

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060921AL\
 Data File : FC054172.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2021 7:31
 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
 6/10/2021 3:16:16 PM

Integration File: autoint1.e
 Quant Time: Jun 10 08:01:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.353	2791700	19.994 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
12) S 1-chlorooctadecane (S...	12.797	2164707	19.307 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.162	2595459	21.968 ug/ml
2) T n-Decane (C10)	4.218	2658320	22.303 ug/ml
3) T A~Naphthalene (C11.7)	5.785	2921441	22.338 ug/ml
4) T n-Dodecane (C12)	6.227	2717133	22.133 ug/ml
5) T A~2-methylnaphthalene...	6.838	2973254	22.273 ug/ml
6) T n-Tetradecane (C14)	8.015	2726473	21.980 ug/ml
7) T n-Hexadecane (C16)	9.610	2667673	21.411 ug/ml
8) T n-Octadecane (C18)	11.049	2709235	20.569 ug/ml
10) T n-Eicosane (C20)	12.356	2655116	19.809 ug/ml
11) T n-Heneicosane (C21)	12.967	2587078	19.289 ug/ml
13) T n-Docosane (C22)	13.552	2560777	19.053 ug/ml
14) T n-Tetracosane (C24)	14.654	2515574	18.736 ug/ml
15) T n-Hexacosane (C26)	15.674	2427473	18.315 ug/ml
16) T n-Octacosane (C28)	16.623	2458139	18.617 ug/ml
17) T n-Tricontane (C30)	17.509	2541869	19.386 ug/ml
18) T n-Dotriacontane (C32)	18.342	2565822	19.890 ug/ml
19) T n-Tetratriacontane (C34)	19.125	2476770	20.302 ug/ml
20) T n-Hexatriacontane (C36)	19.864	2324593	20.590 ug/ml
21) T n-Octatriacontane (C38)	20.572	2188511	21.705 ug/mlm
22) T n-Tetracontane (C40)	21.402	2219180	21.989 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060921AL\
Data File : FC054172.D
Signal(s) : FID1A.CH
Acq On : 10 Jun 2021 7:31
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

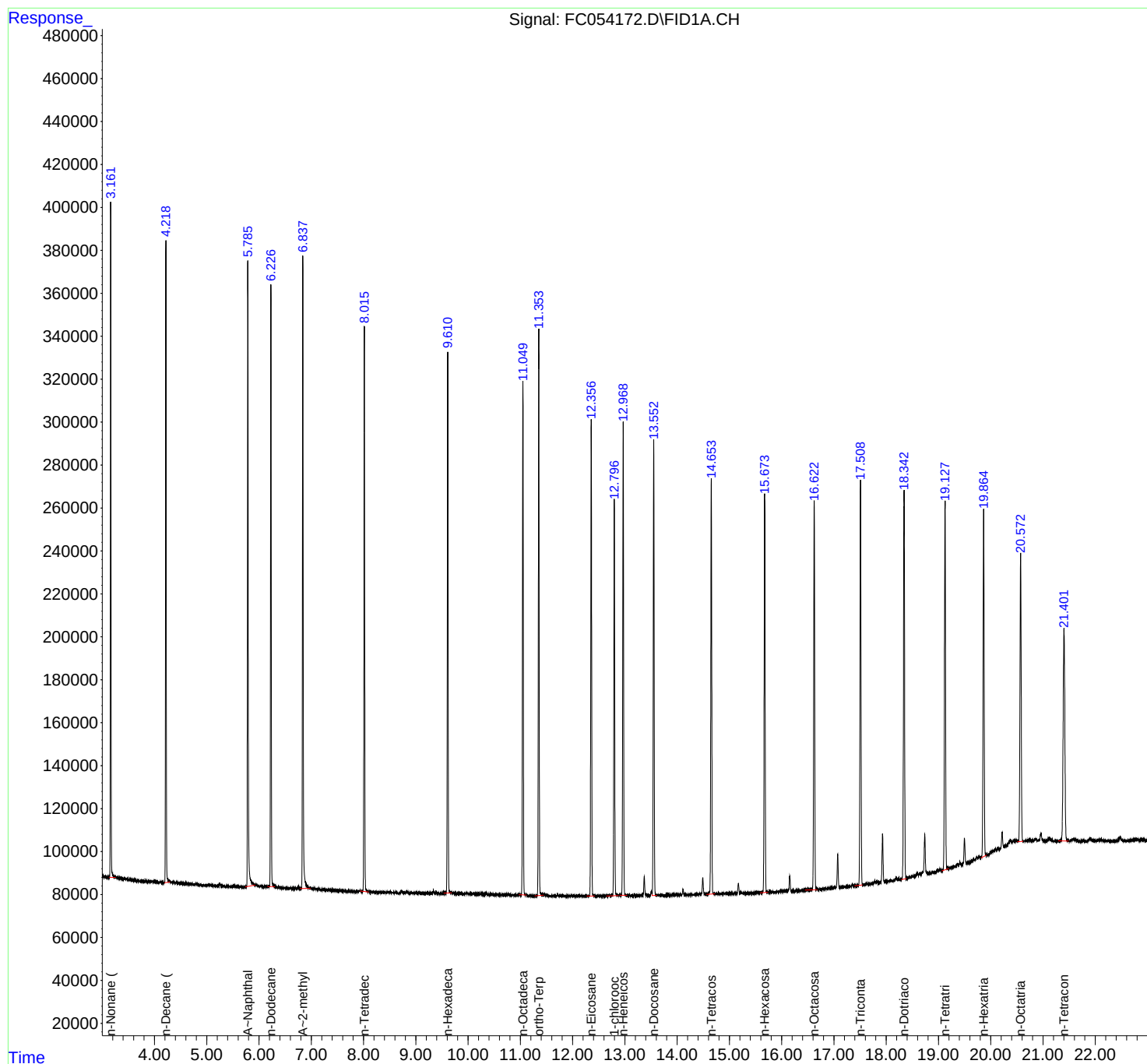
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

