

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102824AL\
 Data File : FC067546.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2024 17:03
 Operator : YP/AJ
 Sample : P4518-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :Ankita Jodhani 12/05/2024

Integration File: sample.E
 Quant Time: Oct 30 03:43:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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			
12) S 1-chlorooctadecane (S...	12.937	4355427	40.332 ug/mlm
Spiked Amount 50.000		Recovery =	80.66%
Target Compounds			
1) T n-Nonane (C9)	3.274	4547050	33.752 ug/ml
2) T n-Decane (C10)	4.340	6074341	44.584 ug/ml
4) T n-Dodecane (C12)	6.357	7407515	54.691 ug/mlm
6) T n-Tetradecane (C14)	8.153	8870452	67.579 ug/mlm
7) T n-Hexadecane (C16)	9.754	9234252	69.902 ug/mlm
8) T n-Octadecane (C18)	11.193	9537788	72.194 ug/mlm
10) T n-Eicosane (C20)	12.499	9191174	72.843 ug/mlm
11) T n-Heneicosane (C21)	13.107	8078445	65.458 ug/mlm
13) T n-Docosane (C22)	13.694	8140536	66.481 ug/mlm
14) T n-Tetracosane (C24)	14.793	7876666	64.984 ug/mlm
15) T n-Hexacosane (C26)	15.812	7809691	65.597 ug/mlm
16) T n-Octacosane (C28)	16.760	7849686	66.722 ug/mlm
17) T n-Tricontane (C30)	17.647	7677843	63.521 ug/mlm
18) T n-Dotriacontane (C32)	18.477	7585388	64.109 ug/mlm
19) T n-Tetratriacontane (C34)	19.258	8007761	76.463 ug/ml
20) T n-Hexatriacontane (C36)	19.997	7735213	84.977 ug/ml
21) T n-Octatriacontane (C38)	20.720	7594323	87.692 ug/ml
22) T n-Tetracontane (C40)	21.605	7599497	89.395 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102824AL\
Data File : FC067546.D
Signal(s) : FID1A.ch
Acq On : 28 Oct 2024 17:03
Operator : YP/AJ
Sample : P4518-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

