

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056521.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2021 4:18
 Operator : AJ\MA
 Sample : M4388-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 72-12002MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
 Quant Time: Oct 30 05:20:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.626	3664792	29.598 ug/mlm
Spiked Amount 50.000		Recovery =	59.20%
12) S 1-chlorooctadecane (S...	13.058	4599740	47.803 ug/mlm
Spiked Amount 50.000		Recovery =	95.61%
Target Compounds			
1) T n-Nonane (C9)	3.381	2249889	20.787 ug/ml
2) T n-Decane (C10)	4.448	2550097	23.674 ug/ml
3) T A~Naphthalene (C11.7)	6.038	2856730	23.431 ug/ml
4) T n-Dodecane (C12)	6.465	2840503	25.767 ug/ml
5) T A~2-methylnaphthalene...	7.095	2978570	24.323 ug/ml
6) T n-Tetradecane (C14)	8.262	3291610	29.319 ug/ml
7) T n-Hexadecane (C16)	9.862	3496149	30.752 ug/mlm
8) T n-Octadecane (C18)	11.304	3505367	29.997 ug/mlm
10) T n-Eicosane (C20)	12.614	3555218	30.934 ug/mlm
11) T n-Heneicosane (C21)	13.221	3481130	30.291 ug/mlm
13) T n-Docosane (C22)	13.806	3531584	31.368 ug/ml
14) T n-Tetracosane (C24)	14.910	9455649	85.802 ug/ml
15) T n-Hexacosane (C26)	15.928	4170219	39.511 ug/mlm
16) T n-Octacosane (C28)	16.871	3977112	38.342 ug/ml
17) T n-Tricontane (C30)	17.757	3282290	31.680 ug/ml
18) T n-Dotriacontane (C32)	18.583	3255242	33.977 ug/mlm
19) T n-Tetratriacontane (C34)	19.364	2870586	32.728 ug/ml
20) T n-Hexatriacontane (C36)	20.099	2748373	33.578 ug/ml
21) T n-Octatriacontane (C38)	20.837	2564162	32.061 ug/ml
22) T n-Tetracontane (C40)	21.754	2858431	34.694 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
Data File : FC056521.D
Signal(s) : FID1A.CH
Acq On : 30 Oct 2021 4:18
Operator : AJ\MA
Sample : M4388-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

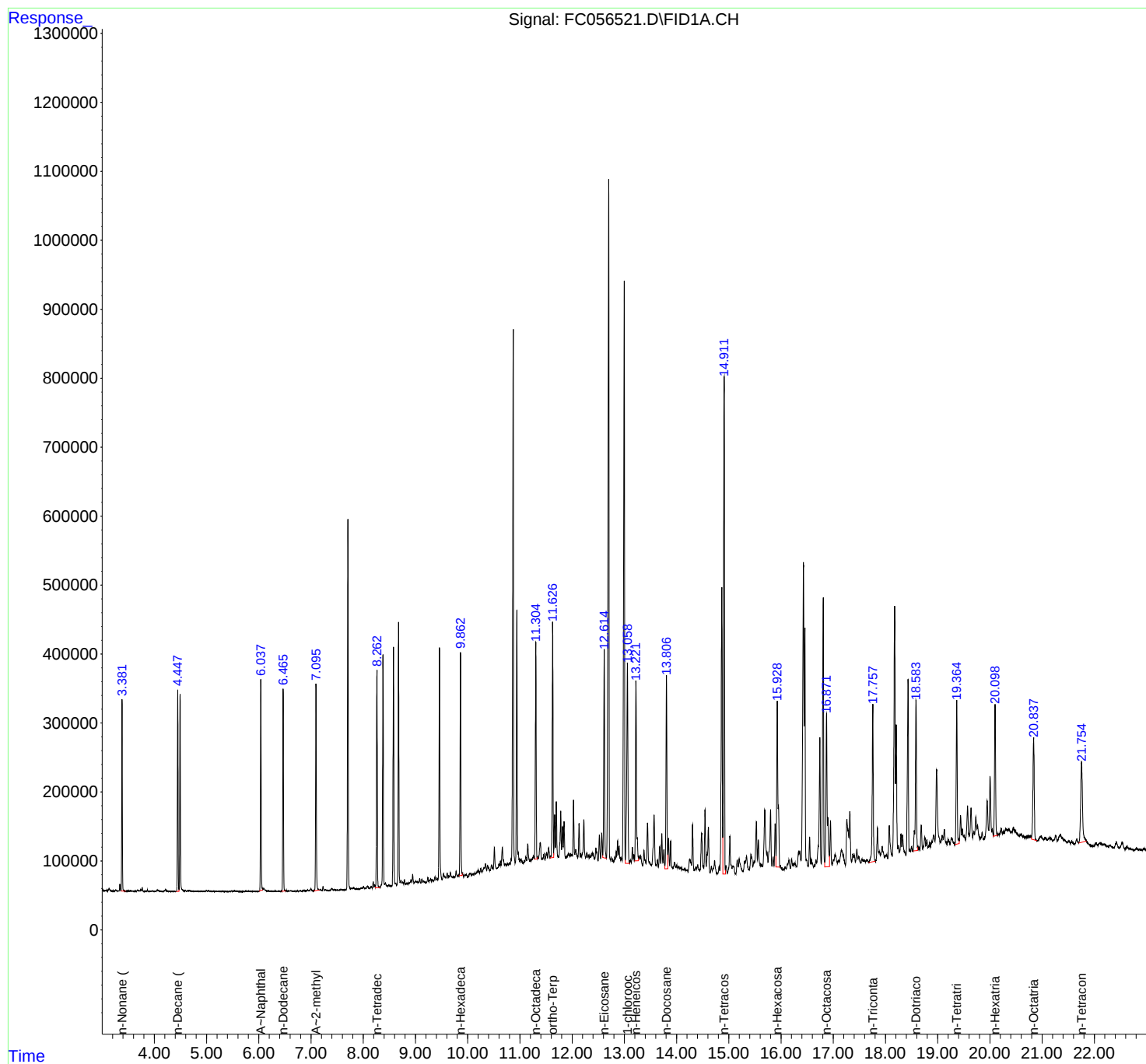
Instrument :
FID_C
ClientSampleId :
72-12002MS

