

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068234.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 14:56
 Operator : YP/AJ
 Sample : Q1308-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-11-TPH-5MS

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 22:15:00 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			
12) S 1-chlorooctadecane (S...	12.847	4491612	39.057 ug/ml
Spiked Amount 50.000		Recovery =	78.11%
Target Compounds			
1) T n-Nonane (C9)	3.211	2789949	20.374 ug/ml
2) T n-Decane (C10)	4.268	3362685	24.221 ug/mlm
4) T n-Dodecane (C12)	6.277	3885256	27.812 ug/ml
6) T n-Tetradecane (C14)	8.066	4318484	31.642 ug/mlm
7) T n-Hexadecane (C16)	9.662	4407986	31.724 ug/ml
8) T n-Octadecane (C18)	11.099	4419233	31.585 ug/ml
10) T n-Eicosane (C20)	12.406	4472717	33.428 ug/ml
11) T n-Heneicosane (C21)	13.016	4257274	32.414 ug/ml
13) T n-Docosane (C22)	13.602	4216133	32.548 ug/ml
14) T n-Tetracosane (C24)	14.702	4136715	32.221 ug/ml
15) T n-Hexacosane (C26)	15.720	4039112	32.098 ug/ml
16) T n-Octacosane (C28)	16.669	3963382	31.689 ug/ml
17) T n-Tricontane (C30)	17.555	3996078	30.916 ug/ml
18) T n-Dotriacontane (C32)	18.386	3952161	31.614 ug/ml
19) T n-Tetratriacontane (C34)	19.168	3934176	36.268 ug/ml
20) T n-Hexatriacontane (C36)	19.908	3900693	42.150 ug/ml
21) T n-Octatriacontane (C38)	20.621	4228503	49.348 ug/mlm
22) T n-Tetracontane (C40)	21.475	4826305	59.688 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
Data File : FC068234.D
Signal(s) : FID1A.ch
Acq On : 07 Feb 2025 14:56
Operator : YP/AJ
Sample : Q1308-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

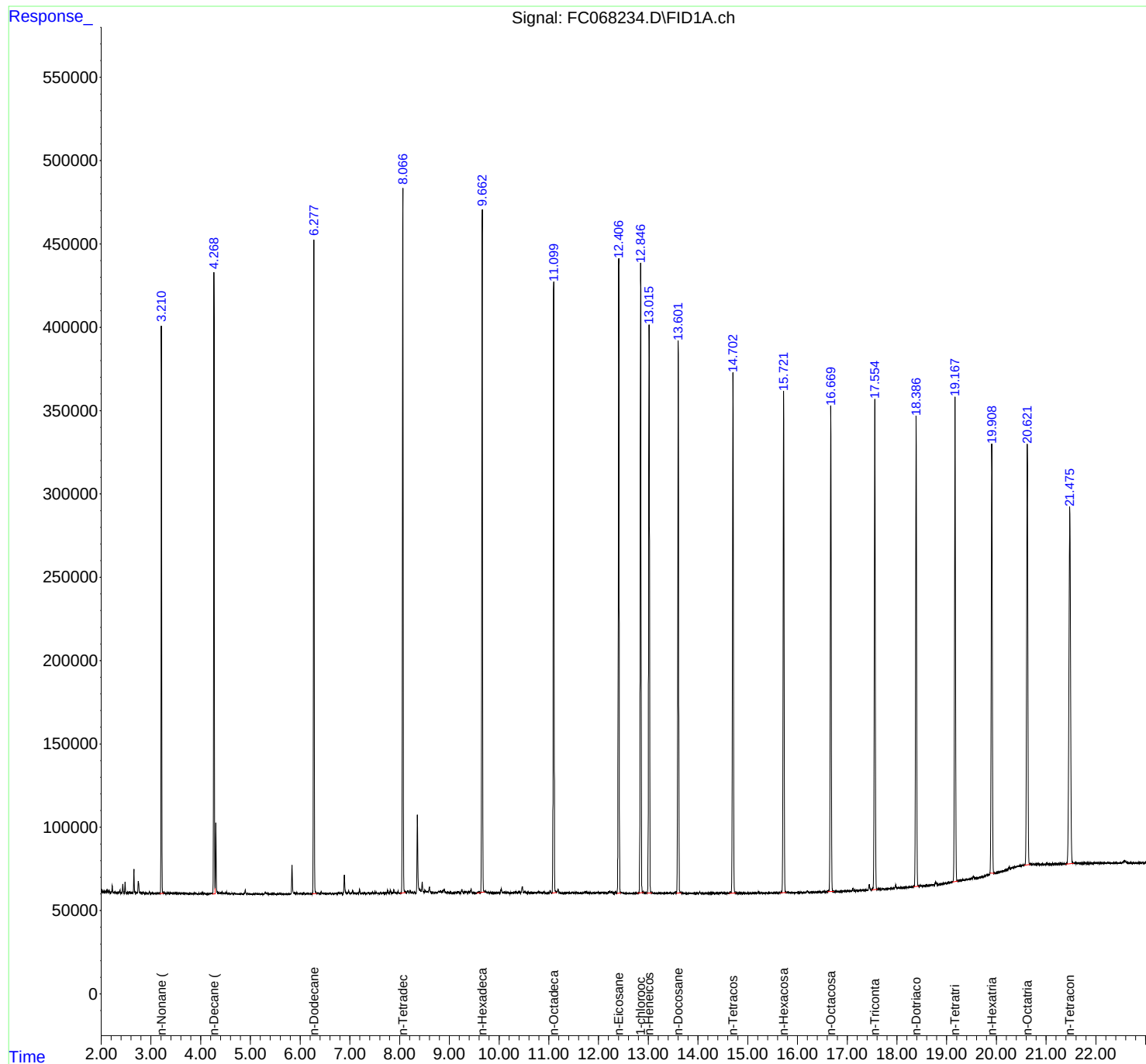
Instrument :
FID_C
ClientSampleId :
EX-11-TPH-5MS

