

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
 Data File : FC053035.D
 Signal(s) : FID1A.CH
 Acq On : 09 Apr 2021 9:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 4/9/2021 2:39:06 PM

Integration File: autoint1.e
 Quant Time: Apr 09 10:03:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.556	2797140	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	12.995	2208787	19.117 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T n-Nonane (C9)	3.313	2527394	20.193 ug/ml
2) T n-Decane (C10)	4.379	2558578	20.323 ug/ml
3) T A~Naphthalene (C11.7)	5.965	2835159	20.353 ug/ml
4) T n-Dodecane (C12)	6.399	2618768	20.447 ug/ml
5) T A~2-methylnaphthalene...	7.023	2897083	20.495 ug/ml
6) T n-Tetradecane (C14)	8.196	2620728	20.368 ug/ml
7) T n-Hexadecane (C16)	9.798	2576411	20.151 ug/ml
8) T n-Octadecane (C18)	11.241	2670383	19.746 ug/ml
10) T n-Eicosane (C20)	12.551	2643447	19.245 ug/ml
11) T n-Heneicosane (C21)	13.162	2610147	18.996 ug/ml
13) T n-Docosane (C22)	13.749	2576756	18.694 ug/ml
14) T n-Tetracosane (C24)	14.852	2490877	18.066 ug/ml
15) T n-Hexacosane (C26)	15.873	2377299	17.531 ug/ml
16) T n-Octacosane (C28)	16.822	2268424	17.018 ug/ml
17) T n-Tricontane (C30)	17.709	2184611	17.022 ug/ml
18) T n-Dotriacontane (C32)	18.542	2090965	17.502 ug/ml
19) T n-Tetratriacontane (C34)	19.324	2025013	18.284 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1989471	19.715 ug/ml
21) T n-Octatriacontane (C38)	20.795	1860371	20.882 ug/ml
22) T n-Tetracontane (C40)	21.698	1969118	24.597 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
Data File : FC053035.D
Signal(s) : FID1A.CH
Acq On : 09 Apr 2021 9:28
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

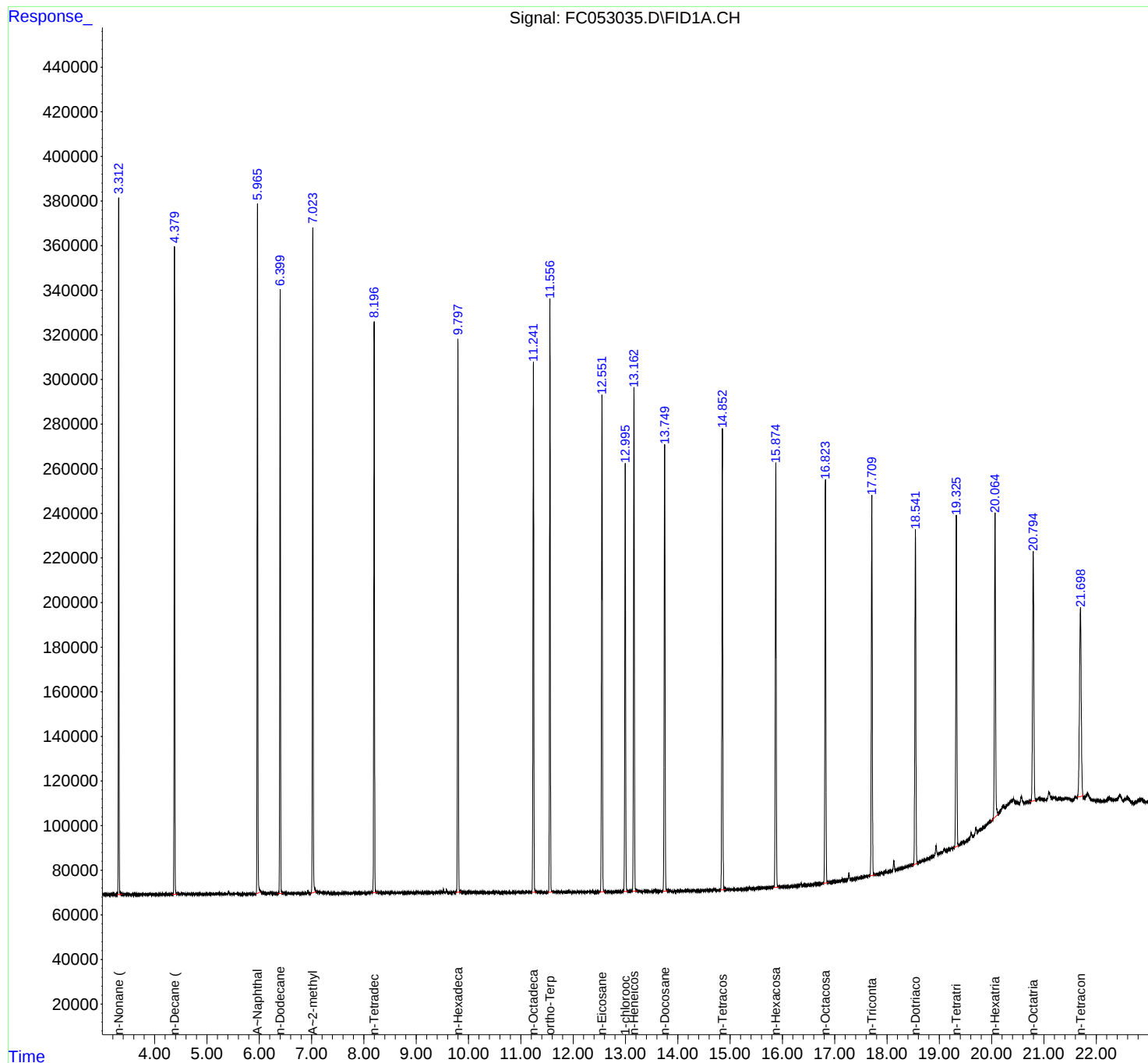
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