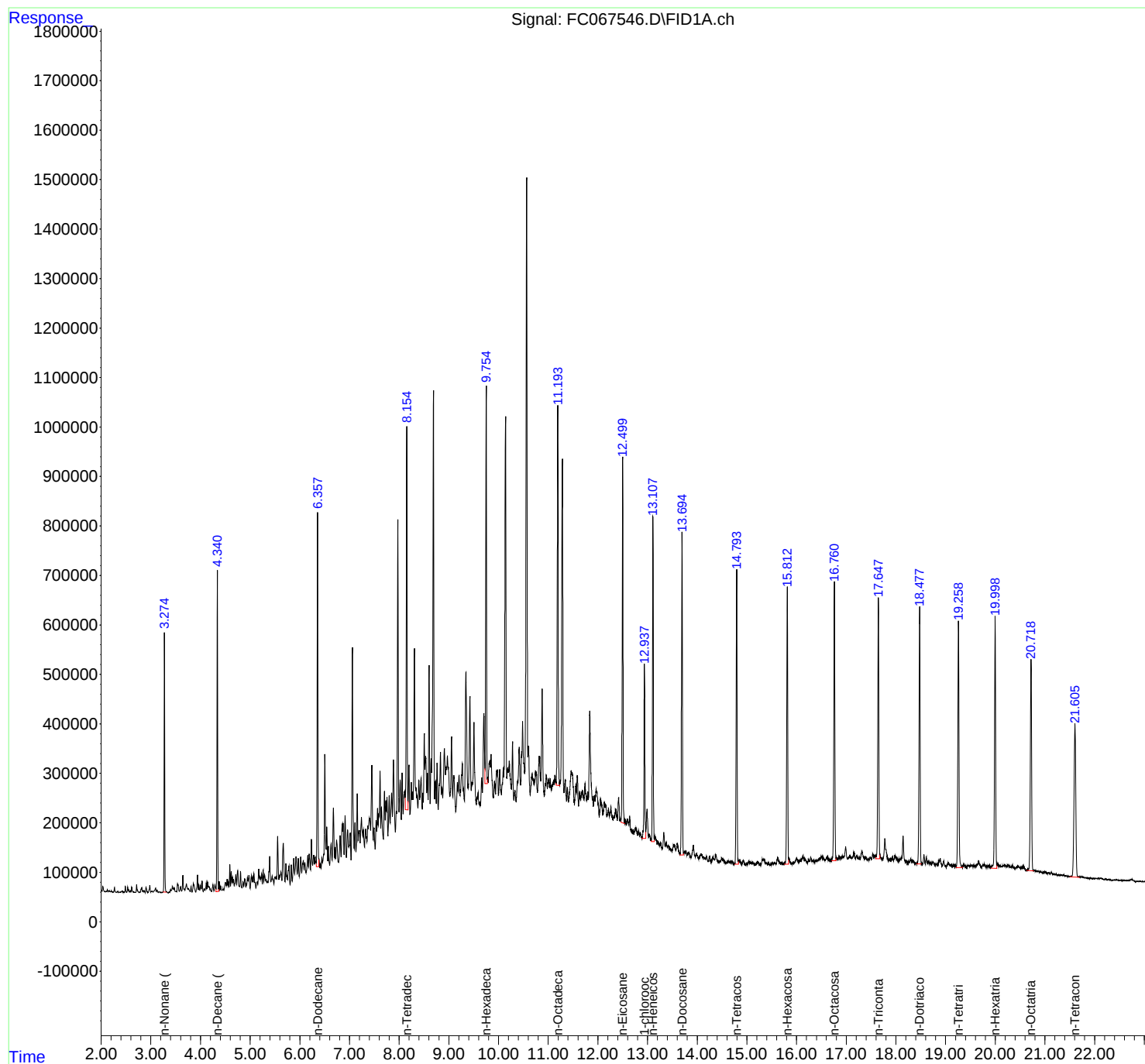
Instrument :
FID_C
Client Sample Id :
EX-5-TPH-5MS

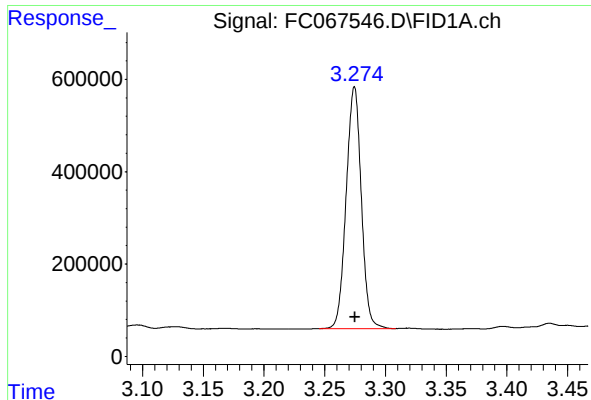
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 12/05/2024
Supervised By : Ankita Jodhani 12/05/2024

Integration File: sample.E
Quant Time: Oct 30 03:43:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





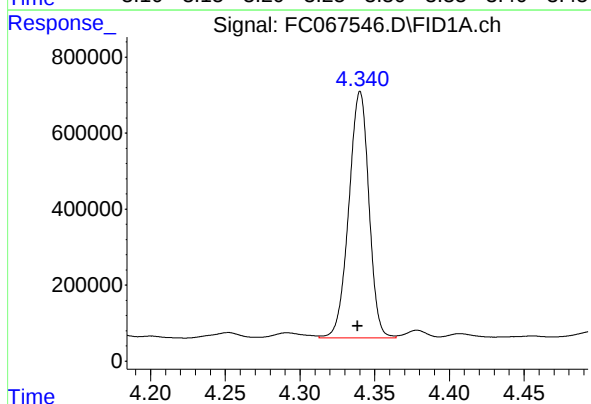
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 4547050
Conc: 33.75 ug/ml