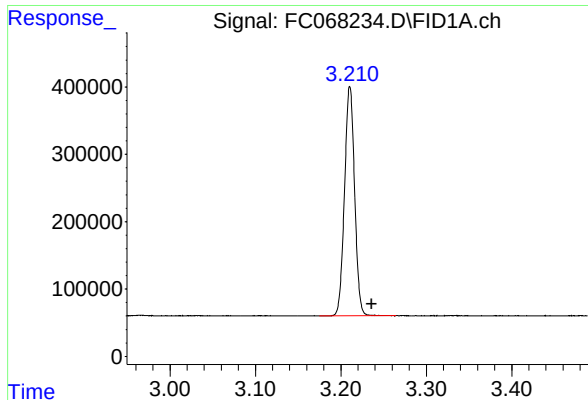
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Feb 07 22:15:00 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





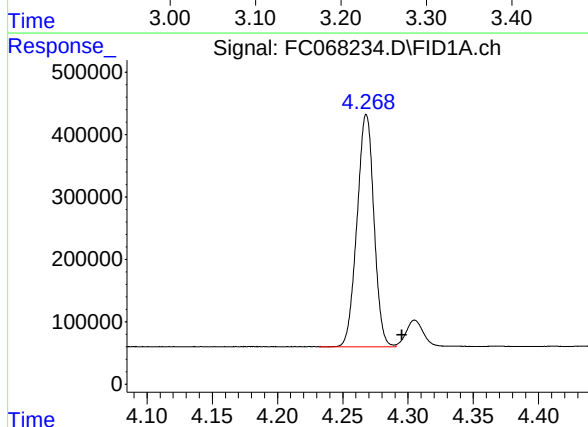
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.025 min
Response: 2789949
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-11-TPH-5MS

