

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082422AL\
 Data File : FC061273.D
 Signal(s) : FID1A.ch
 Acq On : 24 Aug 2022 16:17
 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 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 02:32:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.638	3283297	18.547 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	13.069	2602554	18.583 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T n-Nonane (C9)	3.399	2948793	19.504 ug/ml
2) T n-Decane (C10)	4.469	2957511	19.491 ug/ml
3) T A~Naphthalene (C11.7)	6.057	3344679	19.322 ug/ml
4) T n-Dodecane (C12)	6.484	2991239	19.314 ug/ml
5) T A~2-methylnaphthalene...	7.111	3365473	19.113 ug/ml
6) T n-Tetradecane (C14)	8.278	2991674	19.126 ug/ml
7) T n-Hexadecane (C16)	9.877	2975751	18.998 ug/ml
8) T n-Octadecane (C18)	11.317	2985011	18.920 ug/ml
10) T n-Eicosane (C20)	12.625	2922368	18.798 ug/ml
11) T n-Heneicosane (C21)	13.236	2961744	18.935 ug/ml
13) T n-Docosane (C22)	13.821	2896222	18.664 ug/ml
14) T n-Tetracosane (C24)	14.923	2897018	18.726 ug/ml
15) T n-Hexacosane (C26)	15.942	2820924	18.743 ug/ml
16) T n-Octacosane (C28)	16.890	2694865	18.245 ug/ml
17) T n-Tricontane (C30)	17.776	2649831	19.185 ug/ml
18) T n-Dotriacontane (C32)	18.607	2146031	19.551 ug/mlm
19) T n-Tetratriacontane (C34)	19.389	1600551	20.736 ug/ml
20) T n-Hexatriacontane (C36)	20.128	1158796	20.525 ug/mlm
21) T n-Octatriacontane (C38)	20.870	917890	19.786 ug/mlm
22) T n-Tetracontane (C40)	21.804	891798	21.262 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082422AL\
Data File : FC061273.D
Signal(s) : FID1A.ch
Acq On : 24 Aug 2022 16:17
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

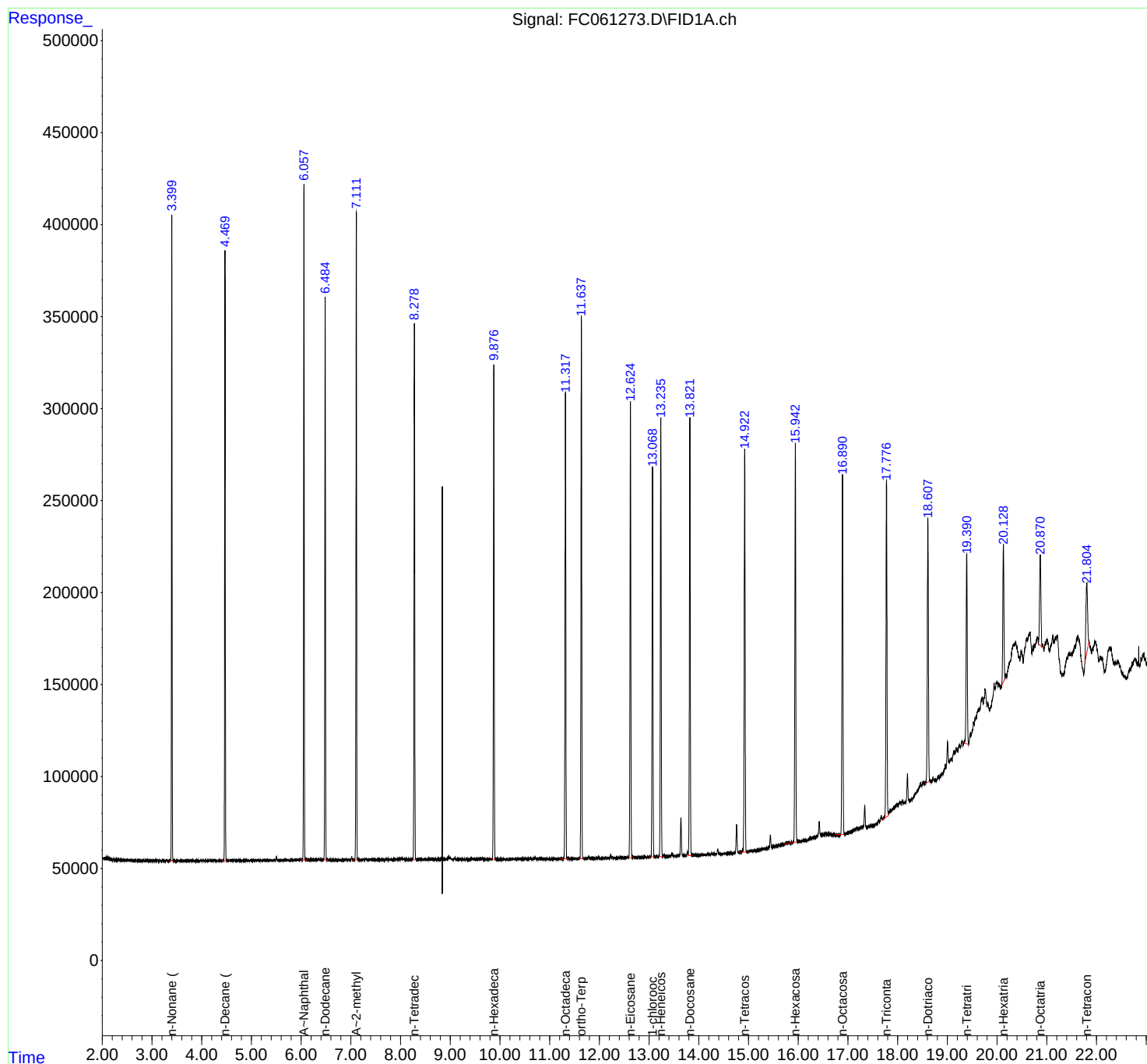
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