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

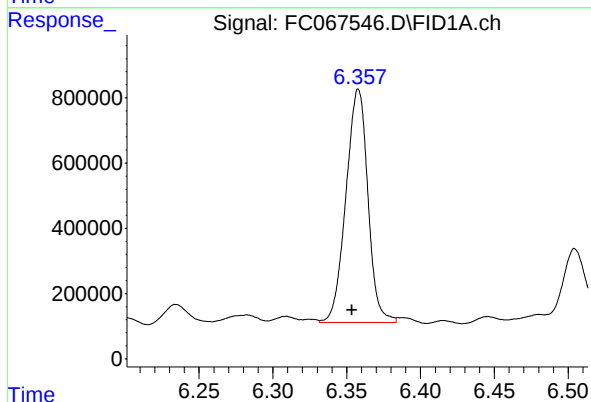
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



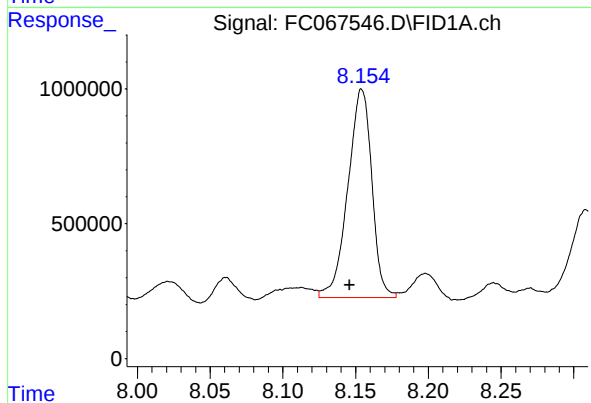
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 6074341
Conc: 44.58 ug/ml



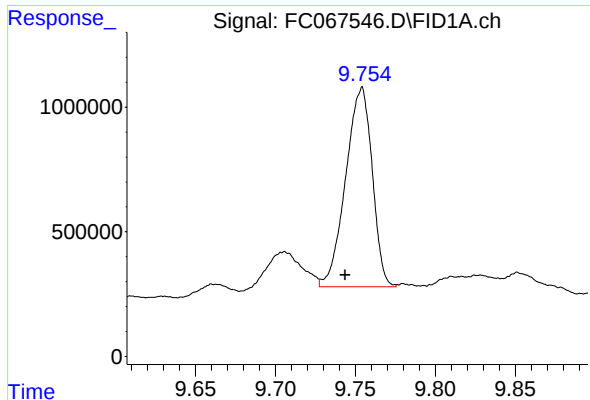
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.004 min
Response: 7407515
Conc: 54.69 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.007 min
Response: 8870452
Conc: 67.58 ug/ml m



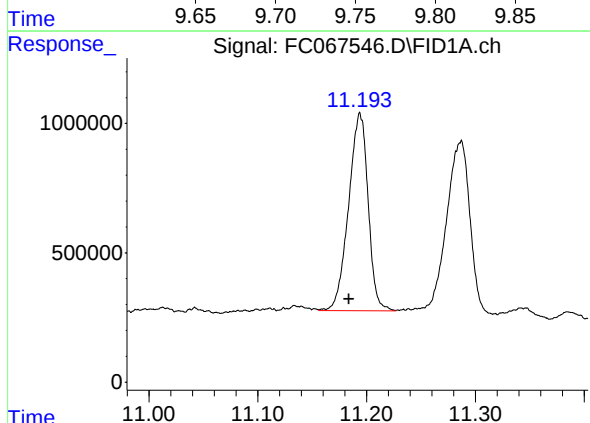
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.010 min
Response: 9234252
Conc: 69.90 ug/ml

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

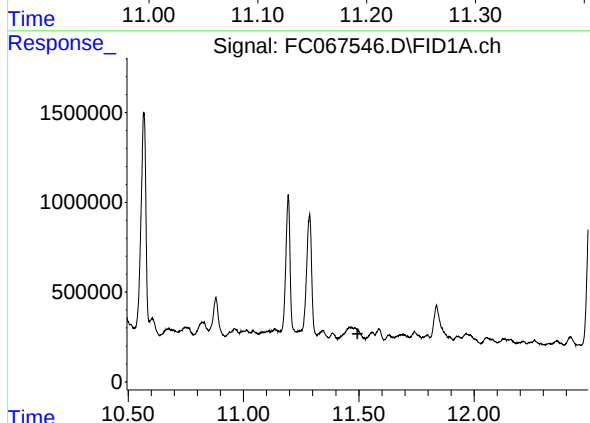
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