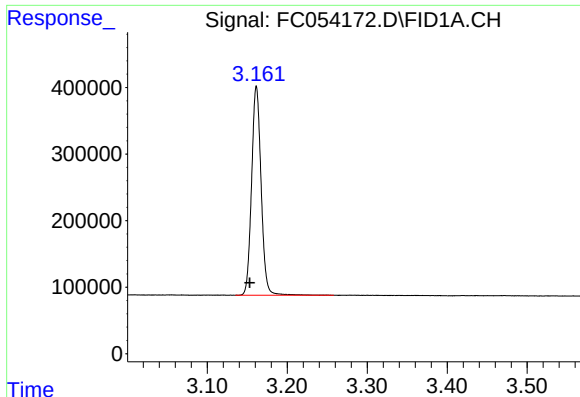
Manual Integrations
APPROVED

Ankita
6/10/2021 3:16:16 PM

Integration File: autoint1.e
Quant Time: Jun 10 08:01:27 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052721.M
Quant Title : GC Extractables
QLast Update : Fri May 28 09:04:47 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





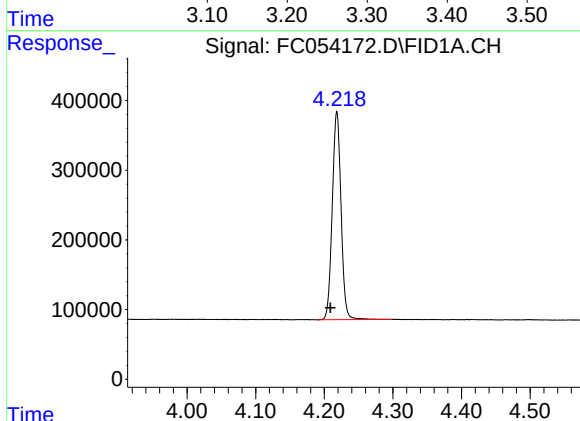
#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 2595459
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

