

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101422AL\
 Data File : FC061809.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2022 17:55
 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 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e
 Quant Time: Oct 15 16:14:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.589	2904965	16.998 ug/ml
Spiked Amount 50.000		Recovery =	34.00%
12) S 1-chlorooctadecane (S...	13.026	2285875	16.733 ug/ml
Spiked Amount 50.000		Recovery =	33.47%
Target Compounds			
1) T n-Nonane (C9)	3.343	2730376	18.292 ug/ml
2) T n-Decane (C10)	4.412	2853839	18.919 ug/ml
3) T A~Naphthalene (C11.7)	5.998	3042115	18.344 ug/ml
4) T n-Dodecane (C12)	6.429	2886193	18.981 ug/ml
5) T A~2-methylnaphthalene...	7.055	3007376	18.282 ug/ml
6) T n-Tetradecane (C14)	8.226	2876310	18.866 ug/ml
7) T n-Hexadecane (C16)	9.829	2870657	18.565 ug/ml
8) T n-Octadecane (C18)	11.271	2848308	18.068 ug/ml
10) T n-Eicosane (C20)	12.582	2788340	17.498 ug/ml
11) T n-Heneicosane (C21)	13.194	2720352	16.956 ug/ml
13) T n-Docosane (C22)	13.780	2746224	17.093 ug/ml
14) T n-Tetracosane (C24)	14.883	2738814	17.097 ug/ml
15) T n-Hexacosane (C26)	15.904	2724790	17.188 ug/ml
16) T n-Octacosane (C28)	16.854	2808844	18.122 ug/ml
17) T n-Tricontane (C30)	17.742	3056378	19.861 ug/ml
18) T n-Dotriacontane (C32)	18.573	3118700	20.626 ug/ml
19) T n-Tetratriacontane (C34)	19.358	2785391	19.644 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2548273	18.458 ug/ml
21) T n-Octatriacontane (C38)	20.836	2459301	18.990 ug/mlm
22) T n-Tetracontane (C40)	21.754	2325556	19.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101422AL\
Data File : FC061809.D
Signal(s) : FID1A.ch
Acq On : 14 Oct 2022 17:55
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

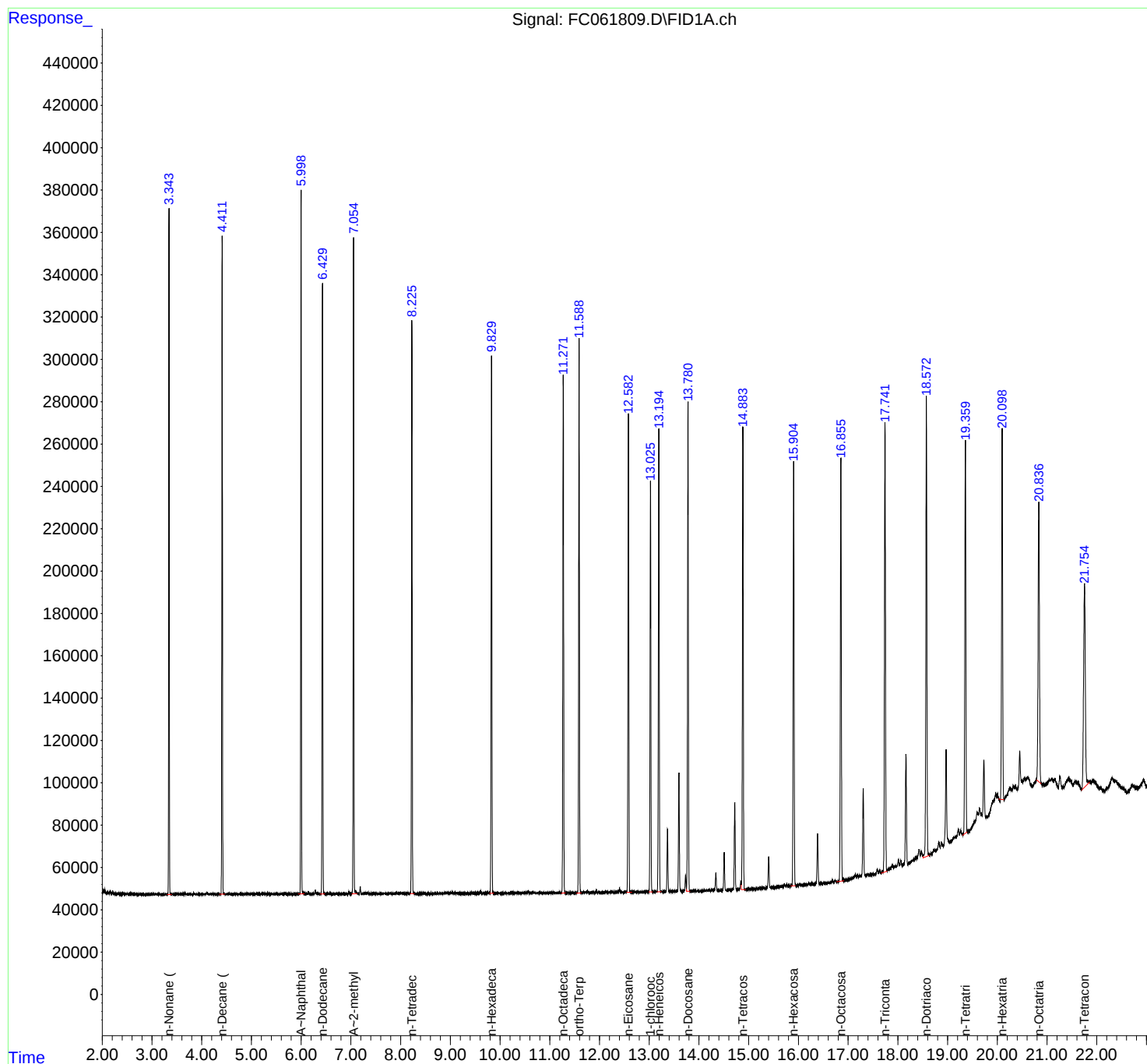
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