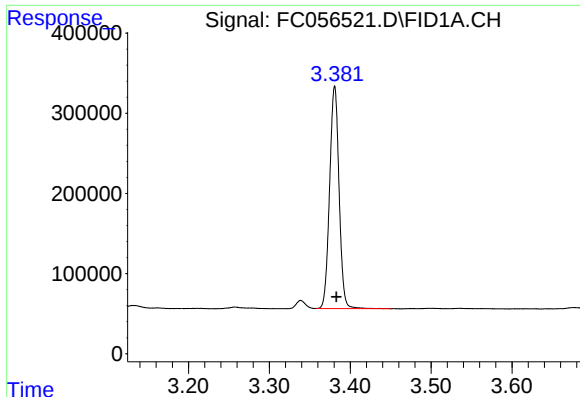
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
Quant Time: Oct 30 05:20:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
Quant Title : GC Extractables
QLast Update : Thu Oct 21 01:00:25 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





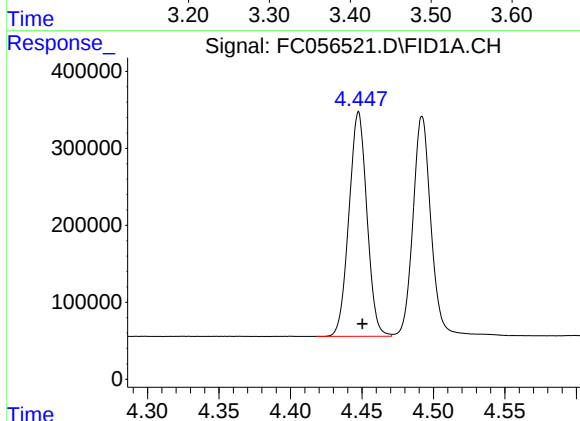
#1 n-Nonane (C9)

R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 2249889
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :
72-12002MS

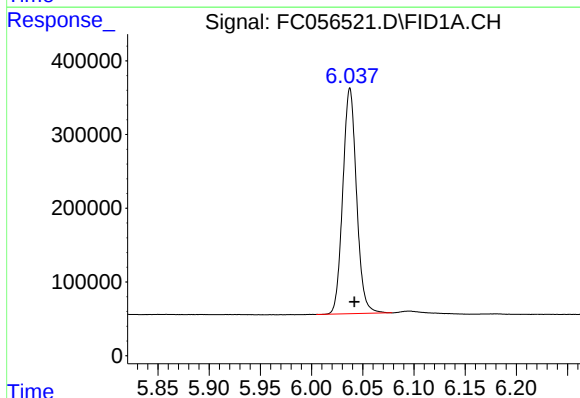
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



