

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090524AL\
 Data File : FC067049.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2024 08:36
 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 09/06/2024
 Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e
 Quant Time: Sep 06 03:46:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.507	2832314	18.605 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	12.946	2011436	18.566 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.278	2568809	17.479 ug/ml
2) T n-Decane (C10)	4.343	2679105	17.879 ug/ml
3) T A~Naphthalene (C11.7)	5.924	2829323	17.785 ug/ml
4) T n-Dodecane (C12)	6.361	2693481	17.952 ug/ml
5) T A~2-methylnaphthalene...	6.979	2670009	17.754 ug/ml
6) T n-Tetradecane (C14)	8.155	2652627	18.295 ug/ml
7) T n-Hexadecane (C16)	9.754	2728254	18.615 ug/ml
8) T n-Octadecane (C18)	11.195	2750230	18.870 ug/ml
10) T n-Eicosane (C20)	12.503	2582648	18.859 ug/ml
11) T n-Heneicosane (C21)	13.115	2504698	18.795 ug/ml
13) T n-Docosane (C22)	13.701	2473633	18.772 ug/ml
14) T n-Tetracosane (C24)	14.802	2405207	18.558 ug/ml
15) T n-Hexacosane (C26)	15.823	2321107	18.299 ug/ml
16) T n-Octacosane (C28)	16.771	2306677	18.571 ug/ml
17) T n-Tricontane (C30)	17.657	2416879	19.232 ug/ml
18) T n-Dotriacontane (C32)	18.490	2380667	19.274 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2211469	18.442 ug/ml
20) T n-Hexatriacontane (C36)	20.010	1960110	17.360 ug/ml
21) T n-Octatriacontane (C38)	20.738	1778725	16.327 ug/mlm
22) T n-Tetracontane (C40)	21.628	1575864	15.427 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090524AL\
Data File : FC067049.D
Signal(s) : FID1A.ch
Acq On : 05 Sep 2024 08:36
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

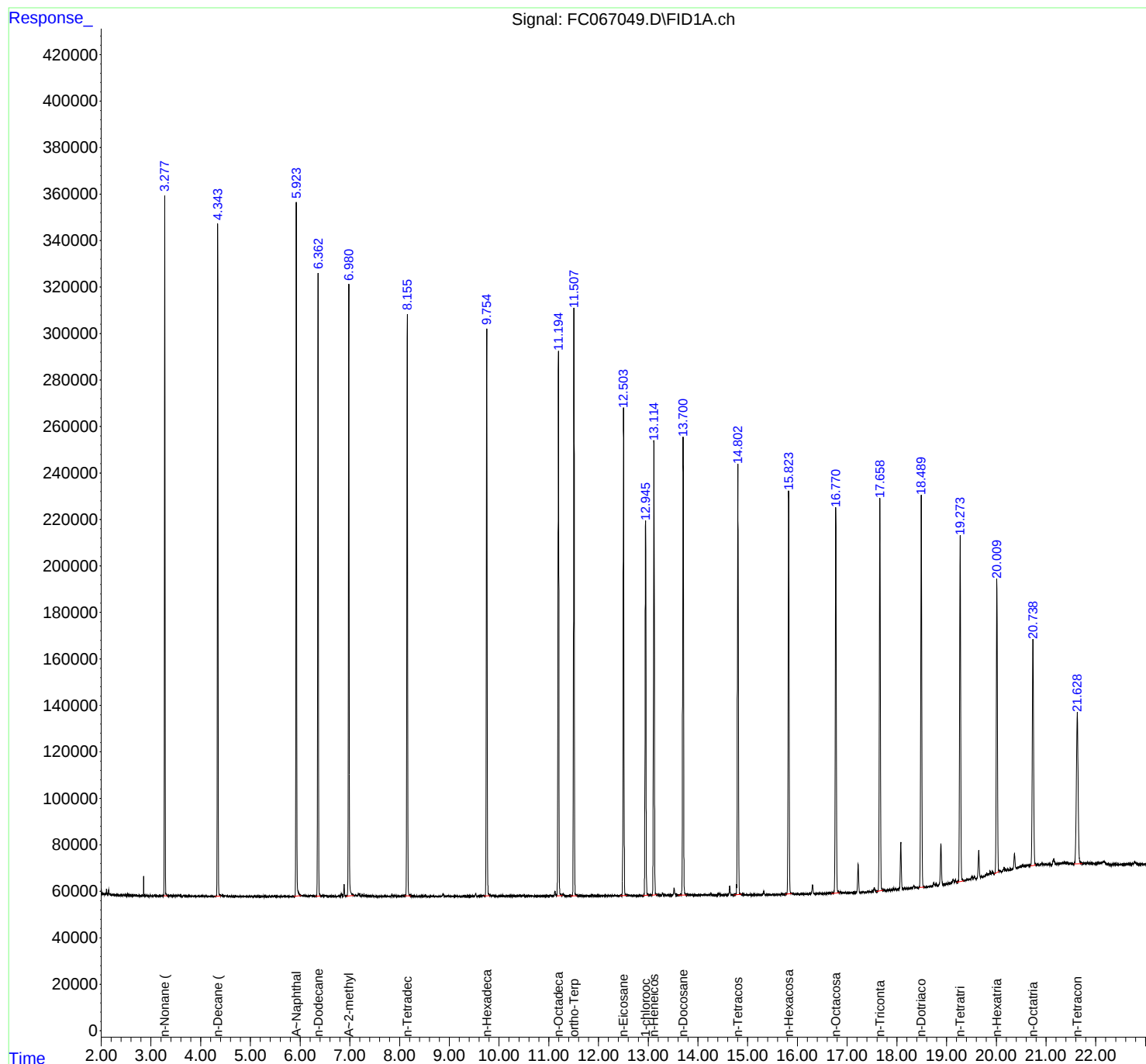
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