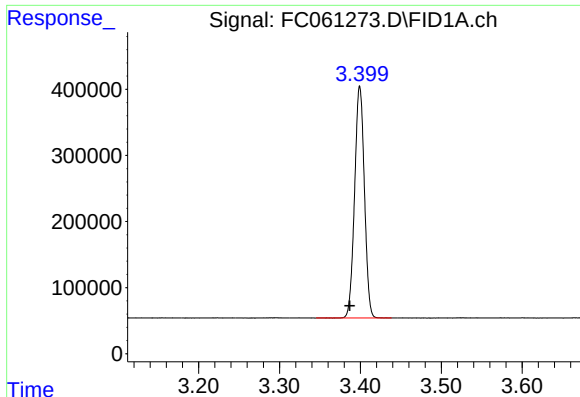
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2022
Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
Quant Time: Aug 25 02:32:05 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
Quant Title : GC Extractables
QLast Update : Tue Aug 23 05:32:18 2022
Response via : Initial Calibration
Integrator: ChemStation

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





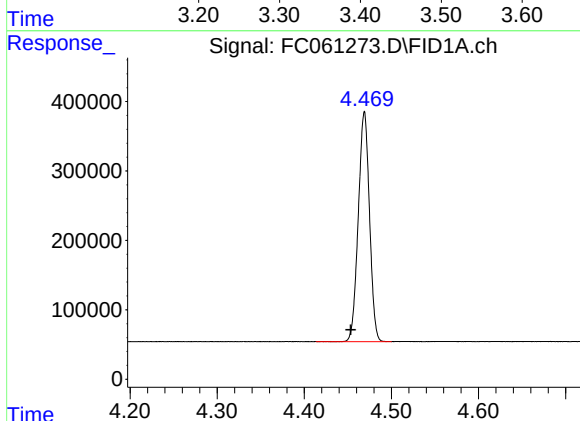
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: 0.012 min
Response: 2948793
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

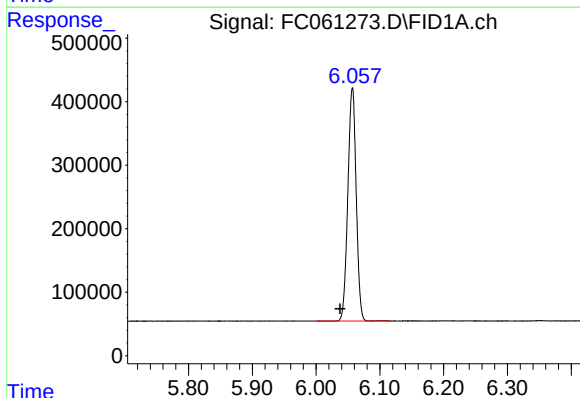
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2022
Supervised By :Ankita Jodhani 08/25/2022



