

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061324AL\
 Data File : FC066601.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2024 06:35
 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 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 03:12:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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)	11.548	3106860	20.440 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	12.987	2378923	20.819 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
Target Compounds			
1) T n-Nonane (C9)	3.301	2872157	20.522 ug/ml
2) T n-Decane (C10)	4.369	3013207	20.942 ug/ml
3) T A~Naphthalene (C11.7)	5.956	3303537	20.731 ug/ml
4) T n-Dodecane (C12)	6.391	3000639	20.839 ug/ml
5) T A~2-methylnaphthalene...	7.014	3171492	20.679 ug/ml
6) T n-Tetradecane (C14)	8.188	2934935	20.790 ug/ml
7) T n-Hexadecane (C16)	9.789	3003691	20.900 ug/ml
8) T n-Octadecane (C18)	11.233	2984142	20.853 ug/ml
10) T n-Eicosane (C20)	12.543	2847015	20.924 ug/ml
11) T n-Heneicosane (C21)	13.154	2790882	20.936 ug/ml
13) T n-Docosane (C22)	13.741	2786553	21.143 ug/ml
14) T n-Tetracosane (C24)	14.845	2819118	21.656 ug/ml
15) T n-Hexacosane (C26)	15.866	2804426	22.051 ug/ml
16) T n-Octacosane (C28)	16.816	2863780	23.067 ug/mlm
17) T n-Tricontane (C30)	17.704	3072808	24.382 ug/ml
18) T n-Dotriacontane (C32)	18.538	3075086	24.985 ug/ml
19) T n-Tetratriacontane (C34)	19.322	2887326	24.076 ug/ml
20) T n-Hexatriacontane (C36)	20.062	2739686	22.613 ug/mlm
21) T n-Octatriacontane (C38)	20.797	2542305	21.977 ug/ml
22) T n-Tetracontane (C40)	21.706	2990731	24.415 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061324AL\
Data File : FC066601.D
Signal(s) : FID1A.ch
Acq On : 13 Jun 2024 06:35
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

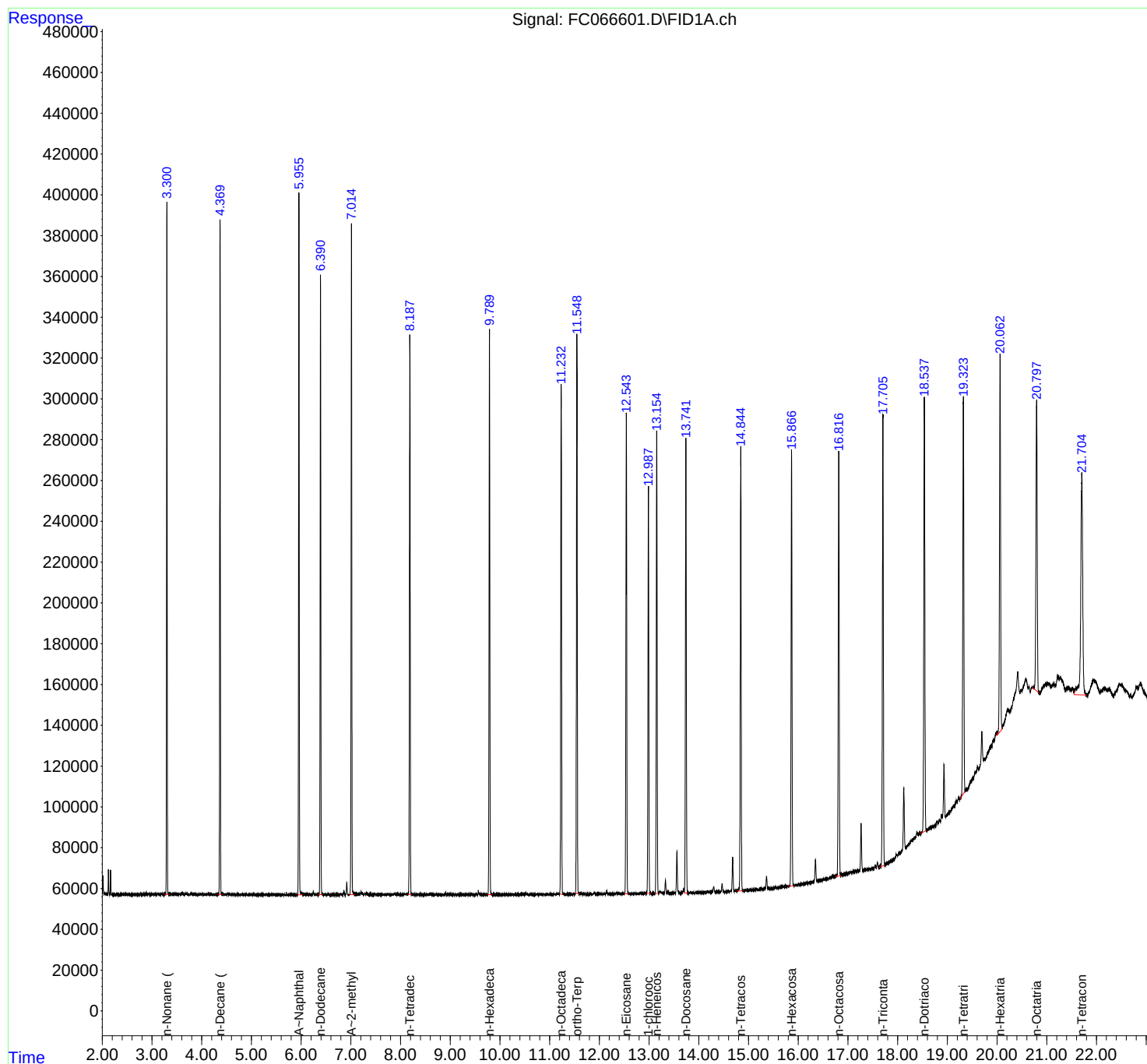
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

