

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020420AL\
 Data File : FC045679.D
 Signal(s) : FID1A.CH
 Acq On : 05 Feb 2020 4:03
 Operator : DD\AJ
 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

mohammad
 2/5/2020 2:11:52 PM

Integration File: autoint1.e
 Quant Time: Feb 05 08:13:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.766	2221768	20.211 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.187	1709983	19.667 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.519	2202977	22.776 ug/ml
2) T n-Decane (C10)	4.595	2233273	23.059 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2393191	22.407 ug/ml
4) T n-Dodecane (C12)	6.612	2231626	22.827 ug/ml
5) T A~2-methylnaphthalene...	7.254	2401905	22.407 ug/ml
6) T n-Tetradecane (C14)	8.401	2195715	22.282 ug/ml
7) T n-Hexadecane (C16)	9.997	2159249	21.568 ug/ml
8) T n-Octadecane (C18)	11.435	2123538	20.849 ug/ml
10) T n-Eicosane (C20)	12.740	2067871	20.164 ug/ml
11) T n-Heneicosane (C21)	13.350	2044102	19.748 ug/ml
13) T n-Docosane (C22)	13.935	2004950	19.432 ug/ml
14) T n-Tetracosane (C24)	15.035	1964607	18.906 ug/ml
15) T n-Hexacosane (C26)	16.055	1916234	18.548 ug/ml
16) T n-Octacosane (C28)	17.001	1891921	18.510 ug/ml
17) T n-Tricontane (C30)	17.887	1844226	18.786 ug/ml
18) T n-Dotriacontane (C32)	18.715	1598083	19.205 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1376213	19.447 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1287124	20.074 ug/mlm
21) T n-Octatriacontane (C38)	21.003	1275304	21.804 ug/ml
22) T n-Tetracontane (C40)	21.972	1152948	19.544 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020420AL\
Data File : FC045679.D
Signal(s) : FID1A.CH
Acq On : 05 Feb 2020 4:03
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

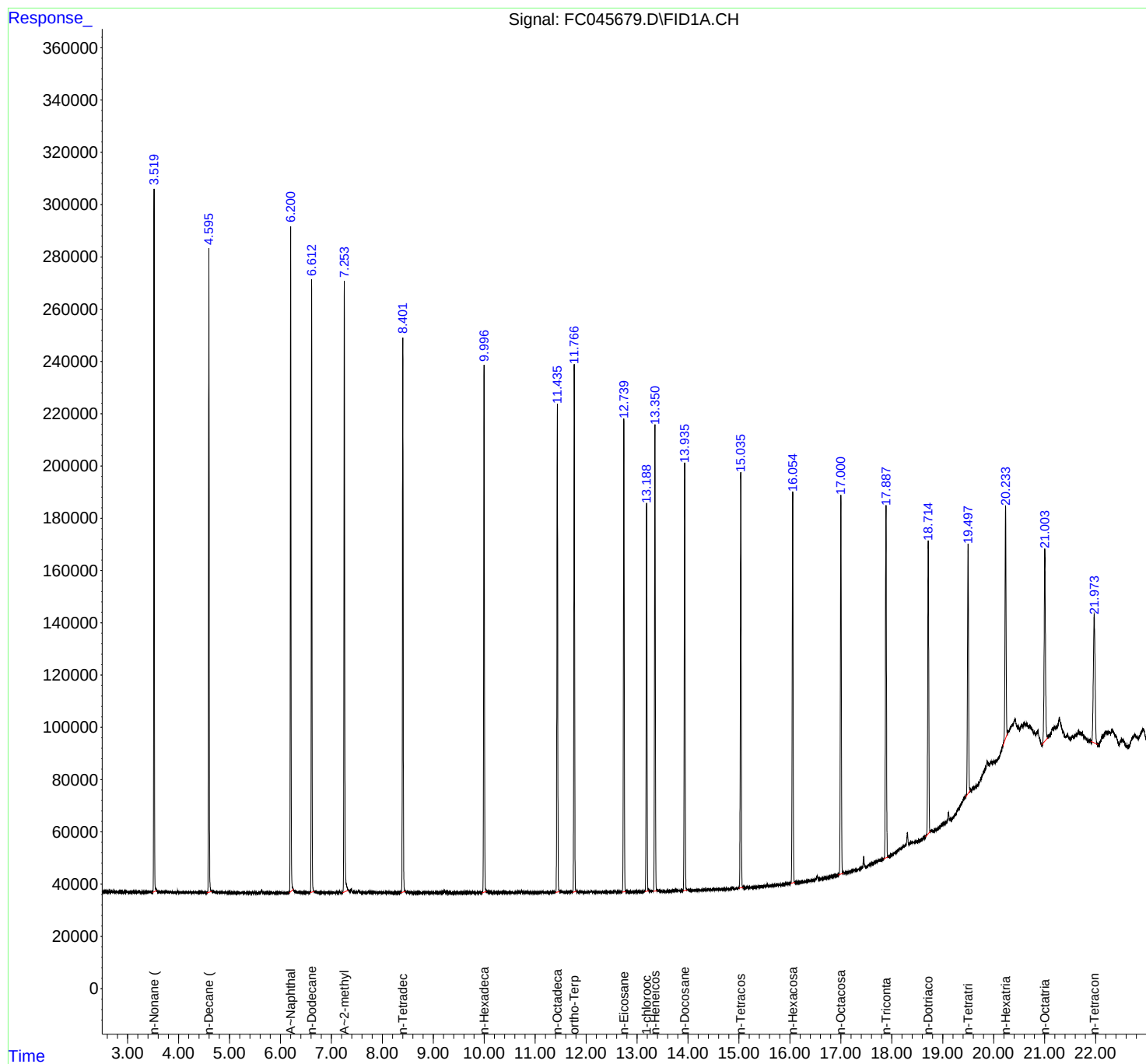
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