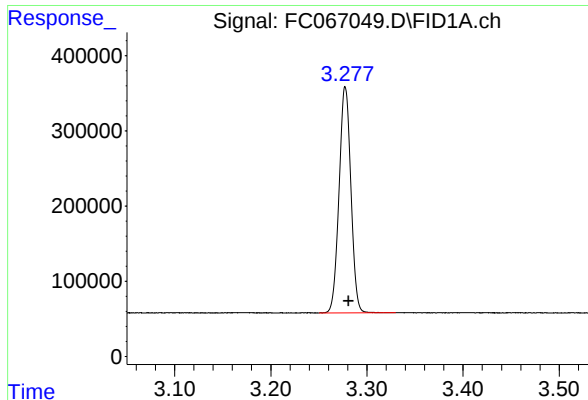
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e
Quant Time: Sep 06 03:46:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
Quant Title : GC Extractables
QLast Update : Mon Aug 12 15:57:40 2024
Response via : Initial Calibration
Integrator: ChemStation

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





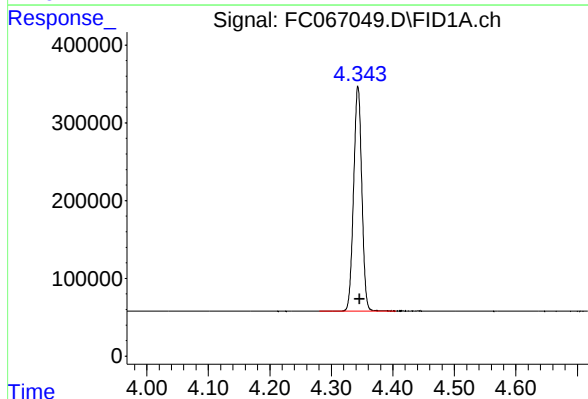
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.003 min
Response: 2568809
Conc: 17.48 ug/ml

Instrument : FID_C
ClientSampleId : 20 PPM ALIPHATIC HC STD

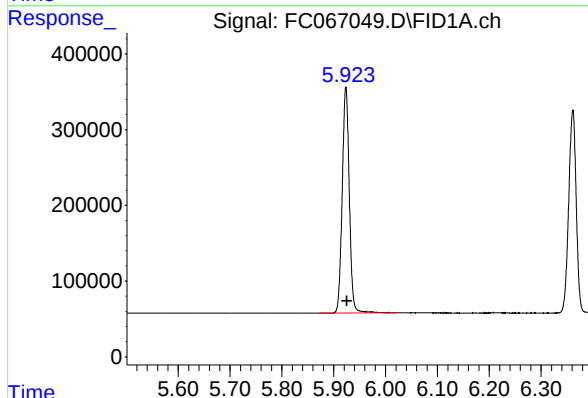
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