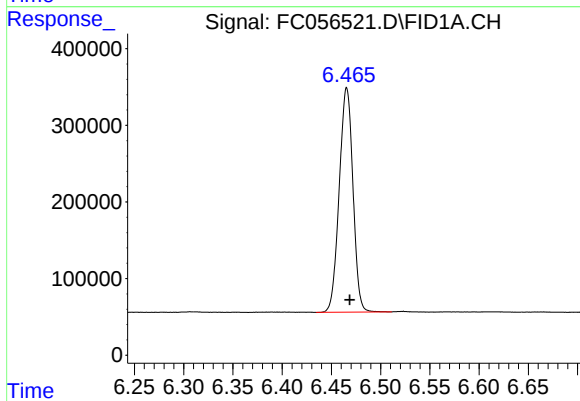
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.003 min
Response: 2550097
Conc: 23.67 ug/ml



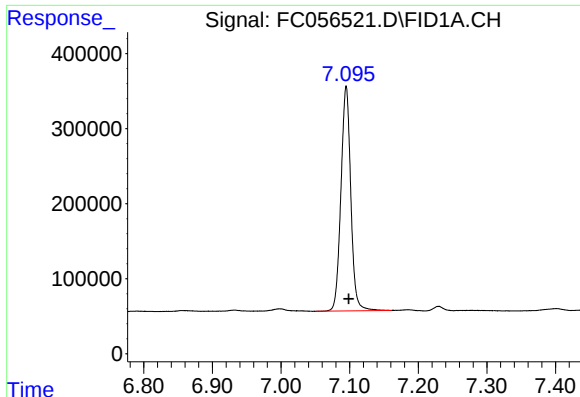
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 2856730
Conc: 23.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 2840503
Conc: 25.77 ug/ml



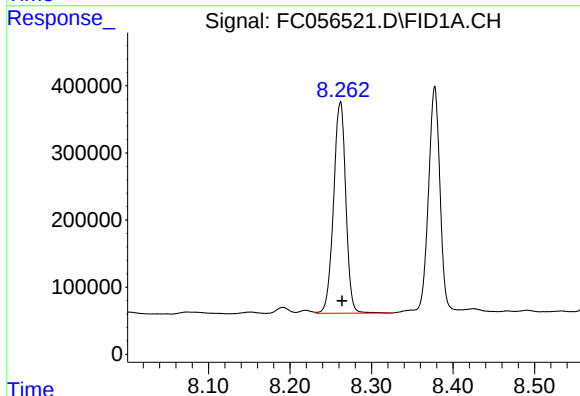
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 2978570
Conc: 24.32 ug/ml

Instrument :
FID_C
ClientSampleId :
72-12002MS

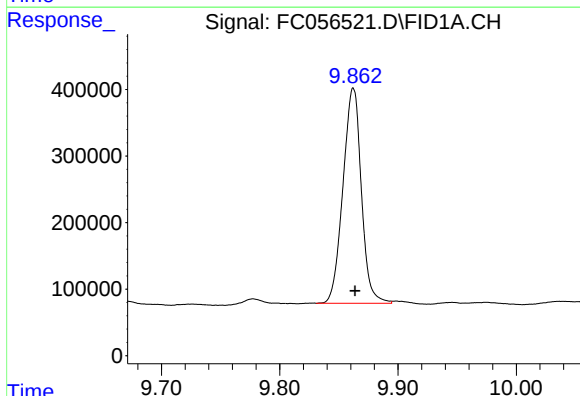
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



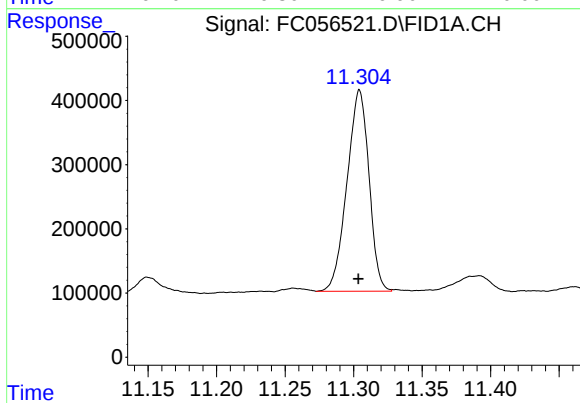
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 3291610
Conc: 29.32 ug/ml



