

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066587.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2024 17:42
 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 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 03:54:45 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)	11.551	3085817	20.302 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	12.989	2359330	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.303	2821859	20.163 ug/ml
2) T n-Decane (C10)	4.372	2960437	20.575 ug/ml
3) T A~Naphthalene (C11.7)	5.959	3252249	20.409 ug/ml
4) T n-Dodecane (C12)	6.393	2949668	20.485 ug/ml
5) T A~2-methylnaphthalene...	7.017	3122075	20.357 ug/ml
6) T n-Tetradecane (C14)	8.190	2877552	20.383 ug/ml
7) T n-Hexadecane (C16)	9.792	2944983	20.492 ug/ml
8) T n-Octadecane (C18)	11.235	2929151	20.468 ug/ml
10) T n-Eicosane (C20)	12.545	2805005	20.615 ug/ml
11) T n-Heneicosane (C21)	13.156	2749702	20.627 ug/ml
13) T n-Docosane (C22)	13.743	2752691	20.886 ug/ml
14) T n-Tetracosane (C24)	14.847	2784988	21.394 ug/ml
15) T n-Hexacosane (C26)	15.869	2764399	21.736 ug/ml
16) T n-Octacosane (C28)	16.817	2843553	22.904 ug/mlm
17) T n-Tricontane (C30)	17.707	3017058	23.940 ug/ml
18) T n-Dotriacontane (C32)	18.541	2952398	23.988 ug/ml
19) T n-Tetratriacontane (C34)	19.324	2930245	24.434 ug/ml
20) T n-Hexatriacontane (C36)	20.064	2790059	23.029 ug/mlm
21) T n-Octatriacontane (C38)	20.799	2579832	22.301 ug/ml
22) T n-Tetracontane (C40)	21.711	2703012	22.066 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
Data File : FC066587.D
Signal(s) : FID1A.ch
Acq On : 12 Jun 2024 17:42
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

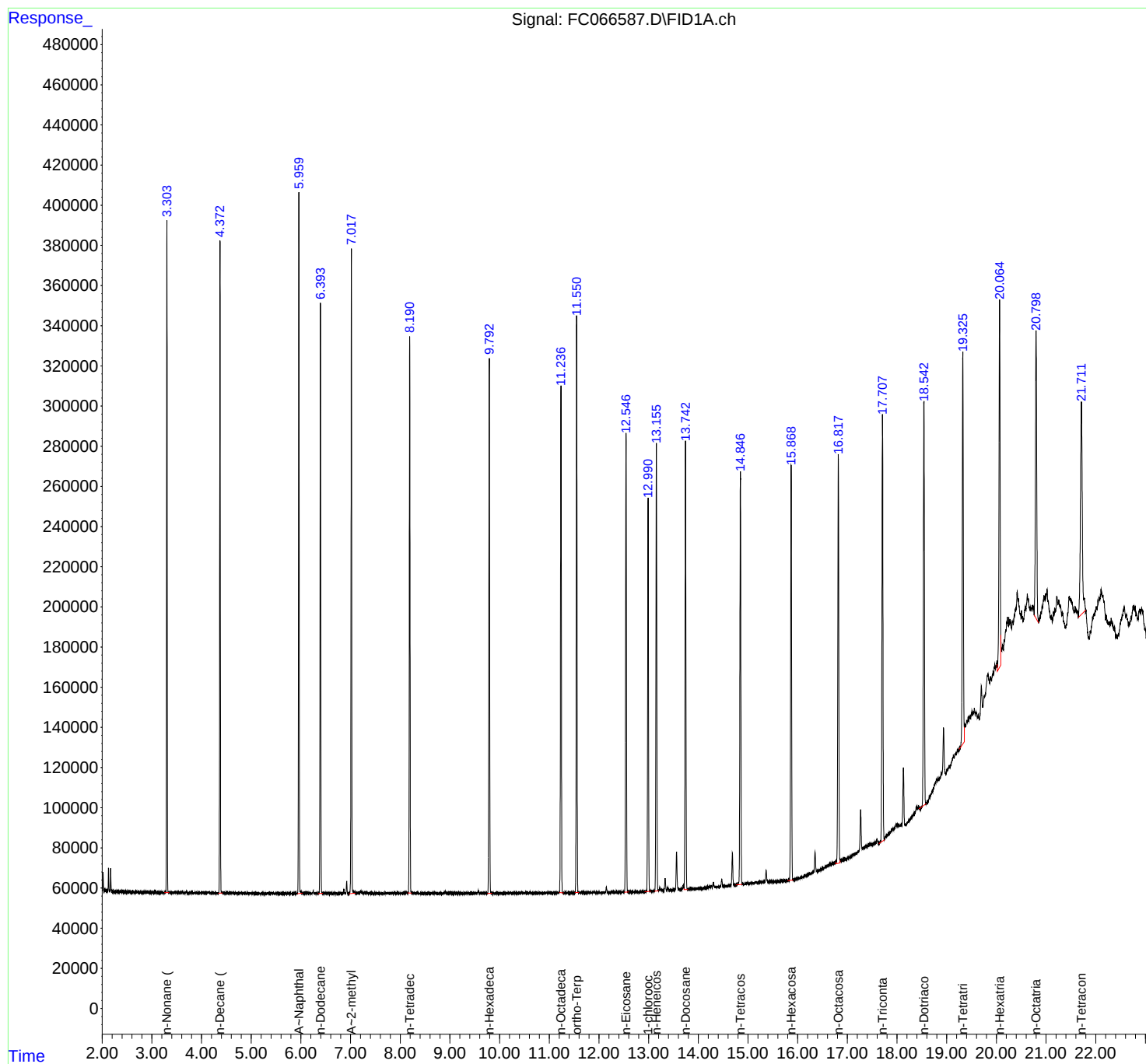
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

