

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100220AL\
 Data File : FC049877.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2020 10:49
 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

Ankita
 10/5/2020 11:39:00 AM

Integration File: autoint1.e
 Quant Time: Oct 03 03:15:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.654	2039868	17.754 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
12) S 1-chlorooctadecane (S...	13.088	1555039	17.458 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
Target Compounds			
1) T n-Nonane (C9)	3.393	2096850	20.269 ug/ml
2) T n-Decane (C10)	4.465	2107254	20.288 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2252685	19.592 ug/ml
4) T n-Dodecane (C12)	6.488	2101565	19.881 ug/ml
5) T A~2-methylnaphthalene...	7.121	2245973	19.210 ug/ml
6) T n-Tetradecane (C14)	8.286	2040137	19.339 ug/ml
7) T n-Hexadecane (C16)	9.889	1940595	18.647 ug/ml
8) T n-Octadecane (C18)	11.332	1959234	18.230 ug/ml
10) T n-Eicosane (C20)	12.641	1906981	17.809 ug/ml
11) T n-Heneicosane (C21)	13.255	1874891	17.618 ug/ml
13) T n-Docosane (C22)	13.840	1851926	17.500 ug/ml
14) T n-Tetracosane (C24)	14.943	1817833	17.372 ug/ml
15) T n-Hexacosane (C26)	15.963	1796875	17.577 ug/ml
16) T n-Octacosane (C28)	16.913	1816636	18.076 ug/ml
17) T n-Tricontane (C30)	17.799	1822136	18.715 ug/ml
18) T n-Dotriacontane (C32)	18.630	1749268	19.359 ug/ml
19) T n-Tetratriacontane (C34)	19.414	1705804	19.927 ug/mlm
20) T n-Hexatriacontane (C36)	20.152	1653719	20.526 ug/mlm
21) T n-Octatriacontane (C38)	20.904	1608705	21.250 ug/mlm
22) T n-Tetracontane (C40)	21.847	1625197	20.887 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100220AL\
Data File : FC049877.D
Signal(s) : FID1A.CH
Acq On : 02 Oct 2020 10:49
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

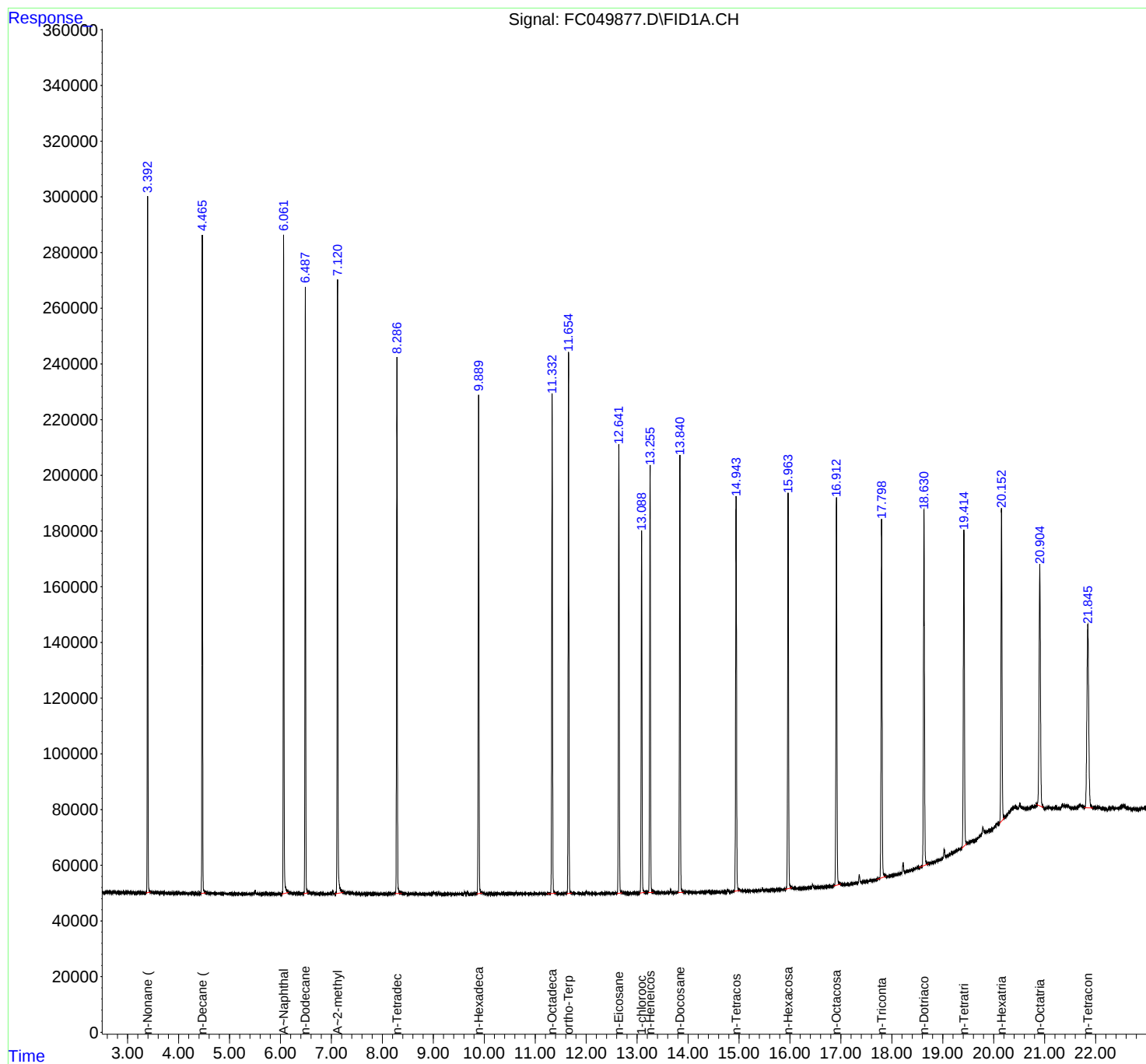
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

