

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020525AL\
 Data File : FC068197.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 15:58
 Operator : YP/AJ
 Sample : Q1290-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: autoint1.e
 Quant Time: Feb 06 04:13:13 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)	11.404	4169262	26.680 ug/ml
Spiked Amount 50.000		Recovery =	53.36%
12) S 1-chlorooctadecane (S...	12.845	3219479	27.995 ug/ml
Spiked Amount 50.000		Recovery =	55.99%
Target Compounds			
1) T n-Nonane (C9)	3.225	5000439	36.517 ug/ml
2) T n-Decane (C10)	4.276	5202713	37.475 ug/mlm
3) T A~Naphthalene (C11.7)	5.839	6042333	40.248 ug/ml
4) T n-Dodecane (C12)	6.280	5216755	37.343 ug/ml
5) T A~2-methylnaphthalene...	6.891	5412878	37.686 ug/ml
6) T n-Tetradecane (C14)	8.068	5247505	38.449 ug/ml
7) T n-Hexadecane (C16)	9.662	5111196	36.785 ug/ml
8) T n-Octadecane (C18)	11.100	4972539	35.539 ug/ml
10) T n-Eicosane (C20)	12.446	5845829	43.690 ug/ml
11) T n-Heneicosane (C21)	13.015	4782445	36.413 ug/ml
13) T n-Docosane (C22)	13.600	4707339	36.340 ug/mlm
14) T n-Tetracosane (C24)	14.658	9851546	76.734 ug/mlm
15) T n-Hexacosane (C26)	15.721	4495366	35.724 ug/ml
16) T n-Octacosane (C28)	16.667	4444165	35.533 ug/ml
17) T n-Tricontane (C30)	17.554	4359529	33.728 ug/ml
18) T n-Dotriacontane (C32)	18.384	4374678	34.994 ug/ml
19) T n-Tetratriacontane (C34)	19.167	4312595	39.756 ug/ml
20) T n-Hexatriacontane (C36)	19.906	4086835	44.161 ug/ml
21) T n-Octatriacontane (C38)	20.618	4071720	47.518 ug/mlm
22) T n-Tetracontane (C40)	21.473	4072767	50.368 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020525AL\
Data File : FC068197.D
Signal(s) : FID1A.ch
Acq On : 05 Feb 2025 15:58
Operator : YP/AJ
Sample : Q1290-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

