

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113022AL\
 Data File : FC062324.D
 Signal(s) : FID1A.ch
 Acq On : 30 Nov 2022 10:41
 Operator : YP/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

Reviewed By :Yogesh Patel 12/01/2022
 Supervised By :Ankita Jodhani 12/01/2022

Integration File: autoint1.e
 Quant Time: Dec 01 02:49:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.592	2655558	19.455 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.031	2059498	20.261 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T n-Nonane (C9)	3.341	2779865	19.973 ug/ml
2) T n-Decane (C10)	4.409	2832341	20.934 ug/ml
3) T A~Naphthalene (C11.7)	5.998	2946683	20.114 ug/ml
4) T n-Dodecane (C12)	6.431	2839235	21.253 ug/ml
5) T A~2-methylnaphthalene...	7.057	2821279	21.039 ug/ml
6) T n-Tetradecane (C14)	8.229	2756549	21.116 ug/ml
7) T n-Hexadecane (C16)	9.832	2741988	21.149 ug/ml
8) T n-Octadecane (C18)	11.276	2676342	20.960 ug/ml
10) T n-Eicosane (C20)	12.587	2582158	21.242 ug/ml
11) T n-Heneicosane (C21)	13.199	2523622	20.939 ug/ml
13) T n-Docosane (C22)	13.785	2463709	20.899 ug/ml
14) T n-Tetracosane (C24)	14.887	2368340	20.582 ug/ml
15) T n-Hexacosane (C26)	15.907	2290284	20.555 ug/ml
16) T n-Octacosane (C28)	16.857	2261693	20.628 ug/ml
17) T n-Tricontane (C30)	17.744	2419930	22.098 ug/ml
18) T n-Dotriacontane (C32)	18.574	2486350	22.512 ug/ml
19) T n-Tetratriacontane (C34)	19.358	2374492	21.717 ug/ml
20) T n-Hexatriacontane (C36)	20.096	2310720	22.048 ug/ml
21) T n-Octatriacontane (C38)	20.838	2211690	21.369 ug/ml
22) T n-Tetracontane (C40)	21.759	2138089	20.828 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113022AL\
Data File : FC062324.D
Signal(s) : FID1A.ch
Acq On : 30 Nov 2022 10:41
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

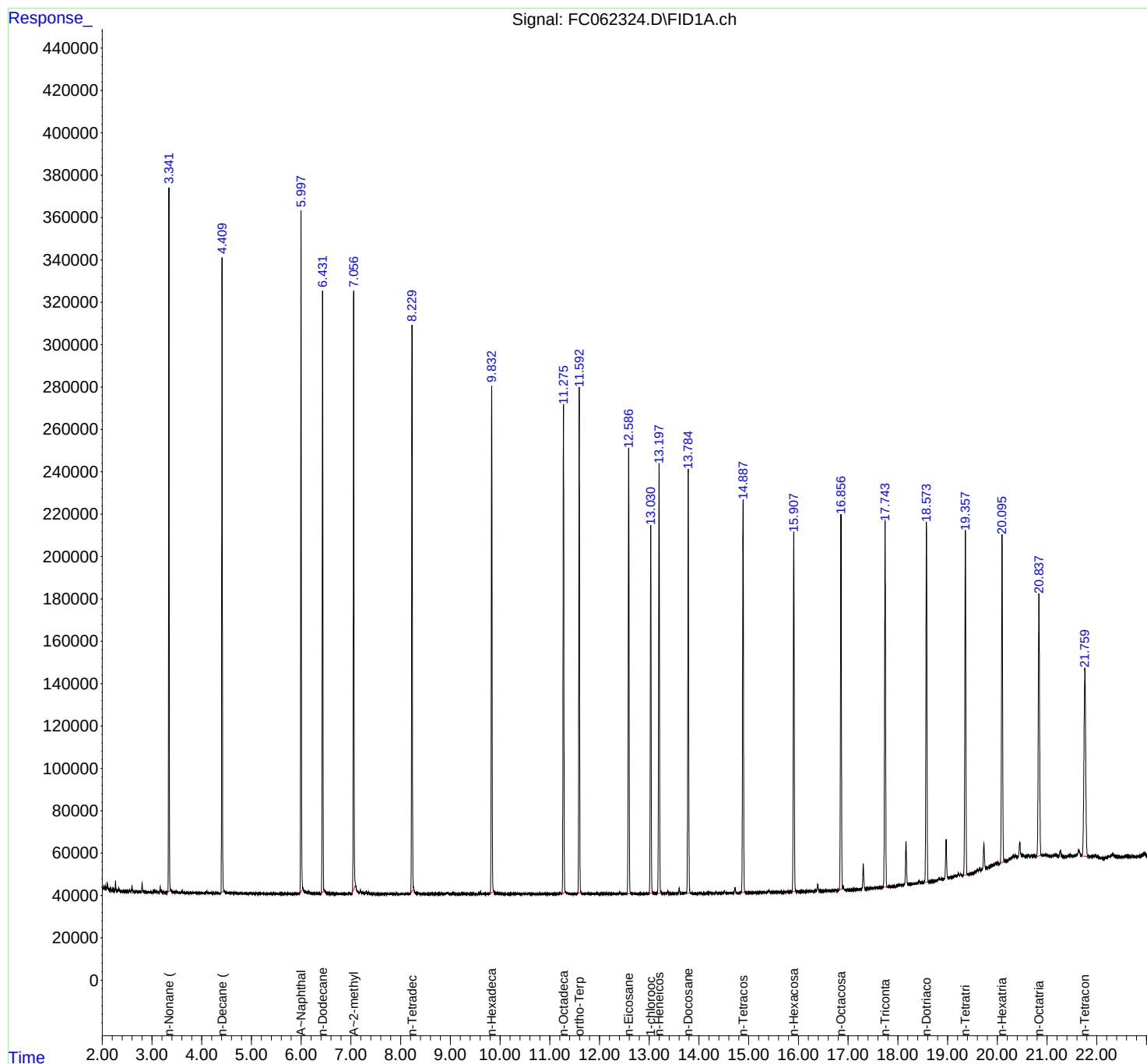
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