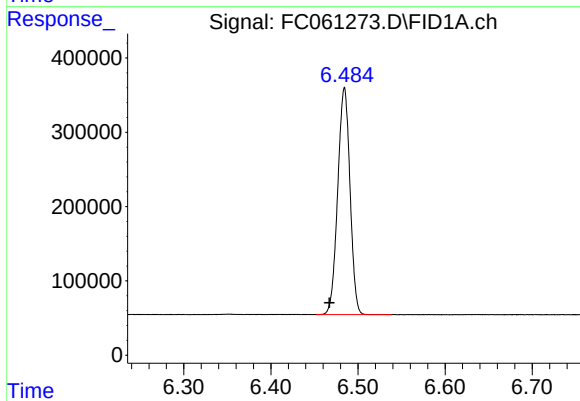
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: 0.016 min
Response: 2957511
Conc: 19.49 ug/ml



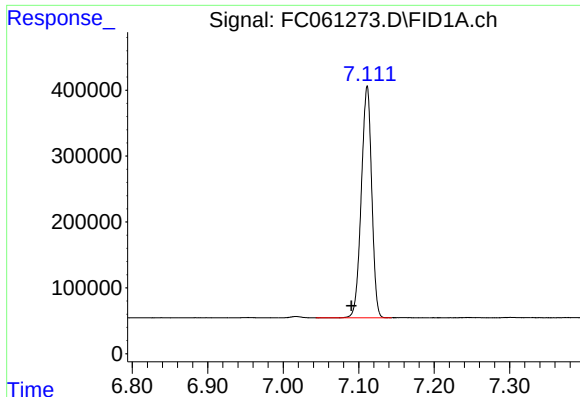
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: 0.019 min
Response: 3344679
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: 0.017 min
Response: 2991239
Conc: 19.31 ug/ml



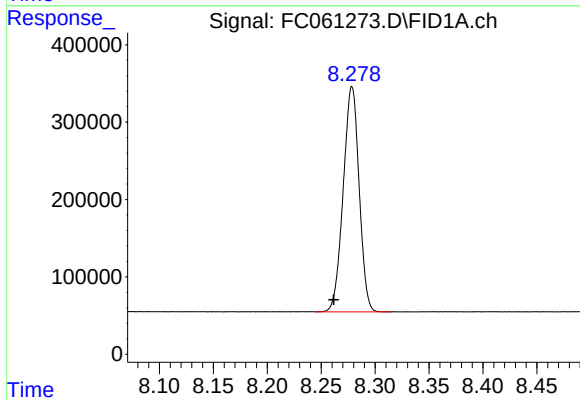
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.111 min
Delta R.T.: 0.021 min
Response: 3365473
Conc: 19.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

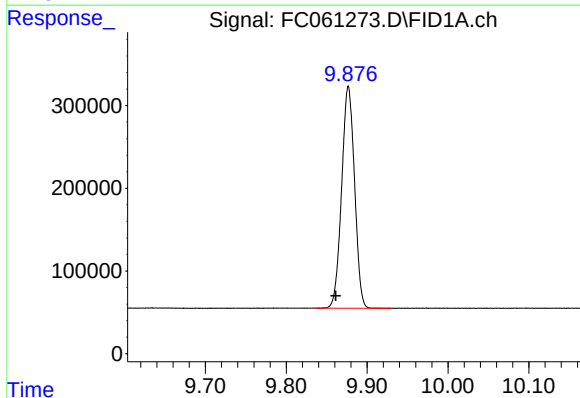
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2022
Supervised By :Ankita Jodhani 08/25/2022



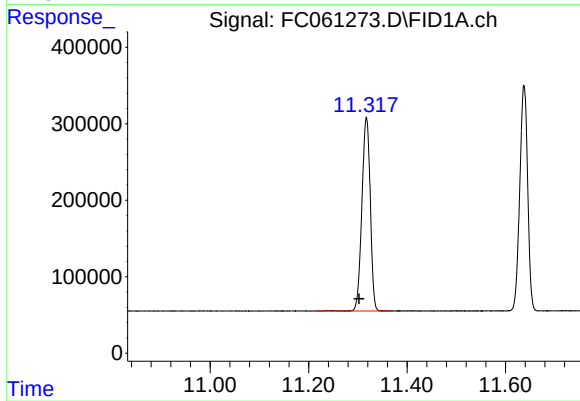
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: 0.017 min
Response: 2991674
Conc: 19.13 ug/ml



