

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081320AL\
 Data File : FC049015.D
 Signal(s) : FID1A.CH
 Acq On : 14 Aug 2020 13:05
 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
 8/18/2020 9:11:37 AM

Integration File: autoint1.e
 Quant Time: Aug 14 13:30:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.677	2736366	23.031 ug/ml
Spiked Amount 50.000		Recovery =	46.06%
12) S 1-chlorooctadecane (S...	13.110	2226464	22.887 ug/ml
Spiked Amount 50.000		Recovery =	45.77%
Target Compounds			
1) T n-Nonane (C9)	3.408	2326131	22.303 ug/ml
2) T n-Decane (C10)	4.484	2397782	22.860 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2723333	23.027 ug/ml
4) T n-Dodecane (C12)	6.509	2444397	23.046 ug/ml
5) T A~2-methylnaphthalene...	7.141	2796199	23.191 ug/ml
6) T n-Tetradecane (C14)	8.308	2445472	23.222 ug/ml
7) T n-Hexadecane (C16)	9.910	2432122	23.171 ug/ml
8) T n-Octadecane (C18)	11.354	2541467	23.134 ug/ml
10) T n-Eicosane (C20)	12.663	2565097	23.050 ug/ml
11) T n-Heneicosane (C21)	13.276	2558882	22.907 ug/ml
13) T n-Docosane (C22)	13.862	2572356	22.886 ug/ml
14) T n-Tetracosane (C24)	14.963	2579988	22.694 ug/ml
15) T n-Hexacosane (C26)	15.983	2500296	21.852 ug/ml
16) T n-Octacosane (C28)	16.932	2445712	21.022 ug/ml
17) T n-Tricontane (C30)	17.817	2354866	20.371 ug/ml
18) T n-Dotriacontane (C32)	18.648	2135214	19.748 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1954457	18.844 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1855047	18.657 ug/mlm
21) T n-Octatriacontane (C38)	20.921	1763019	18.644 ug/ml
22) T n-Tetracontane (C40)	21.869	1807469	18.933 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081320AL\
Data File : FC049015.D
Signal(s) : FID1A.CH
Acq On : 14 Aug 2020 13:05
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

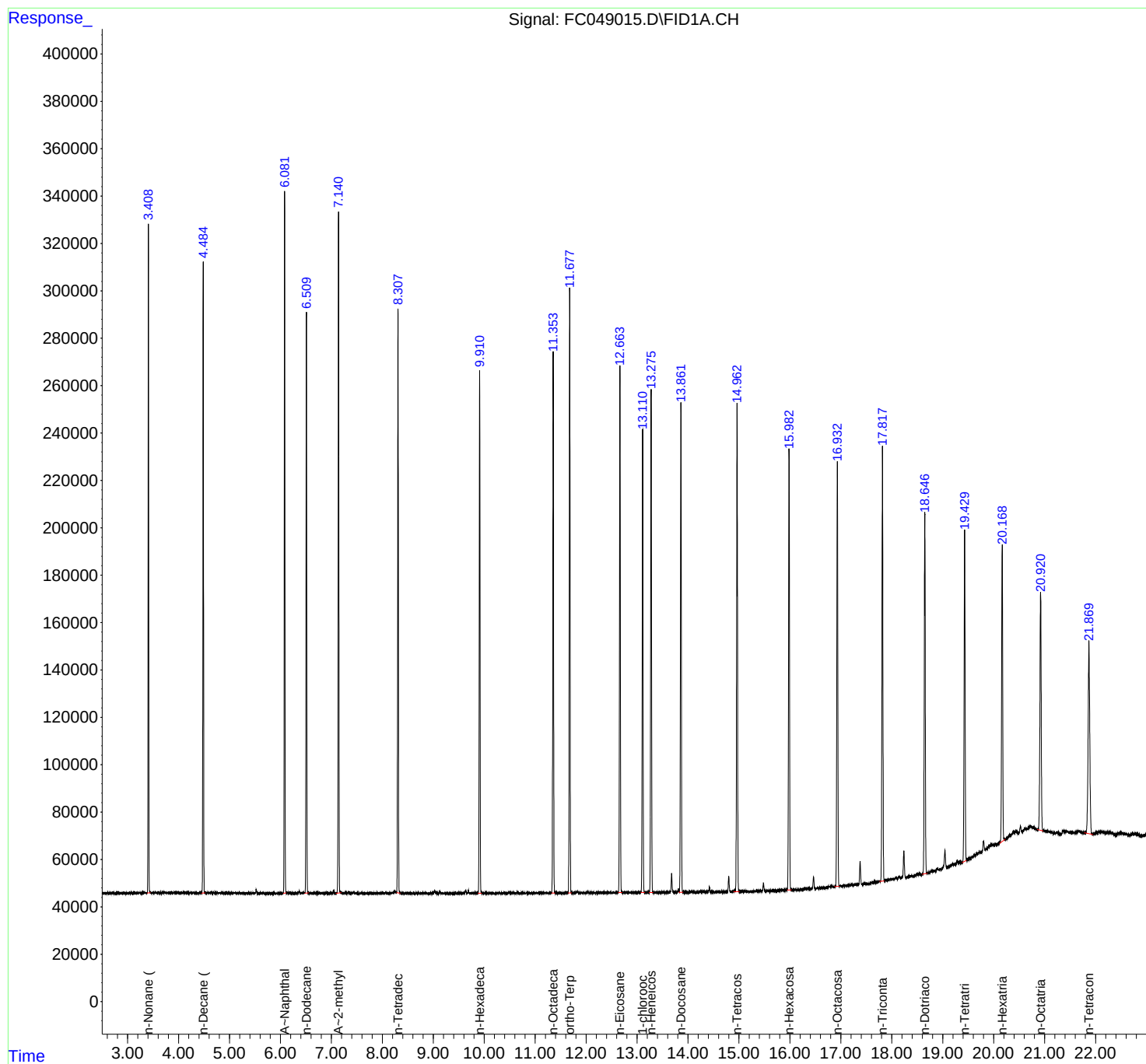
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