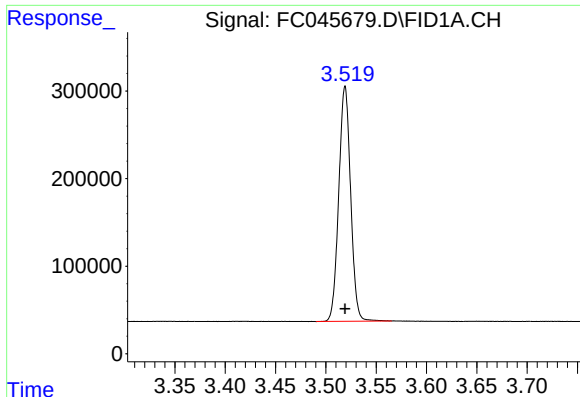
Manual Integrations
APPROVED

mohammad
2/5/2020 2:11:52 PM

Integration File: autoint1.e
Quant Time: Feb 05 08:13:15 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012120.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 04:15:47 2020
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





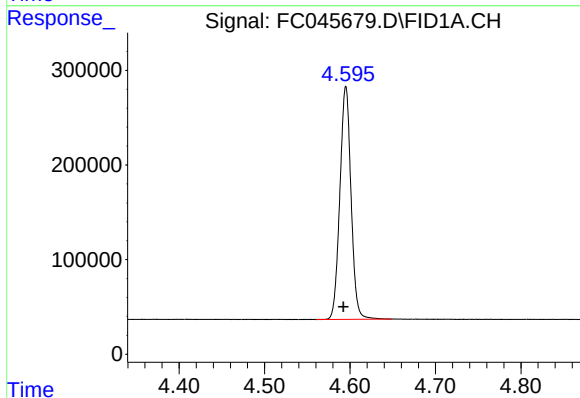
#1 n-Nonane (C9)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 2202977
Conc: 22.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