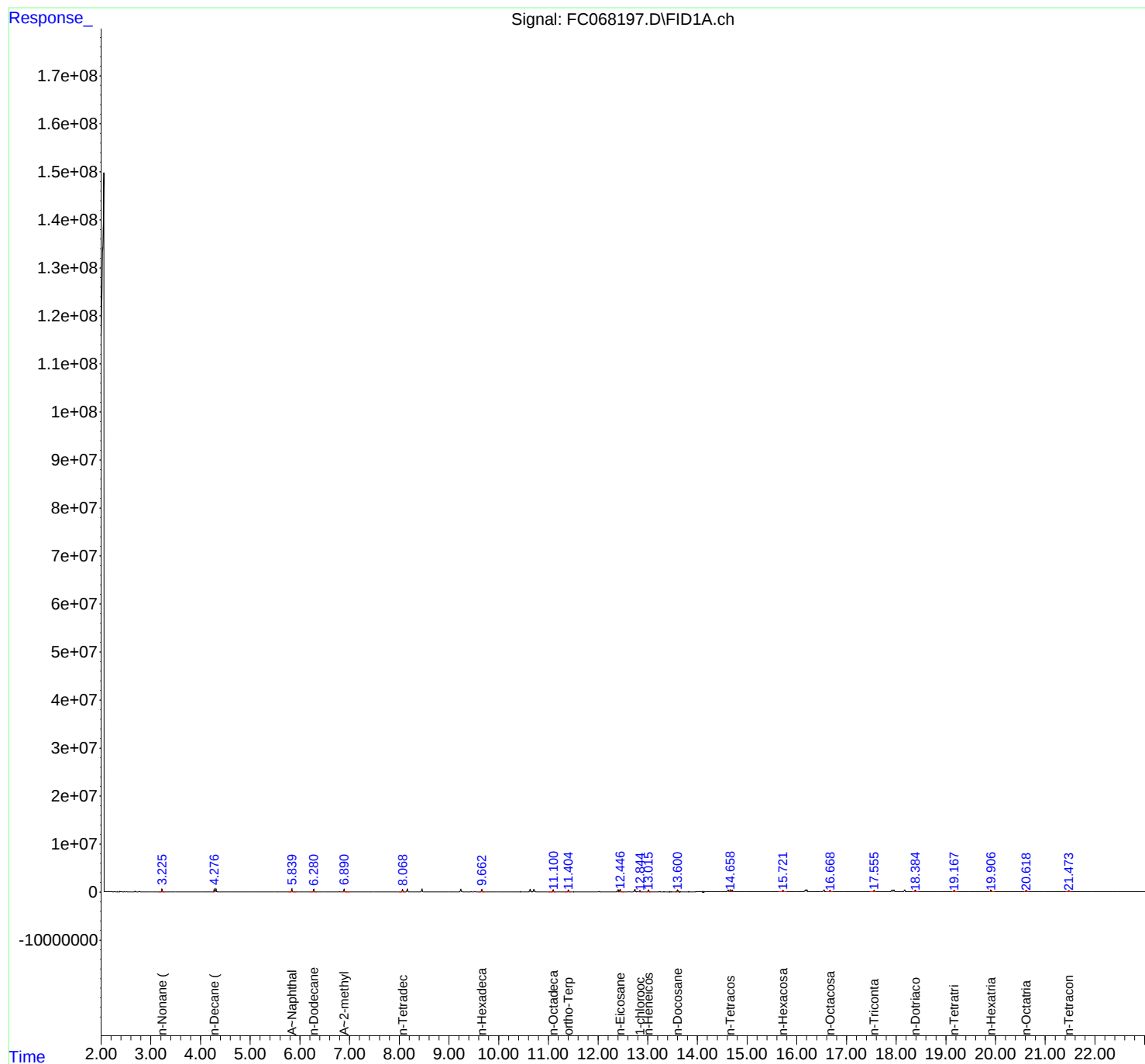
Instrument :
FID_C
ClientSampleId :
1MS

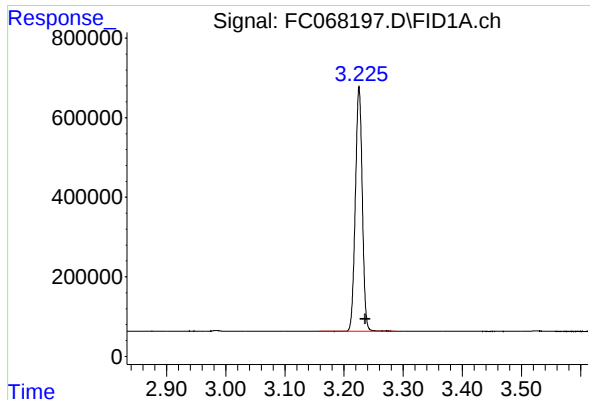
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Integration File: autoint1.e
Quant Time: Feb 06 04:13:13 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





