

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042121AL\
 Data File : FC053320.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2021 5:47
 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
 4/22/2021 3:04:56 PM

Integration File: sample.E
 Quant Time: Apr 22 06:38:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 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)	11.548	2899294	20.949 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	12.989	2268706	20.962 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T n-Nonane (C9)	3.303	2443134	21.059 ug/ml
2) T n-Decane (C10)	4.369	2474204	21.141 ug/ml
3) T A~Naphthalene (C11.7)	5.953	2771507	21.304 ug/ml
4) T n-Dodecane (C12)	6.388	2551195	21.378 ug/ml
5) T A~2-methylnaphthalene...	7.011	2850209	21.563 ug/ml
6) T n-Tetradecane (C14)	8.186	2592288	21.300 ug/ml
7) T n-Hexadecane (C16)	9.790	2578495	21.429 ug/ml
8) T n-Octadecane (C18)	11.233	2695942	21.276 ug/ml
10) T n-Eicosane (C20)	12.544	2703943	21.085 ug/ml
11) T n-Heneicosane (C21)	13.157	2690053	20.946 ug/ml
13) T n-Docosane (C22)	13.744	2672284	20.735 ug/ml
14) T n-Tetracosane (C24)	14.848	2625358	20.327 ug/ml
15) T n-Hexacosane (C26)	15.871	2534584	19.722 ug/ml
16) T n-Octacosane (C28)	16.821	2462187	19.012 ug/ml
17) T n-Tricontane (C30)	17.709	2424814	18.007 ug/mlm
18) T n-Dotriacontane (C32)	18.543	2348844	17.127 ug/mlm
19) T n-Tetratriacontane (C34)	19.326	2199944	16.858 ug/mlm
20) T n-Hexatriacontane (C36)	20.066	2107290	17.405 ug/mlm
21) T n-Octatriacontane (C38)	20.799	1878837	17.831 ug/mlm
22) T n-Tetracontane (C40)	21.698	2068688	19.758 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042121AL\
Data File : FC053320.D
Signal(s) : FID1A.CH
Acq On : 22 Apr 2021 5:47
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

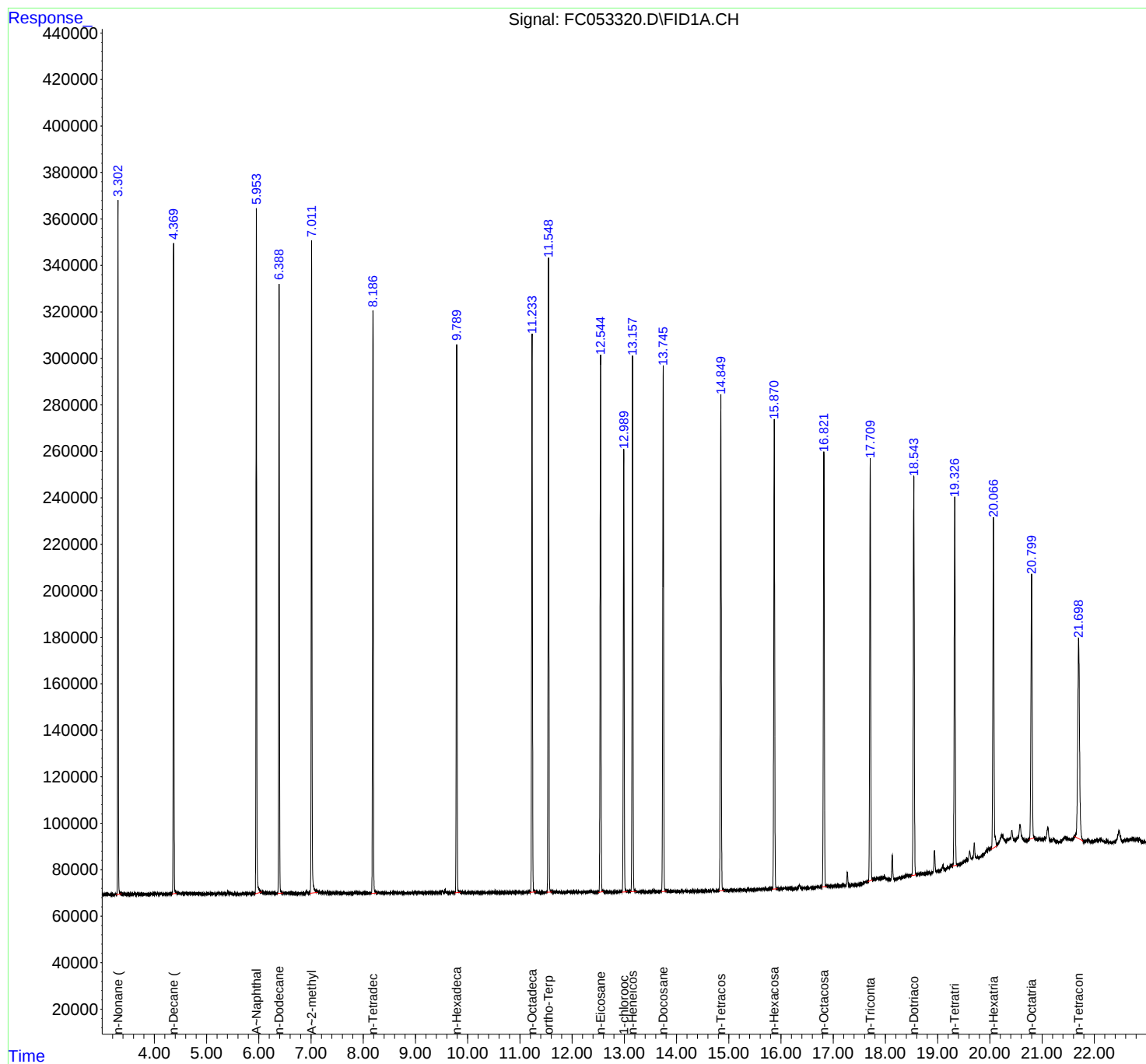
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

