

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068224.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 08:50
 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 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 07 22:11:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.405	3164922	20.253 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	12.846	2333447	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.211	3007383	21.962 ug/ml
2) T n-Decane (C10)	4.268	3047437	21.950 ug/ml
3) T A~Naphthalene (C11.7)	5.836	3310503	22.051 ug/ml
4) T n-Dodecane (C12)	6.277	3014487	21.578 ug/ml
5) T A~2-methylnaphthalene...	6.889	3097345	21.564 ug/ml
6) T n-Tetradecane (C14)	8.066	2891035	21.183 ug/ml
7) T n-Hexadecane (C16)	9.662	2893025	20.821 ug/ml
8) T n-Octadecane (C18)	11.100	2867346	20.493 ug/ml
10) T n-Eicosane (C20)	12.406	2718407	20.317 ug/ml
11) T n-Heneicosane (C21)	13.016	2654775	20.213 ug/ml
13) T n-Docosane (C22)	13.600	2637769	20.363 ug/mlm
14) T n-Tetracosane (C24)	14.702	2611925	20.344 ug/ml
15) T n-Hexacosane (C26)	15.721	2566745	20.397 ug/ml
16) T n-Octacosane (C28)	16.669	2528867	20.219 ug/ml
17) T n-Tricontane (C30)	17.556	2584150	19.993 ug/ml
18) T n-Dotriacontane (C32)	18.388	2503658	20.027 ug/ml
19) T n-Tetratriacontane (C34)	19.170	2210512	20.378 ug/ml
20) T n-Hexatriacontane (C36)	19.907	1926796	20.820 ug/ml
21) T n-Octatriacontane (C38)	20.621	1834885	21.414 ug/ml
22) T n-Tetracontane (C40)	21.474	1815220	22.449 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
Data File : FC068224.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 08:50
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

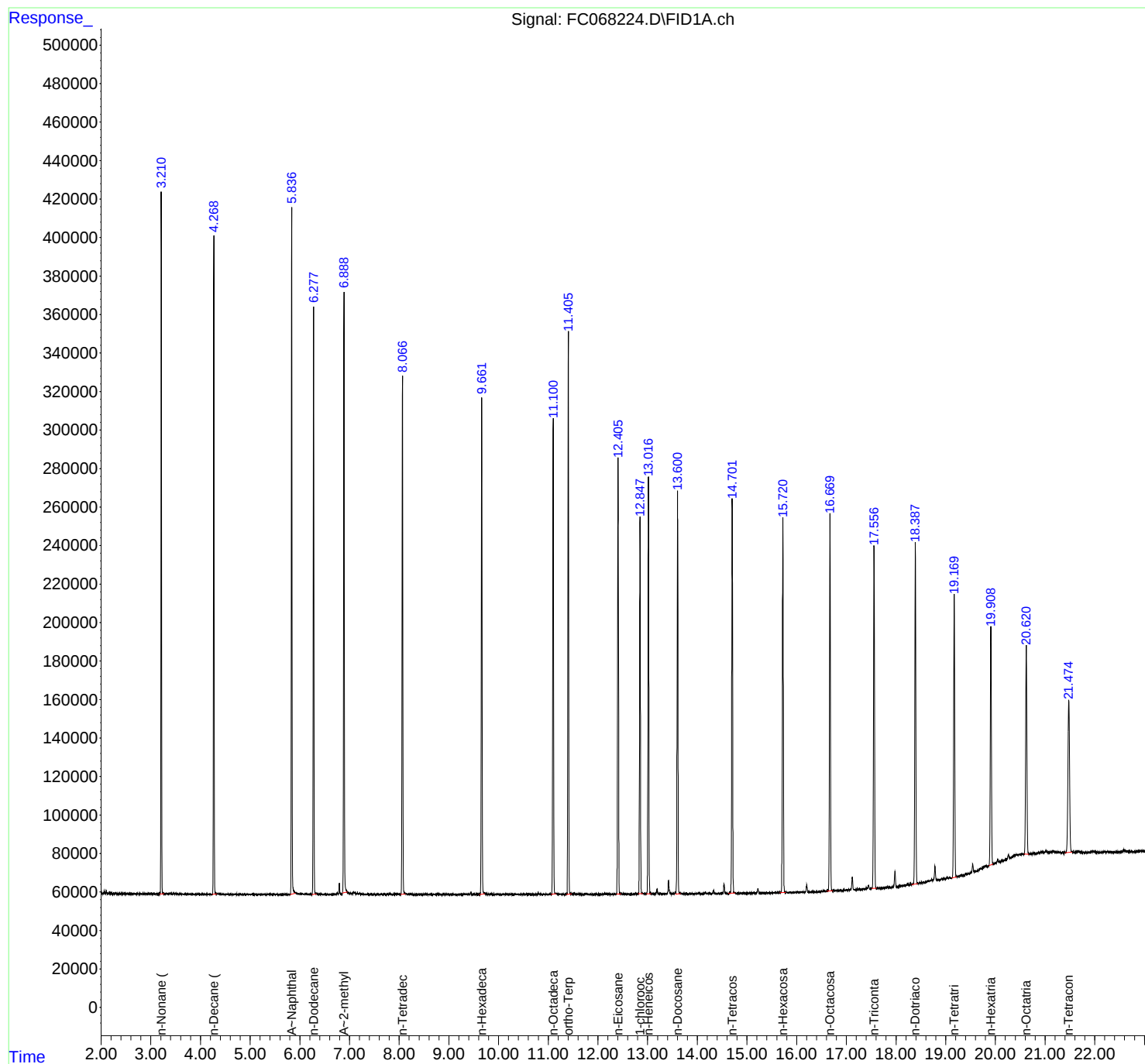
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