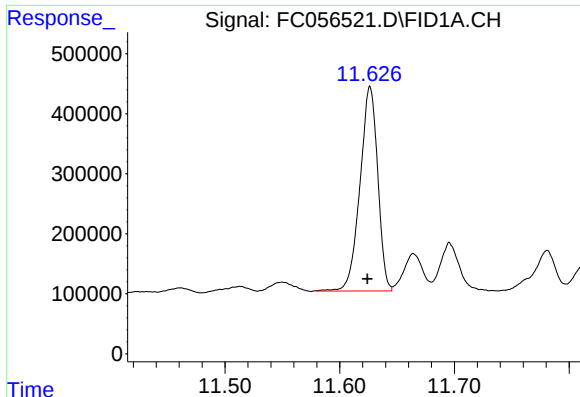
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 3496149
Conc: 30.75 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 3505367
Conc: 30.00 ug/ml m



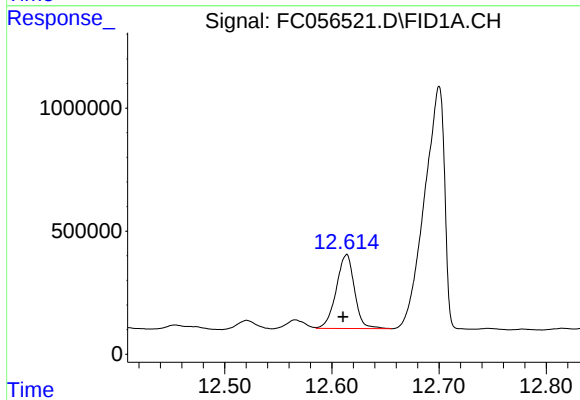
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 3664792
Conc: 29.60 ug/ml

Instrument :
FID_C
ClientSampleId :
72-12002MS

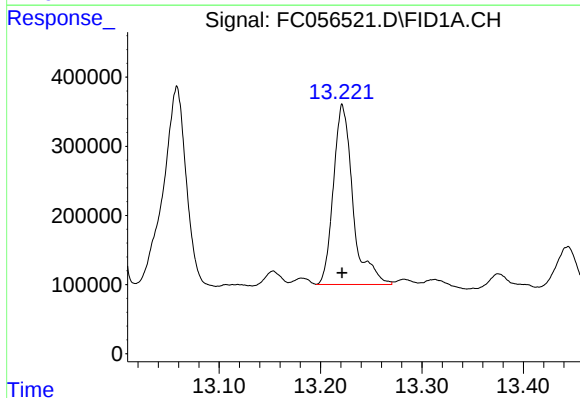
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



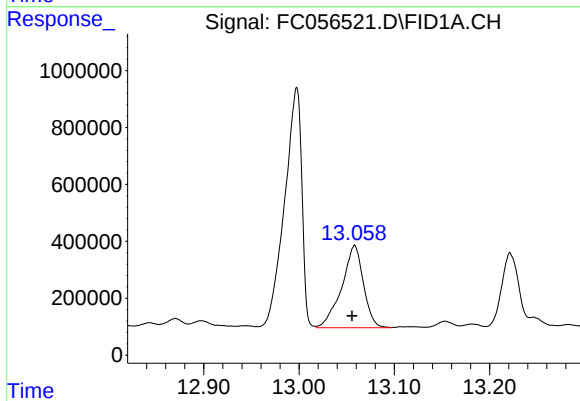
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: 0.004 min
Response: 3555218
Conc: 30.93 ug/ml m



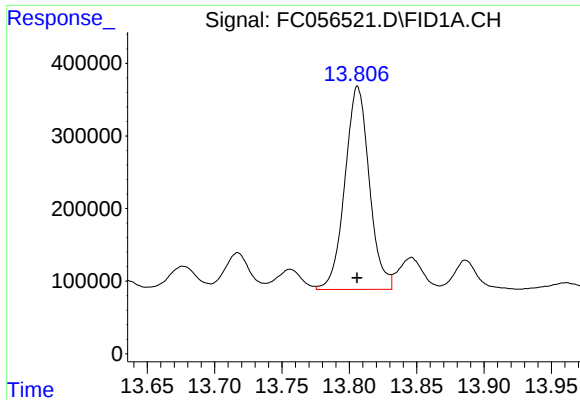
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: 0.000 min
Response: 3481130
Conc: 30.29 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.058 min
Delta R.T.: 0.002 min
Response: 4599740
Conc: 47.80 ug/ml m