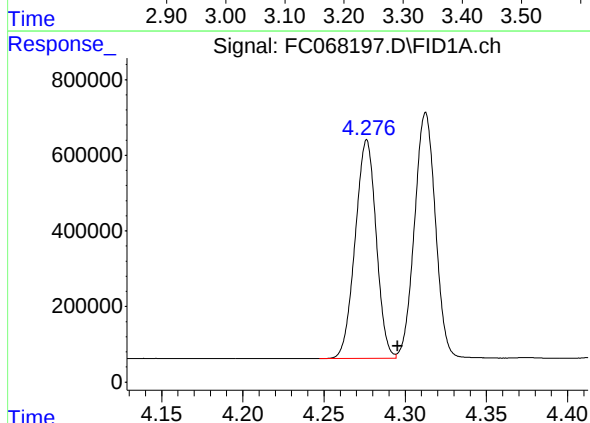
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.011 min
Response: 5000439
Conc: 36.52 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

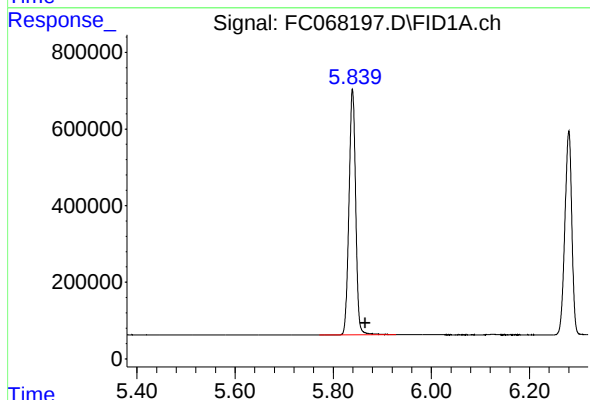
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



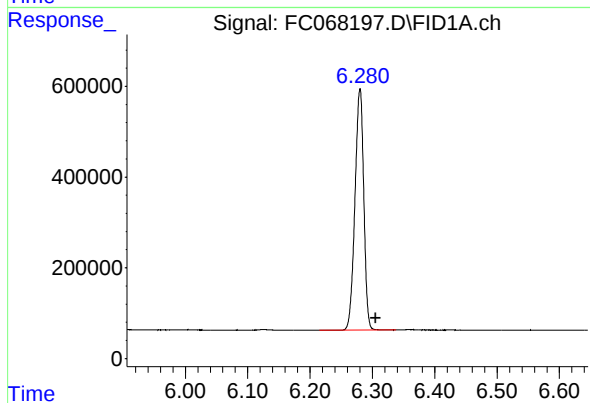
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.019 min
Response: 5202713
Conc: 37.47 ug/ml



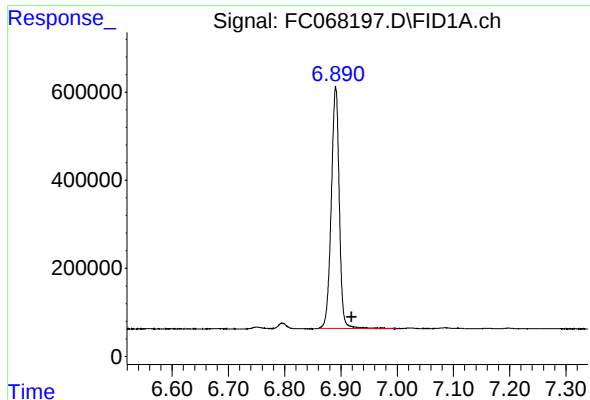
#3 A~Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.026 min
Response: 6042333
Conc: 40.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: -0.026 min
Response: 5216755
Conc: 37.34 ug/ml



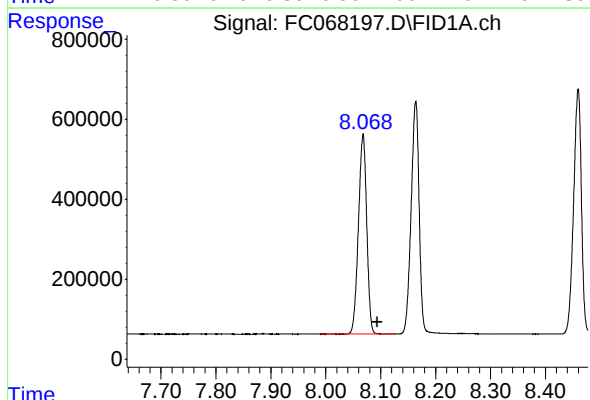
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.029 min
Response: 5412878
Conc: 37.69 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