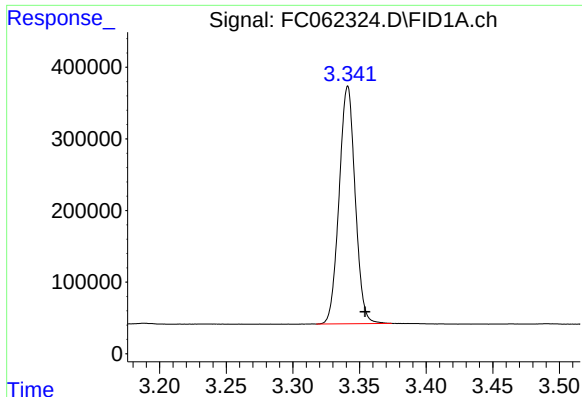
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022

Integration File: autoint1.e
Quant Time: Dec 01 02:49:11 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
Quant Title : GC Extractables
QLast Update : Mon Nov 21 12:12:05 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





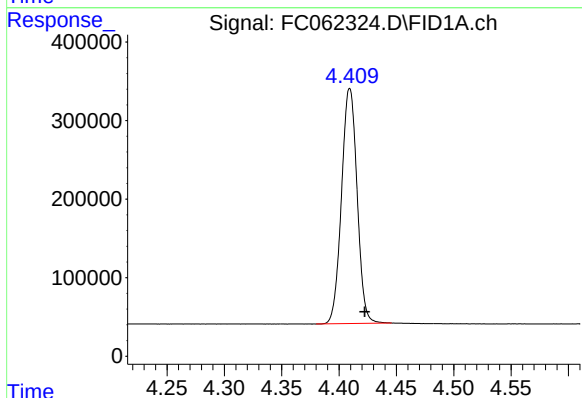
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.013 min
Response: 2779865
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

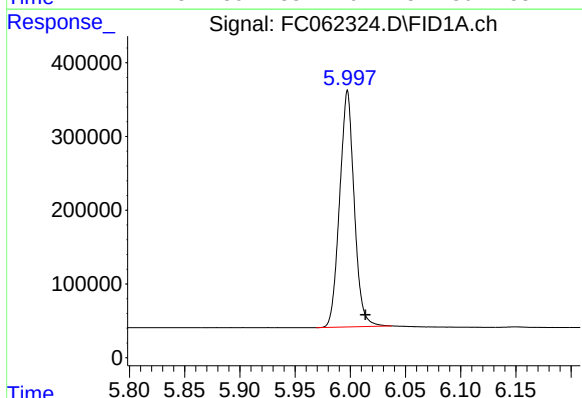
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