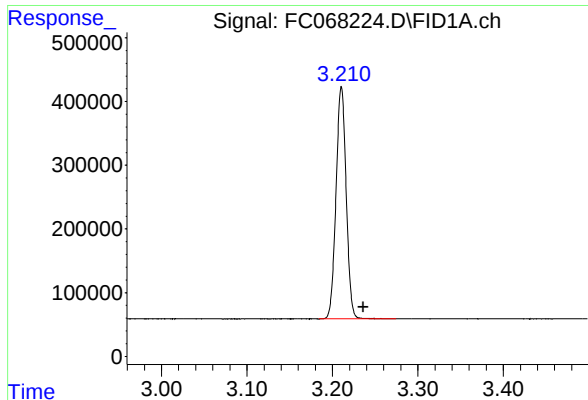
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
Quant Time: Feb 07 22:11:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 04:31:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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





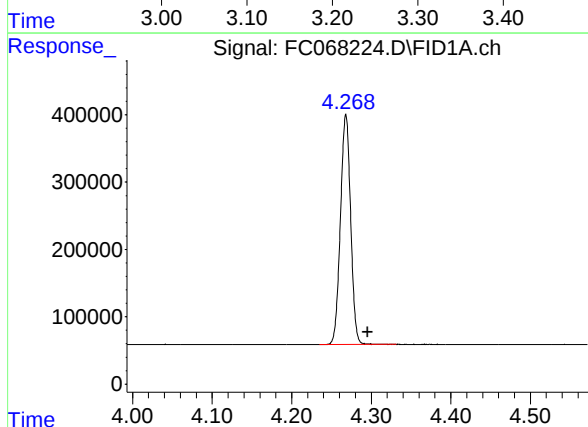
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.025 min
Response: 3007383
Conc: 21.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

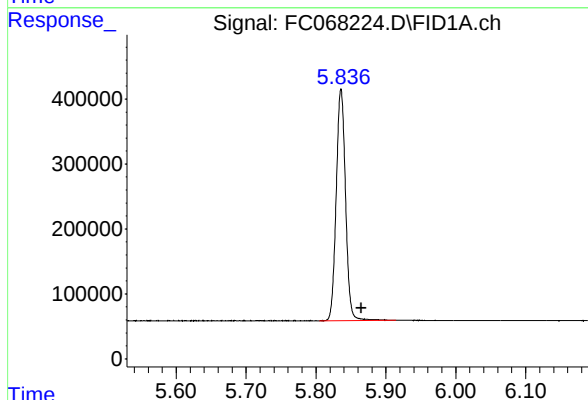
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



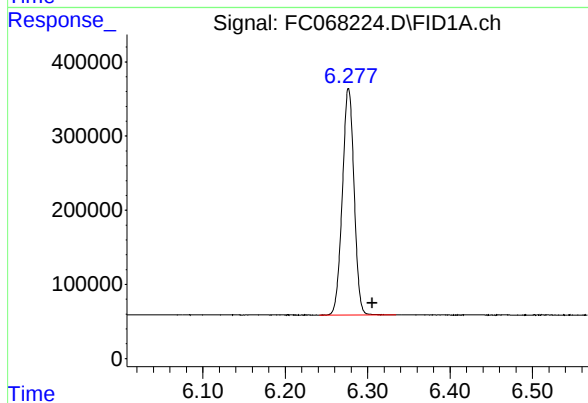
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: -0.027 min
Response: 3047437
Conc: 21.95 ug/ml