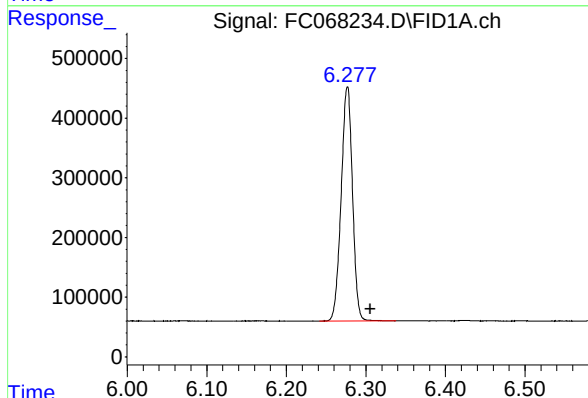
Manual Integrations
APPROVED

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



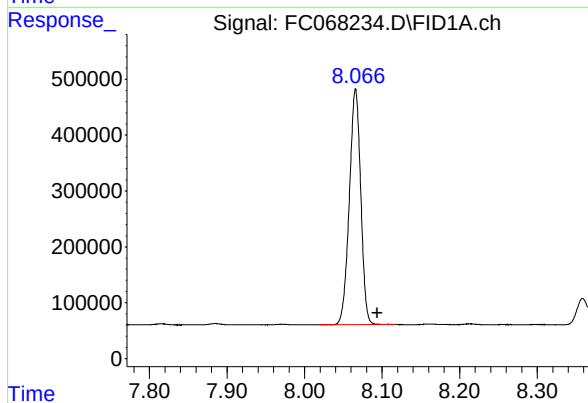
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: -0.028 min
Response: 3362685
Conc: 24.22 ug/ml m



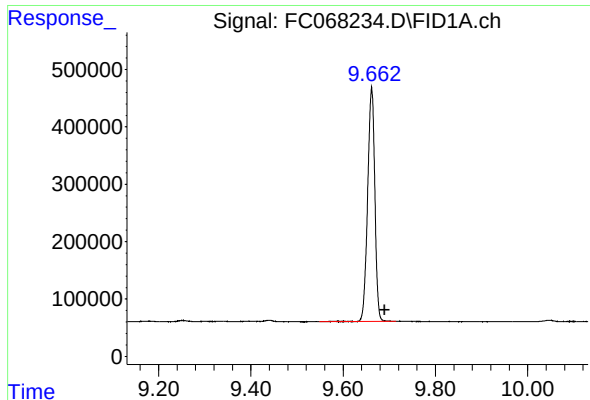
#4 n-Dodecane (C12)

R.T.: 6.277 min
Delta R.T.: -0.029 min
Response: 3885256
Conc: 27.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.066 min
Delta R.T.: -0.028 min
Response: 4318484
Conc: 31.64 ug/ml m



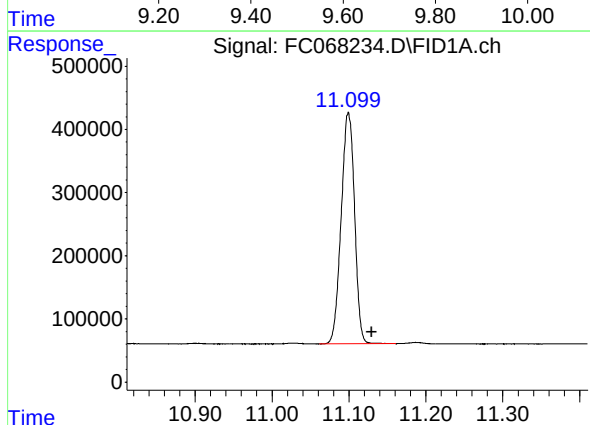
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.028 min
Response: 4407986
Conc: 31.72 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-11-TPH-5MS