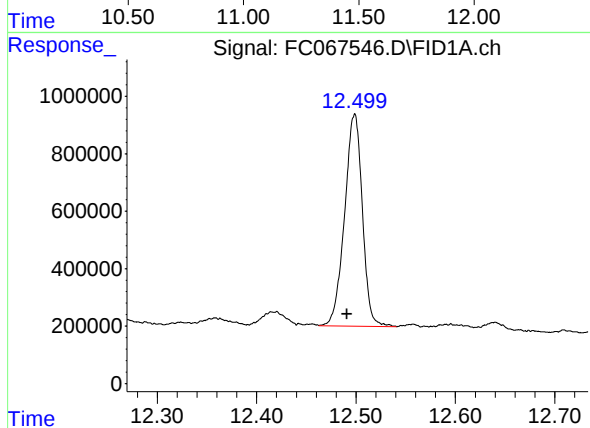
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.010 min
Response: 9537788
Conc: 72.19 ug/ml m



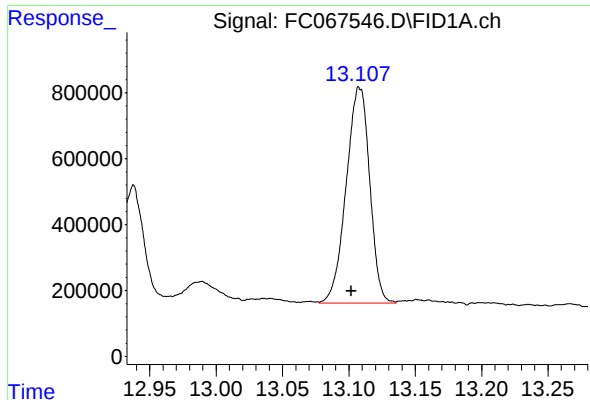
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.494 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.008 min
Response: 9191174
Conc: 72.84 ug/ml m



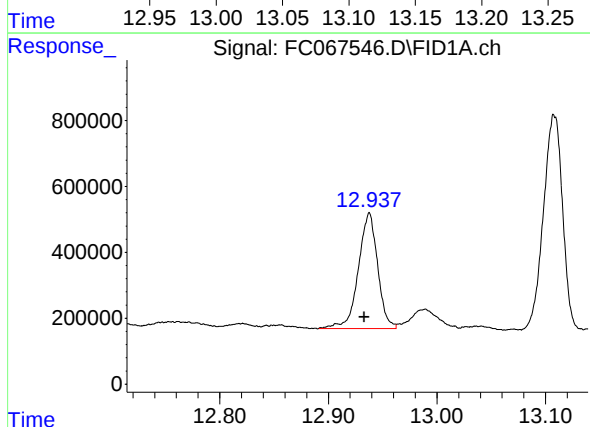
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.005 min
Response: 8078445
Conc: 65.46 ug/ml

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

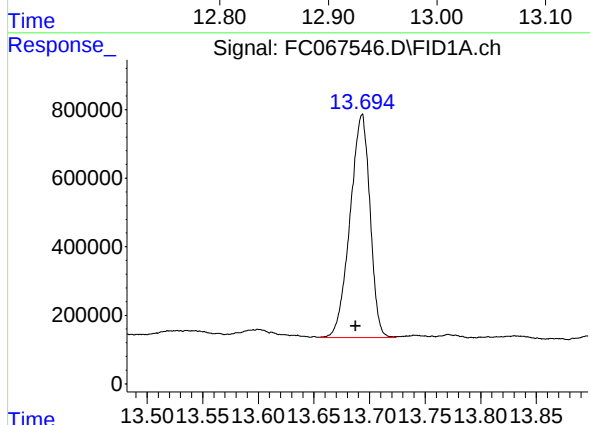
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