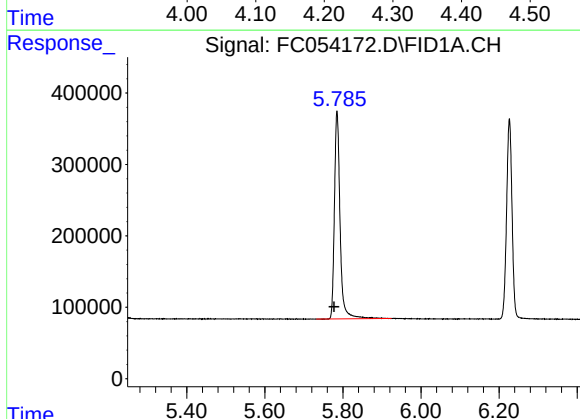
Manual Integrations
APPROVED

Ankita
6/10/2021 3:16:16 PM



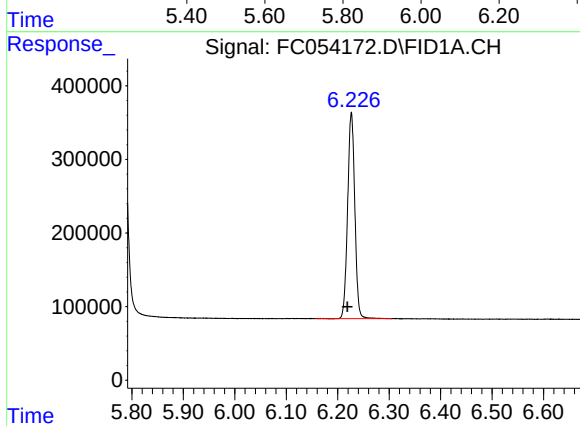
#2 n-Decane (C10)

R.T.: 4.218 min
Delta R.T.: 0.009 min
Response: 2658320
Conc: 22.30 ug/ml



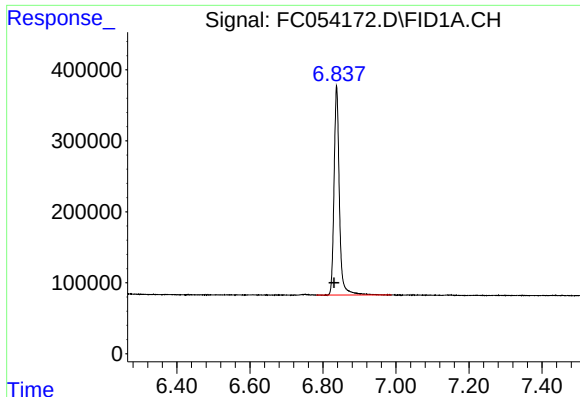
#3 A~Naphthalene (C11.7)

R.T.: 5.785 min
Delta R.T.: 0.007 min
Response: 2921441
Conc: 22.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.227 min
Delta R.T.: 0.008 min
Response: 2717133
Conc: 22.13 ug/ml



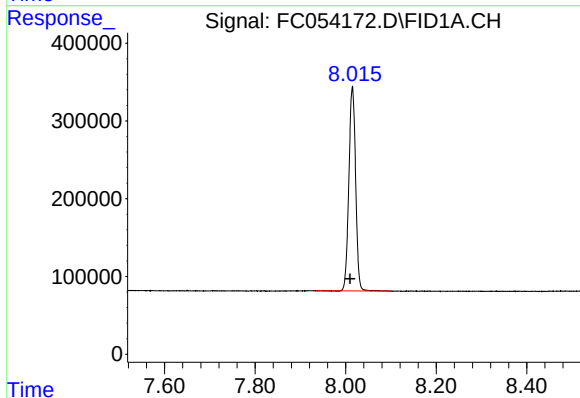
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.838 min
Delta R.T.: 0.007 min
Response: 2973254
Conc: 22.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

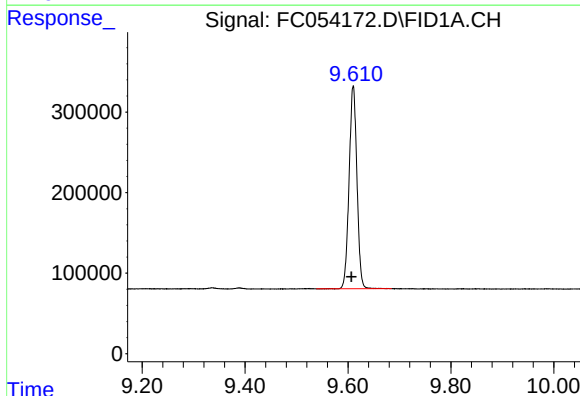
Manual Integrations
APPROVED

Ankita
6/10/2021 3:16:16 PM



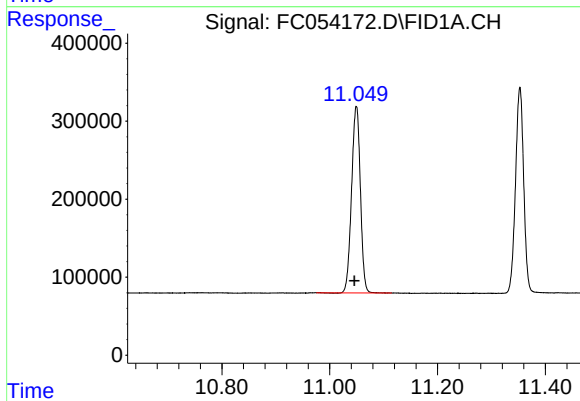
#6 n-Tetradecane (C14)