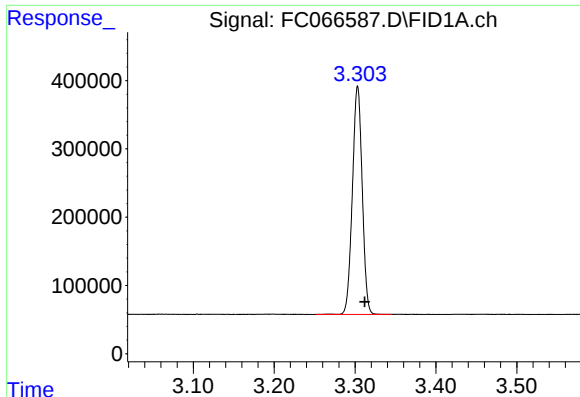
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2024
Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
Quant Time: Jun 13 03:54:45 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





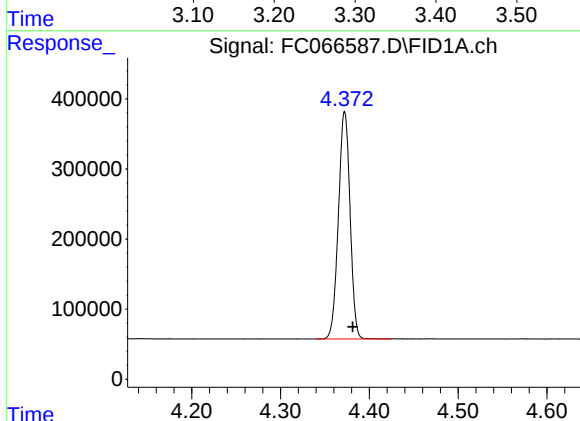
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.009 min
Response: 2821859
Conc: 20.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

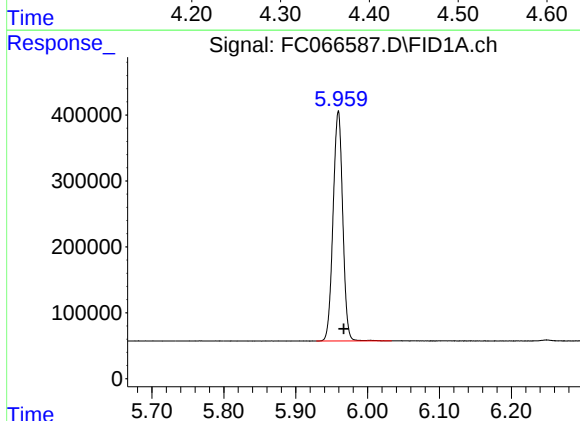
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2024
Supervised By :Ankita Jodhani 06/13/2024