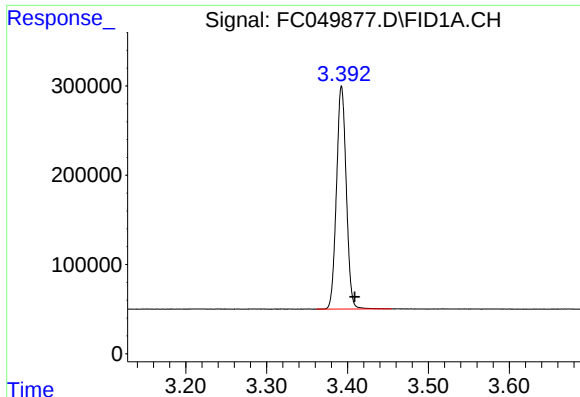
Manual Integrations
APPROVED

Ankita
10/5/2020 11:39:00 AM

Integration File: autoint1.e
Quant Time: Oct 03 03:15:41 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 090820.M
Quant Title : GC Extractables
QLast Update : Wed Sep 09 05:58:47 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





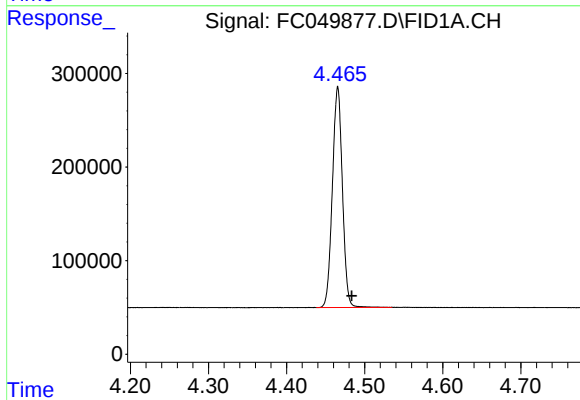
#1 n-Nonane (C9)

R.T.: 3.393 min
Delta R.T.: -0.016 min
Response: 2096850
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