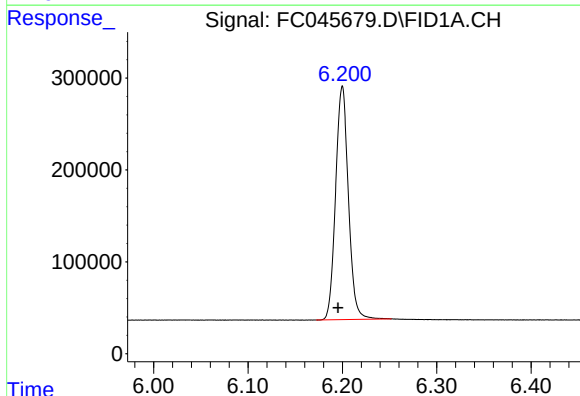
Manual Integrations
APPROVED

mohammad
2/5/2020 2:11:52 PM



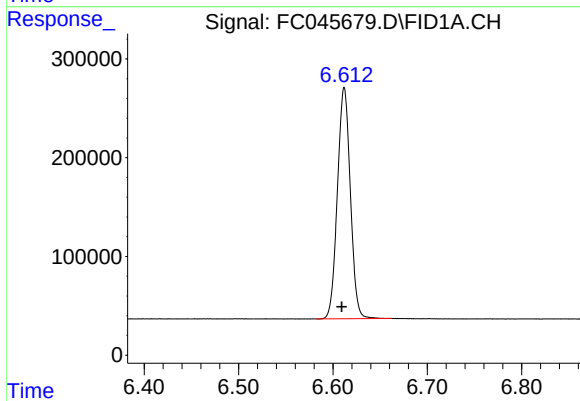
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 2233273
Conc: 23.06 ug/ml



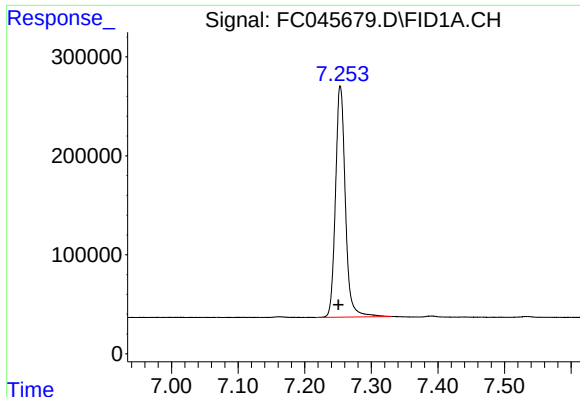
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2393191
Conc: 22.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2231626
Conc: 22.83 ug/ml



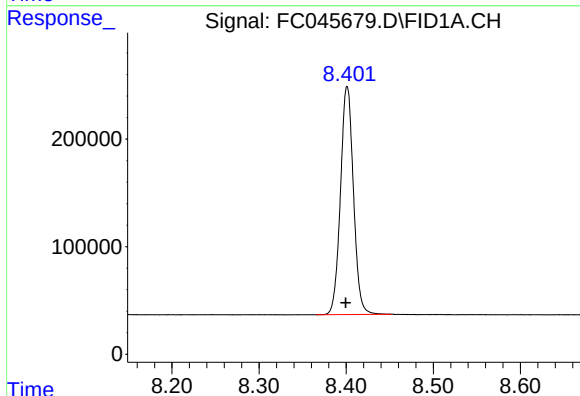
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: 0.003 min
Response: 2401905
Conc: 22.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

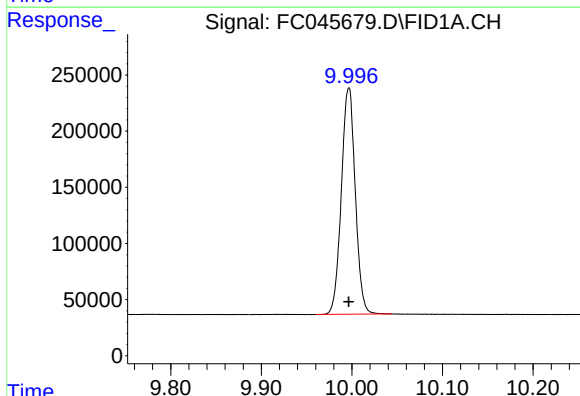
Manual Integrations
APPROVED

mohammad
2/5/2020 2:11:52 PM



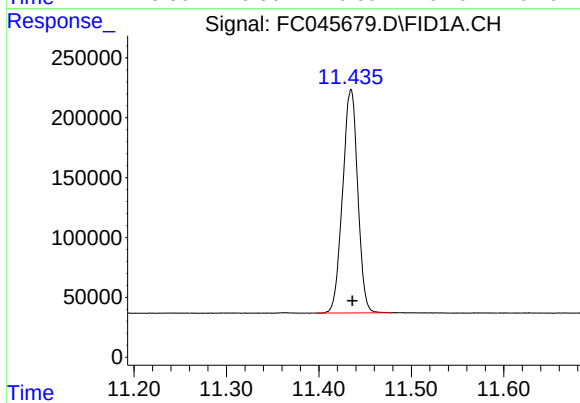
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 2195715
Conc: 22.28 ug/ml