R.T.: 8.015 min
Delta R.T.: 0.005 min
Response: 2726473
Conc: 21.98 ug/ml



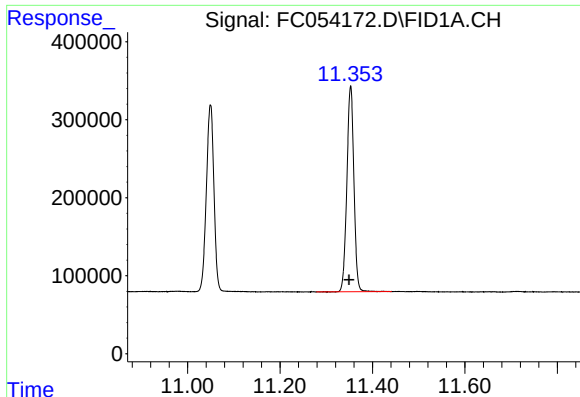
#7 n-Hexadecane (C16)

R.T.: 9.610 min
Delta R.T.: 0.003 min
Response: 2667673
Conc: 21.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.049 min
Delta R.T.: 0.003 min
Response: 2709235
Conc: 20.57 ug/ml



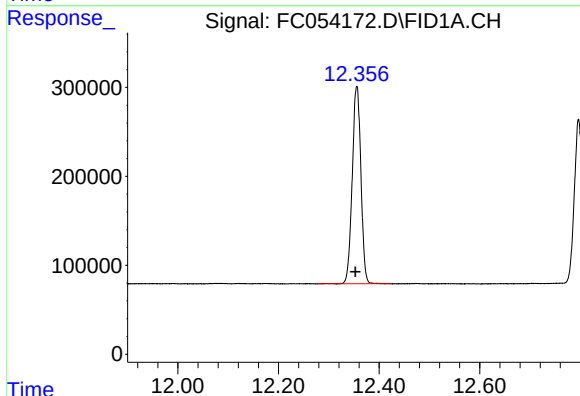
#9 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.004 min
Response: 2791700
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

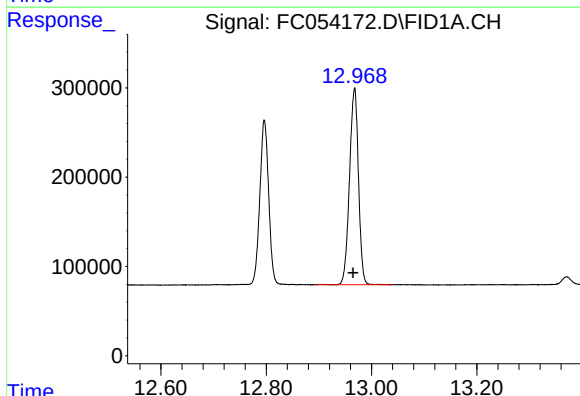
Manual Integrations
APPROVED

Ankita
6/10/2021 3:16:16 PM



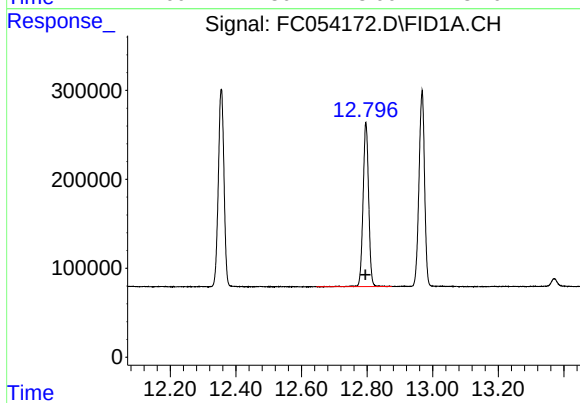
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: 0.002 min
Response: 2655116
Conc: 19.81 ug/ml



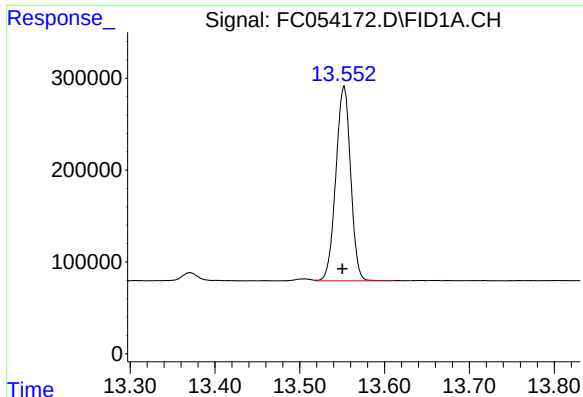
#11 n-Heneicosane (C21)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 2587078
Conc: 19.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.797 min
Delta R.T.: 0.001 min
Response: 2164707
Conc: 19.31 ug/ml