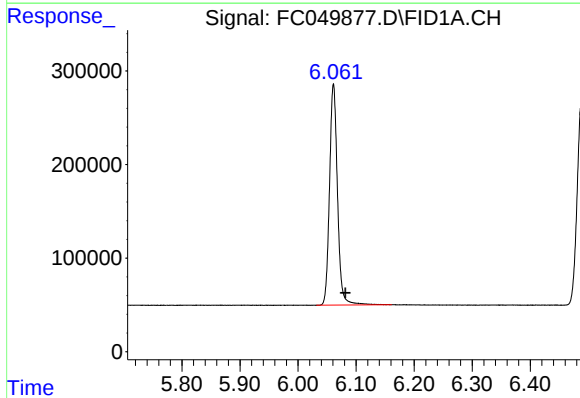
Manual Integrations
APPROVED

Ankita
10/5/2020 11:39:00 AM



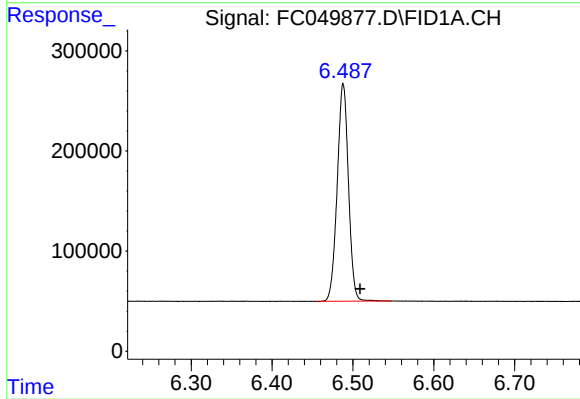
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.018 min
Response: 2107254
Conc: 20.29 ug/ml



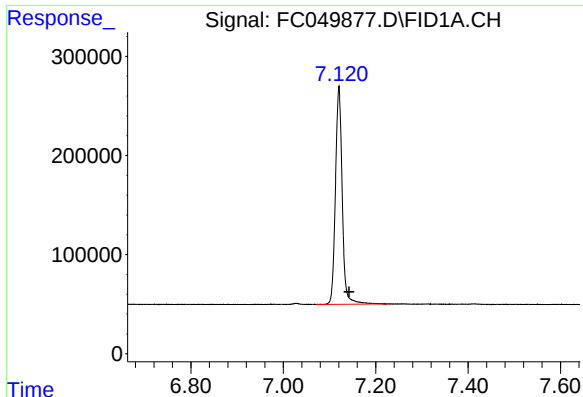
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.021 min
Response: 2252685
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: -0.021 min
Response: 2101565
Conc: 19.88 ug/ml



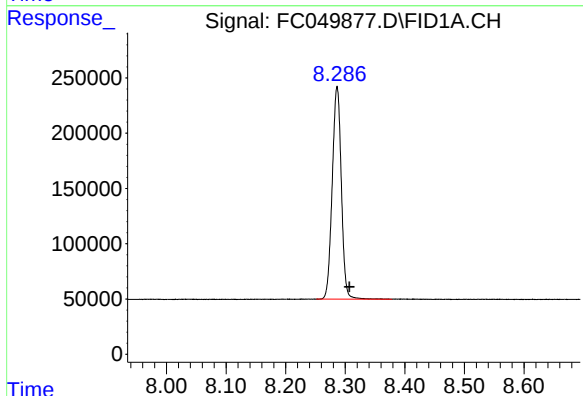
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.022 min
Response: 2245973
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

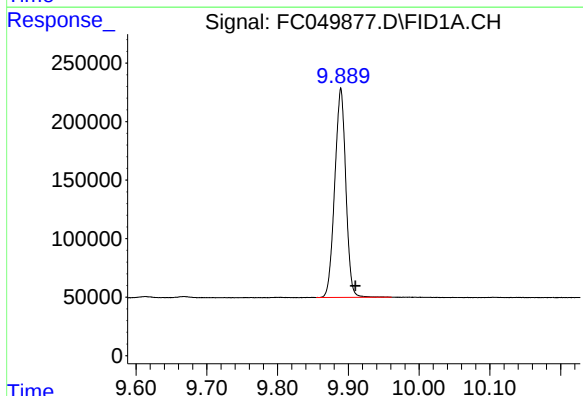
Manual Integrations
APPROVED

Ankita
10/5/2020 11:39:00 AM



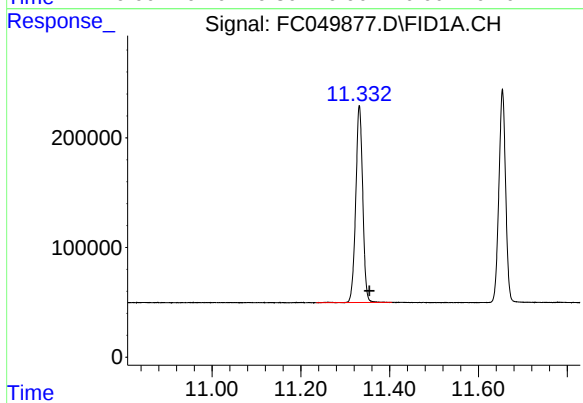
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.021 min
Response: 2040137
Conc: 19.34 ug/ml