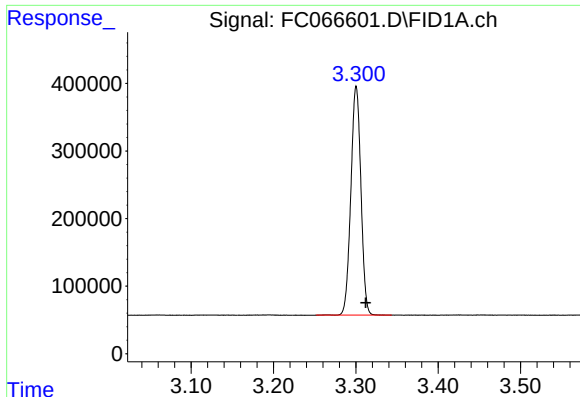
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2024
Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
Quant Time: Jun 14 03:12:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
Quant Title : GC Extractables
QLast Update : Tue May 28 12:26:07 2024
Response via : Initial Calibration
Integrator: ChemStation

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





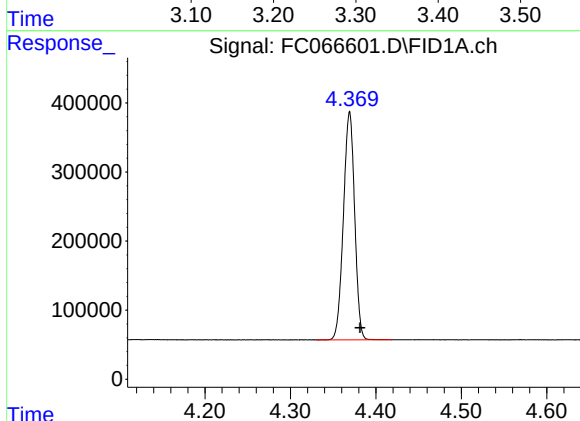
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.011 min
Response: 2872157
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

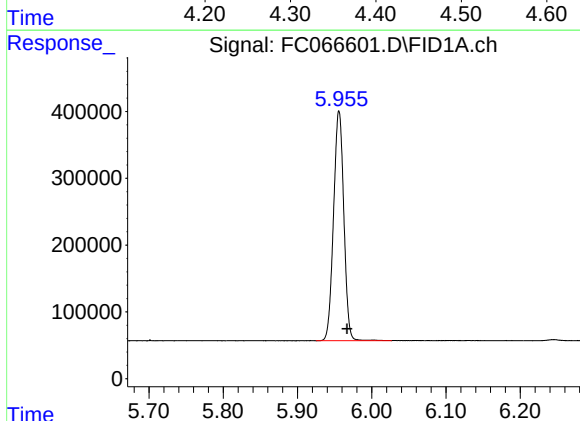
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2024
Supervised By :Ankita Jodhani 06/14/2024