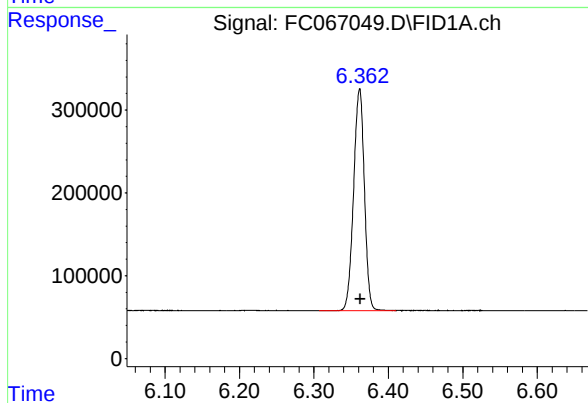
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: -0.003 min
Response: 2679105
Conc: 17.88 ug/ml



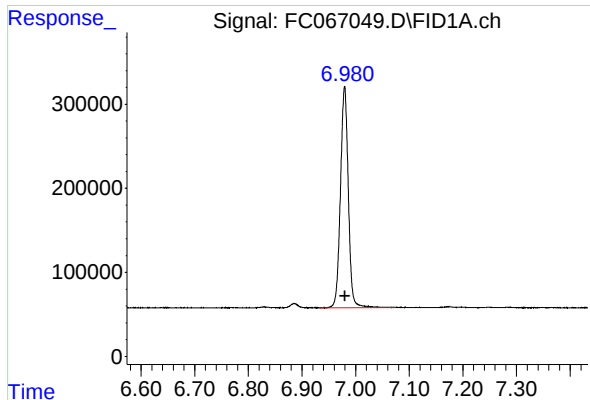
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 2829323
Conc: 17.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 2693481
Conc: 17.95 ug/ml



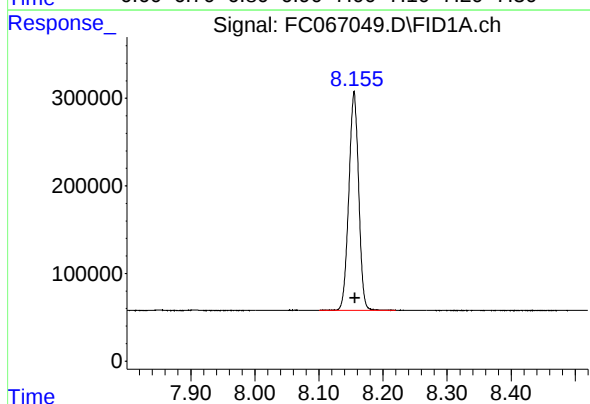
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 2670009
Conc: 17.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

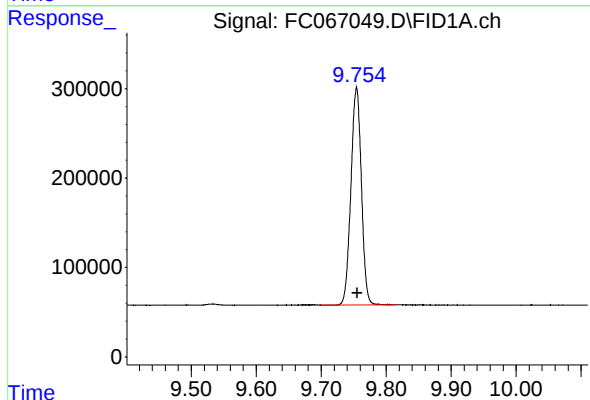
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



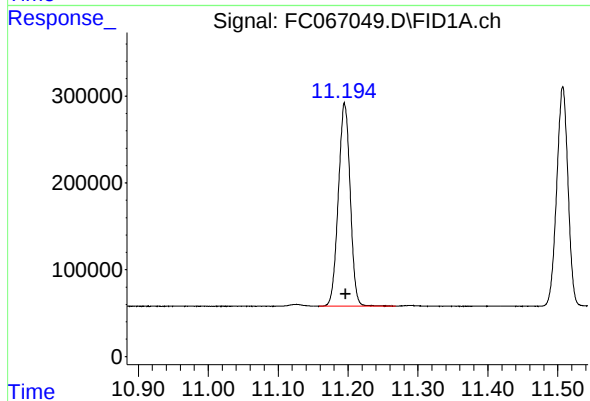
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: -0.001 min
Response: 2652627
Conc: 18.29 ug/ml