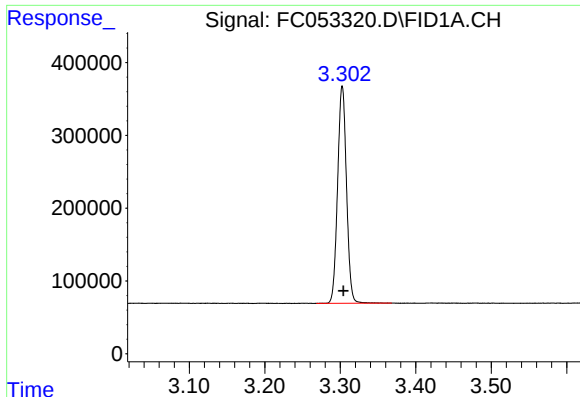
Manual Integrations
APPROVED

Ankita
4/22/2021 3:04:56 PM

Integration File: sample.E
Quant Time: Apr 22 06:38:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042021.M
Quant Title : GC Extractables
QLast Update : Wed Apr 21 11:02:12 2021
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





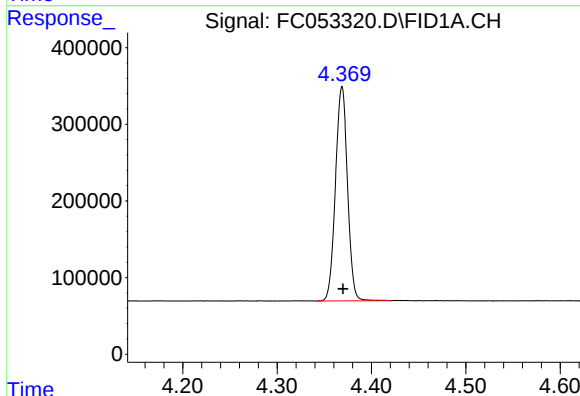
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.001 min
Response: 2443134
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