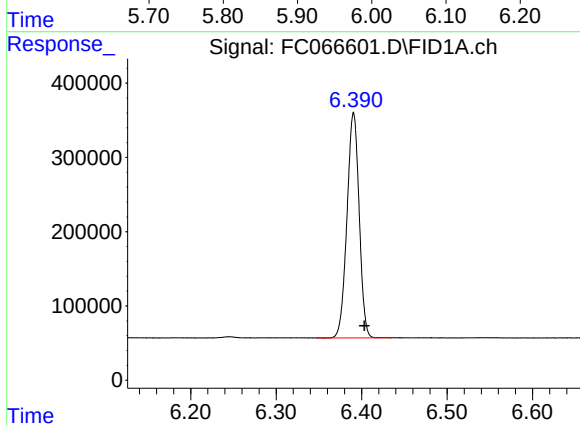
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.012 min
Response: 3013207
Conc: 20.94 ug/ml



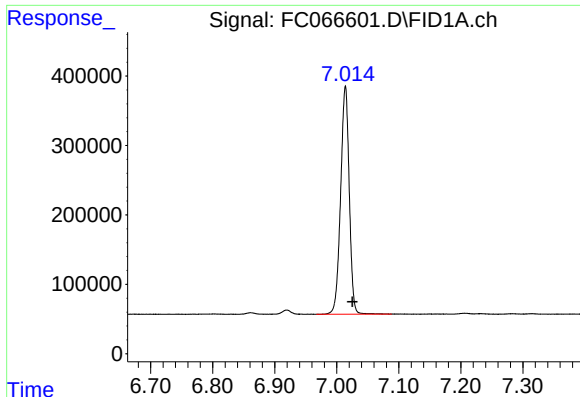
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 3303537
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: -0.013 min
Response: 3000639
Conc: 20.84 ug/ml



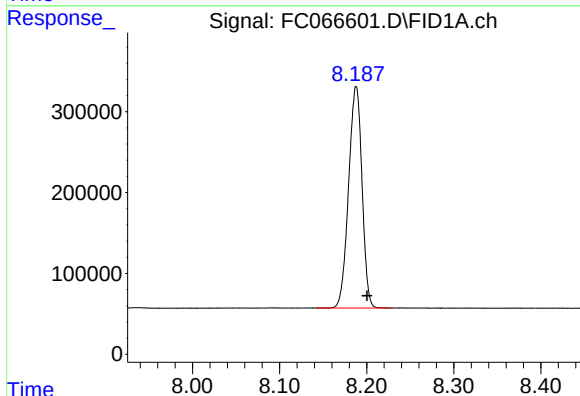
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.011 min
Response: 3171492
Conc: 20.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

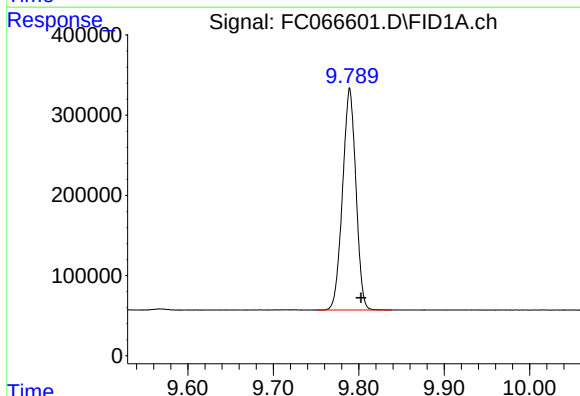
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2024
Supervised By :Ankita Jodhani 06/14/2024



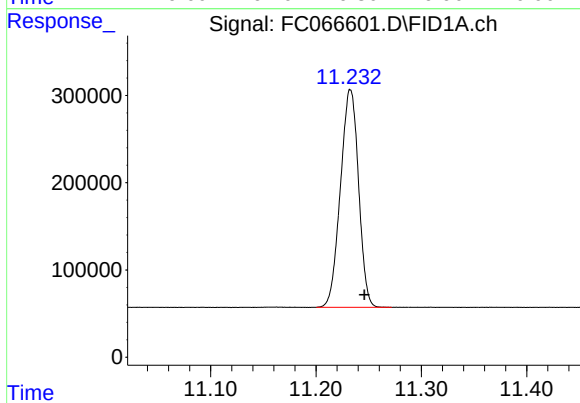
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: -0.013 min
Response: 2934935
Conc: 20.79 ug/ml