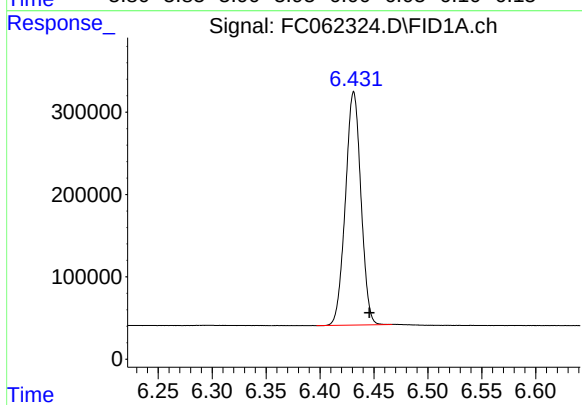
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.013 min
Response: 2832341
Conc: 20.93 ug/ml



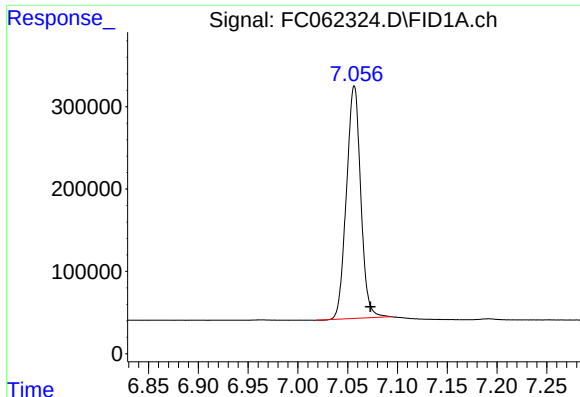
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.016 min
Response: 2946683
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: -0.014 min
Response: 2839235
Conc: 21.25 ug/ml



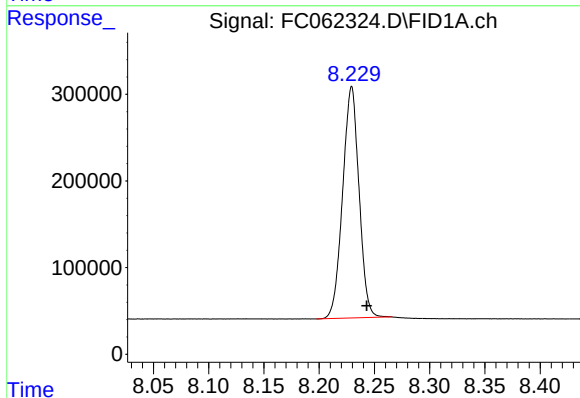
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: -0.016 min
Response: 2821279
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

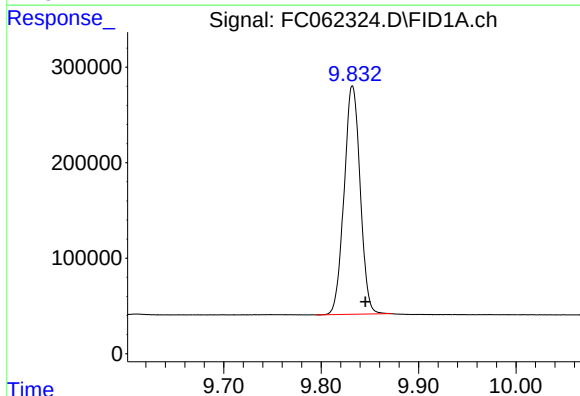
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



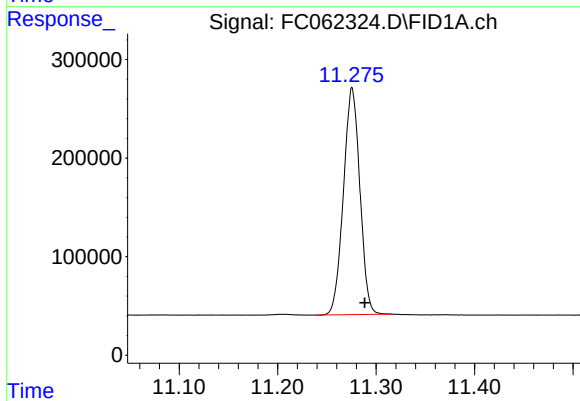
#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: -0.014 min
Response: 2756549
Conc: 21.12 ug/ml