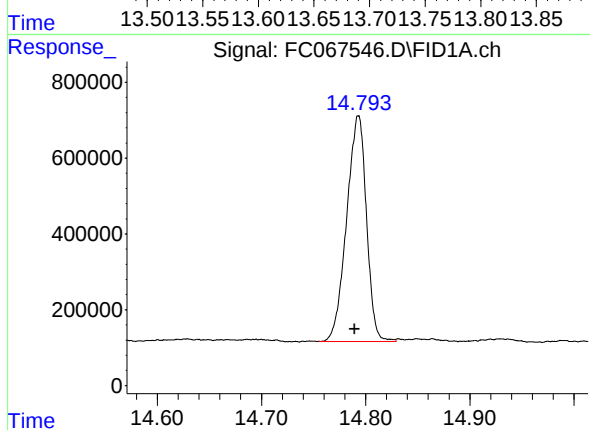
#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: 0.004 min
Response: 4355427
Conc: 40.33 ug/ml m



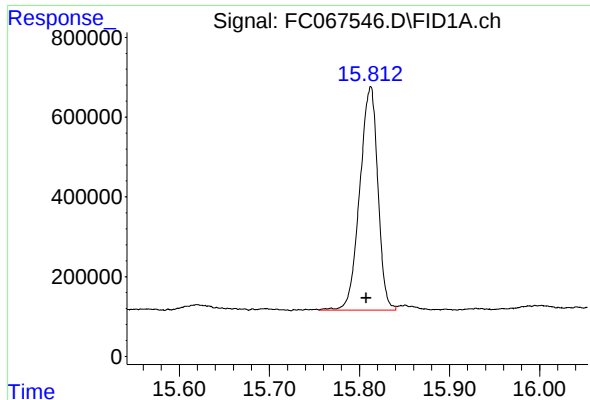
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: 0.006 min
Response: 8140536
Conc: 66.48 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.004 min
Response: 7876666
Conc: 64.98 ug/ml m



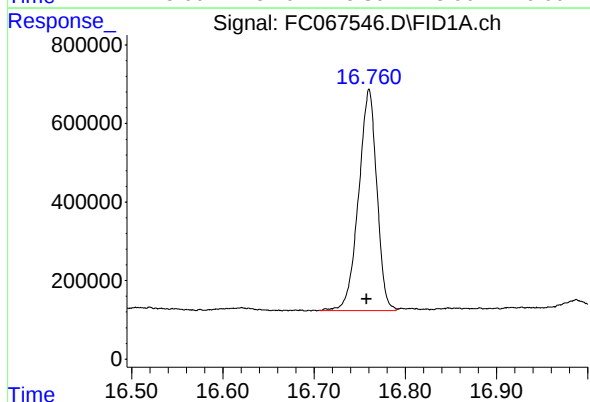
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.004 min
Response: 7809691
Conc: 65.60 ug/ml

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

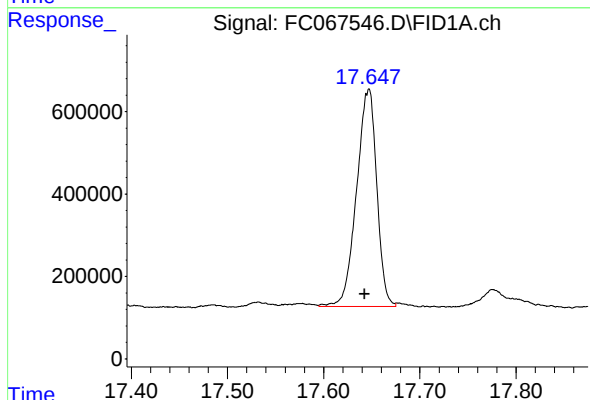
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



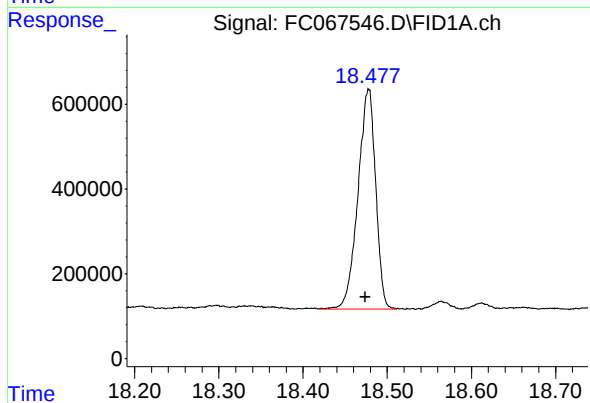
#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.002 min
Response: 7849686
Conc: 66.72 ug/ml m