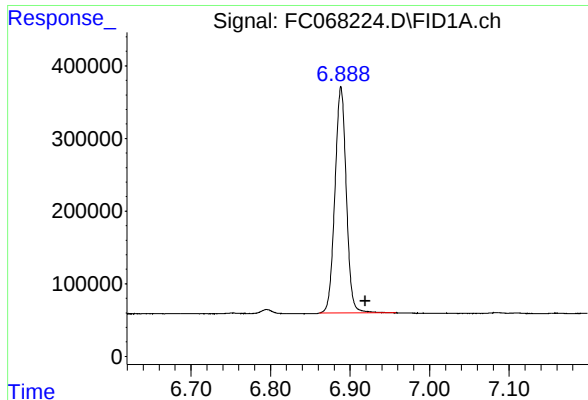
#3 A~Naphthalene (C11.7)

R.T.: 5.836 min
Delta R.T.: -0.029 min
Response: 3310503
Conc: 22.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.277 min
Delta R.T.: -0.029 min
Response: 3014487
Conc: 21.58 ug/ml



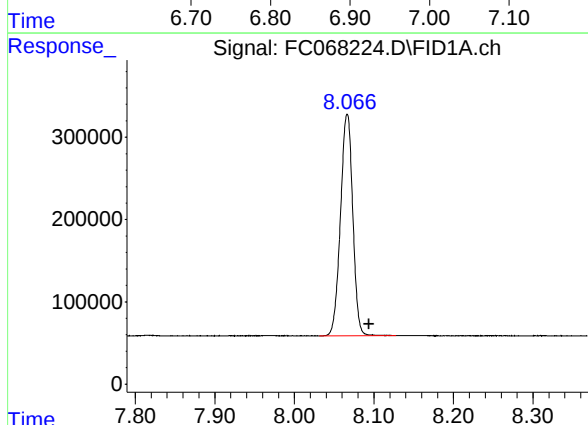
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: -0.031 min
Response: 3097345
Conc: 21.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

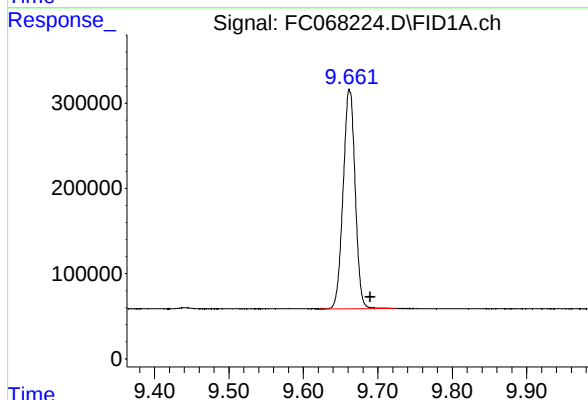
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



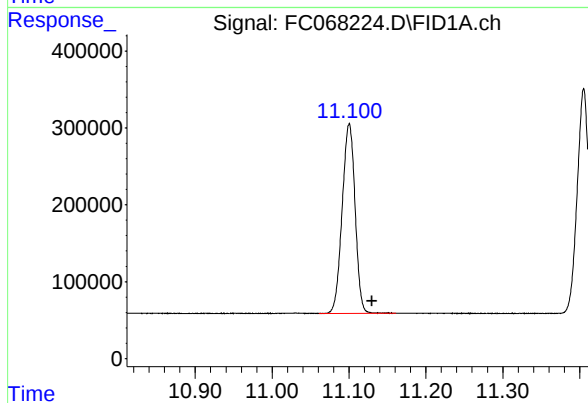
#6 n-Tetradecane (C14)

