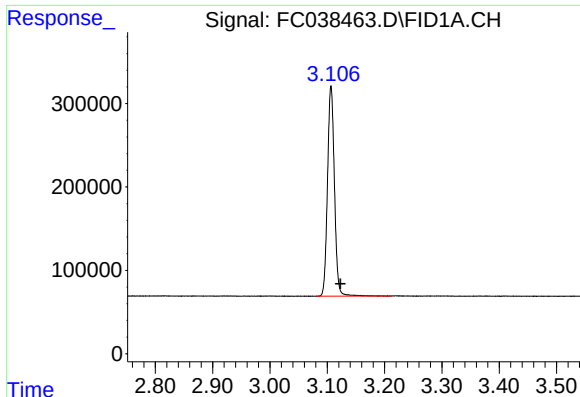
Manual Integrations
APPROVED

Sohil
1/7/2019 10:32:07 AM

Integration File: autoint1.e
Quant Time: Jan 05 00:06:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121018.M
Quant Title : GC Extractables
QLast Update : Sat Dec 15 05:55:02 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





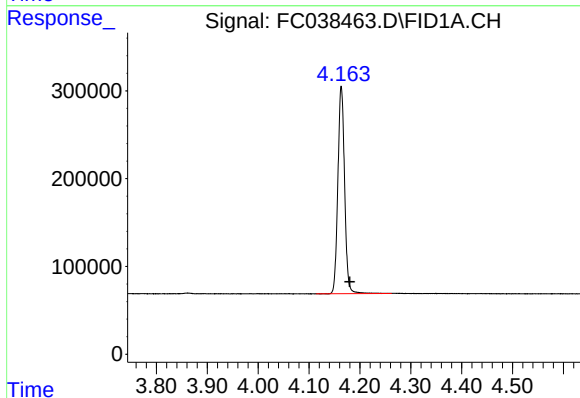
#1 n-Nonane (C9)

R.T.: 3.107 min
Delta R.T.: -0.016 min
Response: 2117638
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

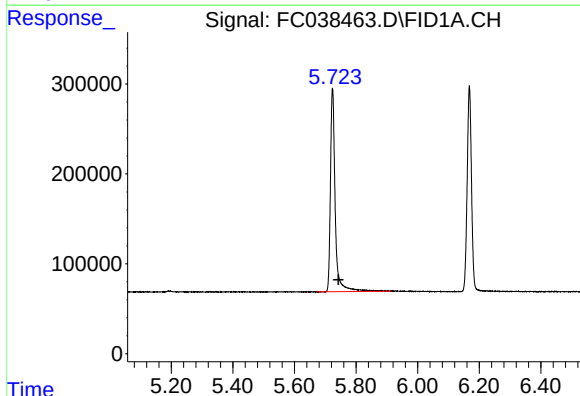
Manual Integrations
APPROVED

Sohil
1/7/2019 10:32:07 AM



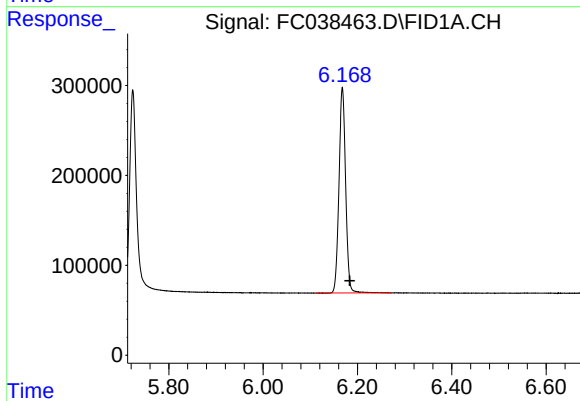
#2 n-Decane (C10)