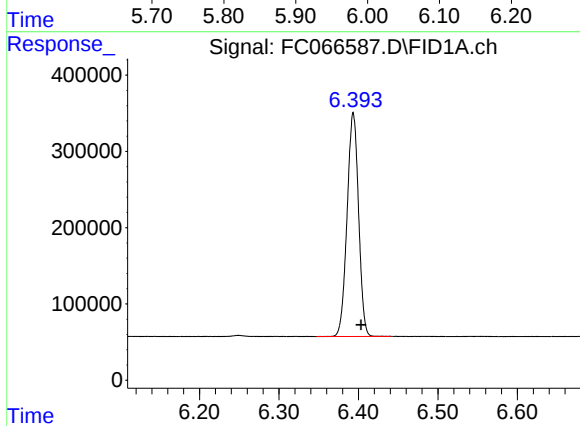
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.009 min
Response: 2960437
Conc: 20.58 ug/ml



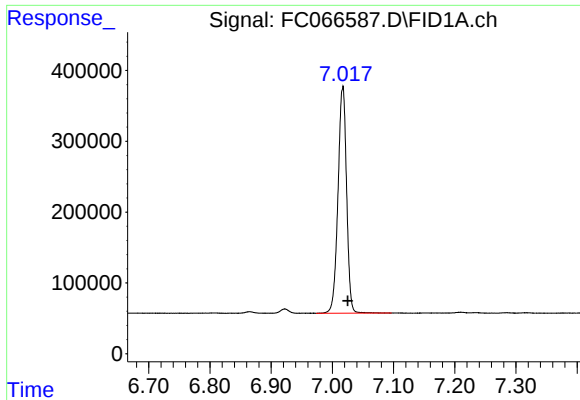
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 3252249
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.010 min
Response: 2949668
Conc: 20.48 ug/ml



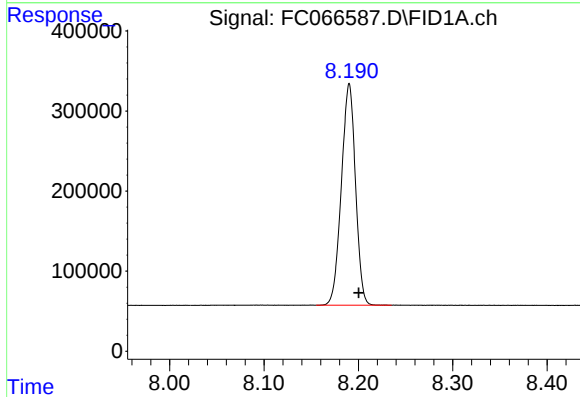
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 3122075
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

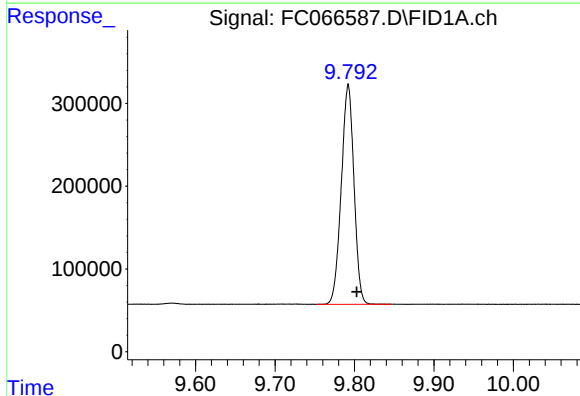
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2024
Supervised By :Ankita Jodhani 06/13/2024



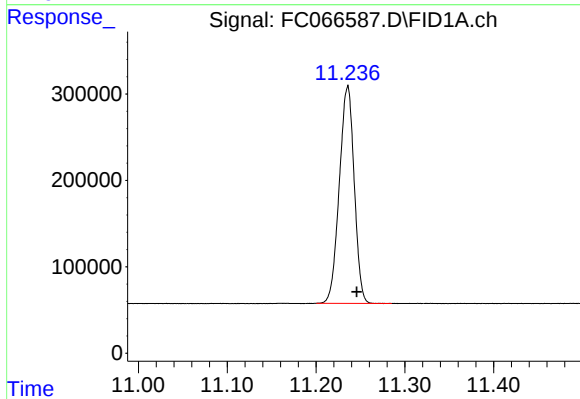
#6 n-Tetradecane (C14)