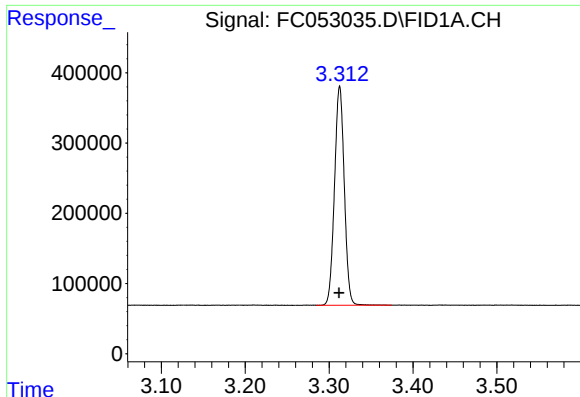
Manual Integrations
APPROVED

Ankita
4/9/2021 2:39:06 PM

Integration File: autoint1.e
Quant Time: Apr 09 10:03:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040821.M
Quant Title : GC Extractables
QLast Update : Fri Apr 09 09:23:51 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





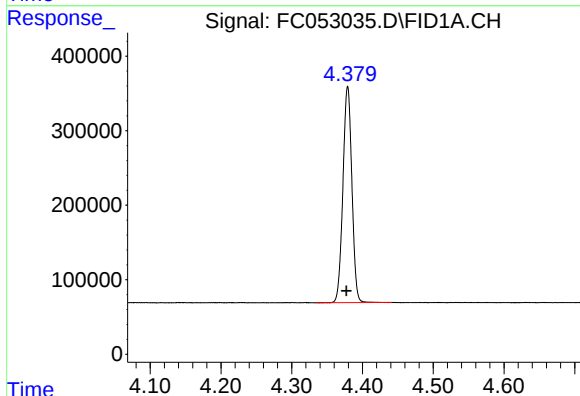
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2527394
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