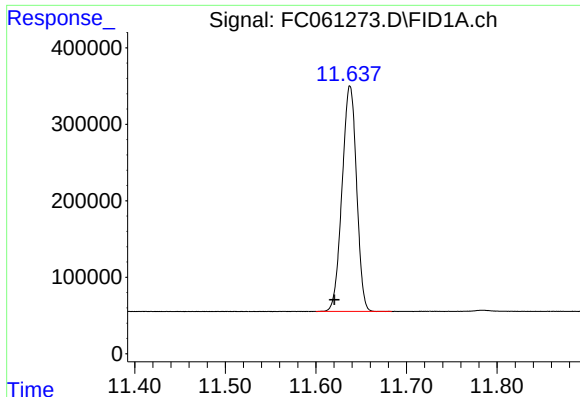
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: 0.016 min
Response: 2975751
Conc: 19.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: 0.015 min
Response: 2985011
Conc: 18.92 ug/ml



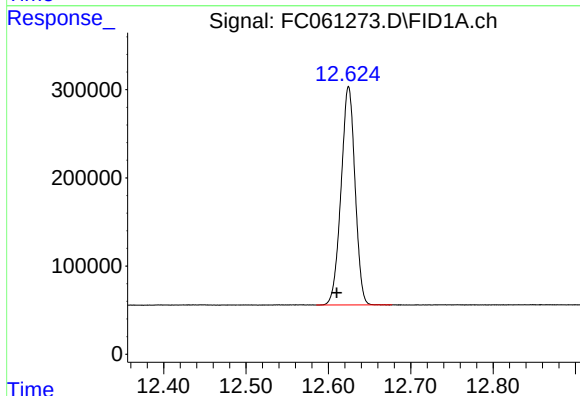
#9 ortho-Terphenyl (SURR)

R.T.: 11.638 min
Delta R.T.: 0.017 min
Response: 3283297
Conc: 18.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

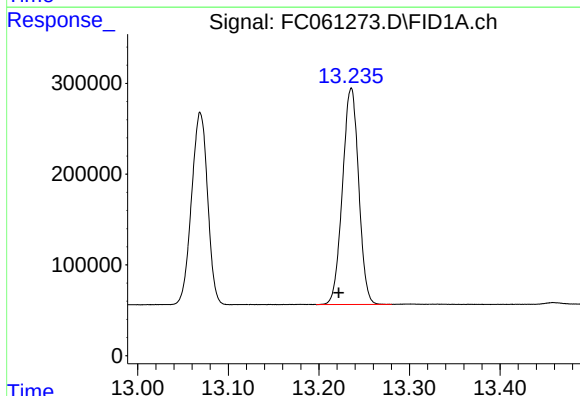
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2022
Supervised By :Ankita Jodhani 08/25/2022



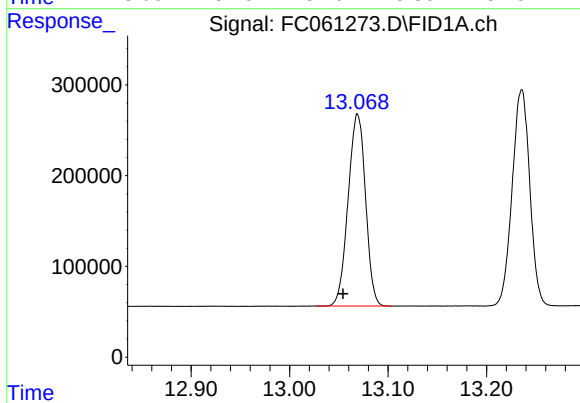
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.014 min
Response: 2922368
Conc: 18.80 ug/ml



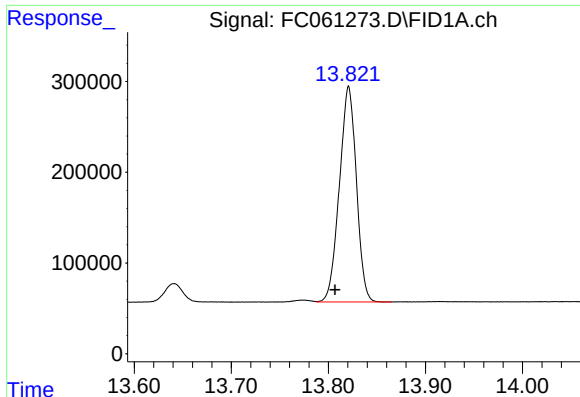
#11 n-Heneicosane (C21)