R.T.: 4.163 min
Delta R.T.: -0.016 min
Response: 2164509
Conc: 20.67 ug/ml



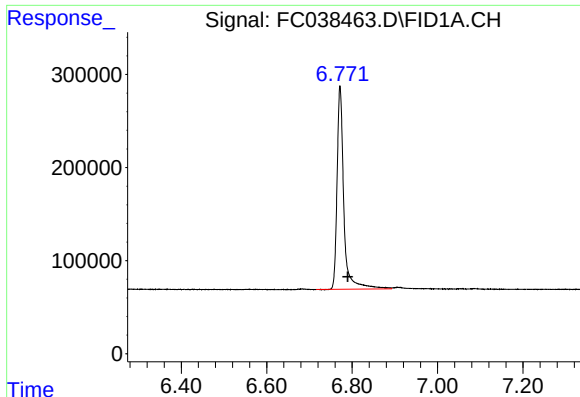
#3 A~Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: -0.019 min
Response: 2438798
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.168 min
Delta R.T.: -0.016 min
Response: 2244276
Conc: 20.79 ug/ml



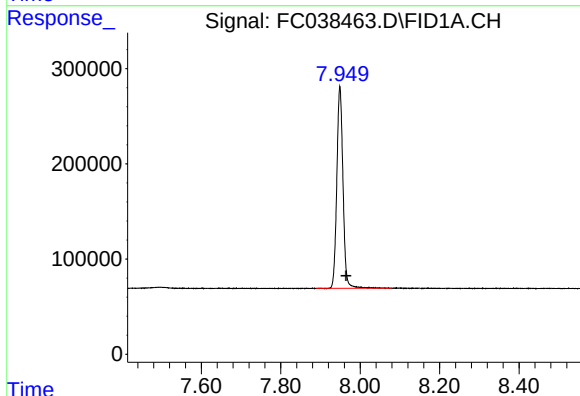
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.018 min
Response: 2409164
Conc: 20.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

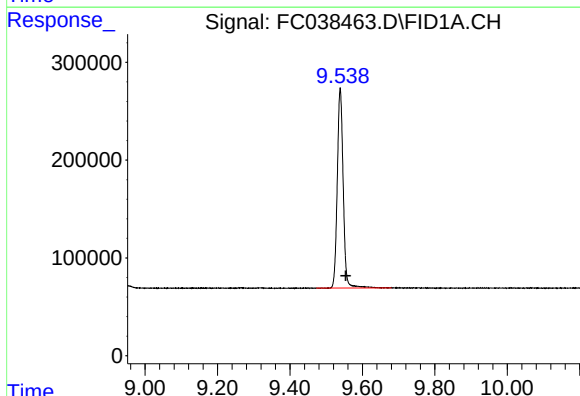
Manual Integrations
APPROVED

Sohil
1/7/2019 10:32:07 AM



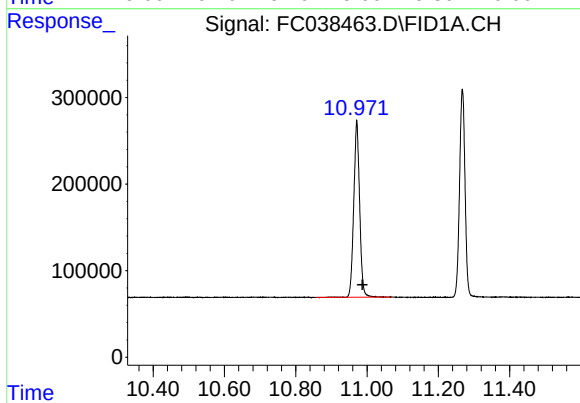
#6 n-Tetradecane (C14)

R.T.: 7.949 min
Delta R.T.: -0.016 min
Response: 2295353
Conc: 20.55 ug/ml



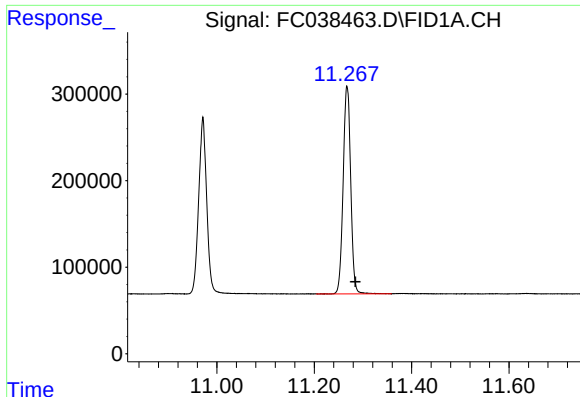
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: -0.015 min
Response: 2322116
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.971 min
Delta R.T.: -0.016 min
Response: 2329852
Conc: 19.27 ug/ml