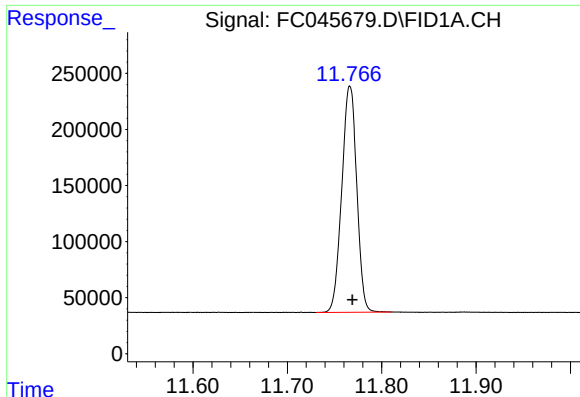
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 2159249
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.435 min
Delta R.T.: -0.001 min
Response: 2123538
Conc: 20.85 ug/ml



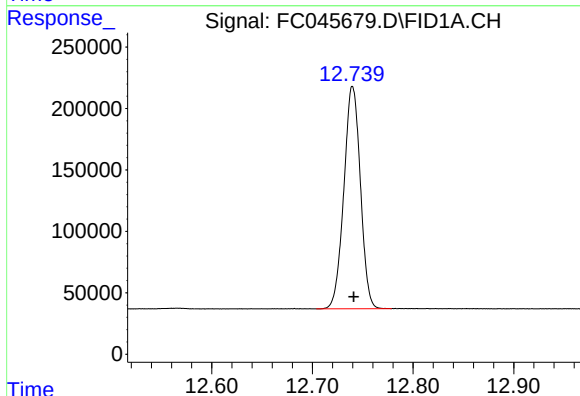
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min
Delta R.T.: -0.003 min
Response: 2221768
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

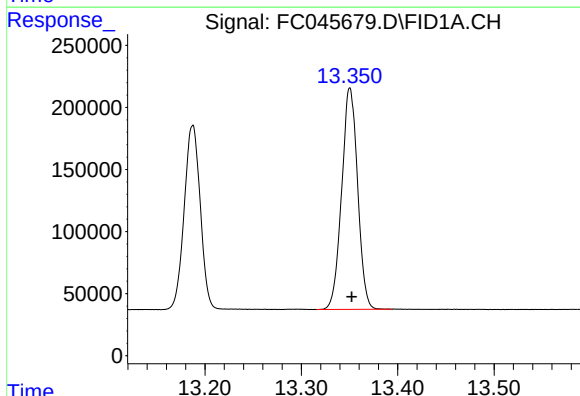
Manual Integrations
APPROVED

mohammad
2/5/2020 2:11:52 PM



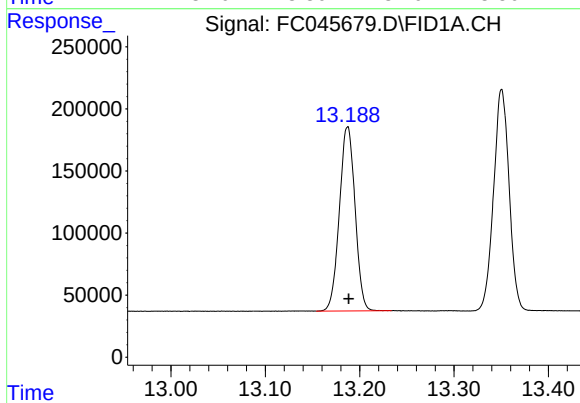
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: -0.001 min
Response: 2067871
Conc: 20.16 ug/ml



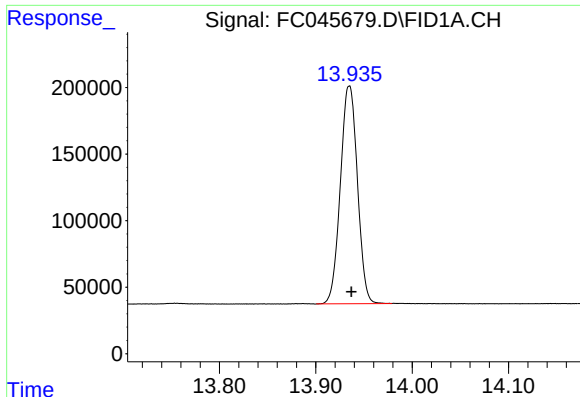
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.002 min
Response: 2044102
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.187 min
Delta R.T.: -0.001 min
Response: 1709983
Conc: 19.67 ug/ml