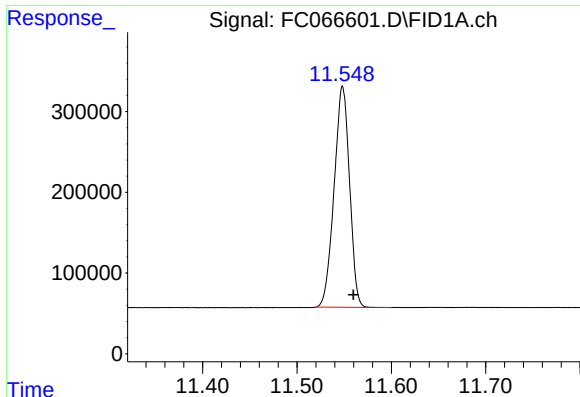
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.013 min
Response: 3003691
Conc: 20.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.233 min
Delta R.T.: -0.013 min
Response: 2984142
Conc: 20.85 ug/ml



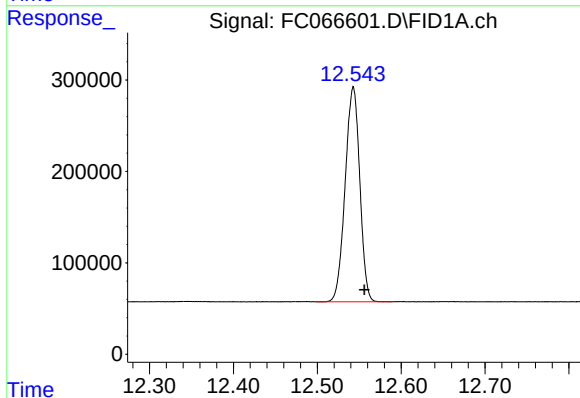
#9 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.011 min
Response: 3106860
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

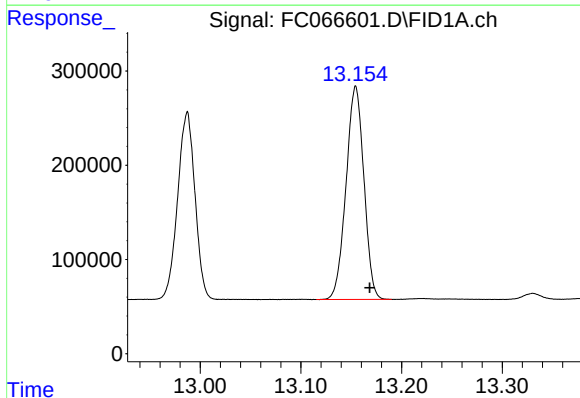
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2024
Supervised By :Ankita Jodhani 06/14/2024



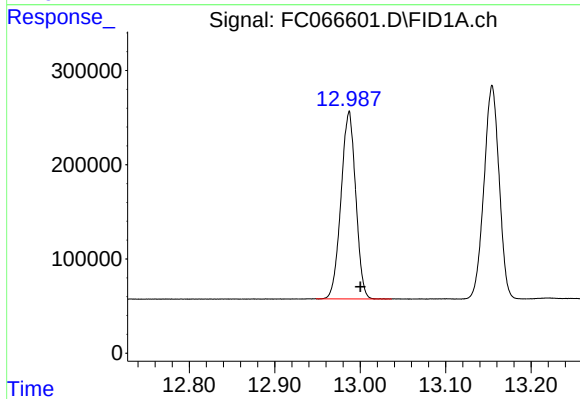
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: -0.013 min
Response: 2847015
Conc: 20.92 ug/ml



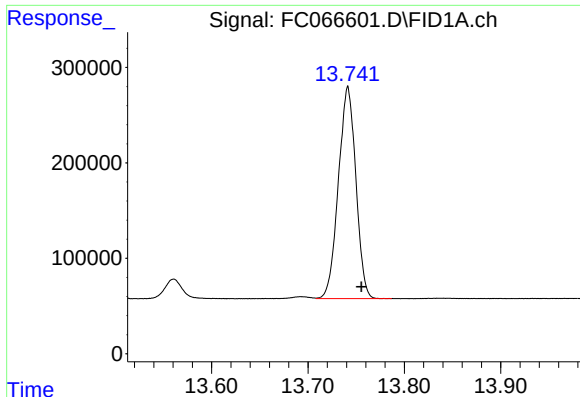
#11 n-Heneicosane (C21)