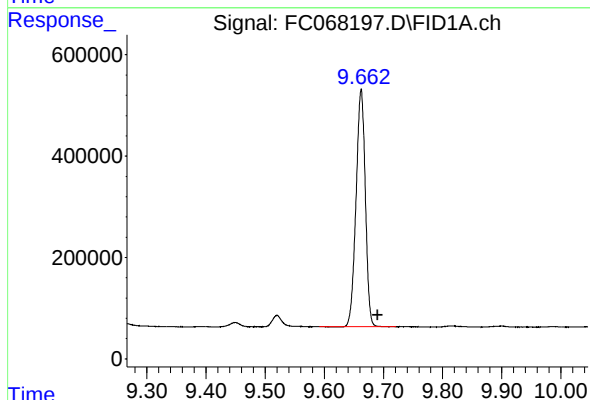
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



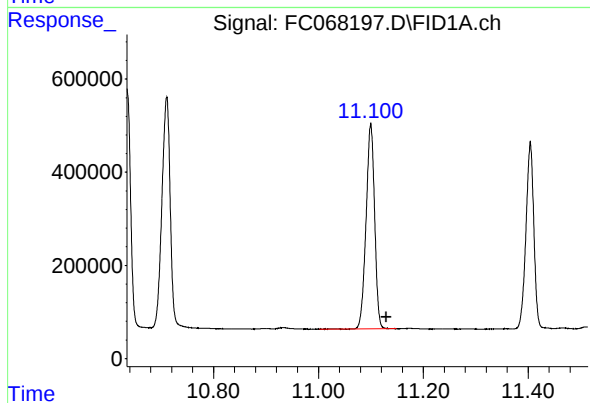
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: -0.026 min
Response: 5247505
Conc: 38.45 ug/ml



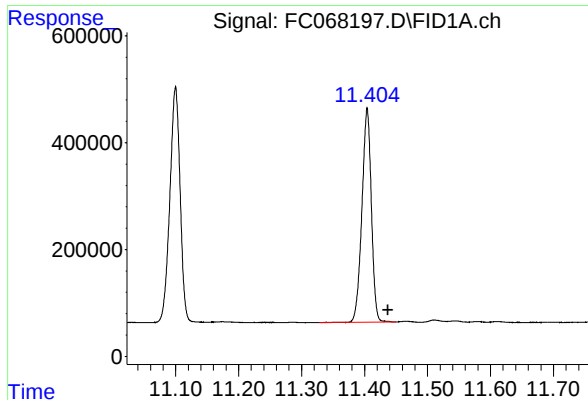
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.028 min
Response: 5111196
Conc: 36.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.100 min
Delta R.T.: -0.030 min
Response: 4972539
Conc: 35.54 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.404 min
Delta R.T.: -0.033 min
Response: 4169262
Conc: 26.68 ug/ml

Instrument :

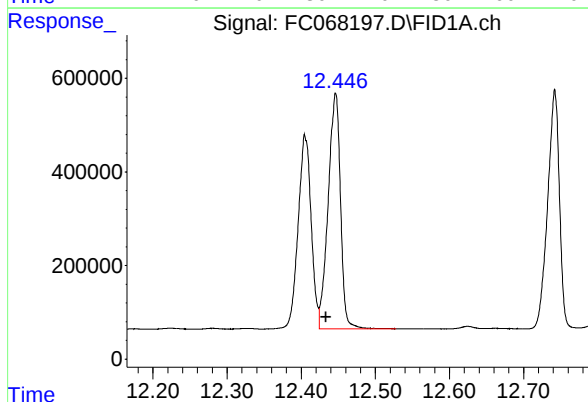
FID_C

ClientSampleId :