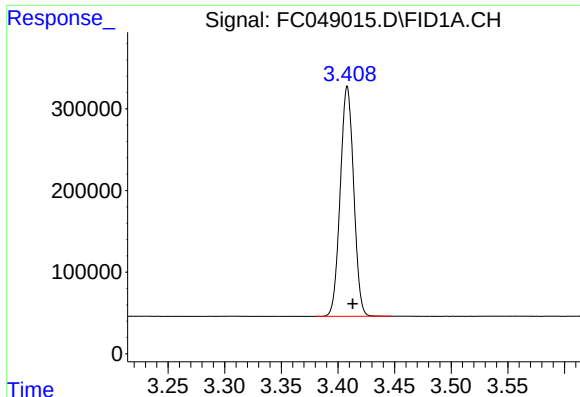
Manual Integrations
APPROVED

Ankita
8/18/2020 9:11:37 AM

Integration File: autoint1.e
Quant Time: Aug 14 13:30:45 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080720.M
Quant Title : GC Extractables
QLast Update : Sat Aug 08 02:38:47 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





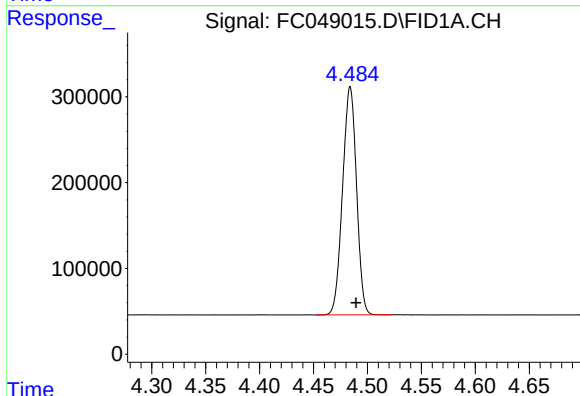
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2326131
Conc: 22.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