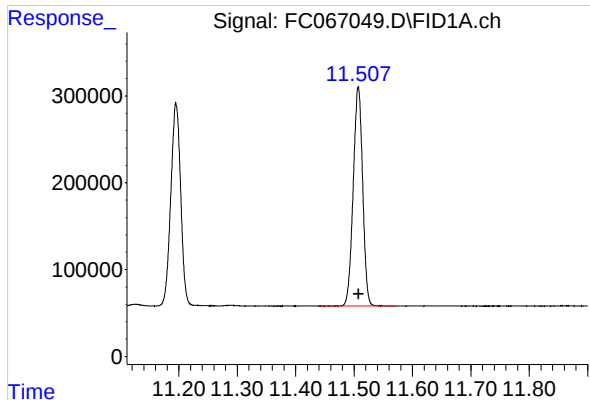
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.002 min
Response: 2728254
Conc: 18.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 2750230
Conc: 18.87 ug/ml



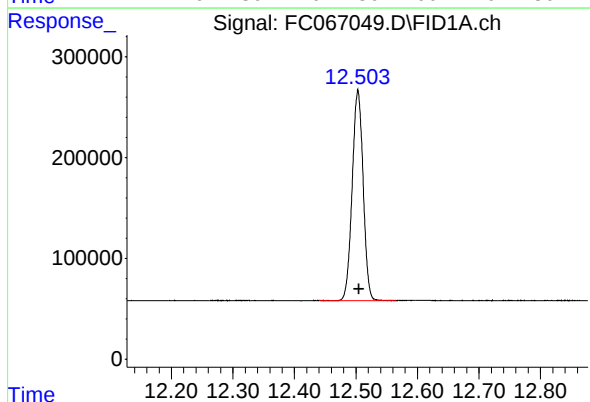
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 2832314
Conc: 18.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

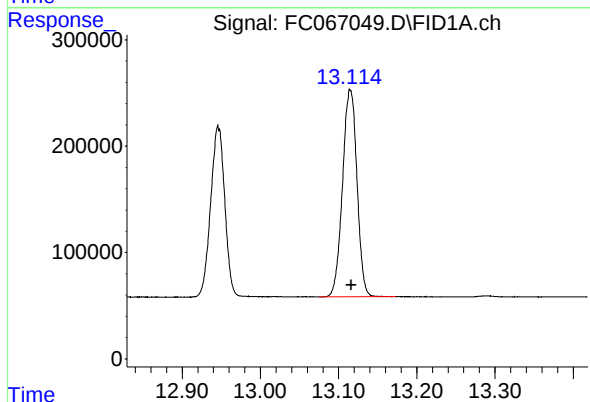
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



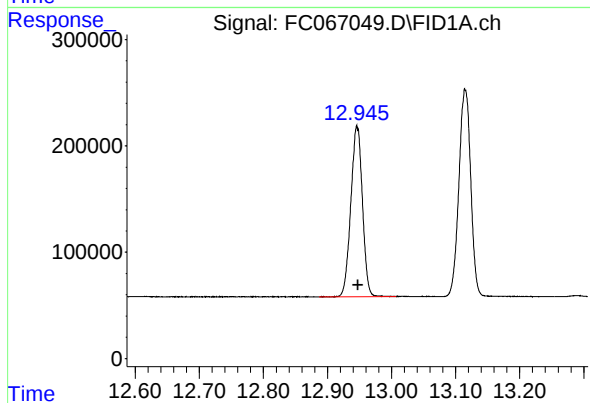
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.002 min
Response: 2582648
Conc: 18.86 ug/ml



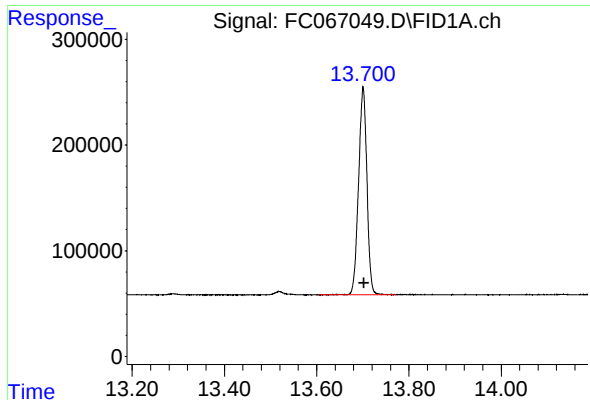
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: -0.001 min
Response: 2504698
Conc: 18.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 2011436
Conc: 18.57 ug/ml