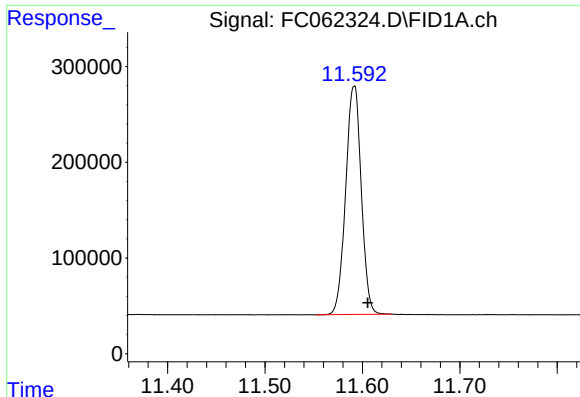
#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: -0.013 min
Response: 2741988
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.013 min
Response: 2676342
Conc: 20.96 ug/ml



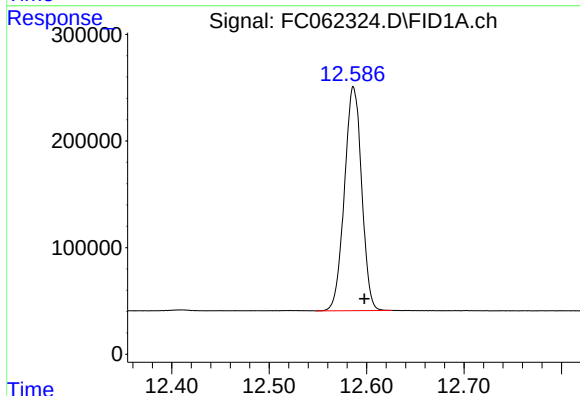
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.014 min
Response: 265558
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

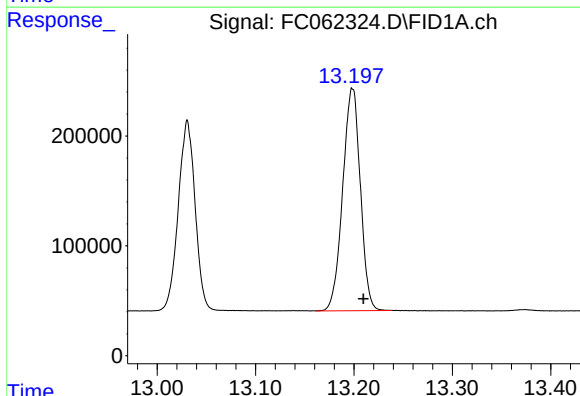
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



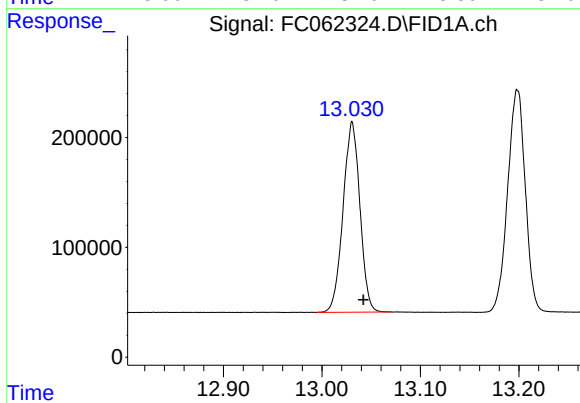
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: -0.011 min
Response: 2582158
Conc: 21.24 ug/ml



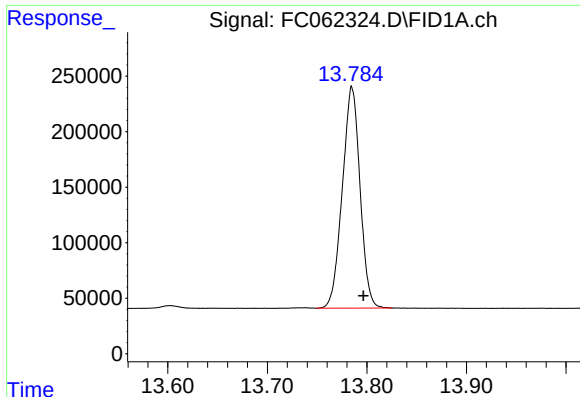
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.011 min
Response: 2523622
Conc: 20.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.031 min
Delta R.T.: -0.011 min
Response: 2059498
Conc: 20.26 ug/ml