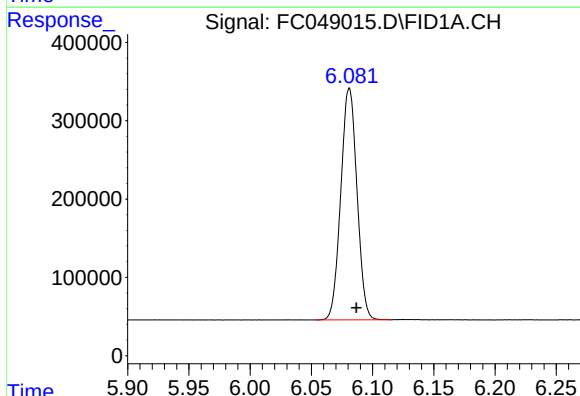
Manual Integrations
APPROVED

Ankita
8/18/2020 9:11:37 AM



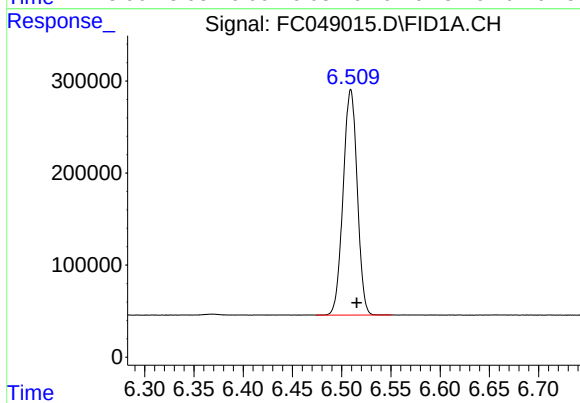
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2397782
Conc: 22.86 ug/ml



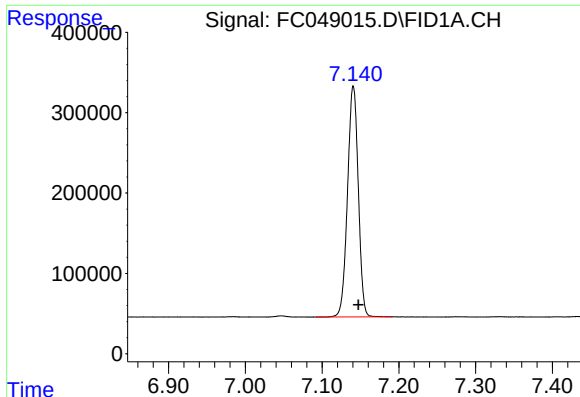
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 2723333
Conc: 23.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 2444397
Conc: 23.05 ug/ml



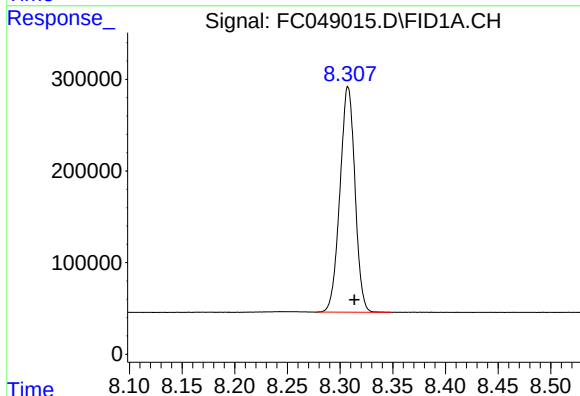
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.007 min
Response: 2796199
Conc: 23.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

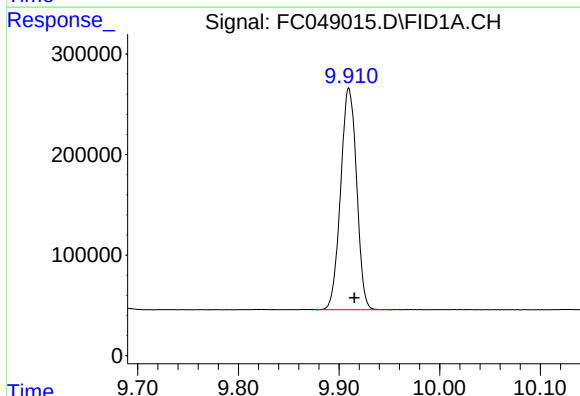
Manual Integrations
APPROVED

Ankita
8/18/2020 9:11:37 AM



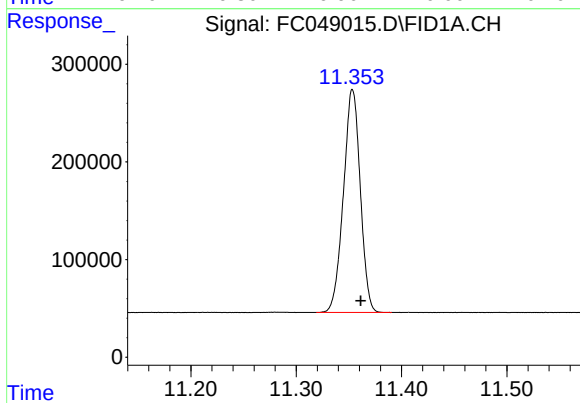
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.006 min
Response: 2445472
Conc: 23.22 ug/ml