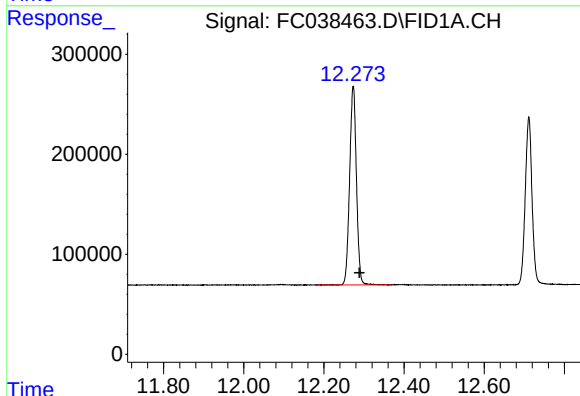
#9 ortho-Terphenyl (SURR)

R.T.: 11.268 min
Delta R.T.: -0.017 min
Response: 2572103
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

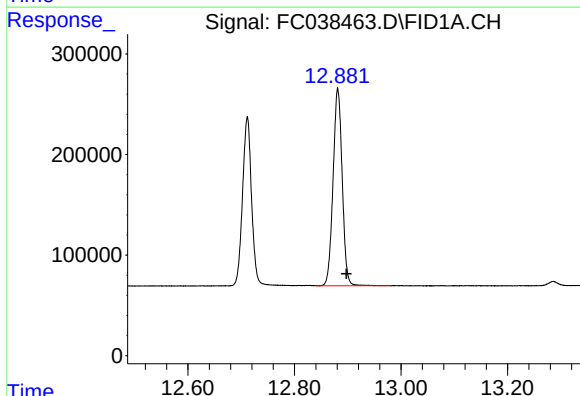
Manual Integrations
APPROVED

Sohil
1/7/2019 10:32:07 AM



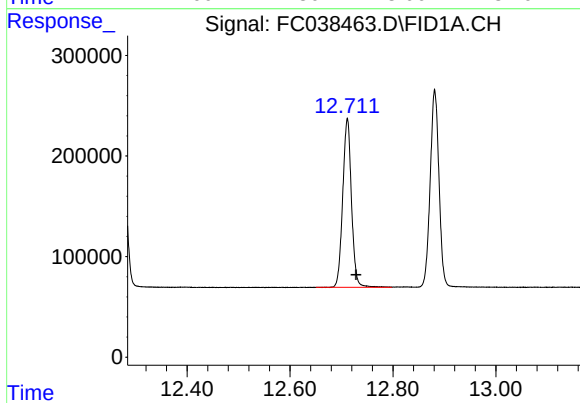
#10 n-Eicosane (C20)

R.T.: 12.273 min
Delta R.T.: -0.016 min
Response: 2343835
Conc: 19.51 ug/ml



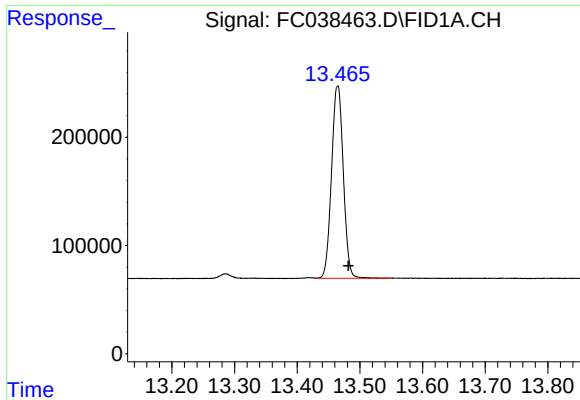
#11 n-Heneicosane (C21)

R.T.: 12.881 min
Delta R.T.: -0.016 min
Response: 2335926
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.711 min
Delta R.T.: -0.017 min
Response: 1984976
Conc: 19.69 ug/ml



