

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067162.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 23:20
 Operator : YP/AJ
 Sample : P4087-31MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-614-COMP-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 04:06:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.506	3486605	25.039 ug/ml
Spiked Amount 50.000		Recovery =	50.08%
12) S 1-chlorooctadecane (S...	12.944	2737200	28.020 ug/ml
Spiked Amount 50.000		Recovery =	56.04%
Target Compounds			
1) T n-Nonane (C9)	3.281	3835485	28.915 ug/ml
2) T n-Decane (C10)	4.346	4394118	32.717 ug/ml
3) T A~Naphthalene (C11.7)	5.923	4880361	34.339 ug/ml
4) T n-Dodecane (C12)	6.361	4582702	34.236 ug/ml
5) T A~2-methylnaphthalene...	6.979	4489498	33.620 ug/ml
6) T n-Tetradecane (C14)	8.156	4987425	38.699 ug/ml
7) T n-Hexadecane (C16)	9.754	5445842	42.240 ug/ml
8) T n-Octadecane (C18)	11.196	5649472	44.157 ug/ml
10) T n-Eicosane (C20)	12.504	5782352	48.141 ug/ml
11) T n-Heneicosane (C21)	13.115	5524462	47.301 ug/ml
13) T n-Docosane (C22)	13.701	5579532	48.324 ug/ml
14) T n-Tetracosane (C24)	14.773	10895391	95.942 ug/mlm
15) T n-Hexacosane (C26)	15.824	5134290	46.326 ug/ml
16) T n-Octacosane (C28)	16.773	5181376	47.967 ug/mlm
17) T n-Tricontane (C30)	17.659	4998077	45.949 ug/ml
18) T n-Dotriacontane (C32)	18.489	4995836	47.896 ug/ml
19) T n-Tetratriacontane (C34)	19.272	4988713	54.073 ug/ml
20) T n-Hexatriacontane (C36)	20.011	4683114	59.095 ug/ml
21) T n-Octatriacontane (C38)	20.735	4662528	62.071 ug/mlm
22) T n-Tetracontane (C40)	21.627	4430525	63.416 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
Data File : FC067162.D
Signal(s) : FID1A.ch
Acq On : 18 Sep 2024 23:20
Operator : YP/AJ
Sample : P4087-31MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

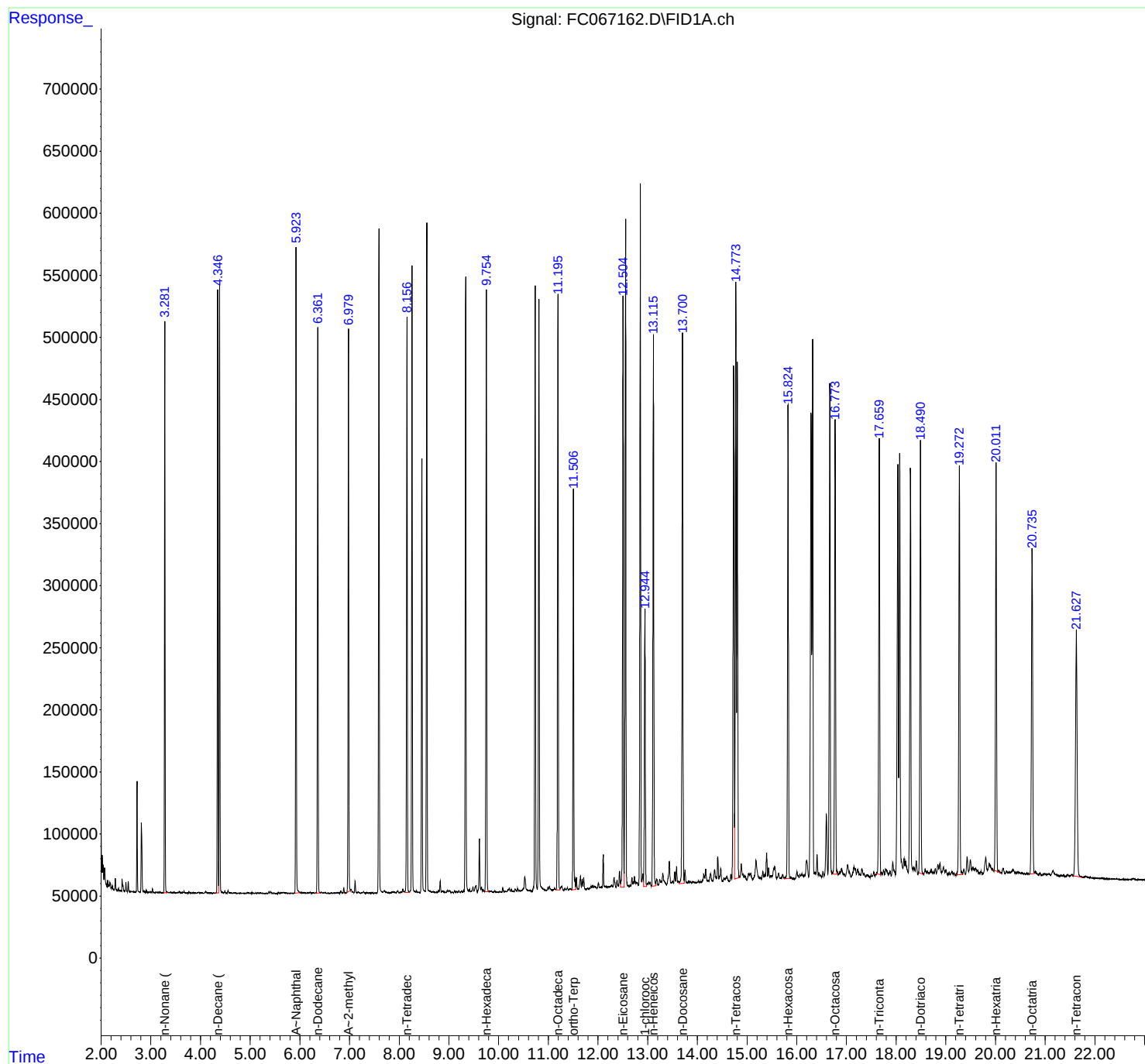
Instrument :
FID_C
ClientSampleId :
NB-614-COMP-06MSD