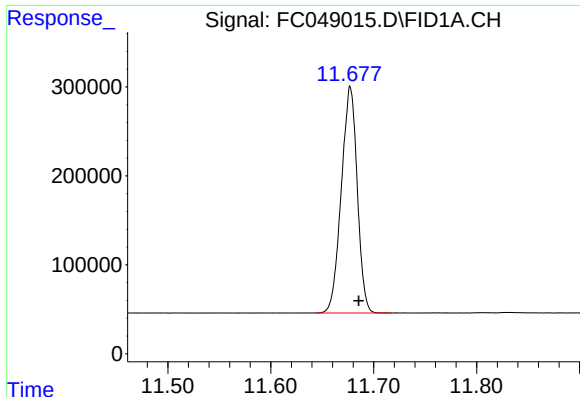
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.005 min
Response: 2432122
Conc: 23.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.008 min
Response: 2541467
Conc: 23.13 ug/ml



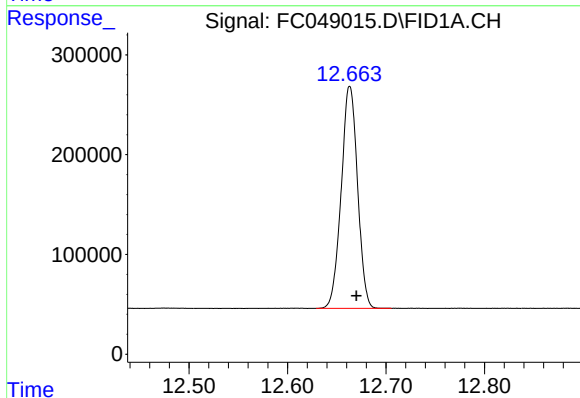
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.008 min
Response: 2736366
Conc: 23.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

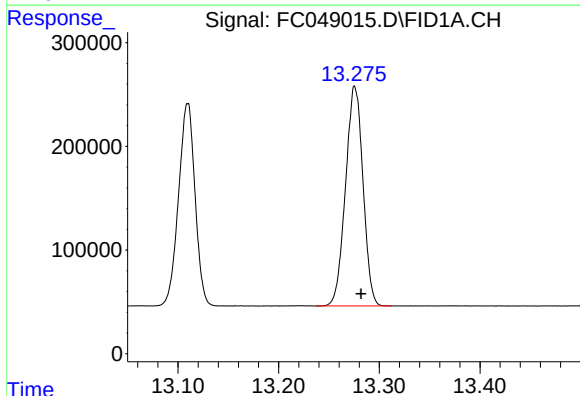
Manual Integrations
APPROVED

Ankita
8/18/2020 9:11:37 AM



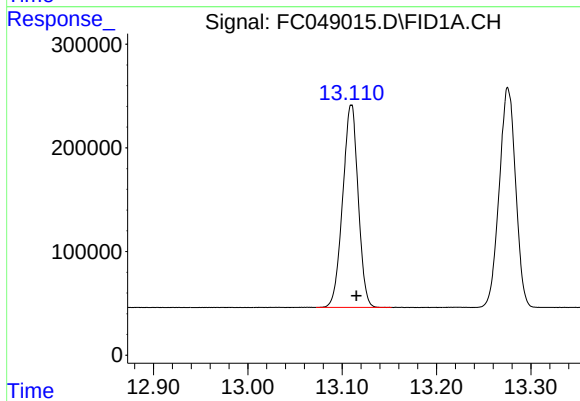
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.007 min
Response: 2565097
Conc: 23.05 ug/ml



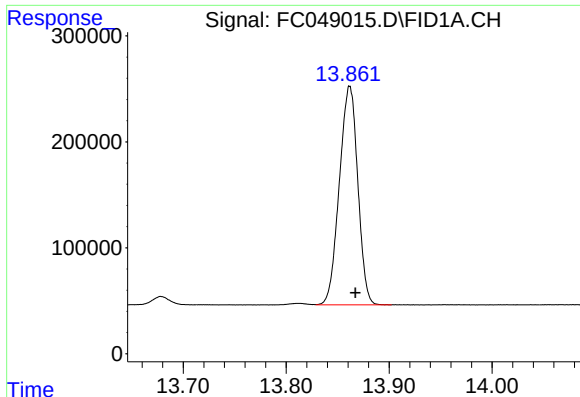
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.006 min
Response: 2558882
Conc: 22.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: -0.005 min
Response: 2226464
Conc: 22.89 ug/ml