R.T.: 8.066 min
Delta R.T.: -0.028 min
Response: 2891035
Conc: 21.18 ug/ml



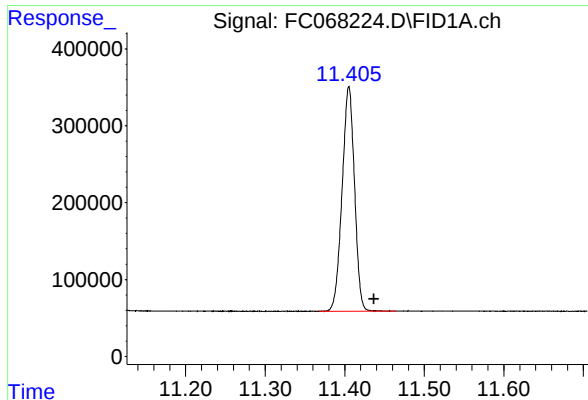
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.028 min
Response: 2893025
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.100 min
Delta R.T.: -0.029 min
Response: 2867346
Conc: 20.49 ug/ml



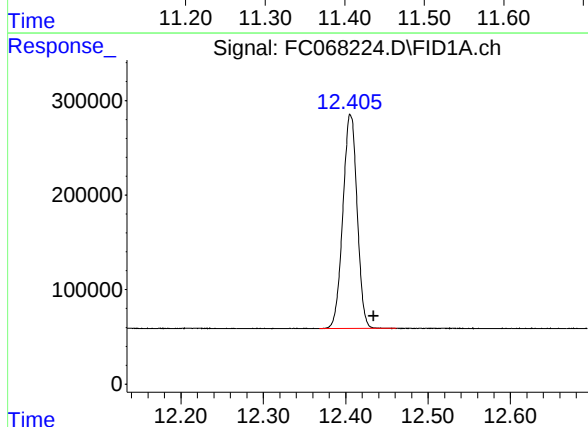
#9 ortho-Terphenyl (SURR)

R.T.: 11.405 min
Delta R.T.: -0.032 min
Response: 3164922
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

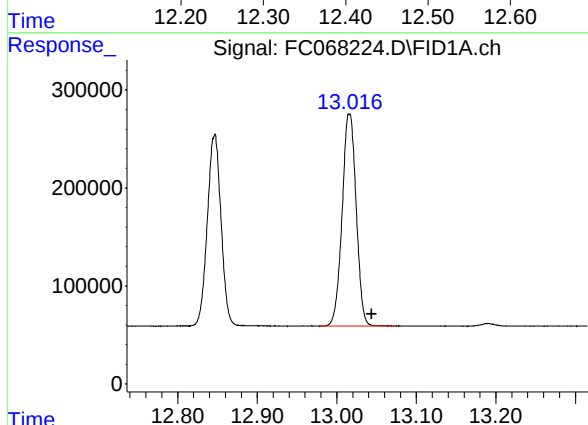
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



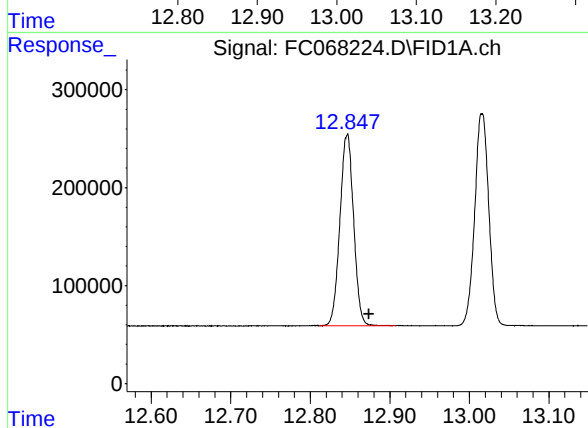
#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: -0.028 min
Response: 2718407
Conc: 20.32 ug/ml



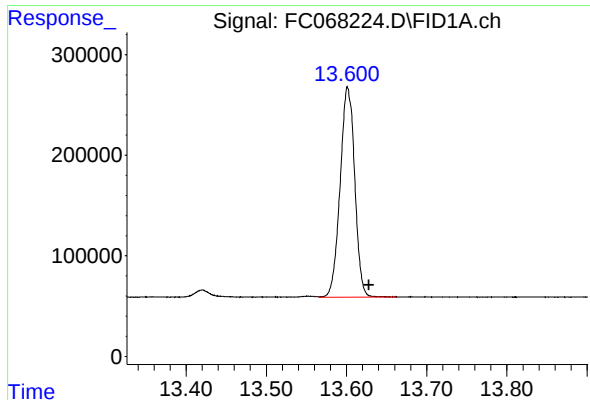
#11 n-Heneicosane (C21)