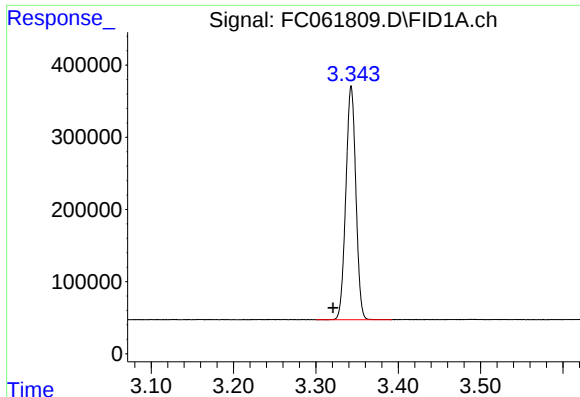
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2022
Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e
Quant Time: Oct 15 16:14:59 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
Quant Title : GC Extractables
QLast Update : Tue Sep 20 18:33:32 2022
Response via : Initial Calibration
Integrator: ChemStation

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





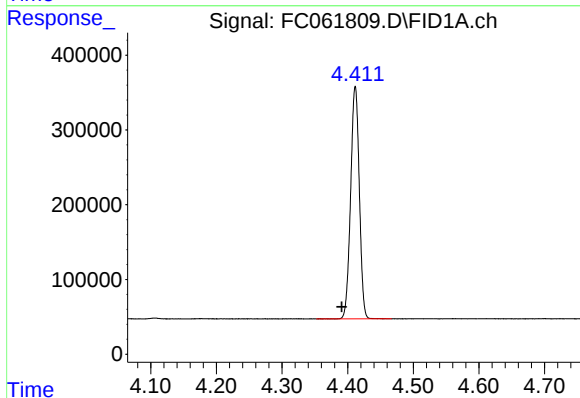
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.022 min
Response: 2730376
Conc: 18.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

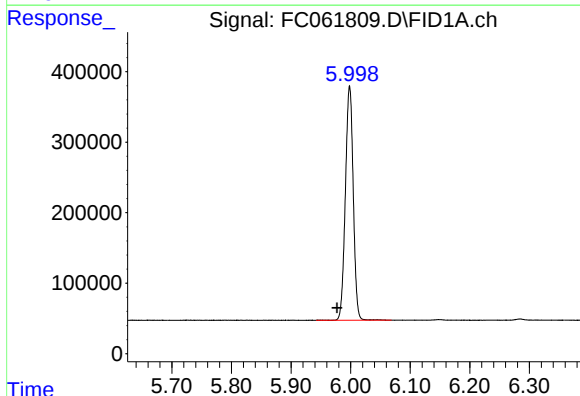
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2022
Supervised By :Ankita Jodhani 10/17/2022