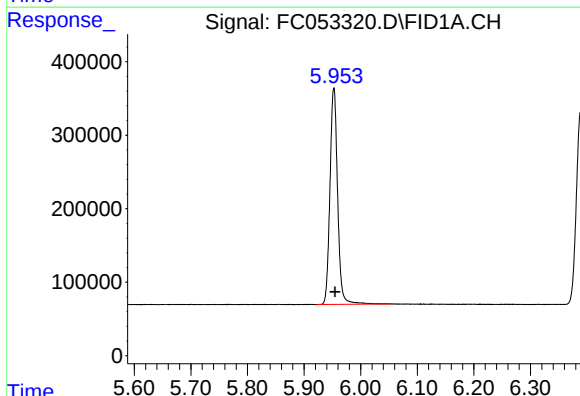
Manual Integrations
APPROVED

Ankita
4/22/2021 3:04:56 PM



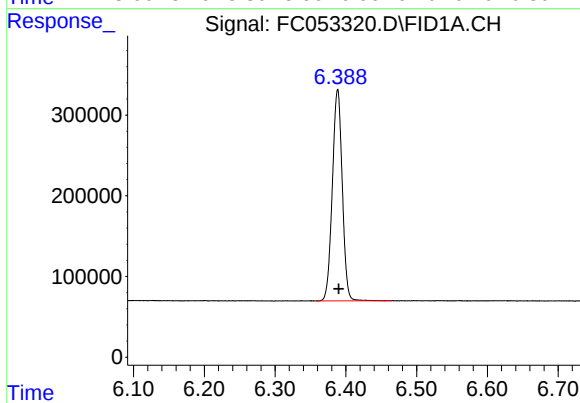
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 2474204
Conc: 21.14 ug/ml



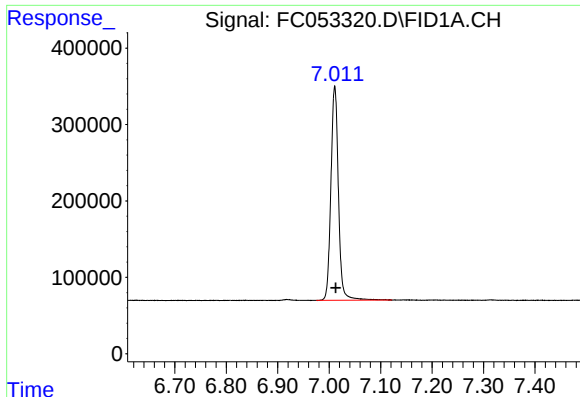
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 2771507
Conc: 21.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 2551195
Conc: 21.38 ug/ml



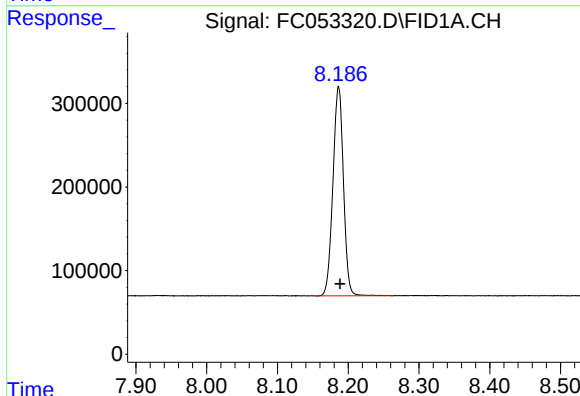
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 2850209
Conc: 21.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

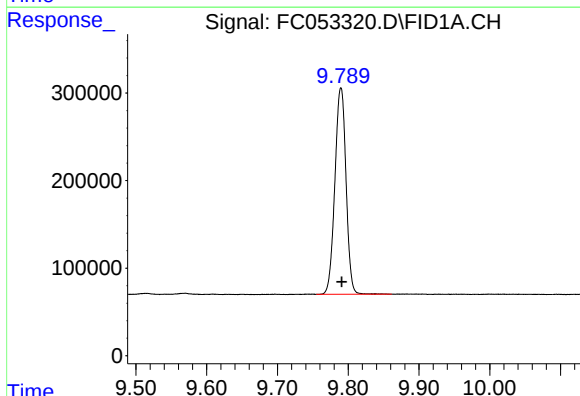
Manual Integrations
APPROVED

Ankita
4/22/2021 3:04:56 PM



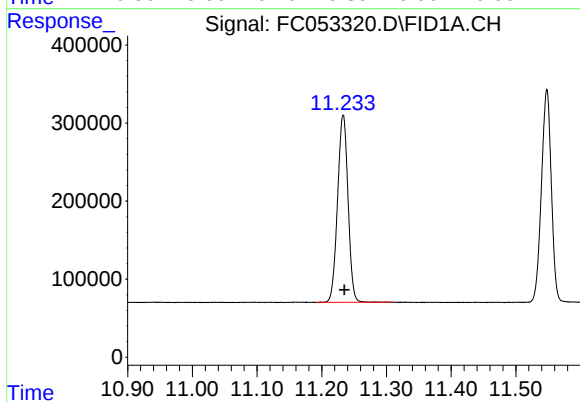
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.002 min
Response: 2592288
Conc: 21.30 ug/ml