1MS

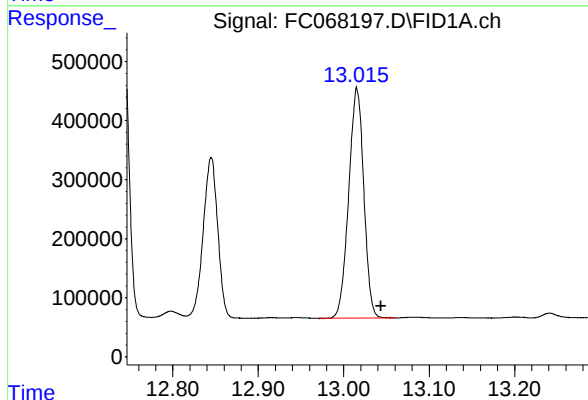
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



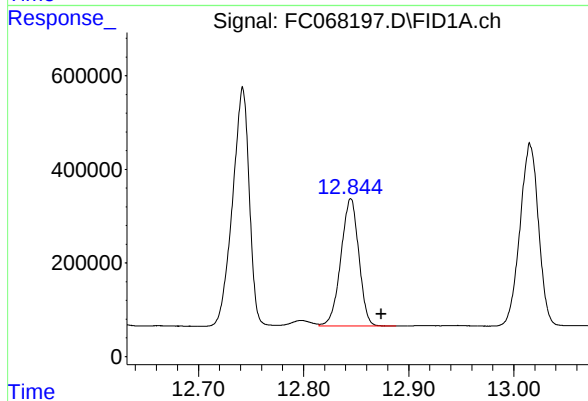
#10 n-Eicosane (C20)

R.T.: 12.446 min
Delta R.T.: 0.012 min
Response: 5845829
Conc: 43.69 ug/ml



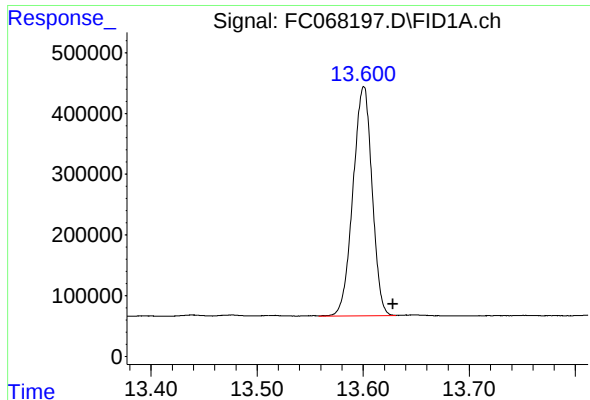
#11 n-Heneicosane (C21)

R.T.: 13.015 min
Delta R.T.: -0.028 min
Response: 4782445
Conc: 36.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.845 min
Delta R.T.: -0.029 min
Response: 3219479
Conc: 27.99 ug/ml



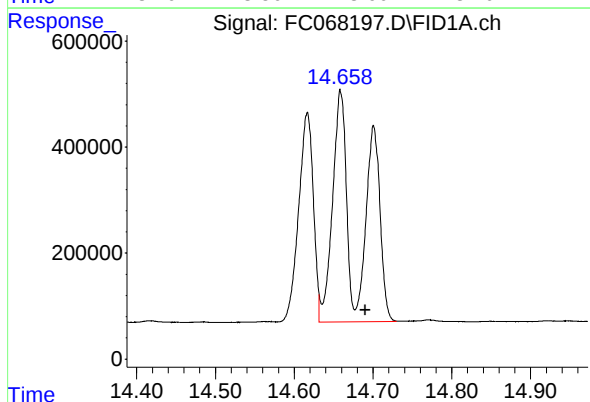
#13 n-Docosane (C22)

R.T.: 13.600 min
Delta R.T.: -0.028 min
Response: 4707339
Conc: 36.34 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