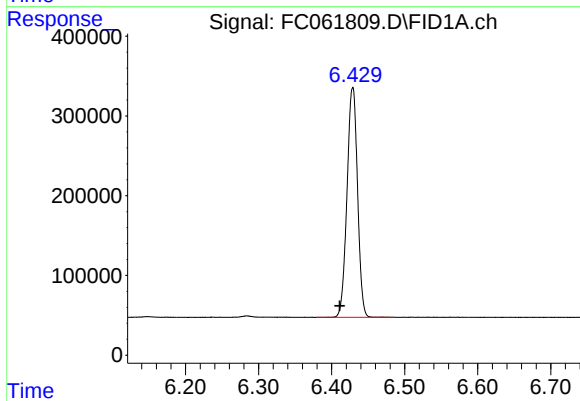
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.020 min
Response: 2853839
Conc: 18.92 ug/ml



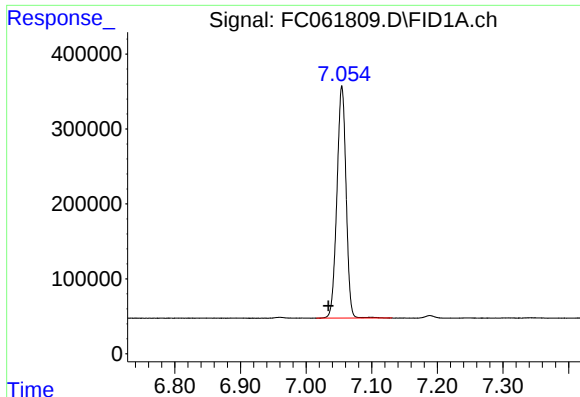
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: 0.021 min
Response: 3042115
Conc: 18.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: 0.018 min
Response: 2886193
Conc: 18.98 ug/ml



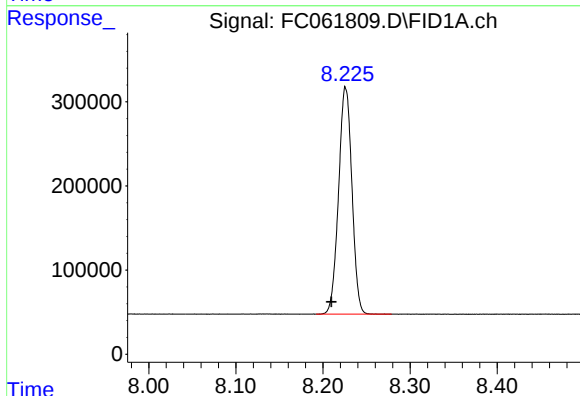
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.021 min
Response: 3007376
Conc: 18.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

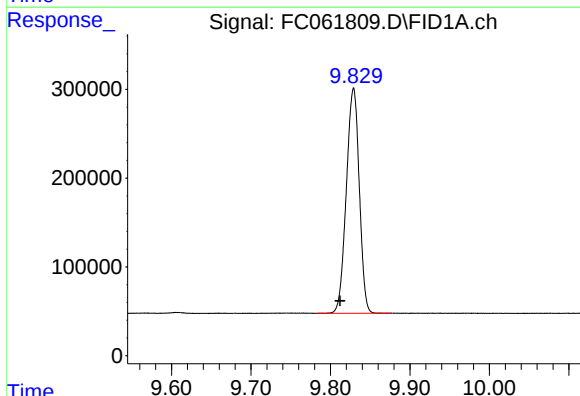
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2022
Supervised By :Ankita Jodhani 10/17/2022



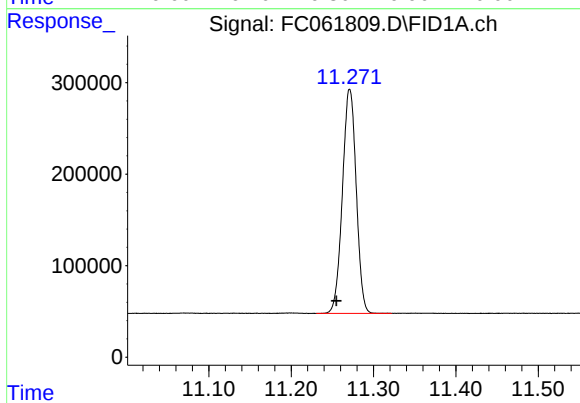
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: 0.016 min
Response: 2876310
Conc: 18.87 ug/ml