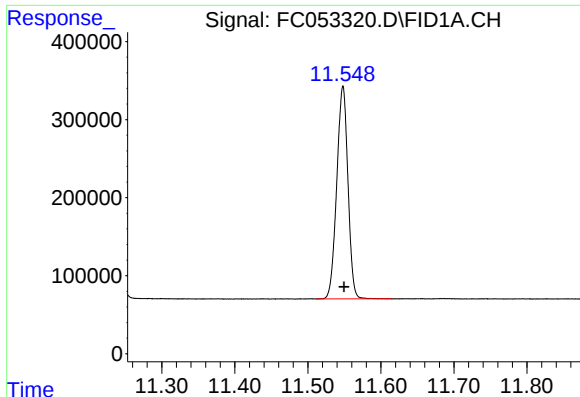
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: -0.001 min
Response: 2578495
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 2695942
Conc: 21.28 ug/ml



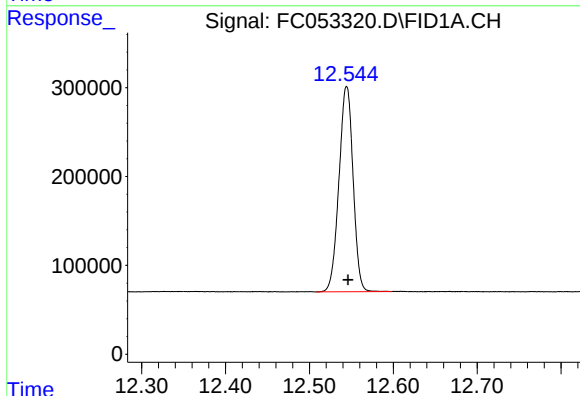
#9 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.002 min
Response: 2899294
Conc: 20.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

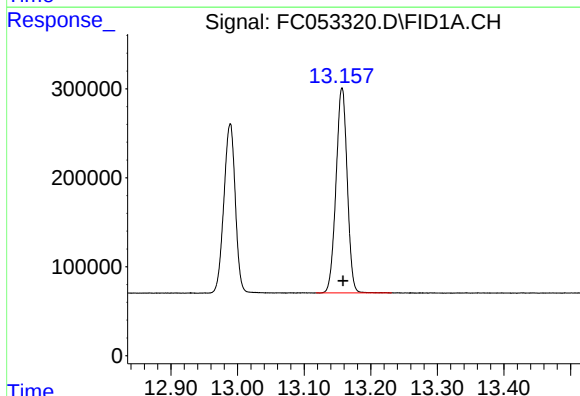
Manual Integrations
APPROVED

Ankita
4/22/2021 3:04:56 PM



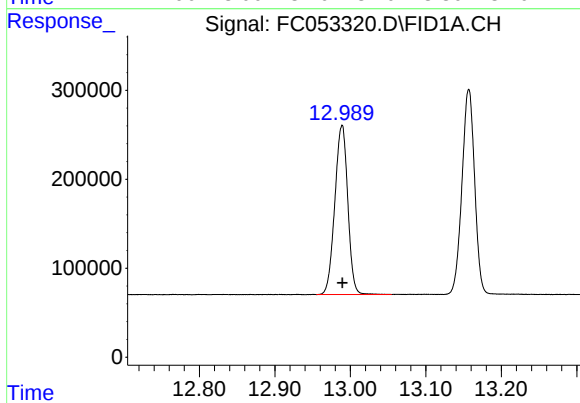
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: -0.002 min
Response: 2703943
Conc: 21.09 ug/ml



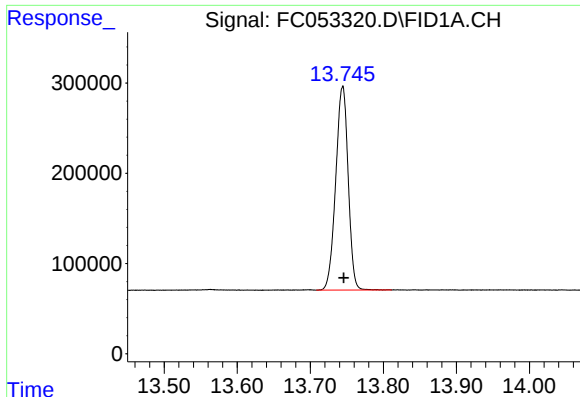
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.001 min
Response: 2690053
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 2268706
Conc: 20.96 ug/ml