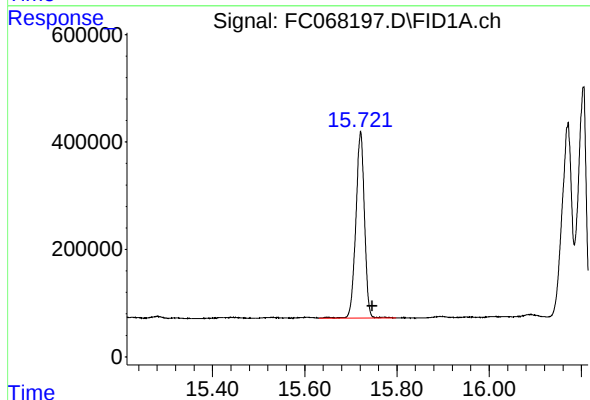
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



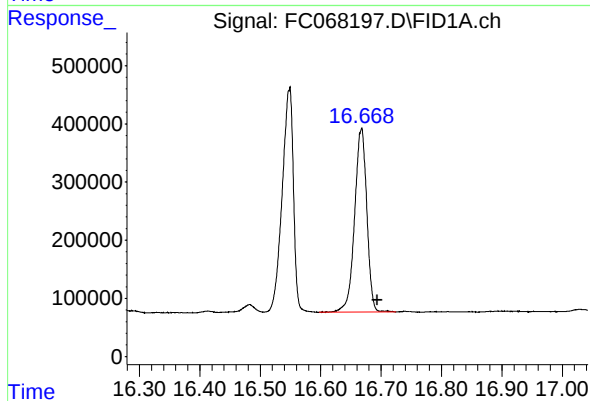
#14 n-Tetracosane (C24)

R.T.: 14.658 min
Delta R.T.: -0.032 min
Response: 9851546
Conc: 76.73 ug/ml



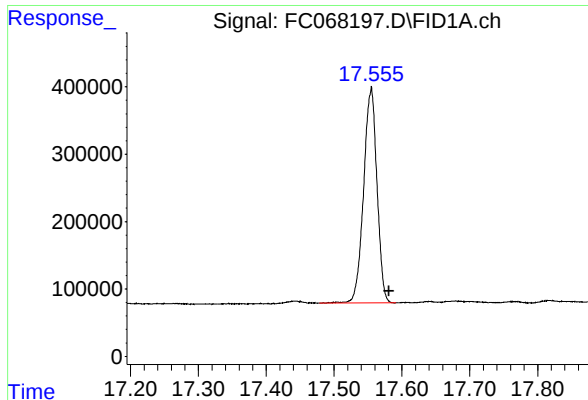
#15 n-Hexacosane (C26)

R.T.: 15.721 min
Delta R.T.: -0.025 min
Response: 4495366
Conc: 35.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: -0.027 min
Response: 4444165
Conc: 35.53 ug/ml



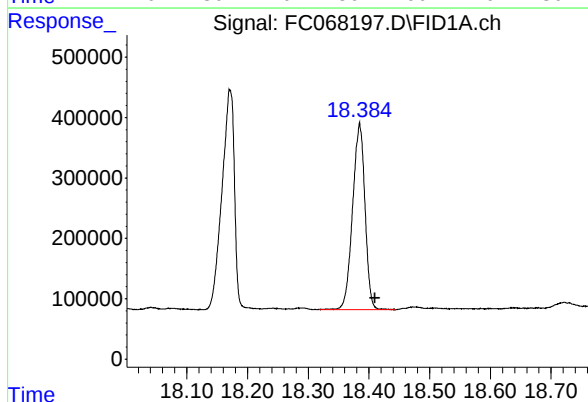
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: -0.026 min
Response: 4359529
Conc: 33.73 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