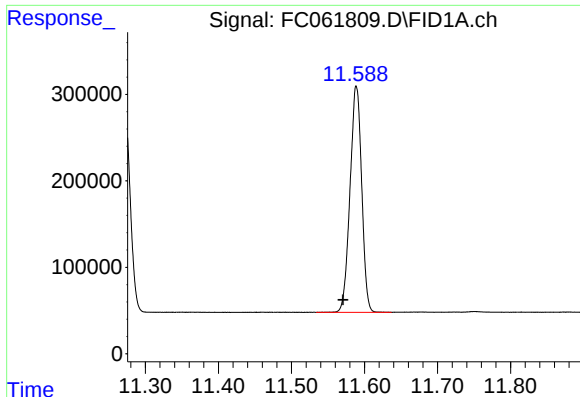
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.017 min
Response: 2870657
Conc: 18.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: 0.016 min
Response: 2848308
Conc: 18.07 ug/ml



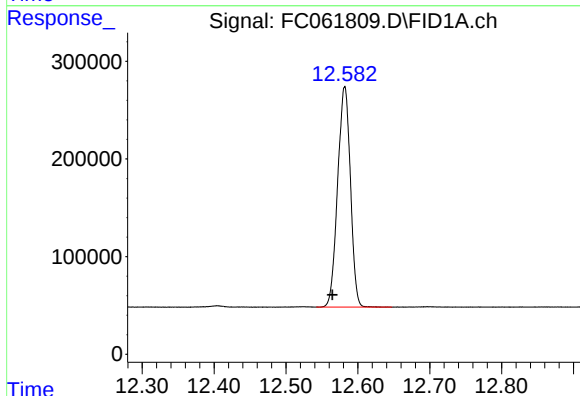
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: 0.018 min
Response: 2904965
Conc: 17.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

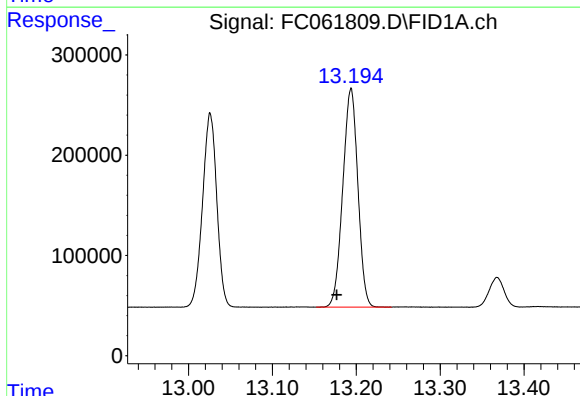
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2022
Supervised By :Ankita Jodhani 10/17/2022



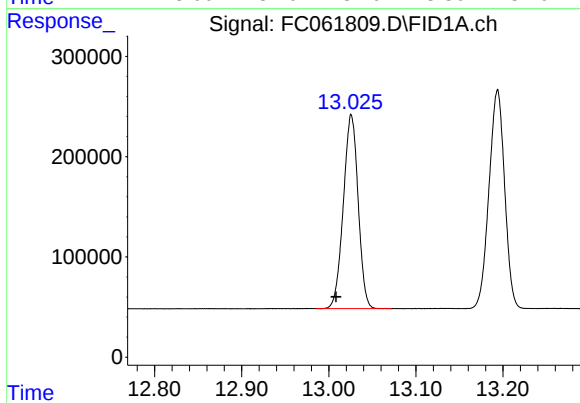
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: 0.017 min
Response: 2788340
Conc: 17.50 ug/ml



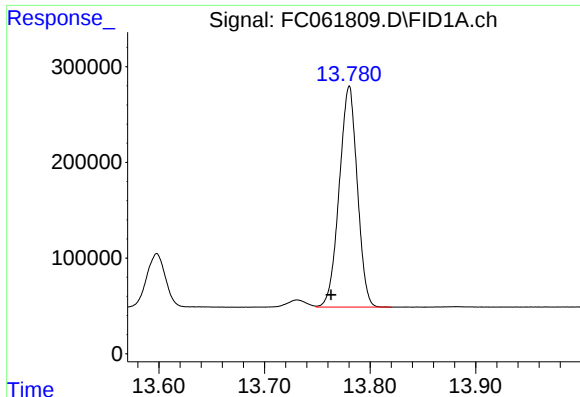
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: 0.017 min
Response: 2720352
Conc: 16.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: 0.018 min
Response: 2285875
Conc: 16.73 ug/ml