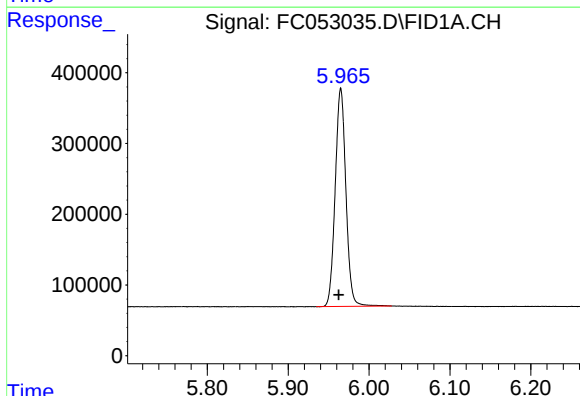
Manual Integrations
APPROVED

Ankita
4/9/2021 2:39:06 PM



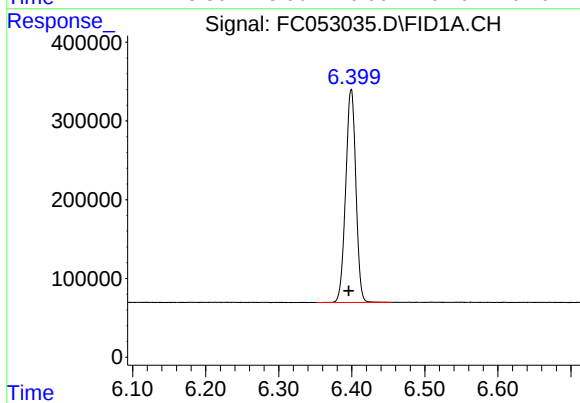
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.002 min
Response: 2558578
Conc: 20.32 ug/ml



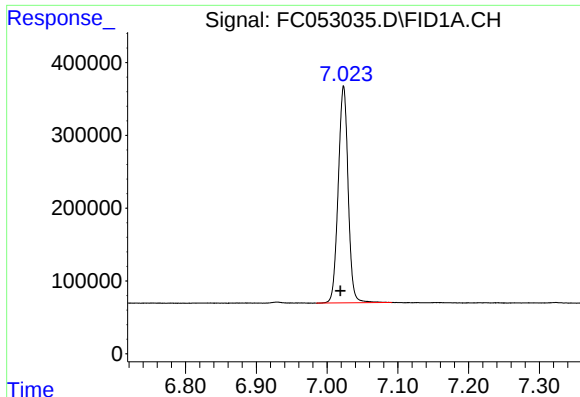
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 2835159
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: 0.003 min
Response: 2618768
Conc: 20.45 ug/ml



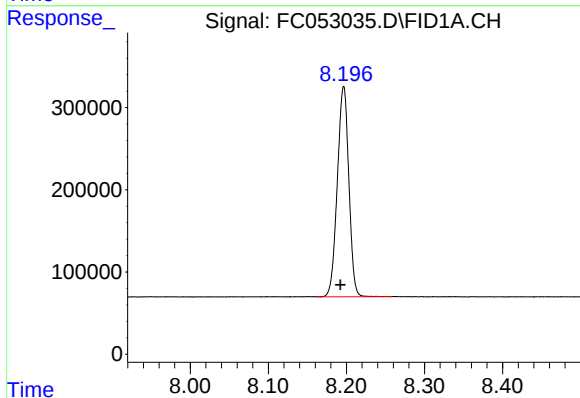
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 2897083
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

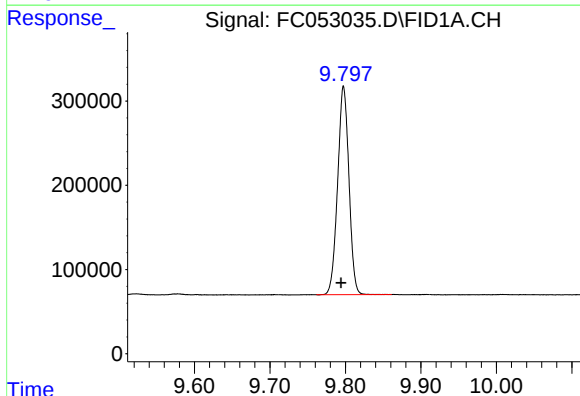
Manual Integrations
APPROVED

Ankita
4/9/2021 2:39:06 PM



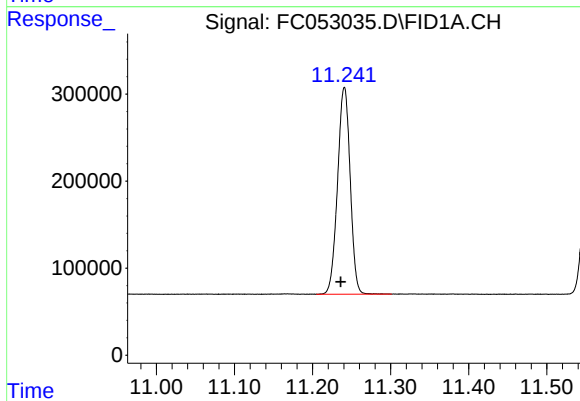
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: 0.004 min
Response: 2620728
Conc: 20.37 ug/ml