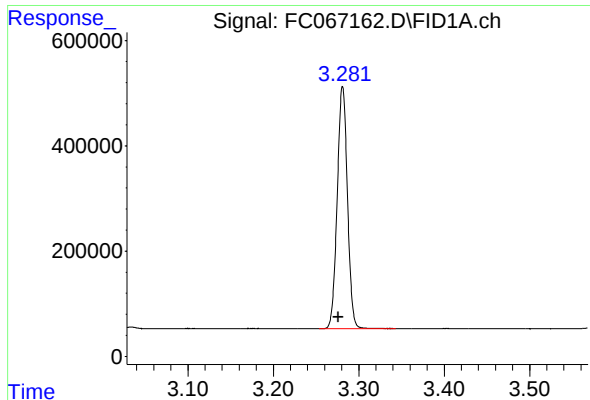
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
Quant Time: Sep 19 04:06:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Wed Sep 11 02:55:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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





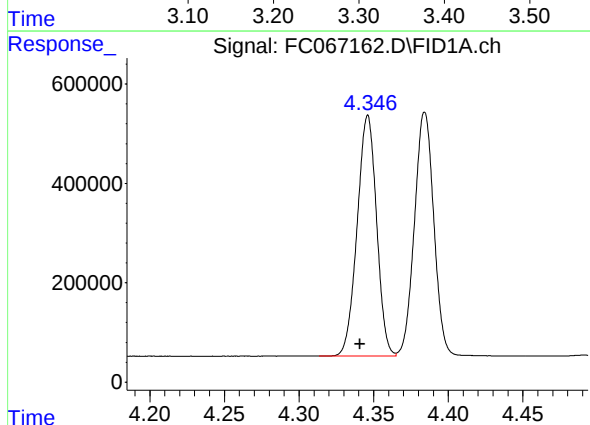
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 3835485
Conc: 28.92 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-614-COMP-06MSD

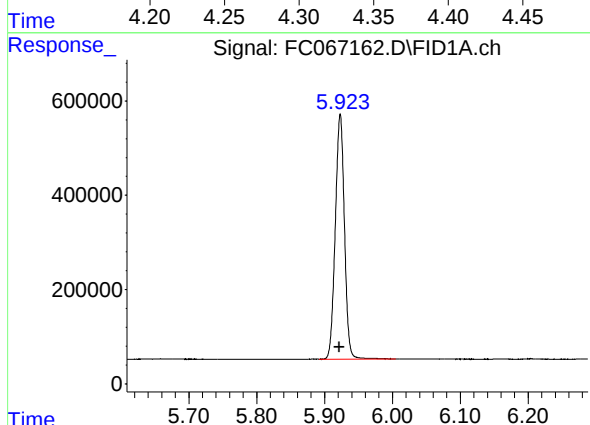
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024



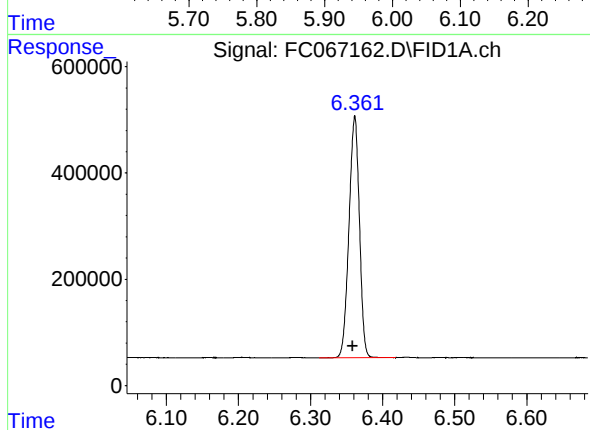
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.005 min
Response: 4394118
Conc: 32.72 ug/ml