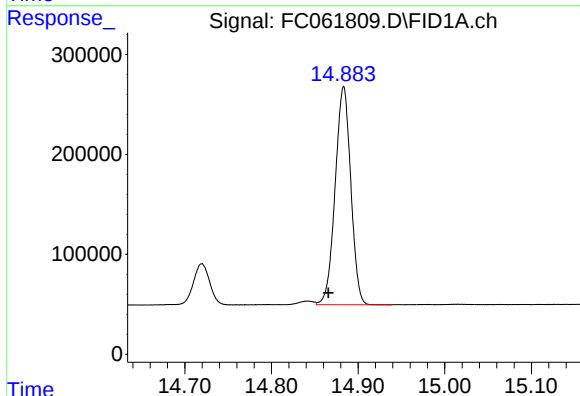
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.017 min
Response: 2746224
Conc: 17.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

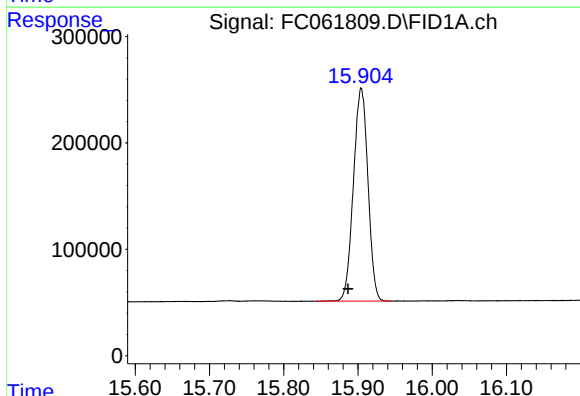
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2022
Supervised By :Ankita Jodhani 10/17/2022



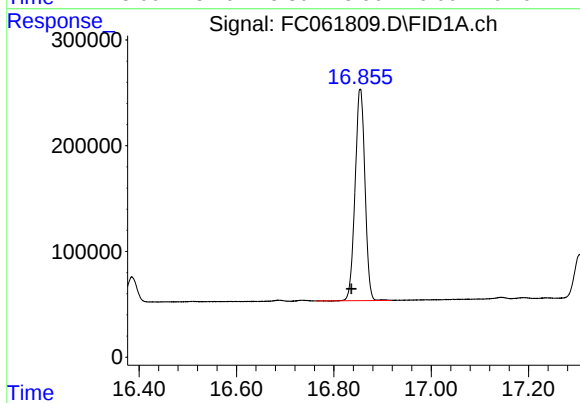
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.017 min
Response: 2738814
Conc: 17.10 ug/ml



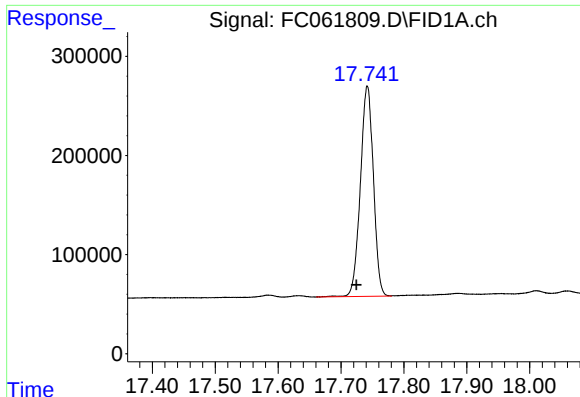
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.018 min
Response: 2724790
Conc: 17.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.854 min
Delta R.T.: 0.018 min
Response: 2808844
Conc: 18.12 ug/ml