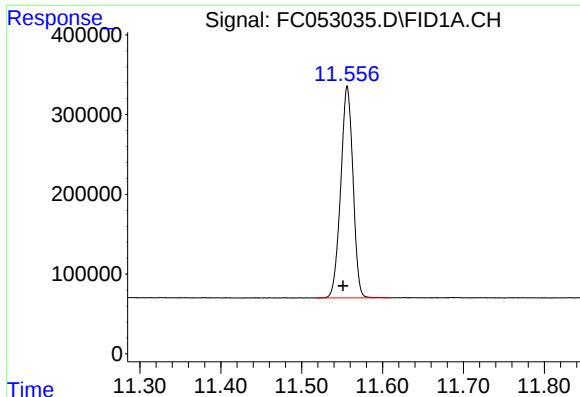
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.003 min
Response: 2576411
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: 0.005 min
Response: 2670383
Conc: 19.75 ug/ml



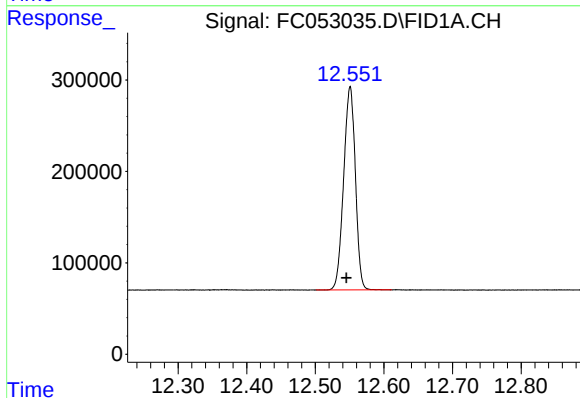
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: 0.005 min
Response: 2797140
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

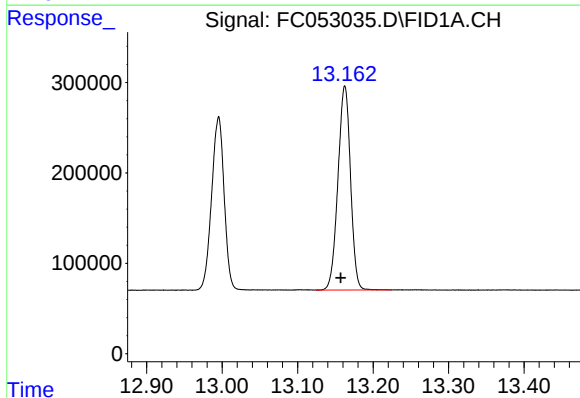
Manual Integrations
APPROVED

Ankita
4/9/2021 2:39:06 PM



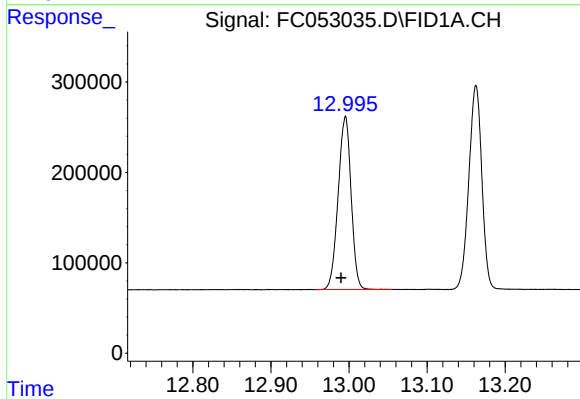
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: 0.005 min
Response: 2643447
Conc: 19.25 ug/ml



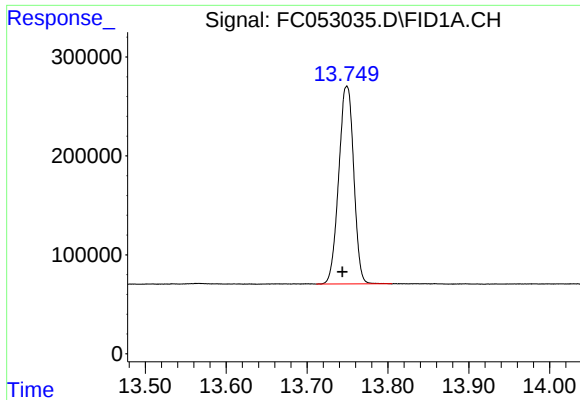
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: 0.005 min
Response: 2610147
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: 0.005 min
Response: 2208787
Conc: 19.12 ug/ml