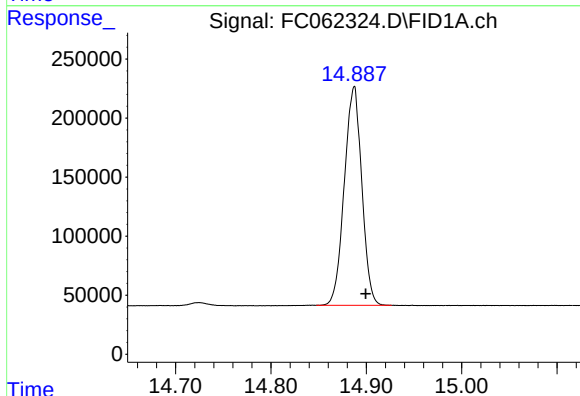
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: -0.011 min
Response: 2463709
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

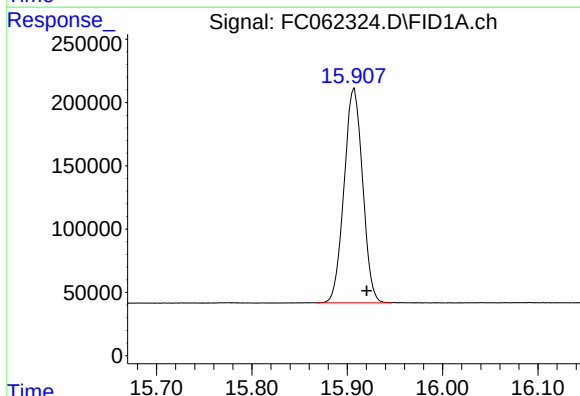
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



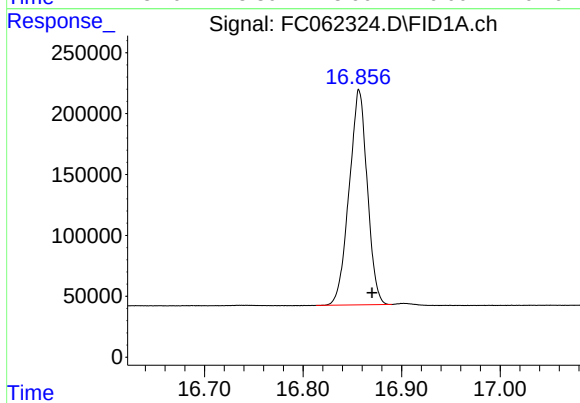
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.012 min
Response: 2368340
Conc: 20.58 ug/ml



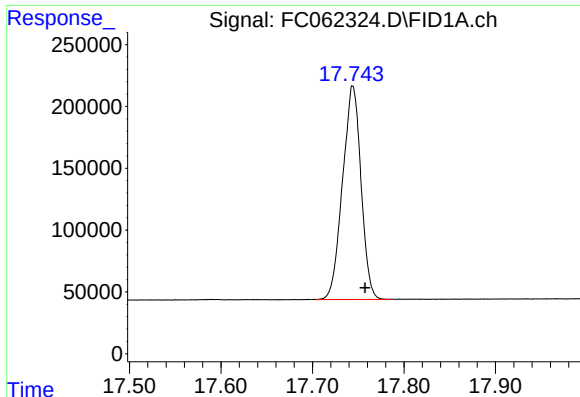
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.014 min
Response: 2290284
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.013 min
Response: 2261693
Conc: 20.63 ug/ml



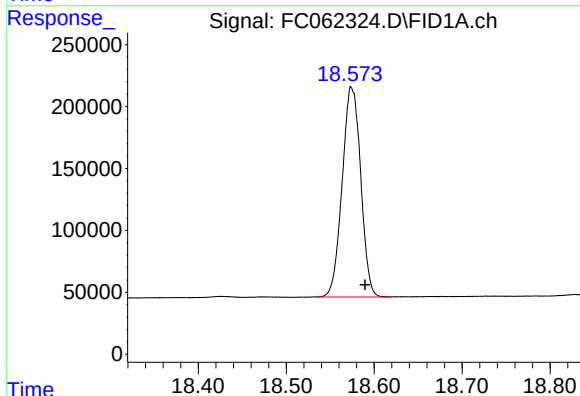
#17 n-Tricontane (C30)