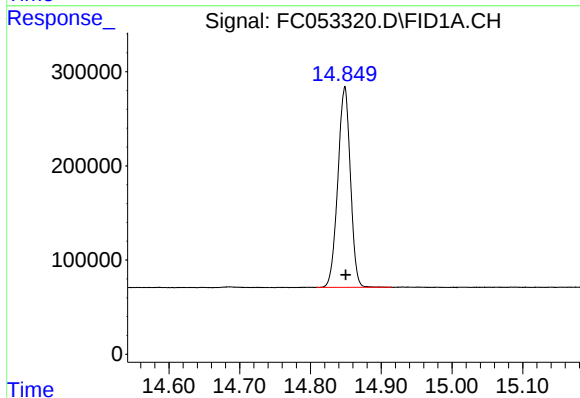
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.001 min
Response: 2672284
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

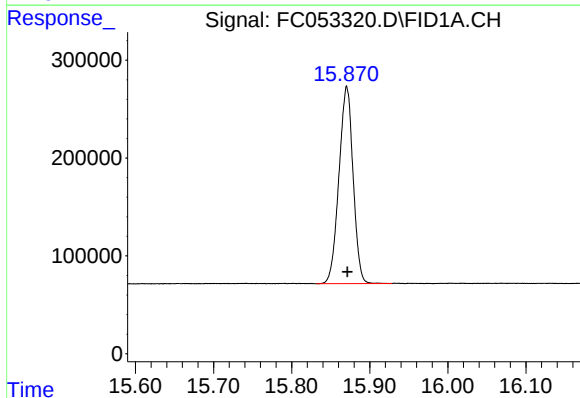
Manual Integrations
APPROVED

Ankita
4/22/2021 3:04:56 PM



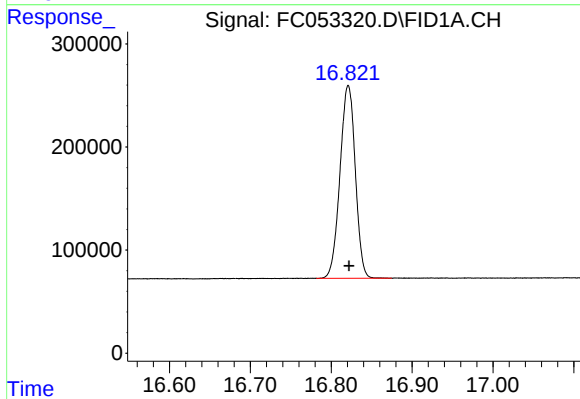
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.002 min
Response: 2625358
Conc: 20.33 ug/ml



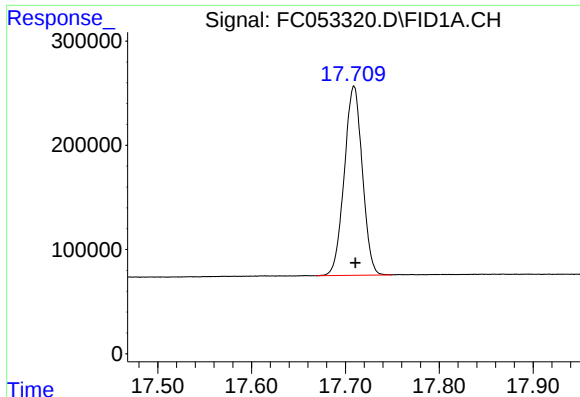
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2534584
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.001 min
Response: 2462187
Conc: 19.01 ug/ml



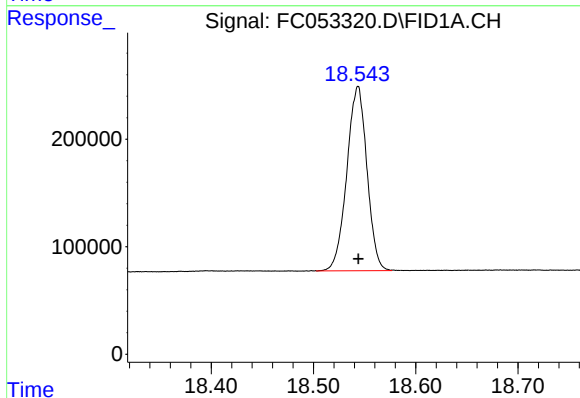
#17 n-Tricontane (C30)