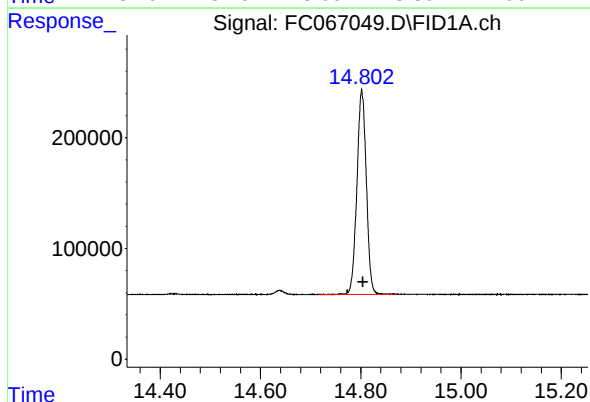
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: -0.002 min
Response: 2473633
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

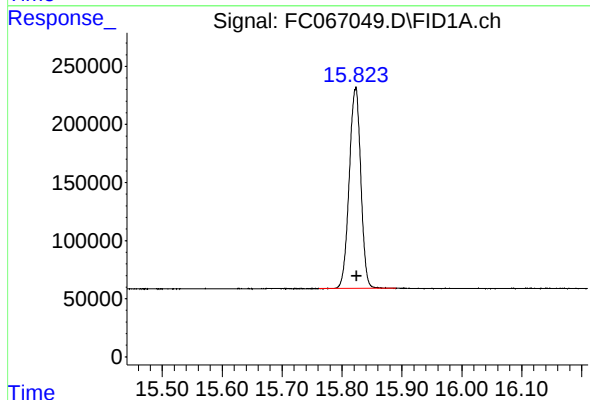
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



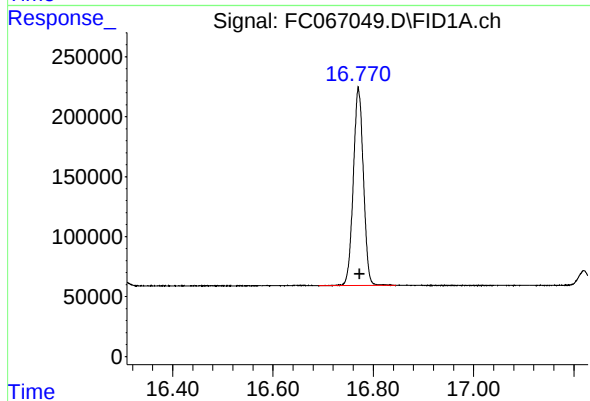
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.002 min
Response: 2405207
Conc: 18.56 ug/ml



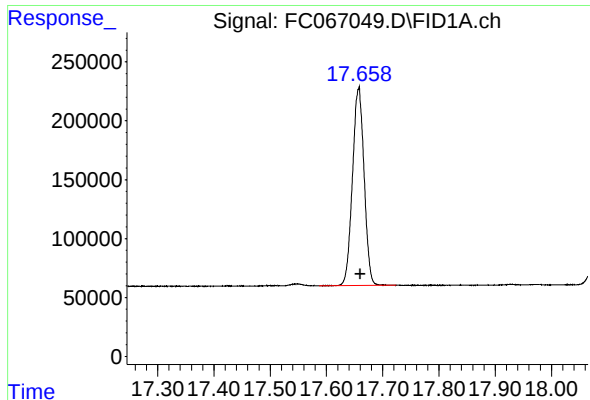
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: -0.002 min
Response: 2321107
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: -0.003 min
Response: 2306677
Conc: 18.57 ug/ml