R.T.: 8.190 min
Delta R.T.: -0.010 min
Response: 2877552
Conc: 20.38 ug/ml



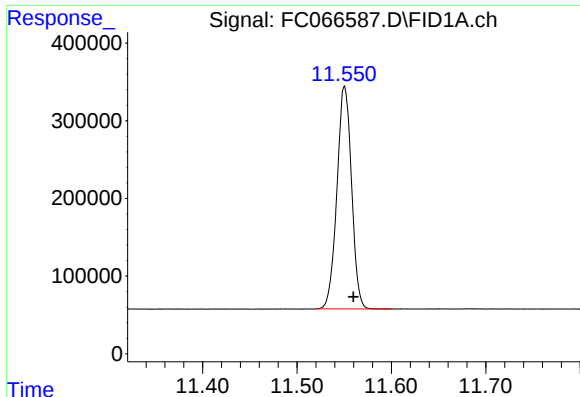
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.011 min
Response: 2944983
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: -0.010 min
Response: 2929151
Conc: 20.47 ug/ml



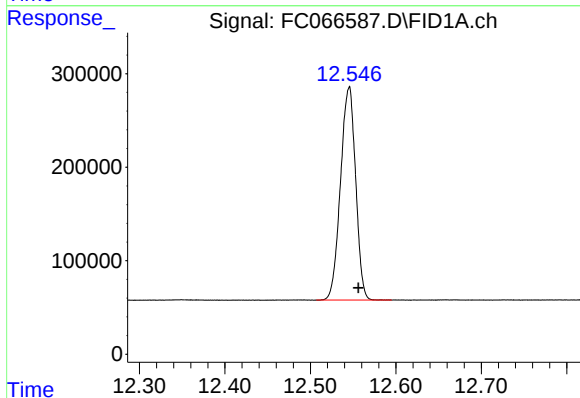
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: -0.009 min
Response: 3085817
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

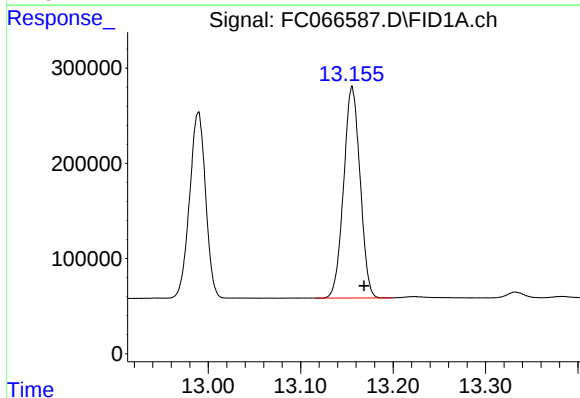
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2024
Supervised By :Ankita Jodhani 06/13/2024



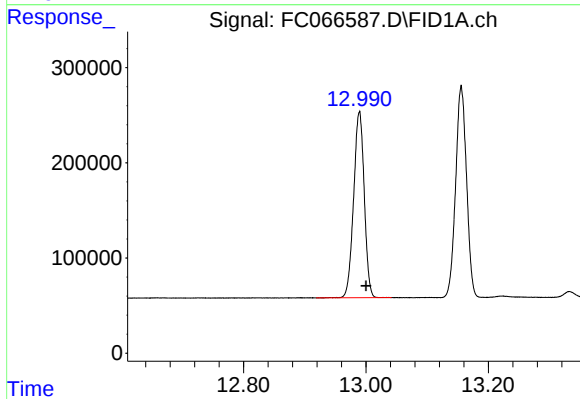
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.011 min
Response: 2805005
Conc: 20.62 ug/ml



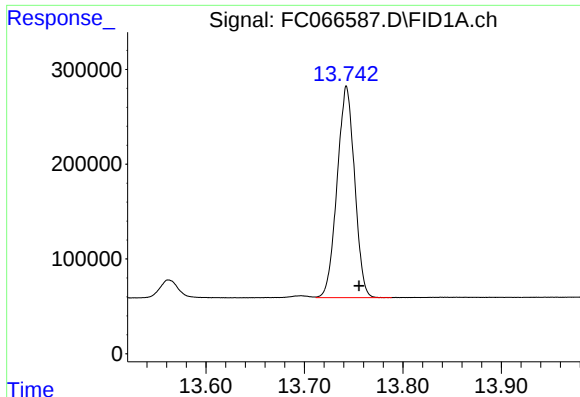
#11 n-Heneicosane (C21)