R.T.: 17.744 min
Delta R.T.: -0.013 min
Response: 2419930
Conc: 22.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

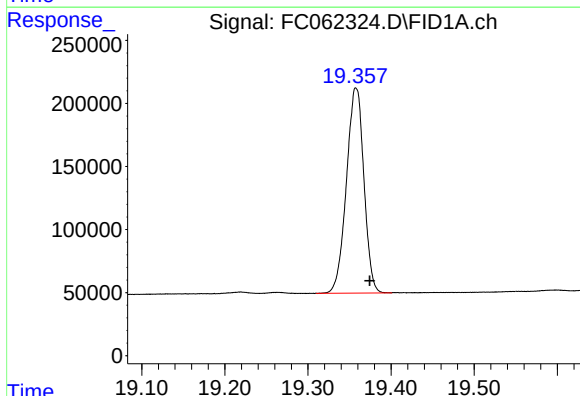
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



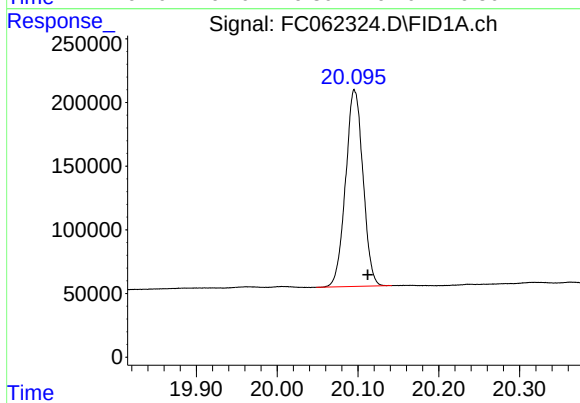
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.015 min
Response: 2486350
Conc: 22.51 ug/ml



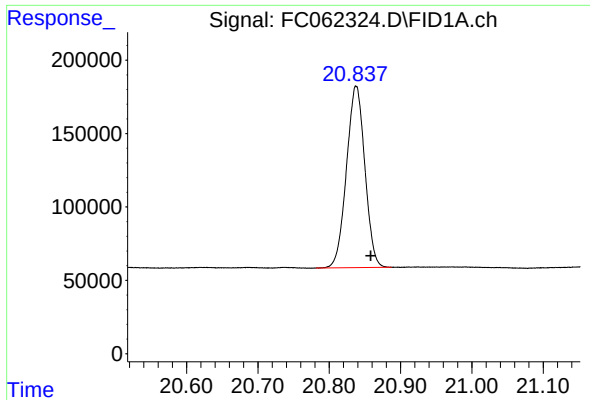
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.017 min
Response: 2374492
Conc: 21.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: -0.016 min
Response: 2310720
Conc: 22.05 ug/ml



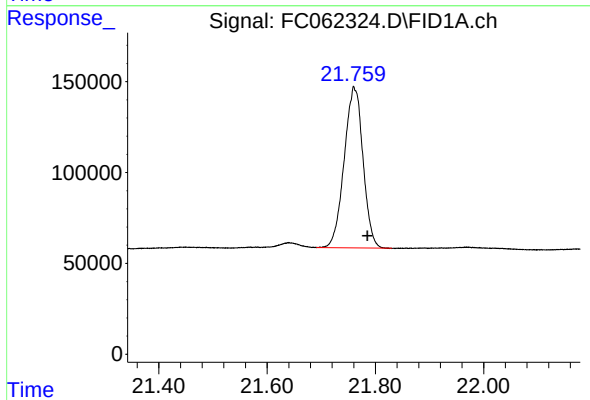
#21 n-Octatriacontane (C38)

R.T.: 20.838 min
Delta R.T.: -0.020 min
Response: 2211690
Conc: 21.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



#22 n-Tetracontane (C40)

R.T.: 21.759 min
Delta R.T.: -0.026 min
Response: 2138089
Conc: 20.83 ug/ml m