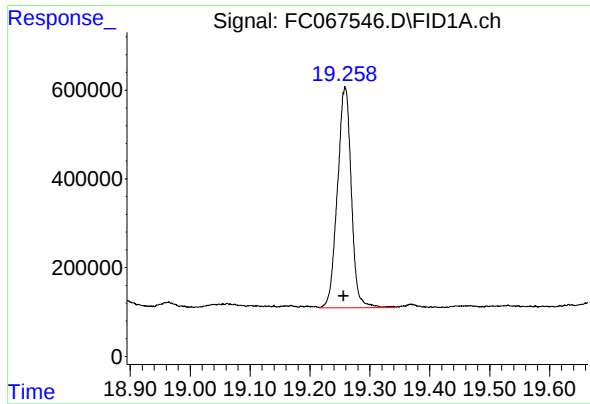
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.004 min
Response: 7677843
Conc: 63.52 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.003 min
Response: 7585388
Conc: 64.11 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.002 min
Response: 8007761
Conc: 76.46 ug/ml

Instrument :

FID_C

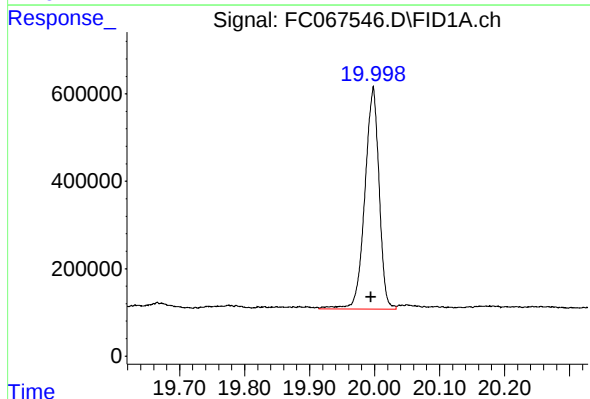
ClientSampleId :

EX-5-TPH-5MS

Manual Integrations

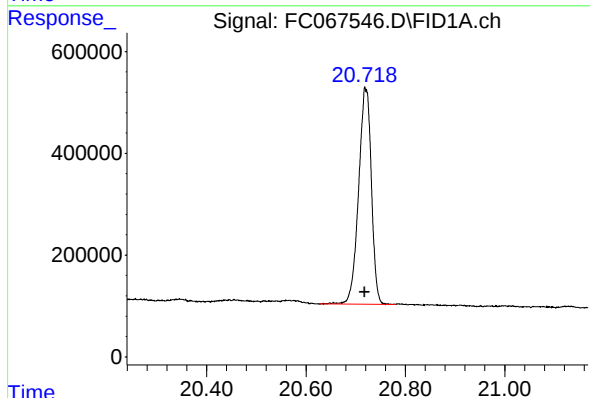
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



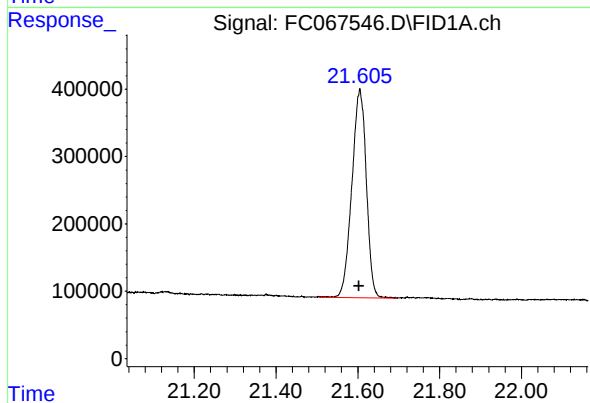
#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: 0.003 min
Response: 7735213
Conc: 84.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.002 min
Response: 7594323
Conc: 87.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.001 min
Response: 7599497
Conc: 89.39 ug/ml m