R.T.: 13.156 min
Delta R.T.: -0.013 min
Response: 2749702
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: -0.011 min
Response: 2359330
Conc: 20.65 ug/ml



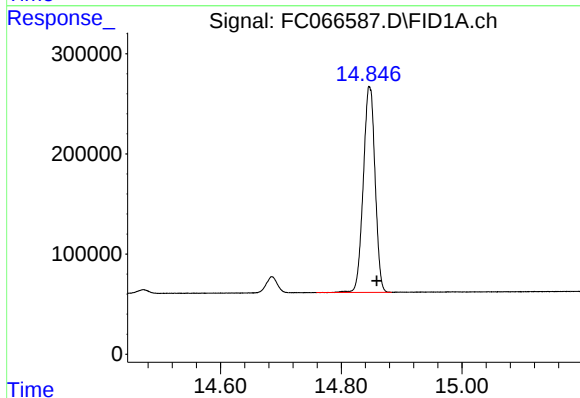
#13 n-Docosane (C22)

R.T.: 13.743 min
Delta R.T.: -0.013 min
Response: 2752691
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

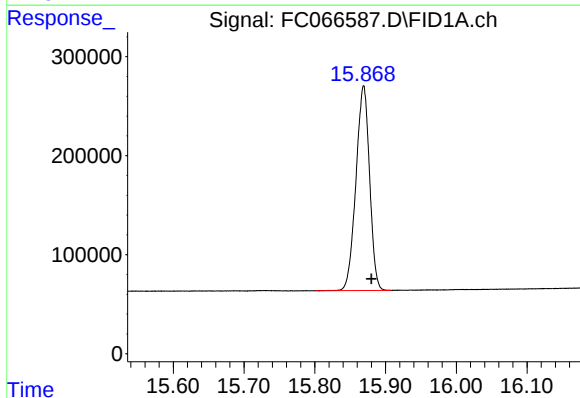
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2024
Supervised By :Ankita Jodhani 06/13/2024



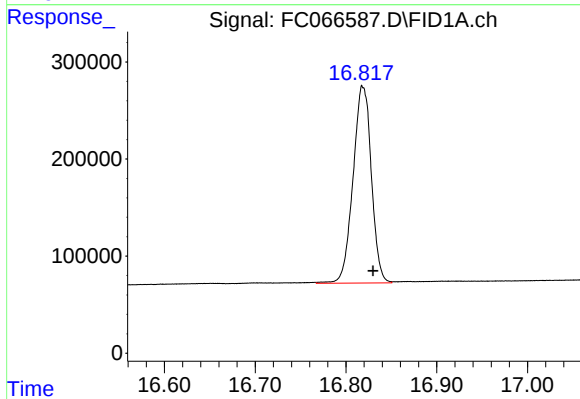
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.012 min
Response: 2784988
Conc: 21.39 ug/ml



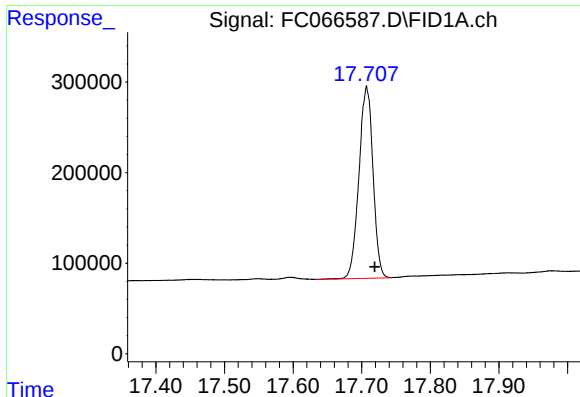
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.011 min
Response: 2764399
Conc: 21.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.817 min
Delta R.T.: -0.013 min
Response: 2843553
Conc: 22.90 ug/ml m