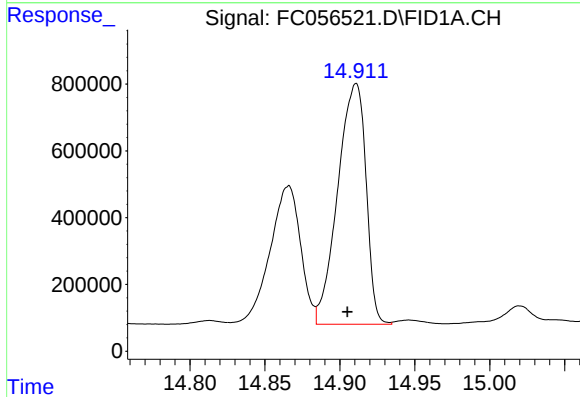
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 3531584
Conc: 31.37 ug/ml

Instrument :
FID_C
ClientSampleId :
72-12002MS

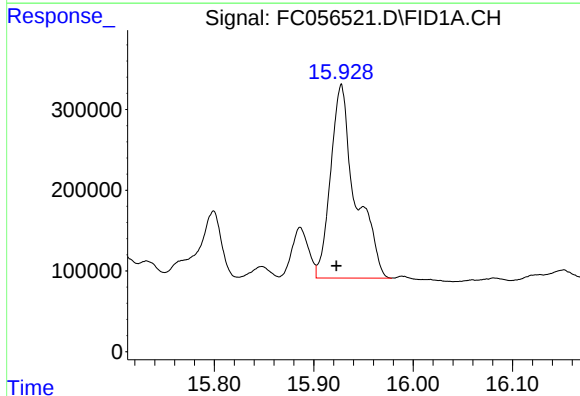
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



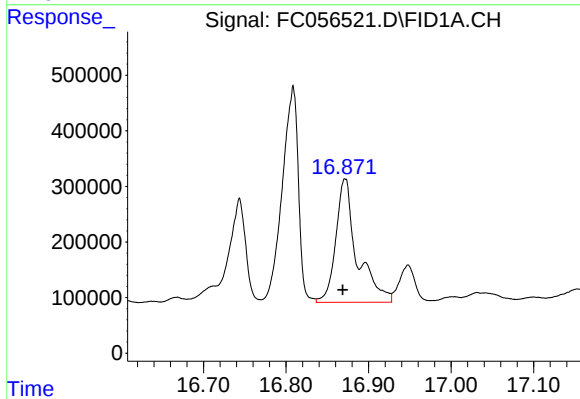
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: 0.005 min
Response: 9455649
Conc: 85.80 ug/ml



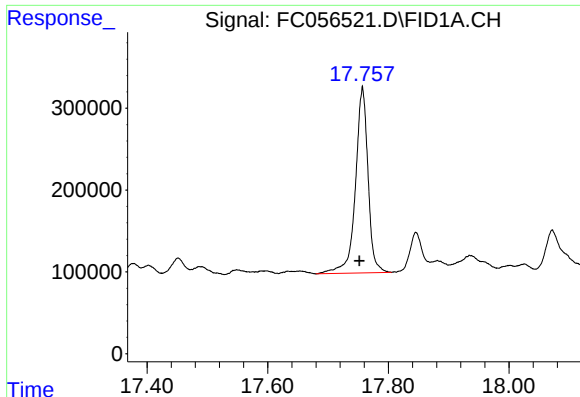
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: 0.005 min
Response: 4170219
Conc: 39.51 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: 0.002 min
Response: 3977112
Conc: 38.34 ug/ml



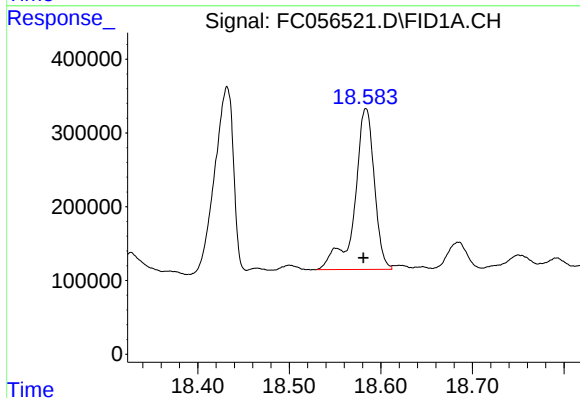
#17 n-Tricontane (C30)