R.T.: 13.154 min
Delta R.T.: -0.014 min
Response: 2790882
Conc: 20.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.987 min
Delta R.T.: -0.013 min
Response: 2378923
Conc: 20.82 ug/ml



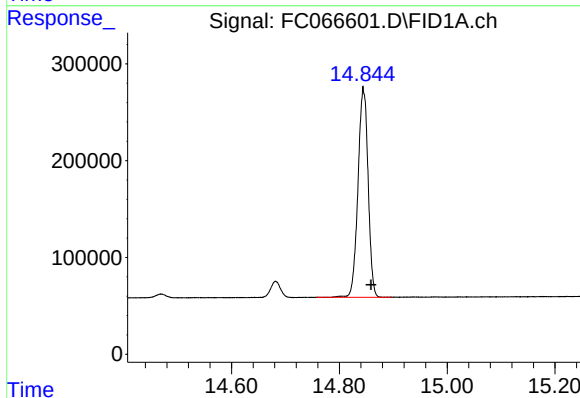
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.014 min
Response: 2786553
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

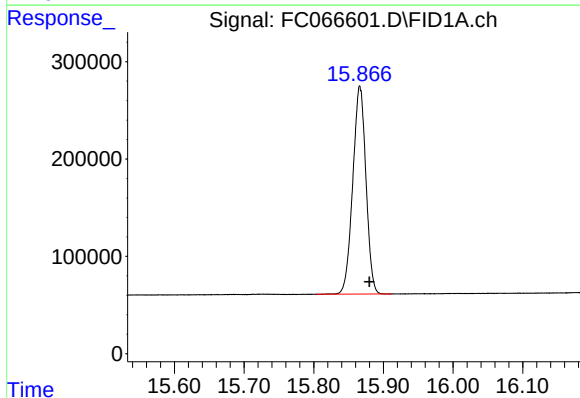
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2024
Supervised By :Ankita Jodhani 06/14/2024



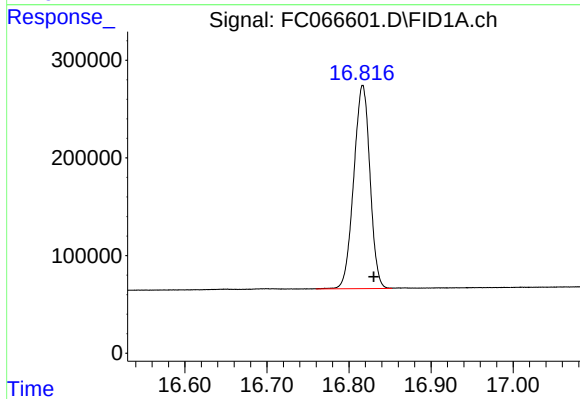
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.014 min
Response: 2819118
Conc: 21.66 ug/ml



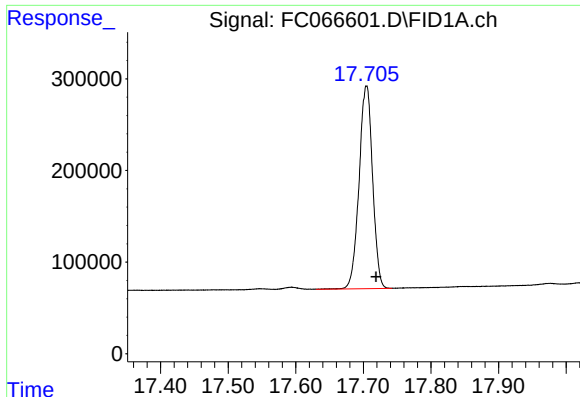
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.014 min
Response: 2804426
Conc: 22.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.816 min
Delta R.T.: -0.014 min
Response: 2863780
Conc: 23.07 ug/ml m