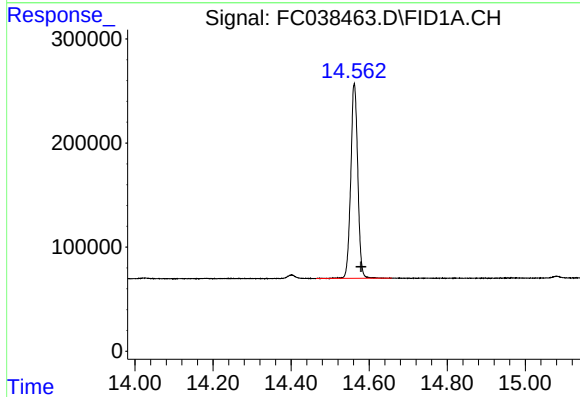
#13 n-Docosane (C22)

R.T.: 13.465 min
Delta R.T.: -0.017 min
Response: 2325944
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

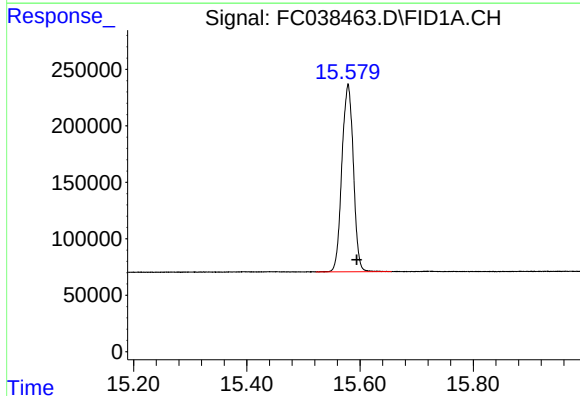
Manual Integrations
APPROVED

Sohil
1/7/2019 10:32:07 AM



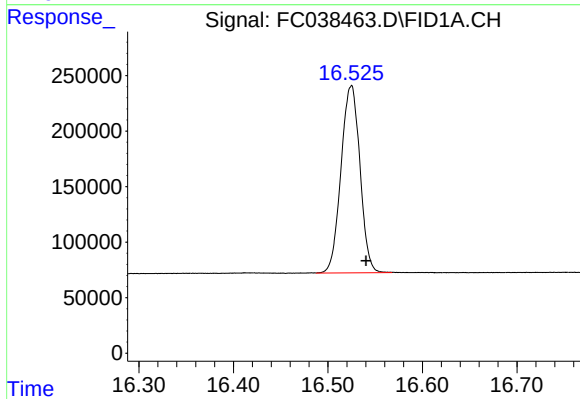
#14 n-Tetracosane (C24)

R.T.: 14.562 min
Delta R.T.: -0.017 min
Response: 2338211
Conc: 20.37 ug/ml



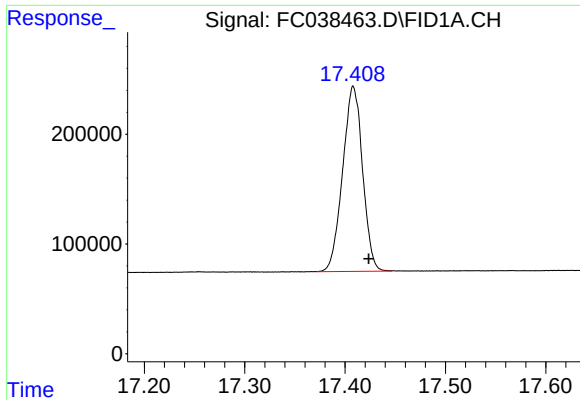
#15 n-Hexacosane (C26)

R.T.: 15.579 min
Delta R.T.: -0.015 min
Response: 2332533
Conc: 20.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.525 min
Delta R.T.: -0.016 min
Response: 2347107
Conc: 20.88 ug/ml m



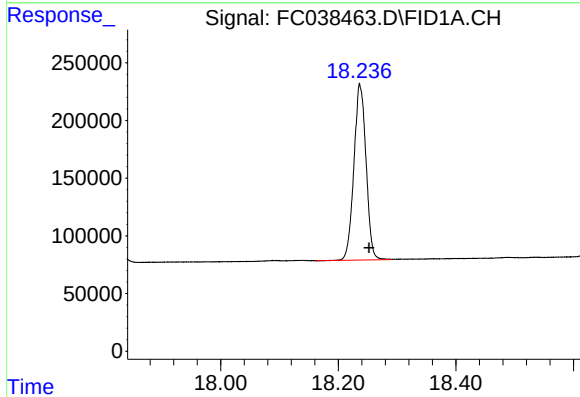
#17 n-Tricontane (C30)