R.T.: 13.236 min
Delta R.T.: 0.014 min
Response: 2961744
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.069 min
Delta R.T.: 0.015 min
Response: 2602554
Conc: 18.58 ug/ml



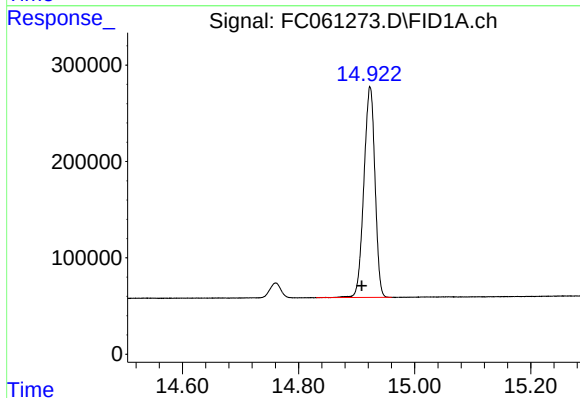
#13 n-Docosane (C22)

R.T.: 13.821 min
Delta R.T.: 0.014 min
Response: 2896222
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

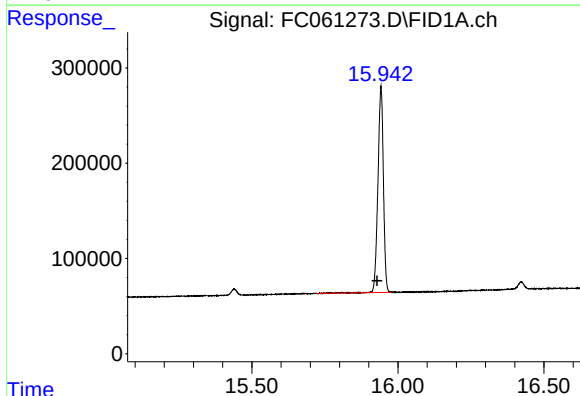
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2022
Supervised By :Ankita Jodhani 08/25/2022



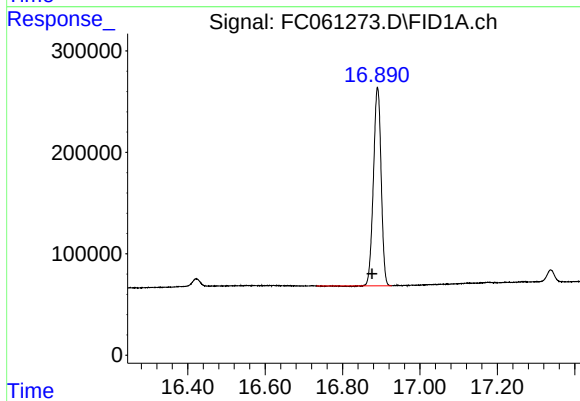
#14 n-Tetracosane (C24)

R.T.: 14.923 min
Delta R.T.: 0.014 min
Response: 2897018
Conc: 18.73 ug/ml



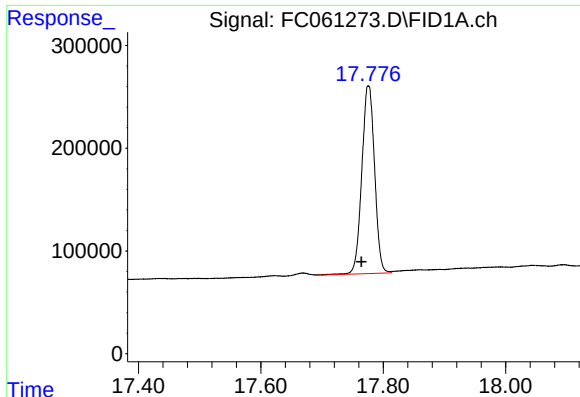
#15 n-Hexacosane (C26)

R.T.: 15.942 min
Delta R.T.: 0.013 min
Response: 2820924
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: 0.014 min
Response: 2694865
Conc: 18.24 ug/ml