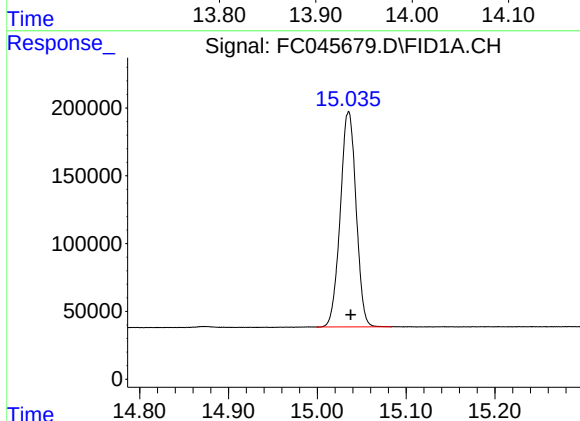
#13 n-Docosane (C22)

R.T.: 13.935 min
Delta R.T.: -0.002 min
Response: 2004950
Conc: 19.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

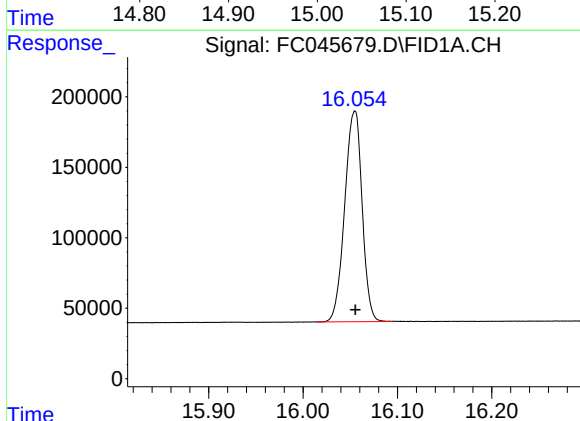
Manual Integrations
APPROVED

mohammad
2/5/2020 2:11:52 PM



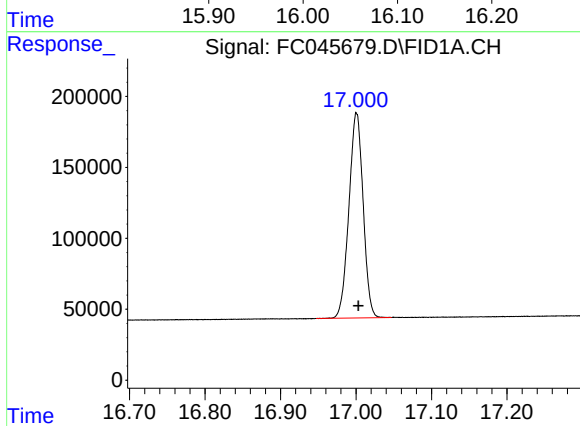
#14 n-Tetracosane (C24)

R.T.: 15.035 min
Delta R.T.: -0.002 min
Response: 1964607
Conc: 18.91 ug/ml



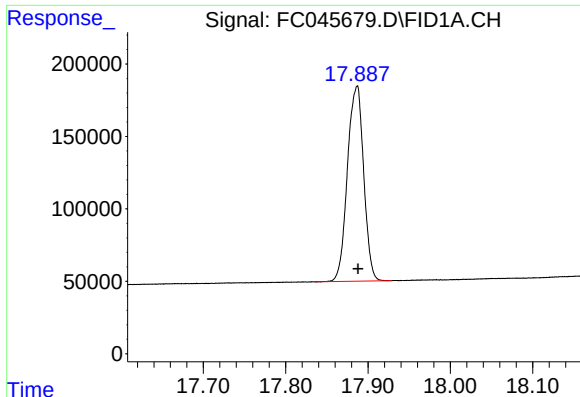
#15 n-Hexacosane (C26)

R.T.: 16.055 min
Delta R.T.: 0.000 min
Response: 1916234
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.001 min
Delta R.T.: -0.003 min
Response: 1891921
Conc: 18.51 ug/ml



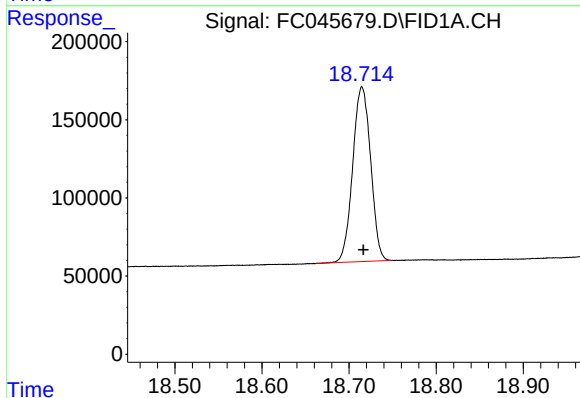
#17 n-Tricontane (C30)