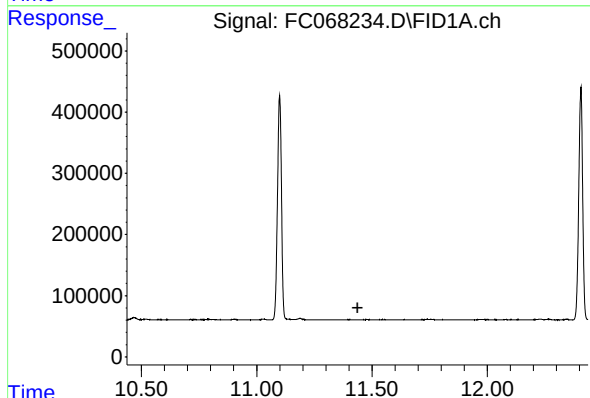
Manual Integrations
APPROVED

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



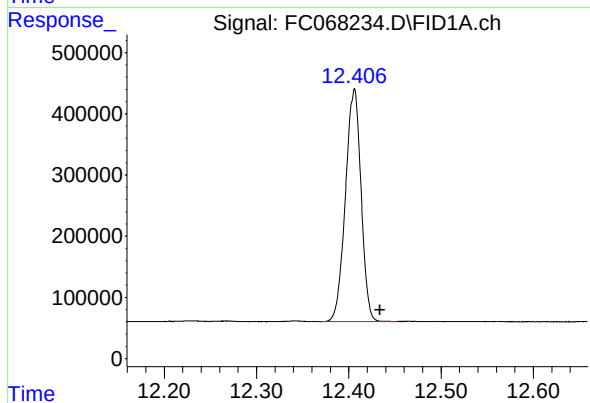
#8 n-Octadecane (C18)

R.T.: 11.099 min
Delta R.T.: -0.030 min
Response: 4419233
Conc: 31.58 ug/ml



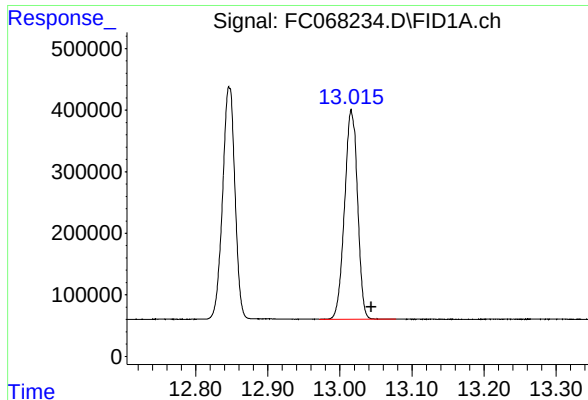
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.437 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: -0.028 min
Response: 4472717
Conc: 33.43 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.016 min
Delta R.T.: -0.027 min
Response: 4257274
Conc: 32.41 ug/ml

Instrument :

FID_C

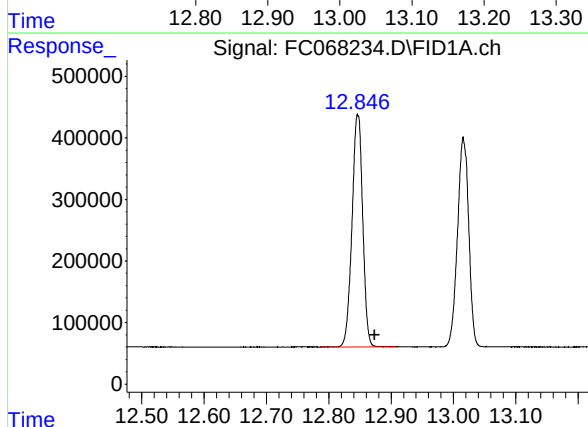
ClientSampleId :

EX-11-TPH-5MS

Manual Integrations

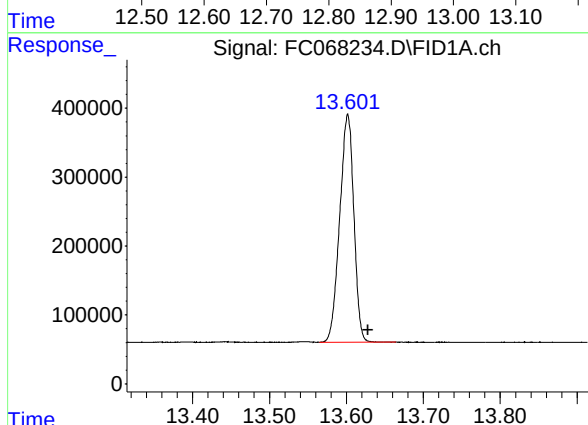
APPROVED

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



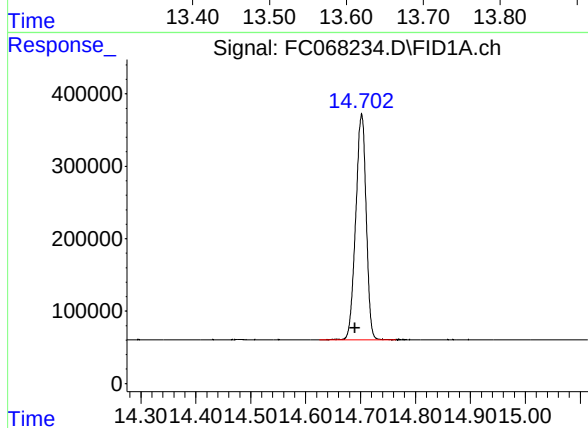
#12 1-chlorooctadecane (SURR)