R.T.: 13.016 min
Delta R.T.: -0.028 min
Response: 2654775
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.846 min
Delta R.T.: -0.028 min
Response: 2333447
Conc: 20.29 ug/ml



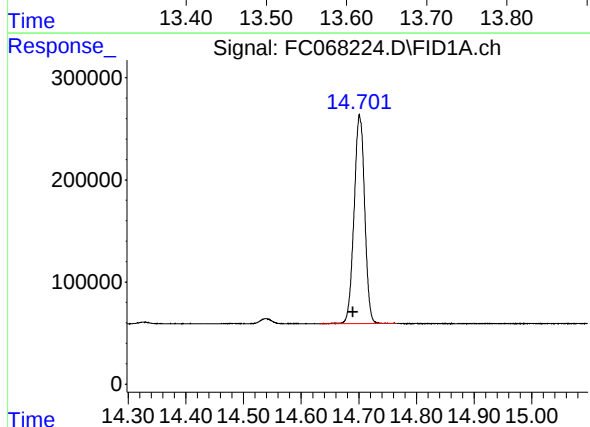
#13 n-Docosane (C22)

R.T.: 13.600 min
Delta R.T.: -0.028 min
Response: 2637769
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

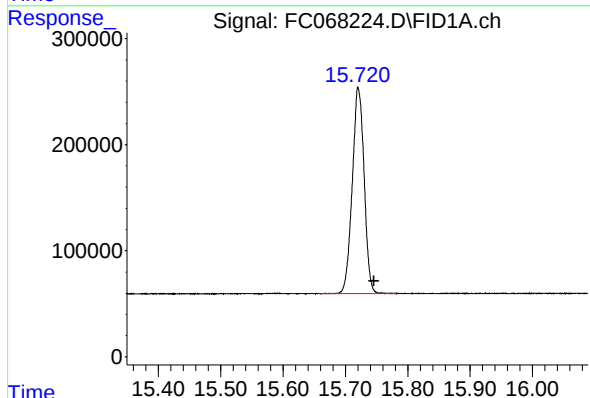
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



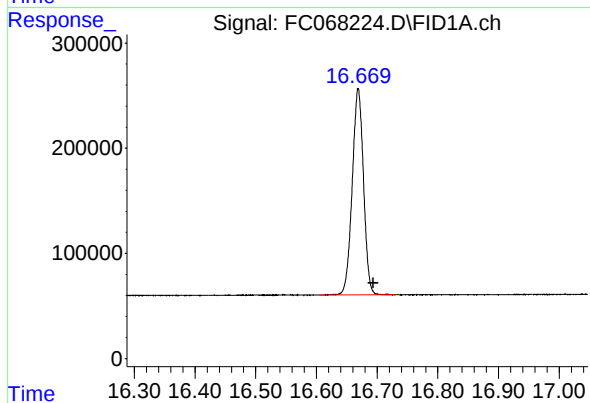
#14 n-Tetracosane (C24)

R.T.: 14.702 min
Delta R.T.: 0.012 min
Response: 2611925
Conc: 20.34 ug/ml



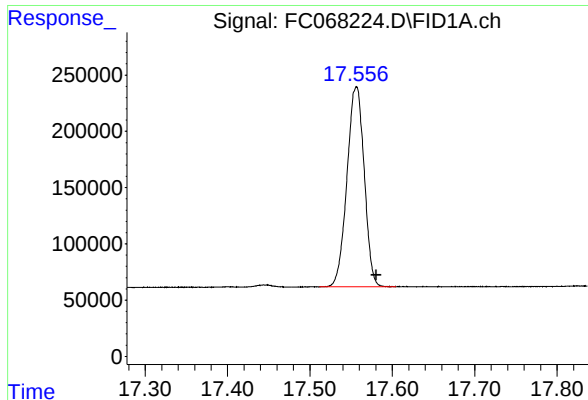
#15 n-Hexacosane (C26)

R.T.: 15.721 min
Delta R.T.: -0.025 min
Response: 2566745
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.669 min
Delta R.T.: -0.025 min
Response: 2528867
Conc: 20.22 ug/ml