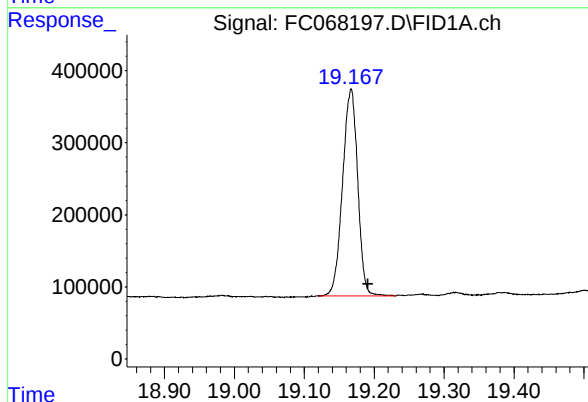
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



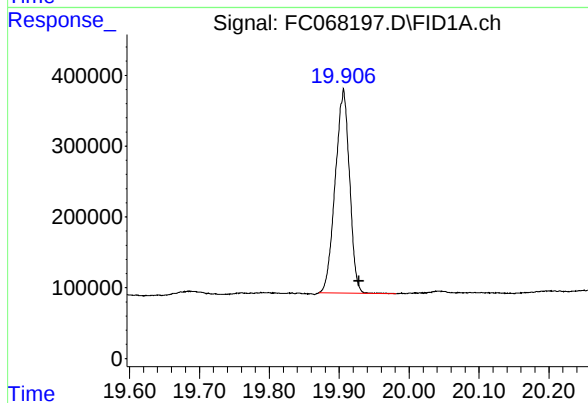
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: -0.026 min
Response: 4374678
Conc: 34.99 ug/ml



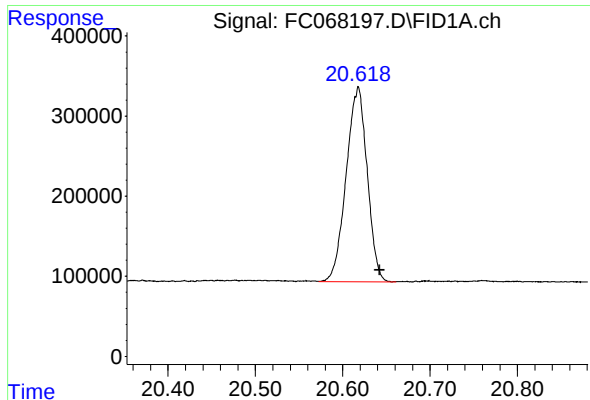
#19 n-Tetratriacontane (C34)

R.T.: 19.167 min
Delta R.T.: -0.024 min
Response: 4312595
Conc: 39.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.906 min
Delta R.T.: -0.023 min
Response: 4086835
Conc: 44.16 ug/ml



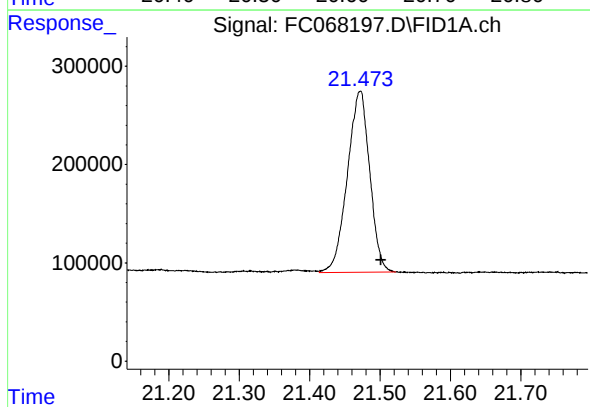
#21 n-Octatriacontane (C38)

R.T.: 20.618 min
Delta R.T.: -0.024 min
Response: 4071720
Conc: 47.52 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



#22 n-Tetracontane (C40)

R.T.: 21.473 min
Delta R.T.: -0.029 min
Response: 4072767
Conc: 50.37 ug/ml m