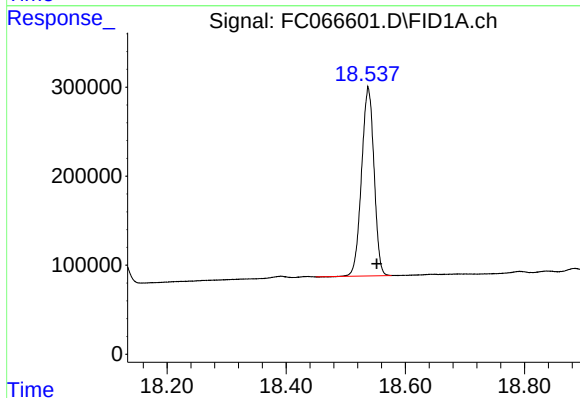
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.014 min
Response: 3072808
Conc: 24.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

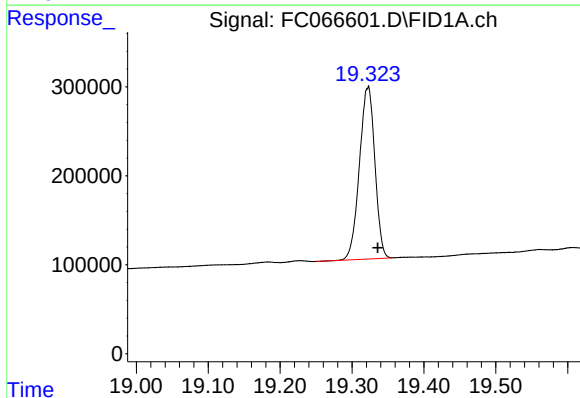
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2024
Supervised By :Ankita Jodhani 06/14/2024



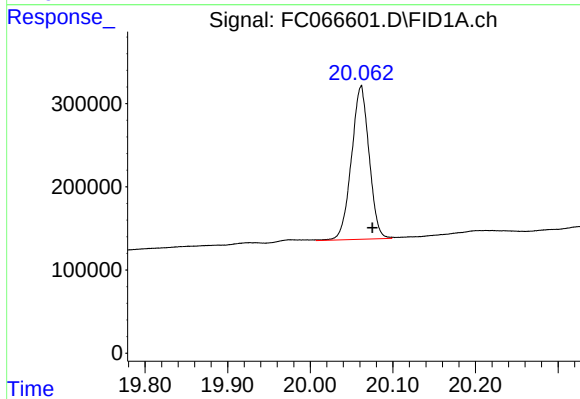
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.014 min
Response: 3075086
Conc: 24.98 ug/ml



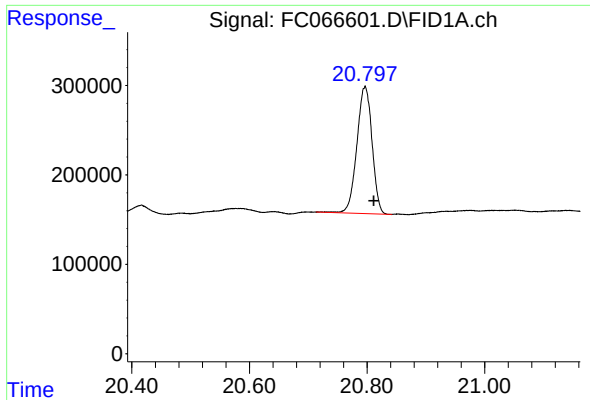
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: -0.014 min
Response: 2887326
Conc: 24.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: -0.013 min
Response: 2739686
Conc: 22.61 ug/ml m



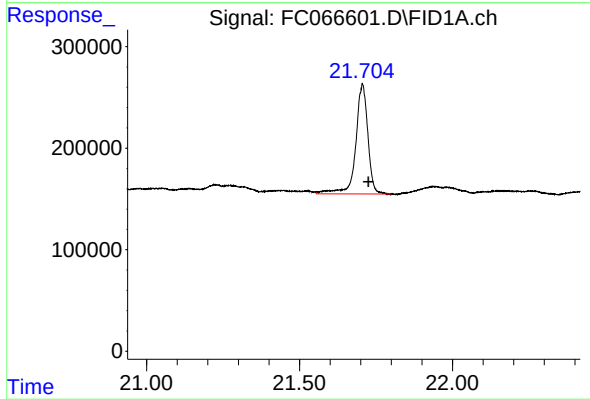
#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.015 min
Response: 2542305
Conc: 21.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2024
Supervised By :Ankita Jodhani 06/14/2024



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: -0.019 min
Response: 2990731
Conc: 24.42 ug/ml