R.T.: 17.408 min
Delta R.T.: -0.016 min
Response: 2324243
Conc: 21.18 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

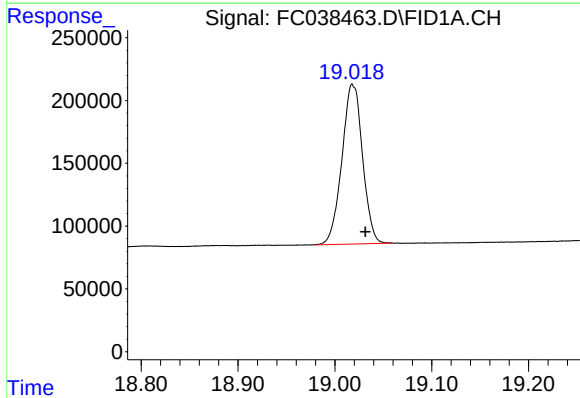
Manual Integrations
APPROVED

Sohil
1/7/2019 10:32:07 AM



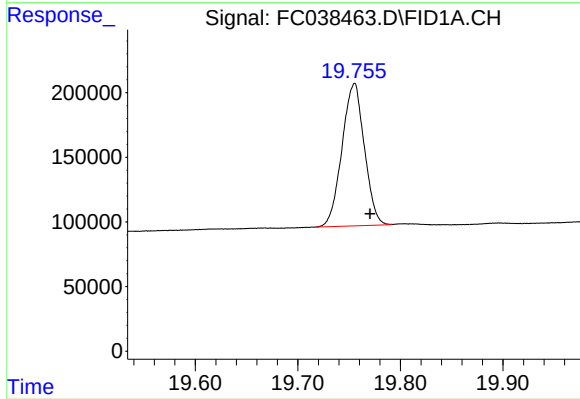
#18 n-Dotriacontane (C32)

R.T.: 18.237 min
Delta R.T.: -0.015 min
Response: 2188385
Conc: 21.37 ug/ml



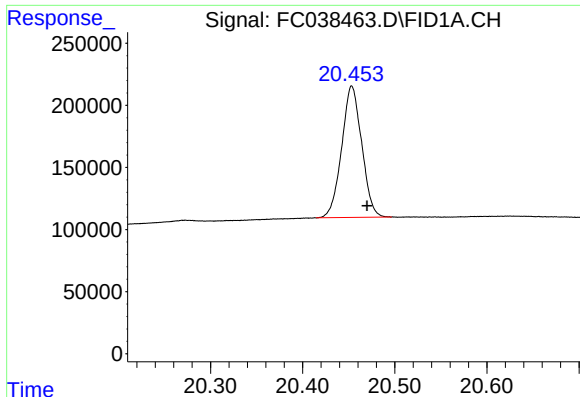
#19 n-Tetratriacontane (C34)

R.T.: 19.018 min
Delta R.T.: -0.014 min
Response: 1880584
Conc: 21.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.755 min
Delta R.T.: -0.016 min
Response: 1670460
Conc: 21.32 ug/ml m



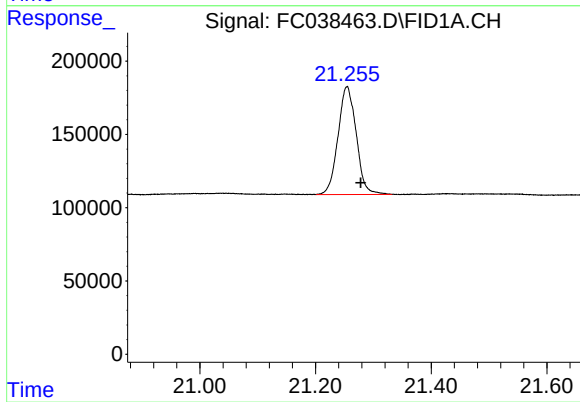
#21 n-Octatriacontane (C38)

R.T.: 20.453 min
Delta R.T.: -0.017 min
Response: 1601494
Conc: 20.70 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Sohil
1/7/2019 10:32:07 AM



#22 n-Tetracontane (C40)

R.T.: 21.255 min
Delta R.T.: -0.023 min
Response: 1611350
Conc: 18.44 ug/ml m