R.T.: 17.709 min
Delta R.T.: -0.002 min
Response: 2424814
Conc: 18.01 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

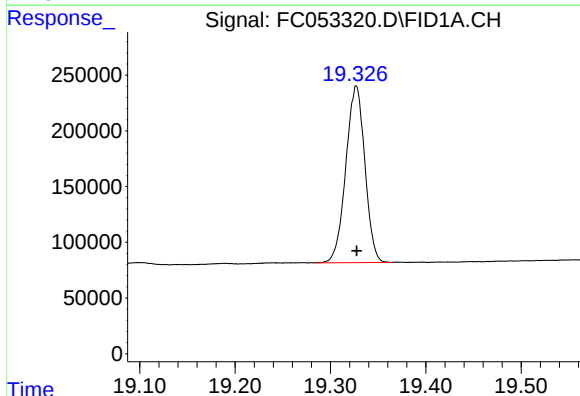
Manual Integrations
APPROVED

Ankita
4/22/2021 3:04:56 PM



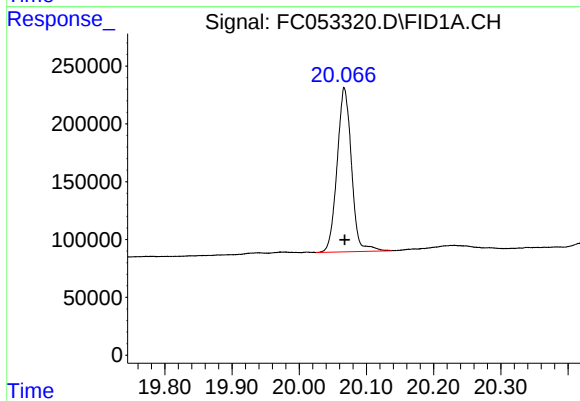
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: 0.000 min
Response: 2348844
Conc: 17.13 ug/ml m



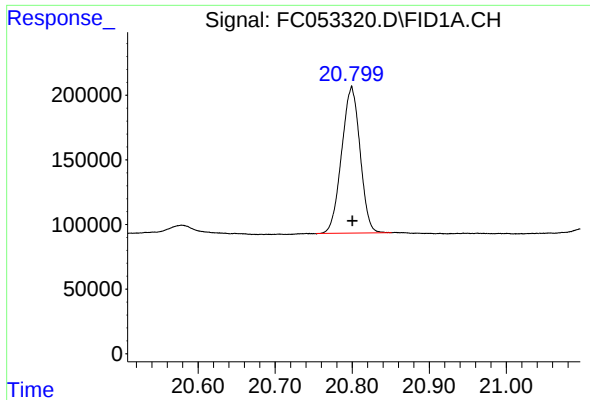
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.001 min
Response: 2199944
Conc: 16.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 2107290
Conc: 17.40 ug/ml m



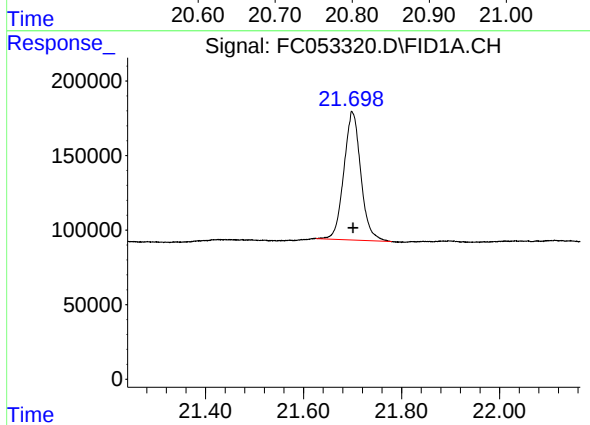
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.001 min
Response: 1878837
Conc: 17.83 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
4/22/2021 3:04:56 PM



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.004 min
Response: 2068688
Conc: 19.76 ug/ml m