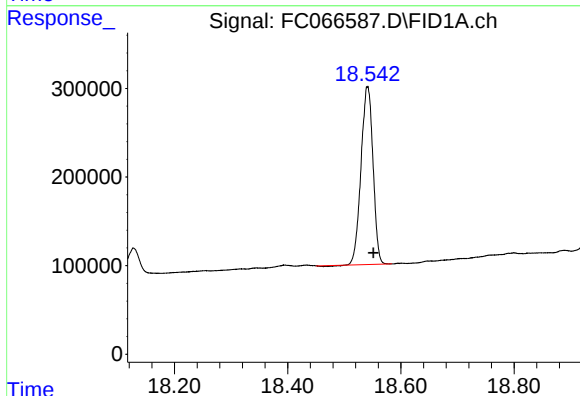
#17 n-Tricontane (C30)

R.T.: 17.707 min
Delta R.T.: -0.012 min
Response: 3017058
Conc: 23.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

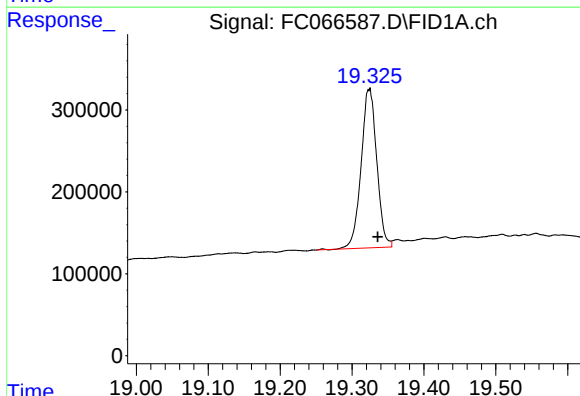
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2024
Supervised By :Ankita Jodhani 06/13/2024



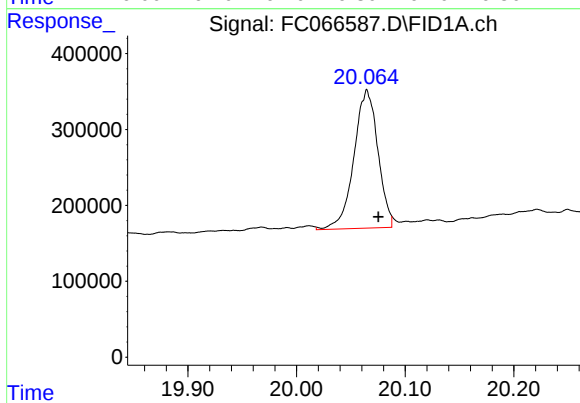
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.010 min
Response: 2952398
Conc: 23.99 ug/ml



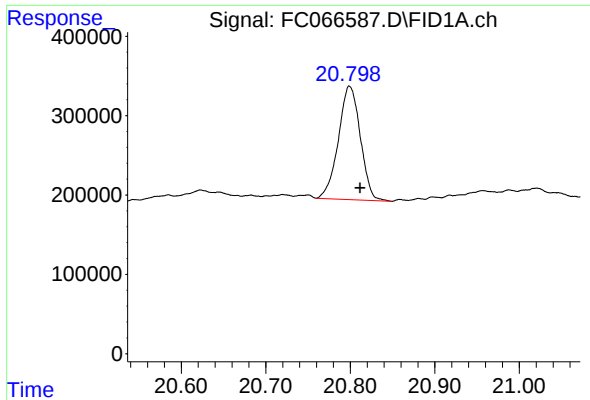
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.012 min
Response: 2930245
Conc: 24.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.011 min
Response: 2790059
Conc: 23.03 ug/ml m



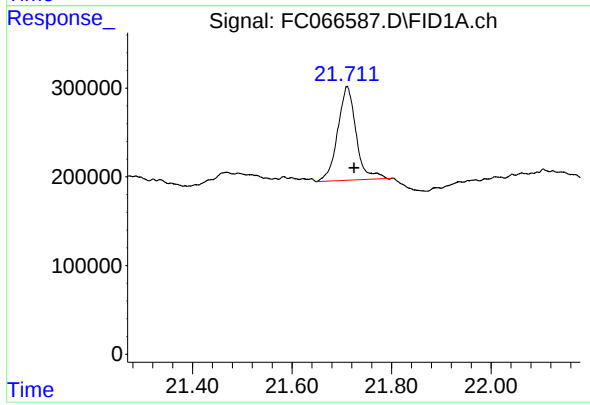
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.012 min
Response: 2579832
Conc: 22.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2024
Supervised By :Ankita Jodhani 06/13/2024



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.014 min
Response: 2703012
Conc: 22.07 ug/ml