R.T.: 12.847 min
Delta R.T.: -0.027 min
Response: 4491612
Conc: 39.06 ug/ml



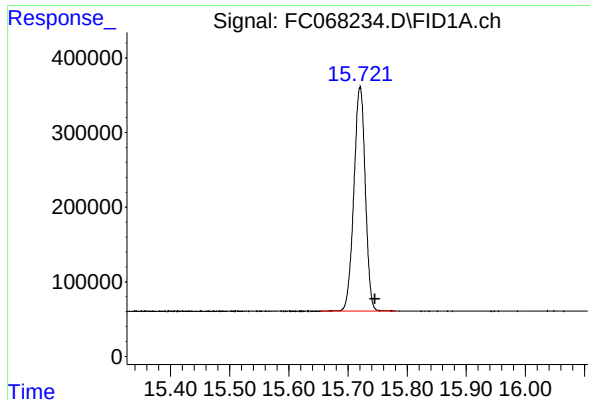
#13 n-Docosane (C22)

R.T.: 13.602 min
Delta R.T.: -0.026 min
Response: 4216133
Conc: 32.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.702 min
Delta R.T.: 0.012 min
Response: 4136715
Conc: 32.22 ug/ml



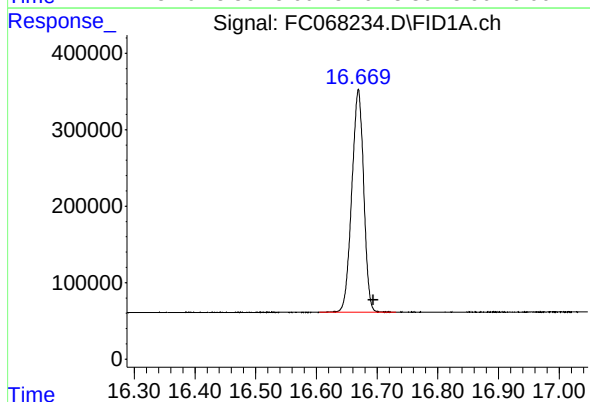
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.026 min
Response: 4039112
Conc: 32.10 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-11-TPH-5MS

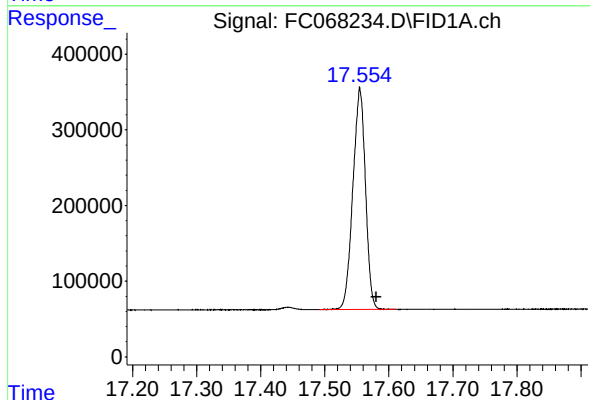
Manual Integrations
APPROVED

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



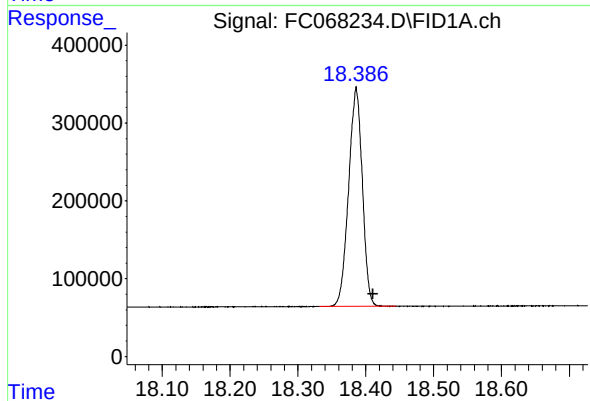
#16 n-Octacosane (C28)