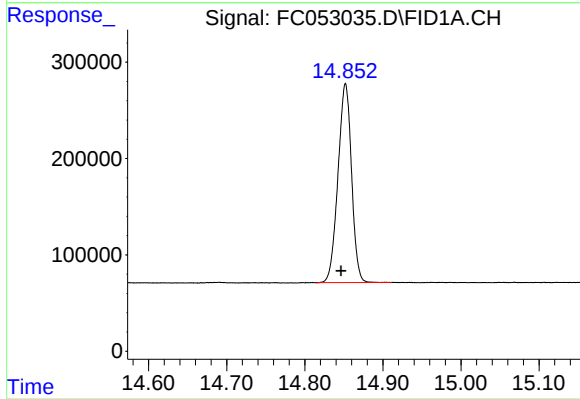
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: 0.006 min
Response: 2576756
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

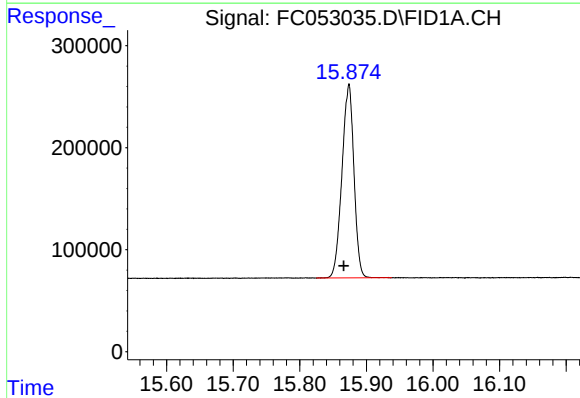
Manual Integrations
APPROVED

Ankita
4/9/2021 2:39:06 PM



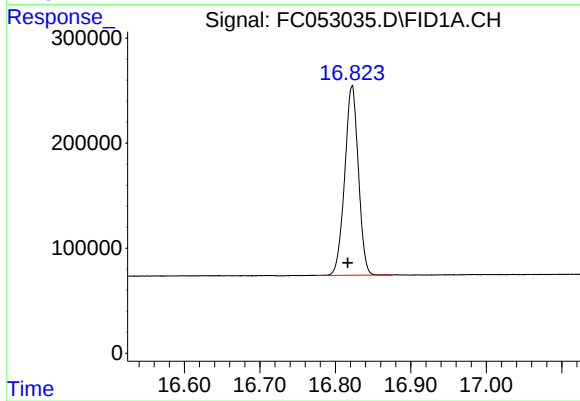
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: 0.005 min
Response: 2490877
Conc: 18.07 ug/ml



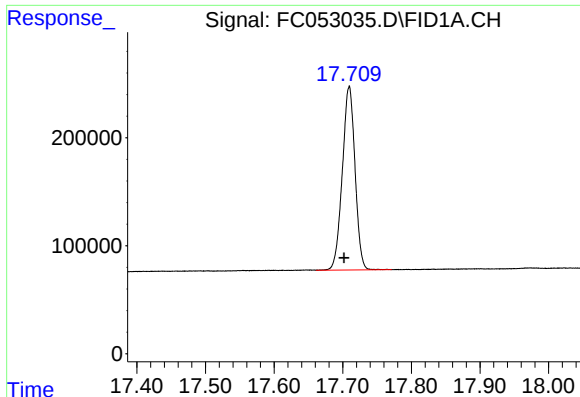
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: 0.007 min
Response: 2377299
Conc: 17.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: 0.006 min
Response: 2268424
Conc: 17.02 ug/ml