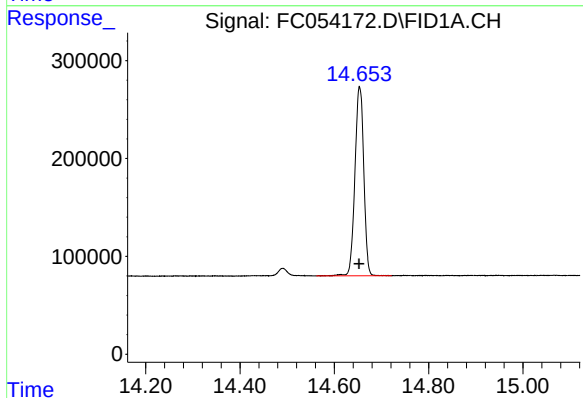
#13 n-Docosane (C22)

R.T.: 13.552 min
Delta R.T.: 0.001 min
Response: 2560777
Conc: 19.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

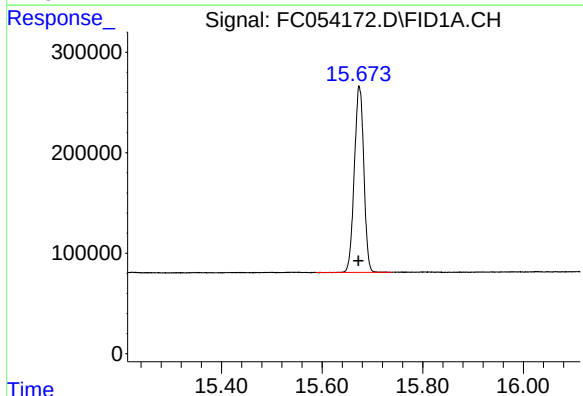
Manual Integrations
APPROVED

Ankita
6/10/2021 3:16:16 PM



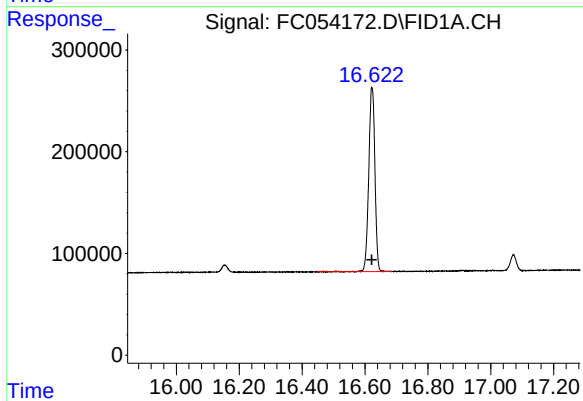
#14 n-Tetracosane (C24)

R.T.: 14.654 min
Delta R.T.: 0.002 min
Response: 2515574
Conc: 18.74 ug/ml



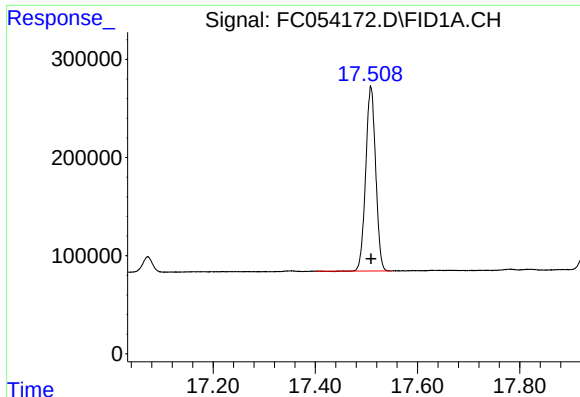
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.002 min
Response: 2427473
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.623 min
Delta R.T.: 0.000 min
Response: 2458139
Conc: 18.62 ug/ml