R.T.: 16.669 min
Delta R.T.: -0.025 min
Response: 3963382
Conc: 31.69 ug/ml



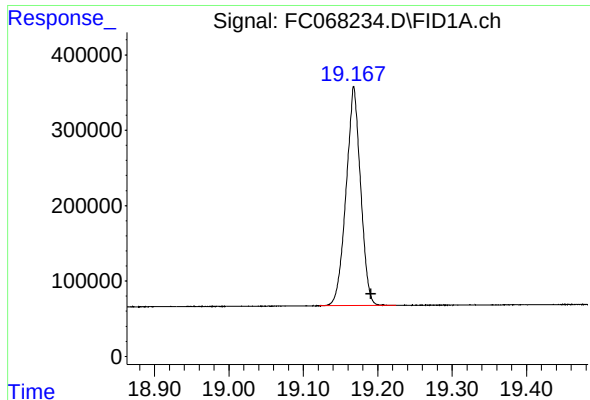
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: -0.026 min
Response: 3996078
Conc: 30.92 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: -0.025 min
Response: 3952161
Conc: 31.61 ug/ml



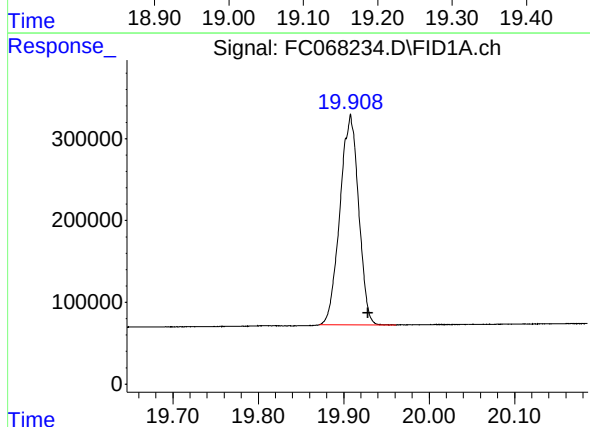
#19 n-Tetratriacontane (C34)

R.T.: 19.168 min
Delta R.T.: -0.023 min
Response: 3934176
Conc: 36.27 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-11-TPH-5MS

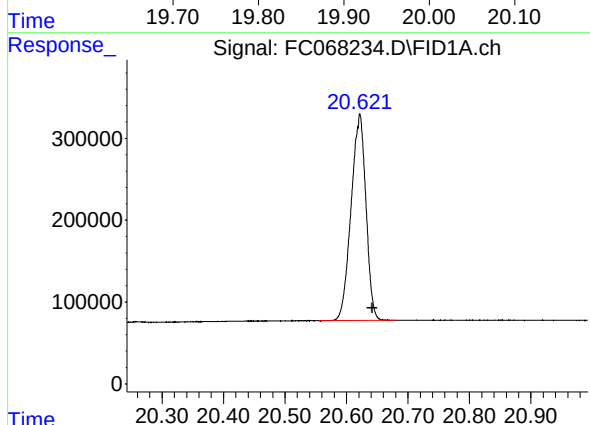
Manual Integrations
APPROVED

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



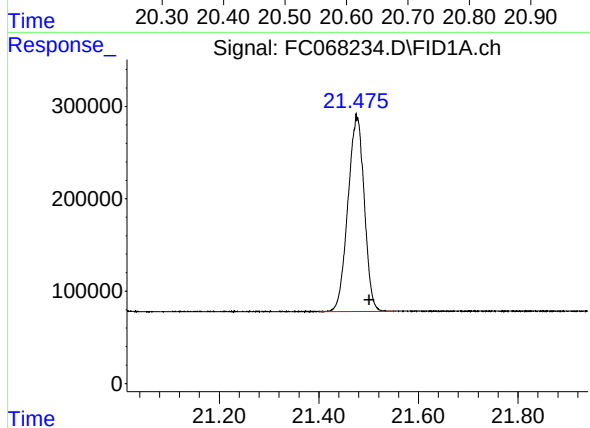
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: -0.021 min
Response: 3900693
Conc: 42.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: -0.021 min
Response: 4228503
Conc: 49.35 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.475 min
Delta R.T.: -0.027 min
Response: 4826305
Conc: 59.69 ug/ml m