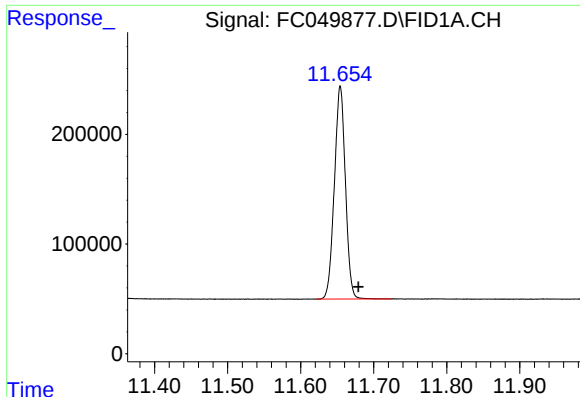
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: -0.021 min
Response: 1940595
Conc: 18.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.332 min
Delta R.T.: -0.022 min
Response: 1959234
Conc: 18.23 ug/ml



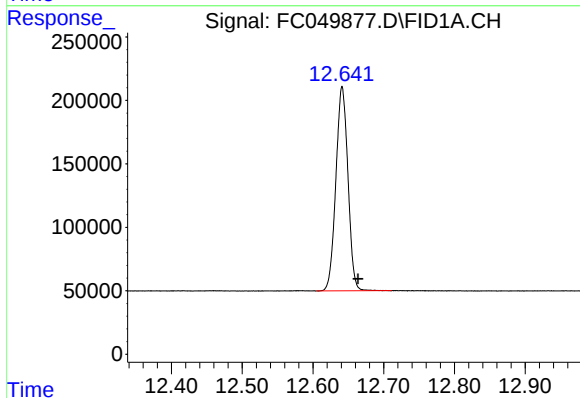
#9 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.025 min
Response: 2039868
Conc: 17.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

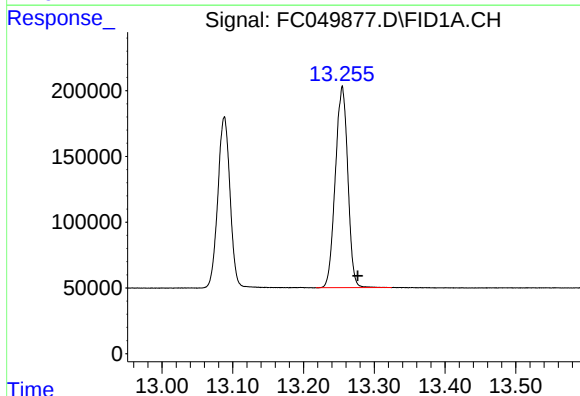
Manual Integrations
APPROVED

Ankita
10/5/2020 11:39:00 AM



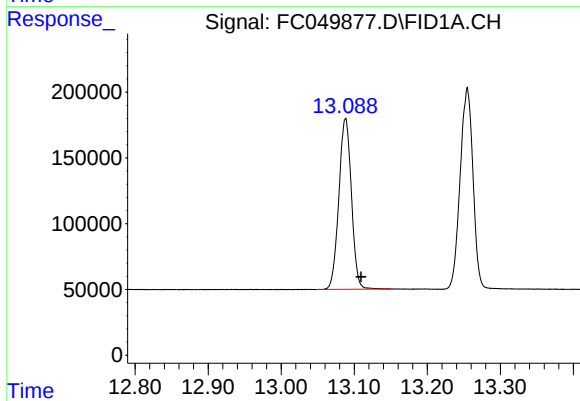
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.022 min
Response: 1906981
Conc: 17.81 ug/ml



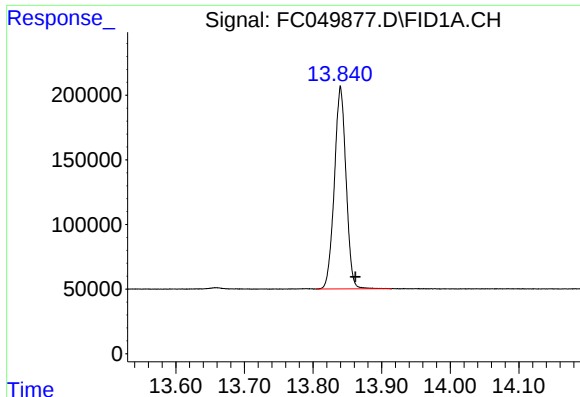
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: -0.022 min
Response: 1874891
Conc: 17.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.021 min
Response: 1555039
Conc: 17.46 ug/ml