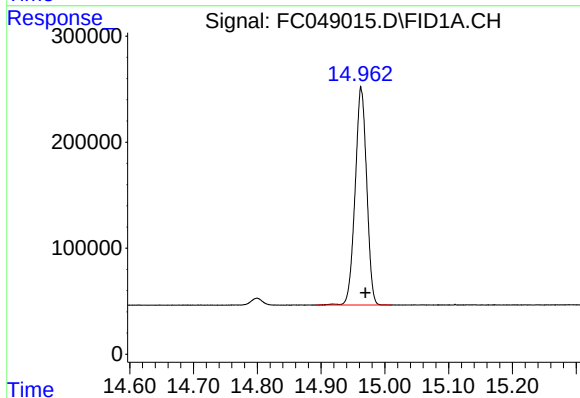
#13 n-Docosane (C22)

R.T.: 13.862 min
Delta R.T.: -0.006 min
Response: 2572356
Conc: 22.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

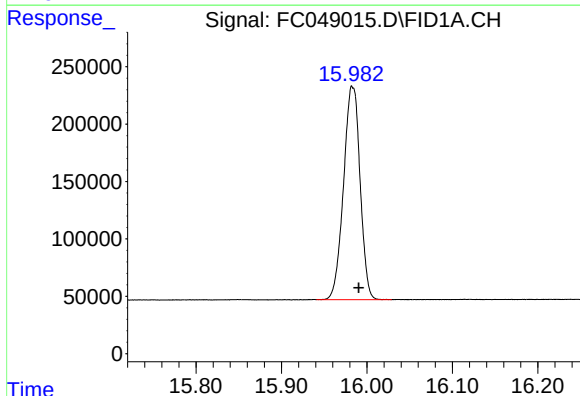
Manual Integrations
APPROVED

Ankita
8/18/2020 9:11:37 AM



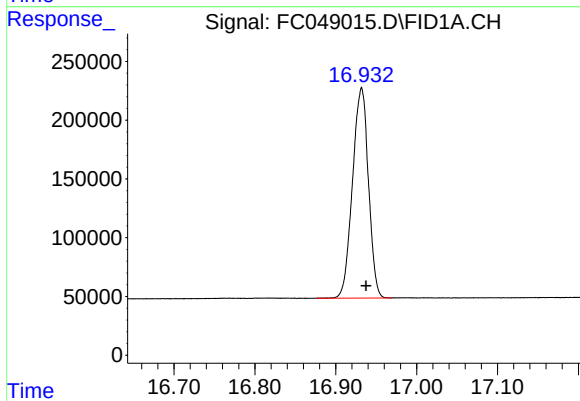
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.007 min
Response: 2579988
Conc: 22.69 ug/ml



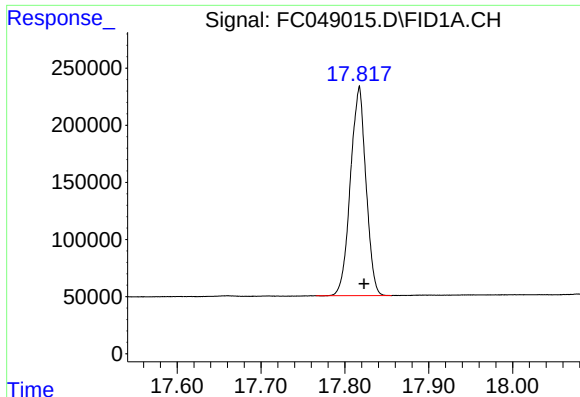
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.007 min
Response: 2500296
Conc: 21.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: -0.005 min
Response: 2445712
Conc: 21.02 ug/ml