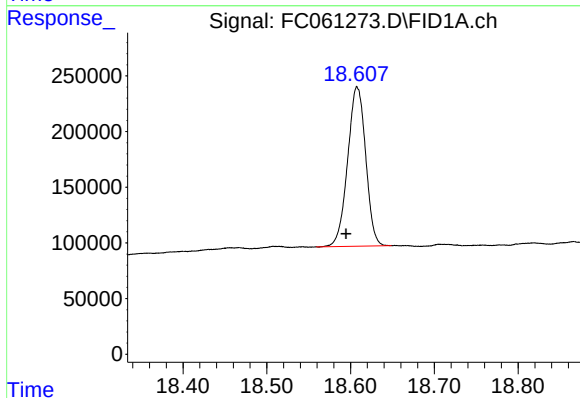
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: 0.012 min
Response: 2649831
Conc: 19.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

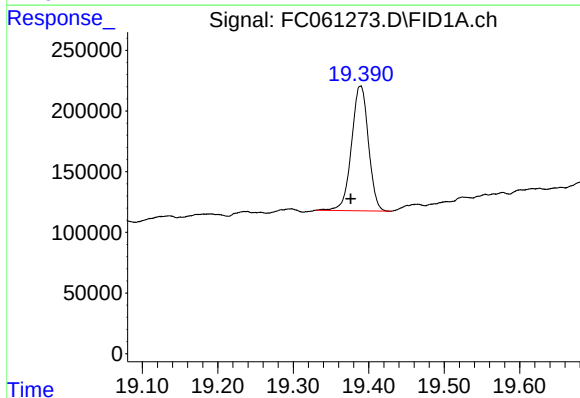
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2022
Supervised By :Ankita Jodhani 08/25/2022



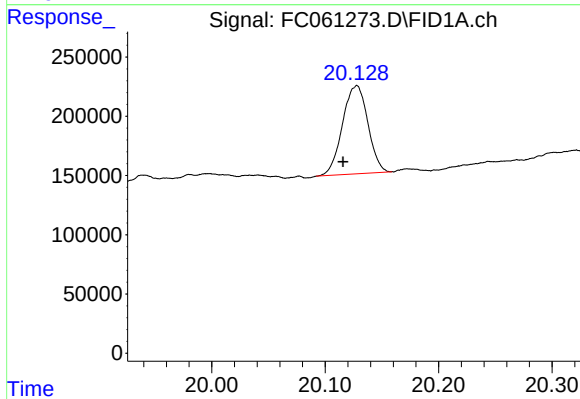
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: 0.012 min
Response: 2146031
Conc: 19.55 ug/ml m



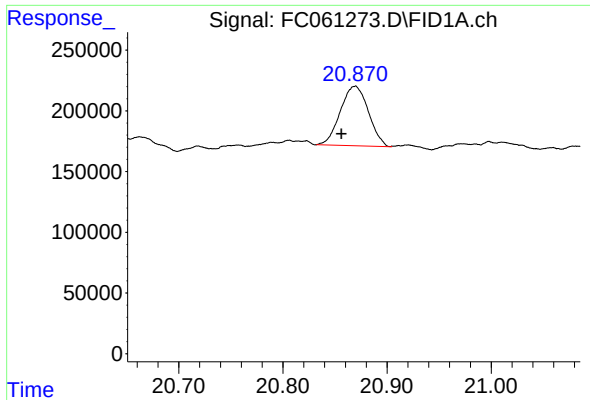
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: 0.013 min
Response: 1600551
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: 0.012 min
Response: 1158796
Conc: 20.52 ug/ml m



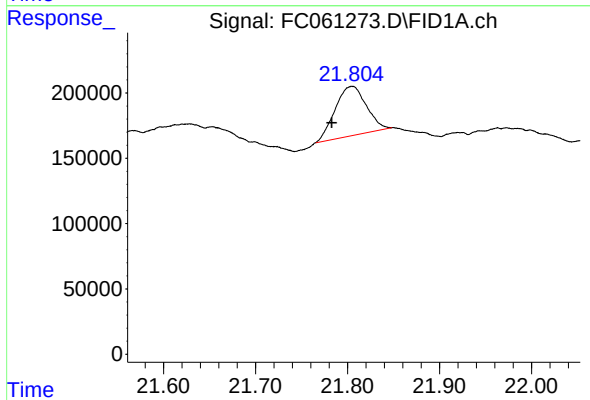
#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: 0.014 min
Response: 917890
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2022
Supervised By :Ankita Jodhani 08/25/2022



#22 n-Tetracontane (C40)

R.T.: 21.804 min
Delta R.T.: 0.022 min
Response: 891798
Conc: 21.26 ug/ml m