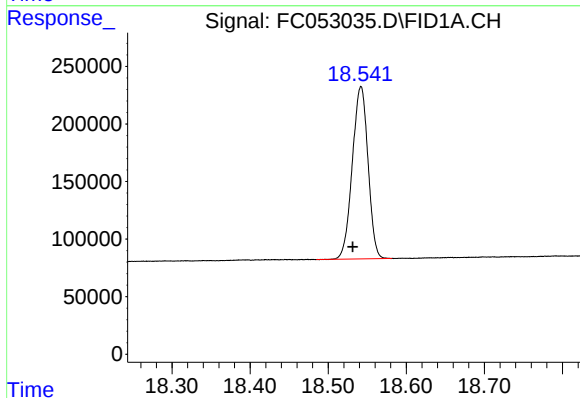
#17 n-Tricontane (C30)

R.T.: 17.709 min
Delta R.T.: 0.007 min
Response: 2184611
Conc: 17.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

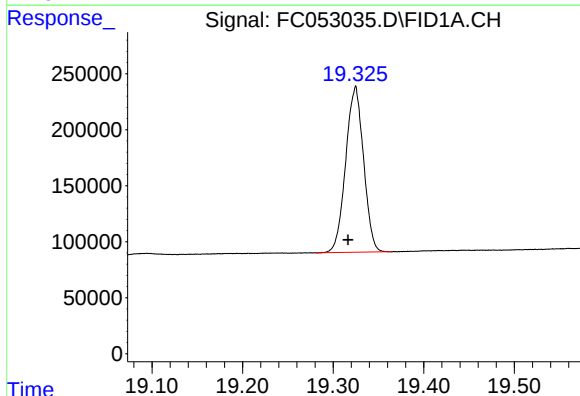
Manual Integrations
APPROVED

Ankita
4/9/2021 2:39:06 PM



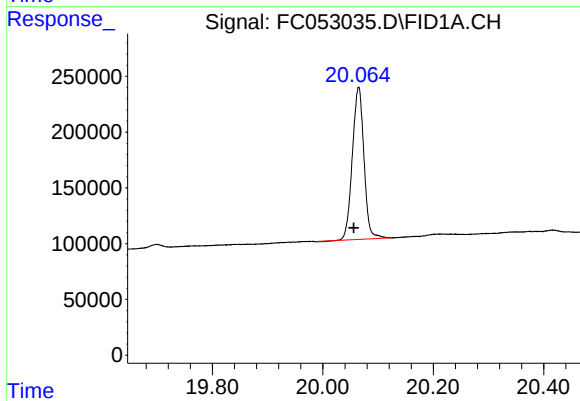
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.010 min
Response: 2090965
Conc: 17.50 ug/ml



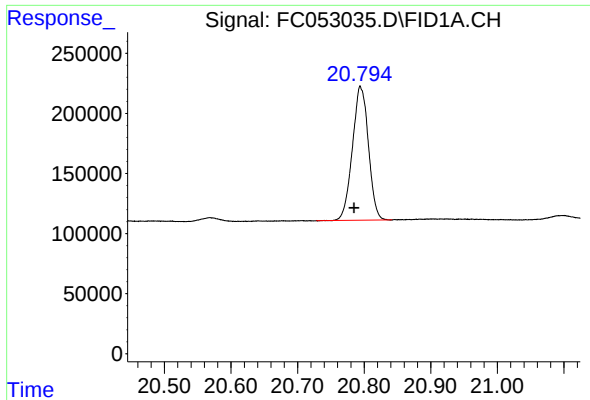
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.008 min
Response: 2025013
Conc: 18.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: 0.009 min
Response: 1989471
Conc: 19.72 ug/ml



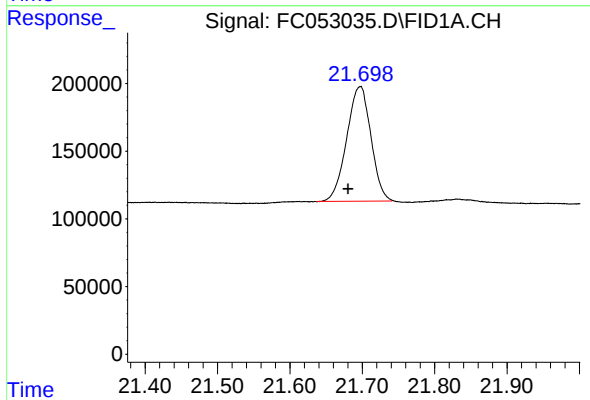
#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: 0.010 min
Response: 1860371
Conc: 20.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
4/9/2021 2:39:06 PM



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.018 min
Response: 1969118
Conc: 24.60 ug/ml m