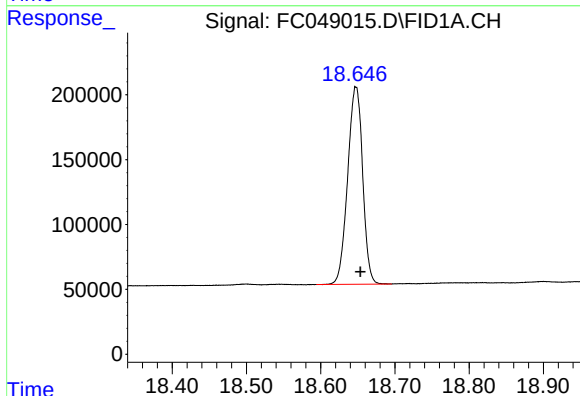
#17 n-Tricontane (C30)

R.T.: 17.817 min
Delta R.T.: -0.006 min
Response: 2354866
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

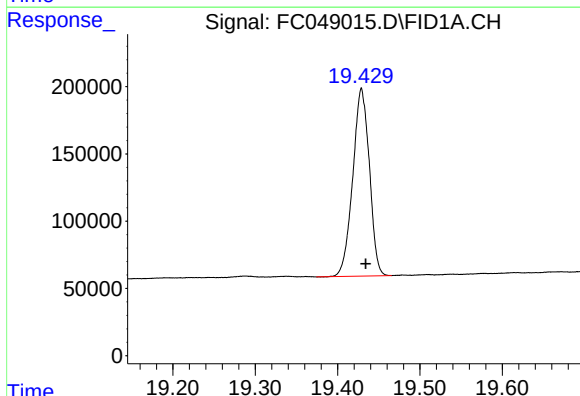
Manual Integrations
APPROVED

Ankita
8/18/2020 9:11:37 AM



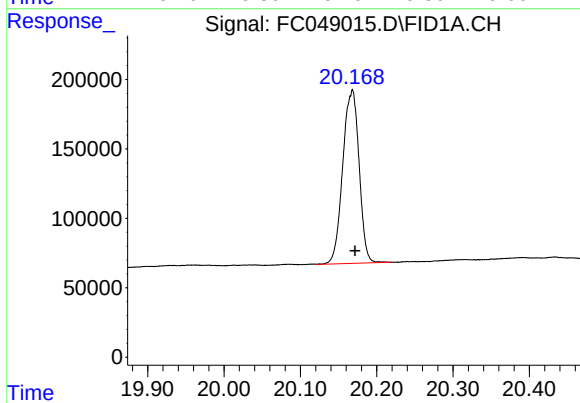
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.006 min
Response: 2135214
Conc: 19.75 ug/ml



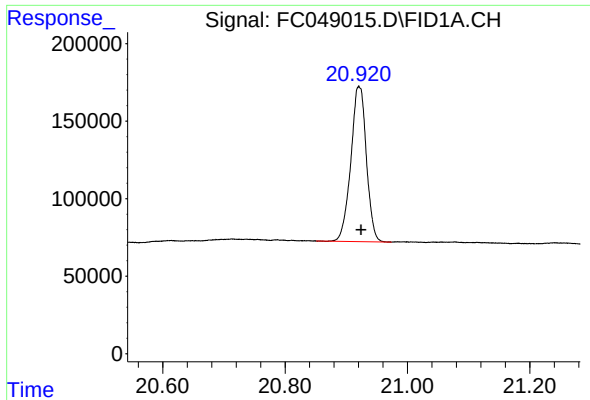
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: -0.005 min
Response: 1954457
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: -0.004 min
Response: 1855047
Conc: 18.66 ug/ml m



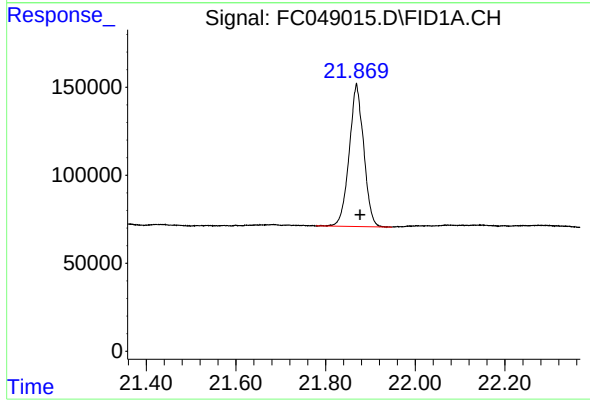
#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.003 min
Response: 1763019
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
8/18/2020 9:11:37 AM



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: -0.008 min
Response: 1807469
Conc: 18.93 ug/ml