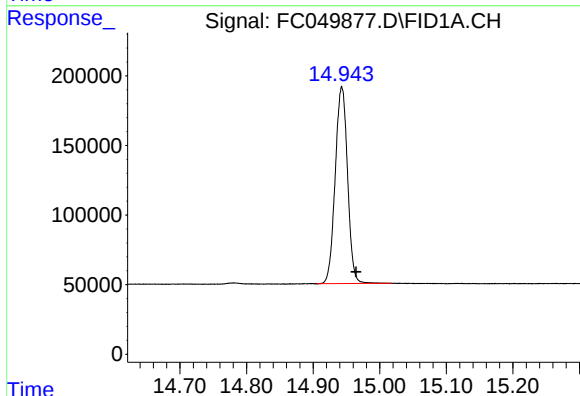
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.022 min
Response: 1851926
Conc: 17.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

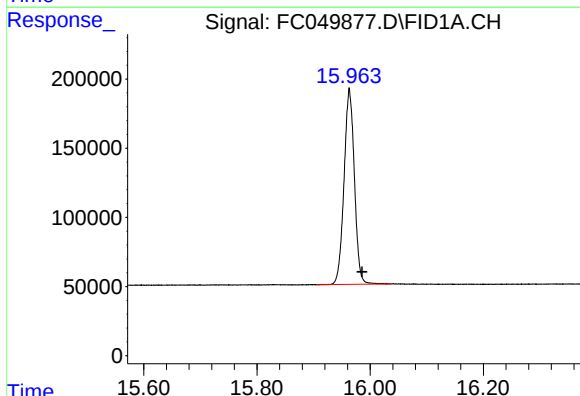
Manual Integrations
APPROVED

Ankita
10/5/2020 11:39:00 AM



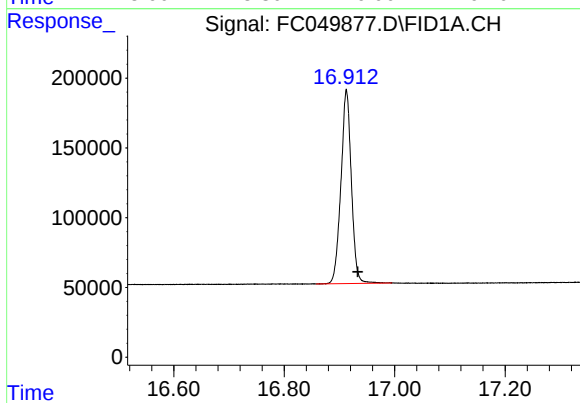
#14 n-Tetracosane (C24)

R.T.: 14.943 min
Delta R.T.: -0.021 min
Response: 1817833
Conc: 17.37 ug/ml



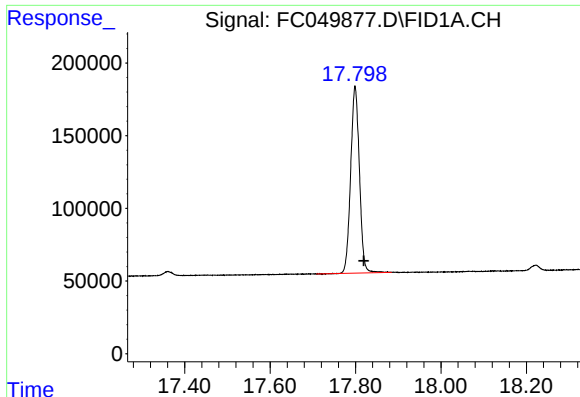
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.022 min
Response: 1796875
Conc: 17.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.021 min
Response: 1816636
Conc: 18.08 ug/ml