R.T.: 17.757 min
Delta R.T.: 0.005 min
Response: 3282290
Conc: 31.68 ug/ml

Instrument :
FID_C
ClientSampleId :
72-12002MS

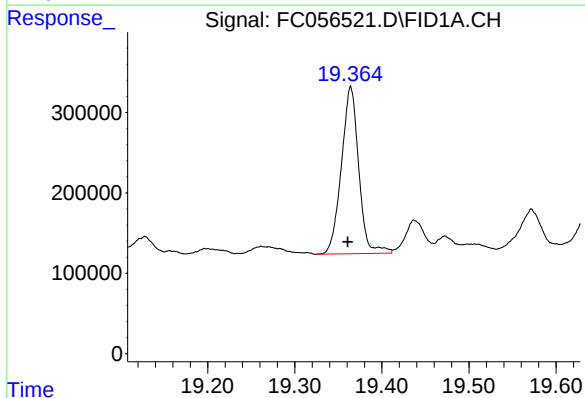
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



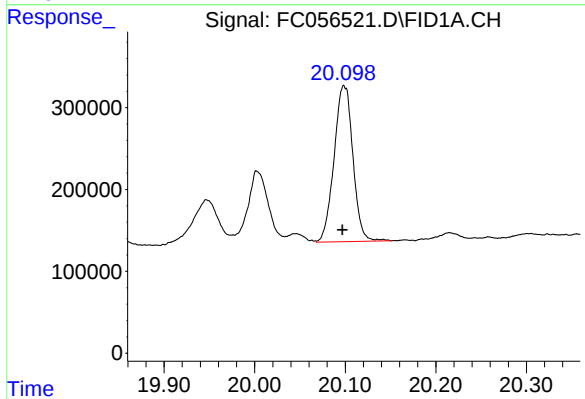
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: 0.002 min
Response: 3255242
Conc: 33.98 ug/ml m



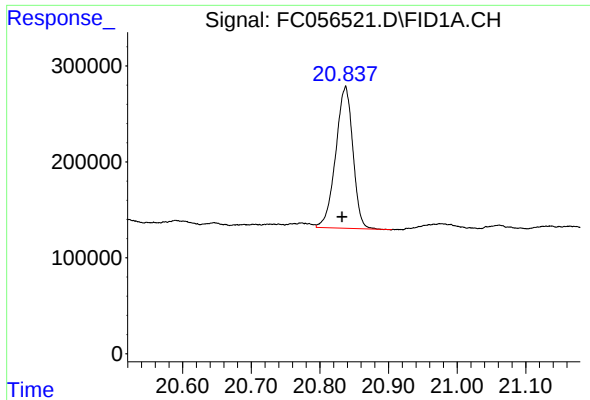
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: 0.004 min
Response: 2870586
Conc: 32.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.099 min
Delta R.T.: 0.002 min
Response: 2748373
Conc: 33.58 ug/ml



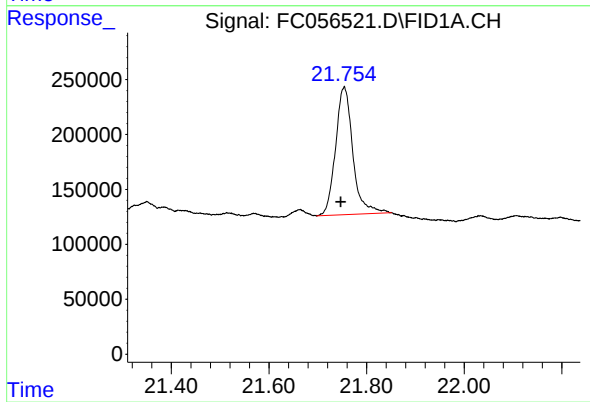
#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: 0.005 min
Response: 2564162
Conc: 32.06 ug/ml

Instrument :
FID_C
ClientSampleId :
72-12002MS

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



#22 n-Tetracontane (C40)

R.T.: 21.754 min
Delta R.T.: 0.007 min
Response: 2858431
Conc: 34.69 ug/ml