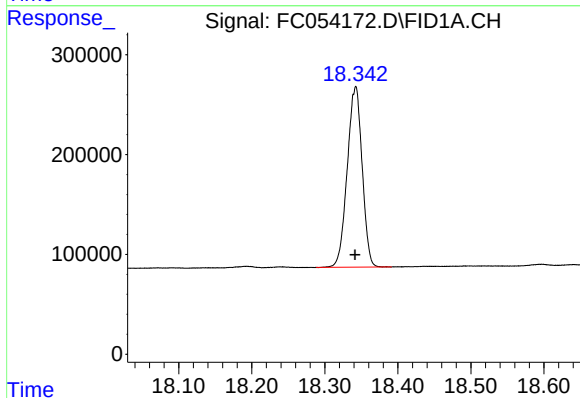
#17 n-Tricontane (C30)

R.T.: 17.509 min
Delta R.T.: 0.000 min
Response: 2541869
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

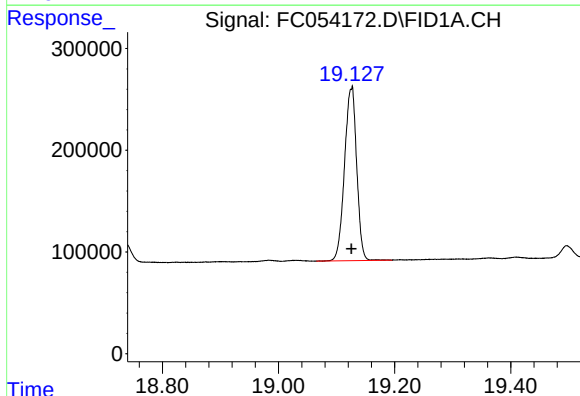
Manual Integrations
APPROVED

Ankita
6/10/2021 3:16:16 PM



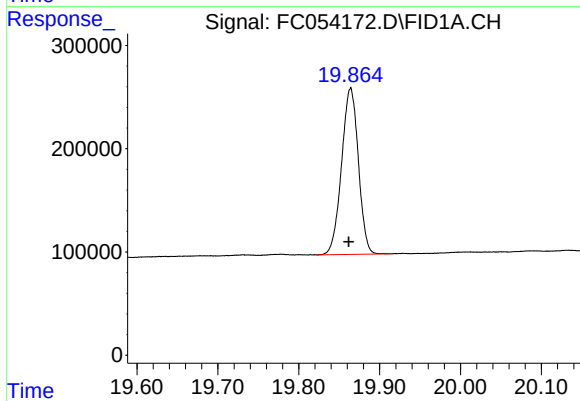
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: 0.000 min
Response: 2565822
Conc: 19.89 ug/ml



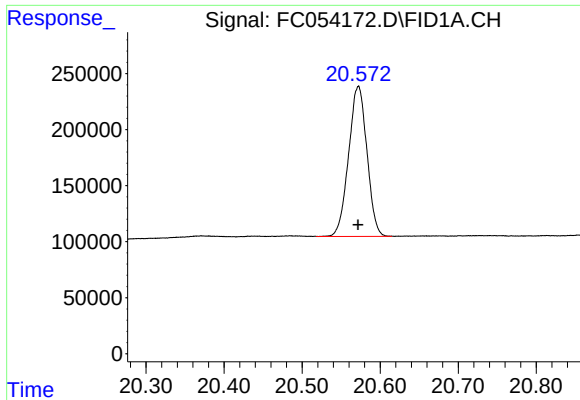
#19 n-Tetratriacontane (C34)

R.T.: 19.125 min
Delta R.T.: 0.000 min
Response: 2476770
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.864 min
Delta R.T.: 0.002 min
Response: 2324593
Conc: 20.59 ug/ml



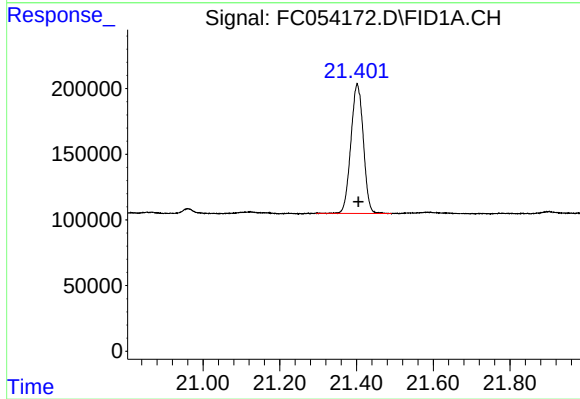
#21 n-Octatriacontane (C38)

R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 2188511
Conc: 21.70 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
6/10/2021 3:16:16 PM



#22 n-Tetracontane (C40)

R.T.: 21.402 min
Delta R.T.: -0.004 min
Response: 2219180
Conc: 21.99 ug/ml