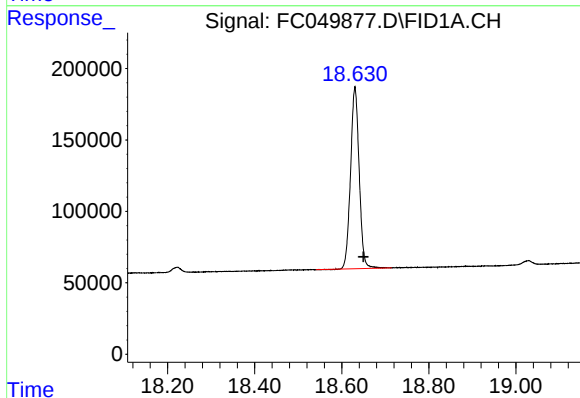
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.020 min
Response: 1822136
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

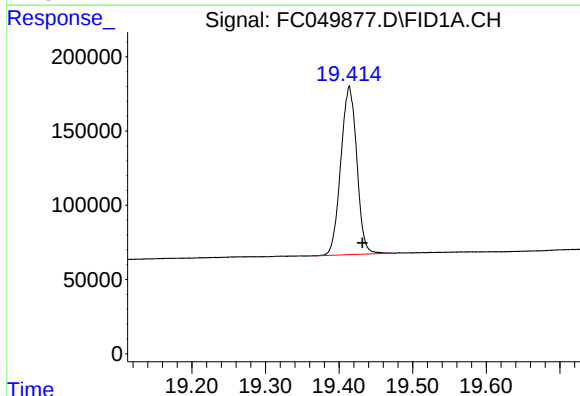
Manual Integrations
APPROVED

Ankita
10/5/2020 11:39:00 AM



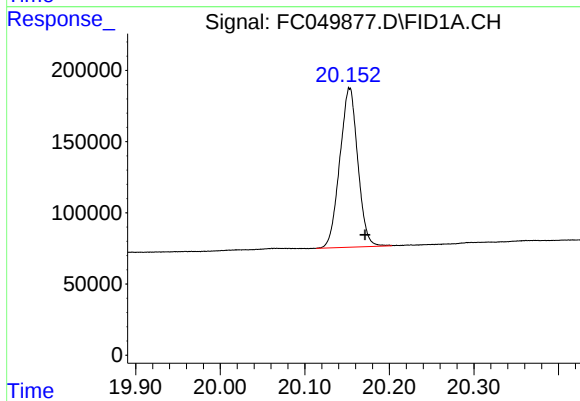
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: -0.020 min
Response: 1749268
Conc: 19.36 ug/ml



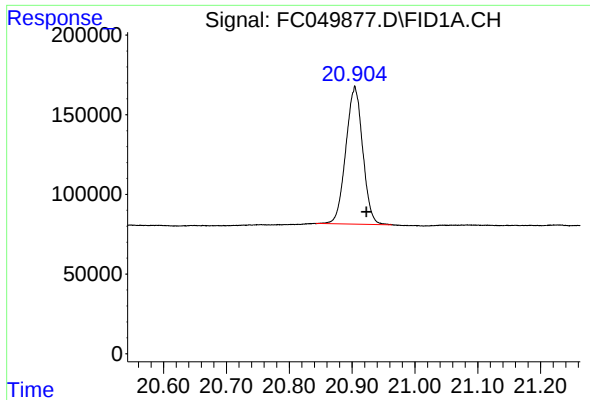
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.018 min
Response: 1705804
Conc: 19.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: -0.019 min
Response: 1653719
Conc: 20.53 ug/ml m



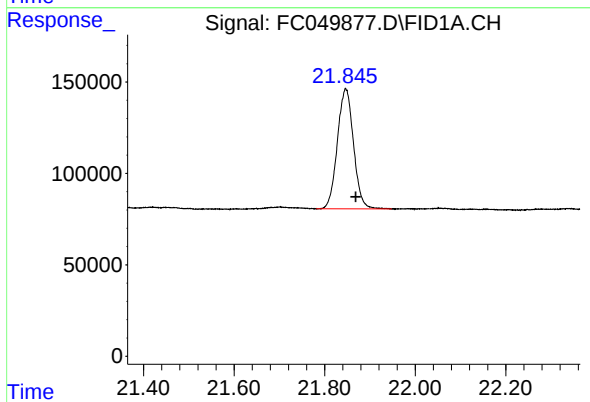
#21 n-Octatriacontane (C38)

R.T.: 20.904 min
Delta R.T.: -0.019 min
Response: 1608705
Conc: 21.25 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
10/5/2020 11:39:00 AM



#22 n-Tetracontane (C40)

R.T.: 21.847 min
Delta R.T.: -0.022 min
Response: 1625197
Conc: 20.89 ug/ml