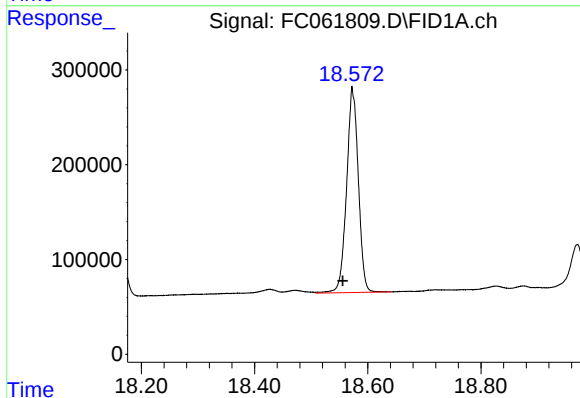
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: 0.018 min
Response: 3056378
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

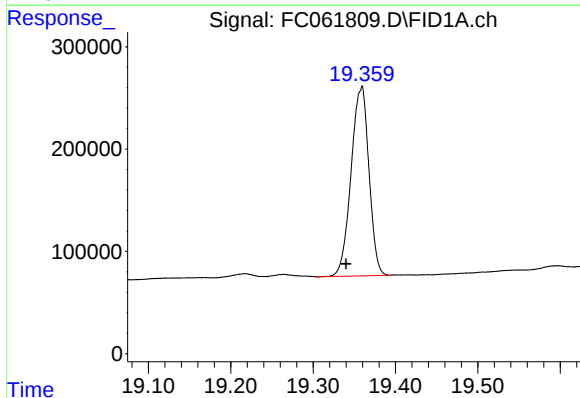
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2022
Supervised By :Ankita Jodhani 10/17/2022



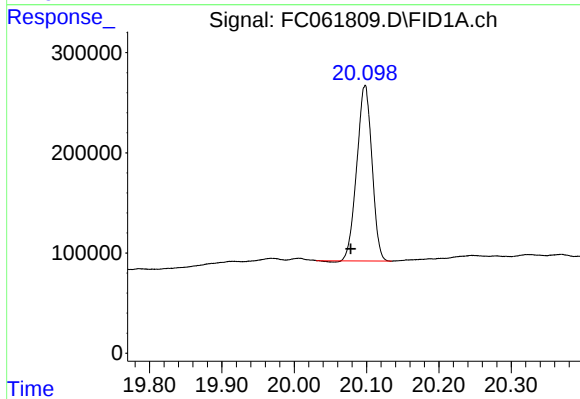
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: 0.018 min
Response: 3118700
Conc: 20.63 ug/ml



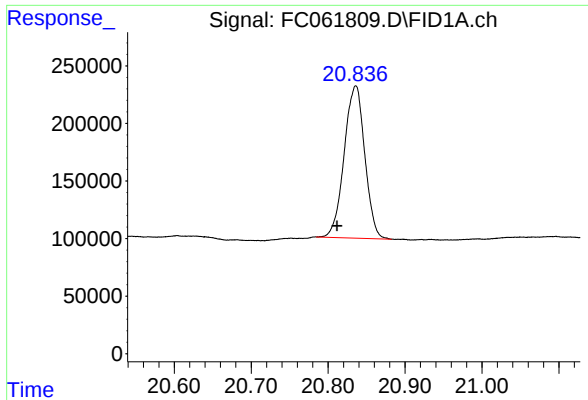
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: 0.018 min
Response: 2785391
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.098 min
Delta R.T.: 0.020 min
Response: 2548273
Conc: 18.46 ug/ml



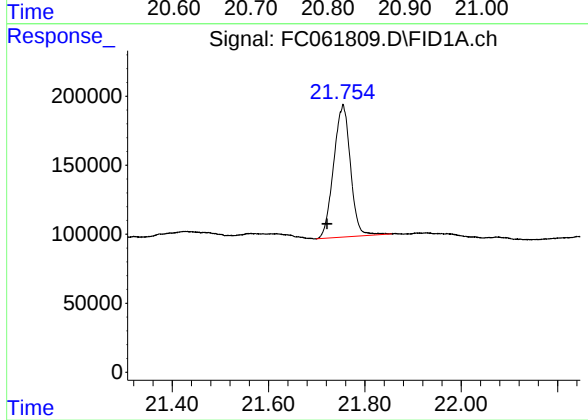
#21 n-Octatriacontane (C38)

R.T.: 20.836 min
Delta R.T.: 0.024 min
Response: 2459301
Conc: 18.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2022
Supervised By :Ankita Jodhani 10/17/2022



#22 n-Tetracontane (C40)

R.T.: 21.754 min
Delta R.T.: 0.033 min
Response: 2325556
Conc: 19.03 ug/ml