R.T.: 17.887 min
Delta R.T.: -0.001 min
Response: 1844226
Conc: 18.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

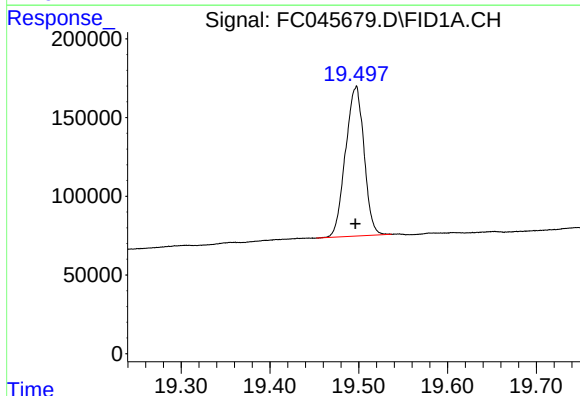
Manual Integrations
APPROVED

mohammad
2/5/2020 2:11:52 PM



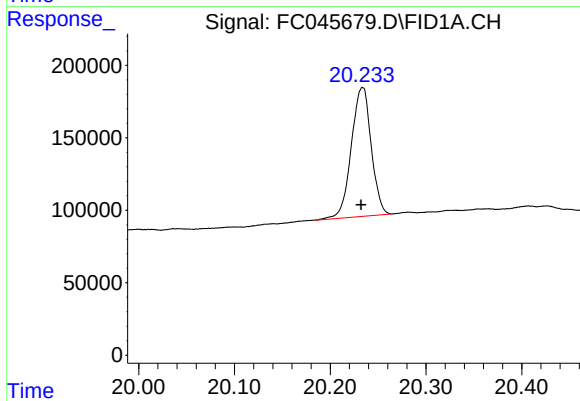
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: -0.002 min
Response: 1598083
Conc: 19.21 ug/ml



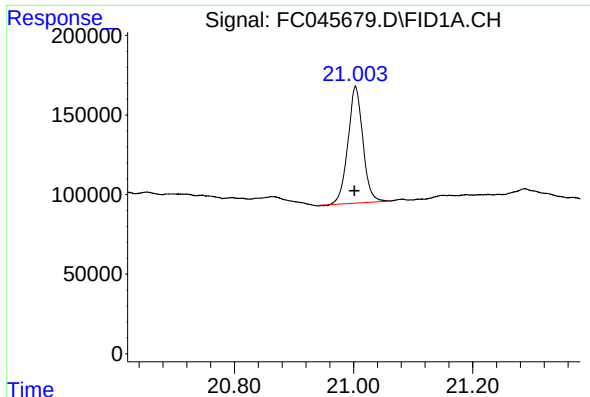
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.000 min
Response: 1376213
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.233 min
Delta R.T.: 0.001 min
Response: 1287124
Conc: 20.07 ug/ml m



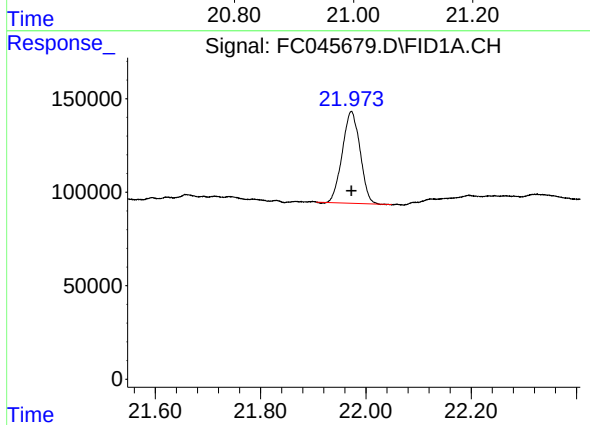
#21 n-Octatriacontane (C38)

R.T.: 21.003 min
Delta R.T.: 0.002 min
Response: 1275304
Conc: 21.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

mohammad
2/5/2020 2:11:52 PM



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.000 min
Response: 1152948
Conc: 19.54 ug/ml