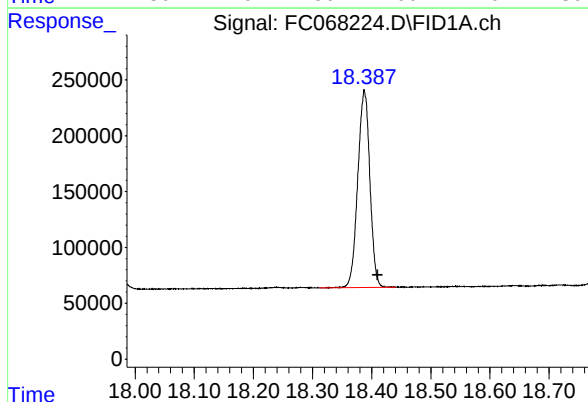
#17 n-Tricontane (C30)

R.T.: 17.556 min
Delta R.T.: -0.024 min
Response: 2584150
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

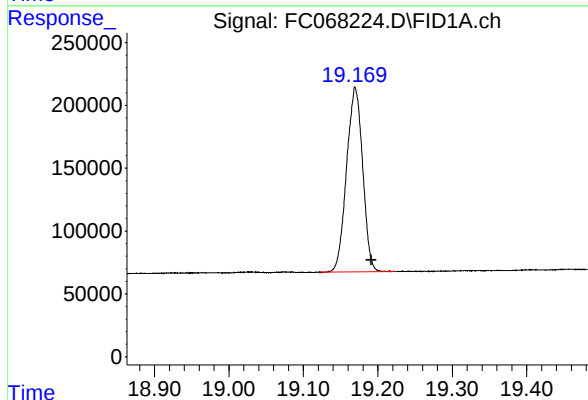
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



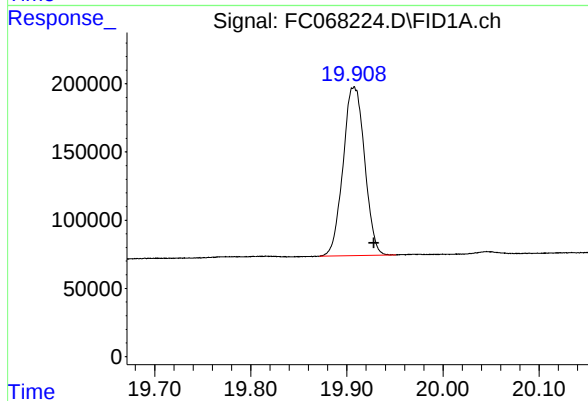
#18 n-Dotriacontane (C32)

R.T.: 18.388 min
Delta R.T.: -0.023 min
Response: 2503658
Conc: 20.03 ug/ml



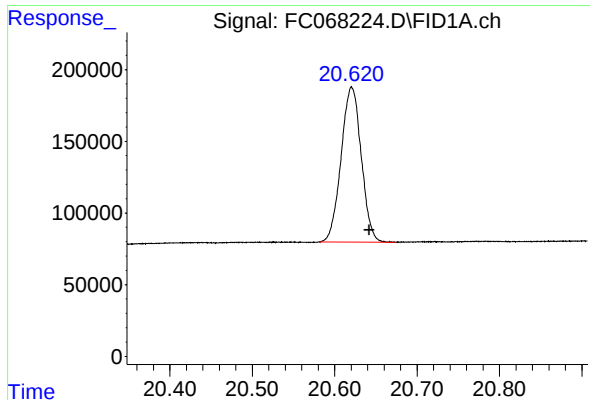
#19 n-Tetatriacontane (C34)

R.T.: 19.170 min
Delta R.T.: -0.021 min
Response: 2210512
Conc: 20.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: -0.021 min
Response: 1926796
Conc: 20.82 ug/ml



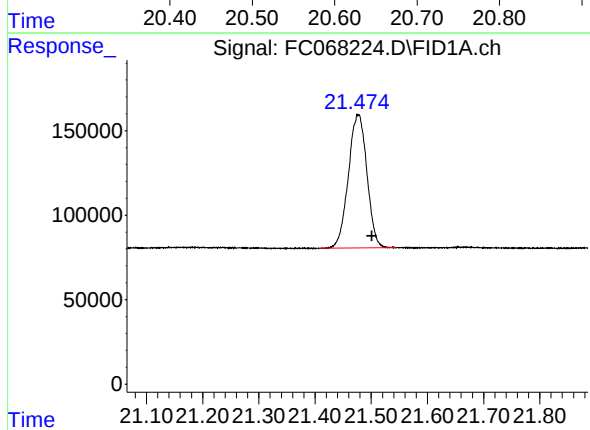
#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: -0.021 min
Response: 1834885
Conc: 21.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: -0.027 min
Response: 1815220
Conc: 22.45 ug/ml m