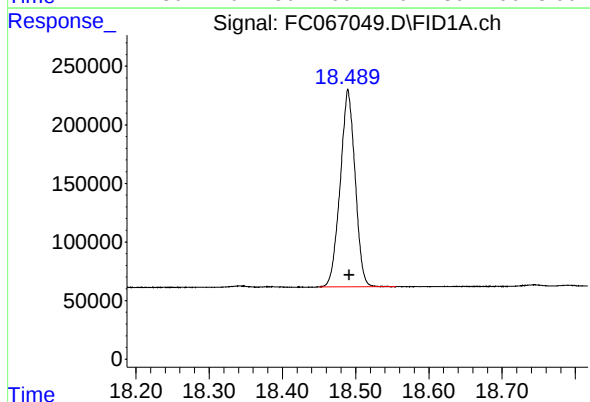
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: -0.003 min
Response: 2416879
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

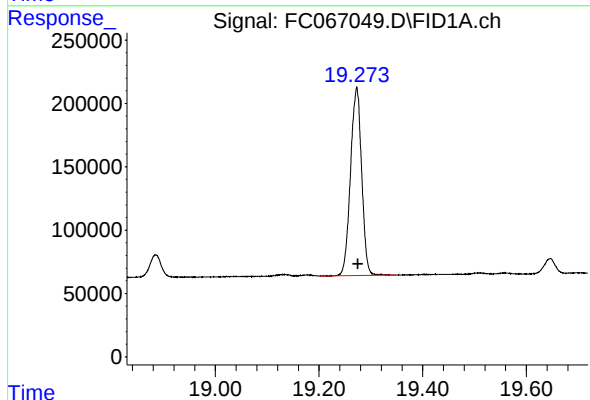
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



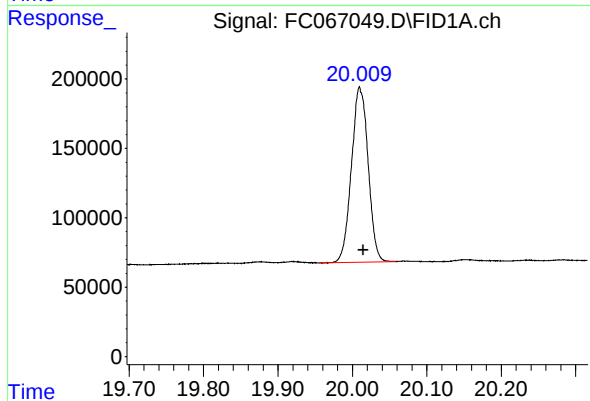
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.002 min
Response: 2380667
Conc: 19.27 ug/ml



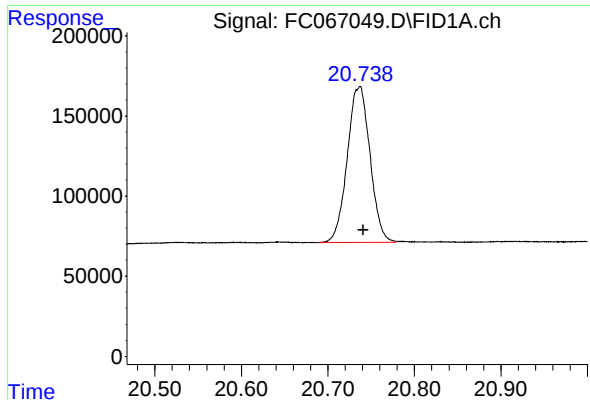
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.003 min
Response: 2211469
Conc: 18.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: -0.004 min
Response: 1960110
Conc: 17.36 ug/ml



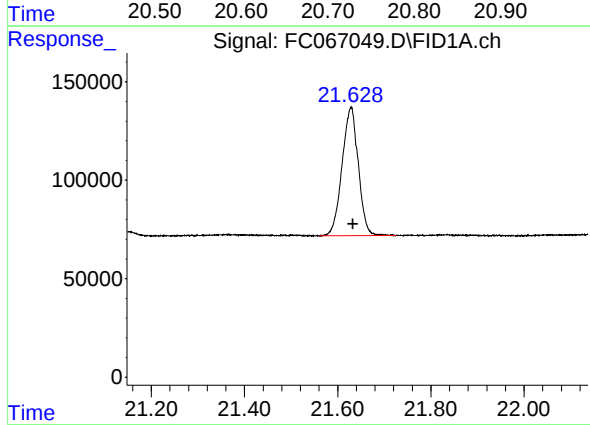
#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: -0.003 min
Response: 1778725
Conc: 16.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



#22 n-Tetracontane (C40)

R.T.: 21.628 min
Delta R.T.: -0.005 min
Response: 1575864
Conc: 15.43 ug/ml