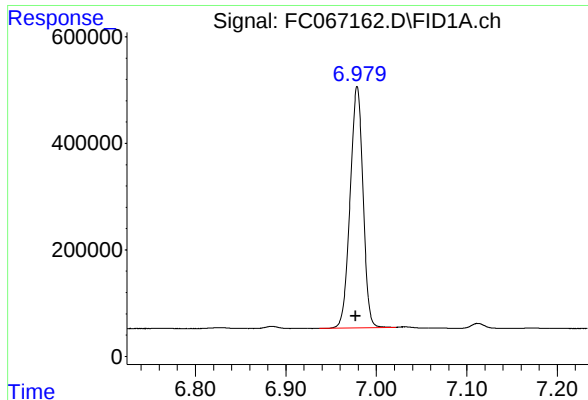
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 4880361
Conc: 34.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 4582702
Conc: 34.24 ug/ml



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

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 4489498
Conc: 33.62 ug/ml

Instrument :

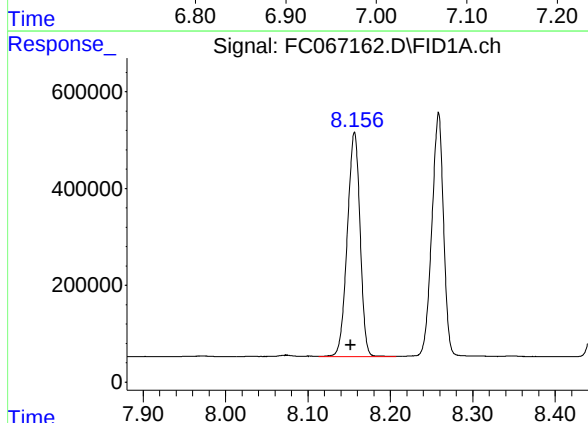
FID_C

ClientSampleId :

NB-614-COMP-06MSD

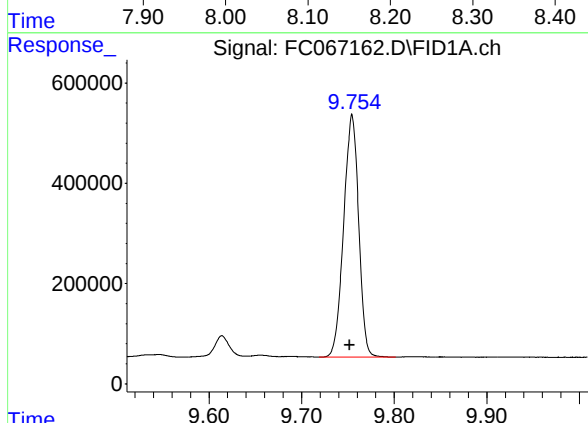
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024



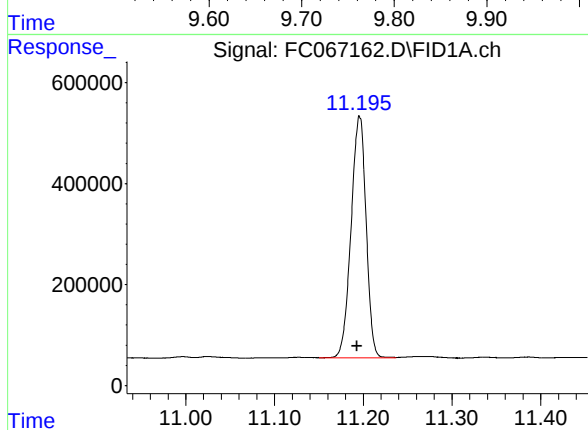
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 4987425
Conc: 38.70 ug/ml



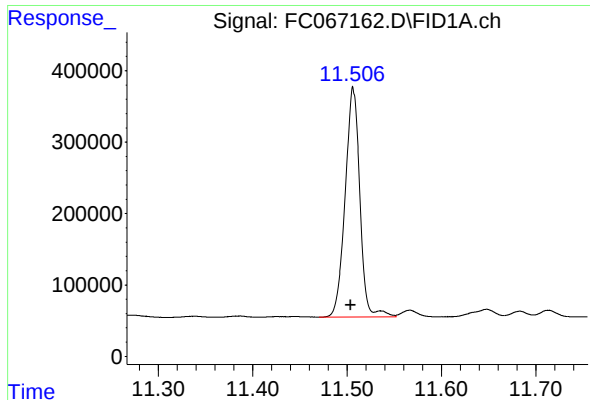
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.003 min
Response: 5445842
Conc: 42.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 5649472
Conc: 44.16 ug/ml



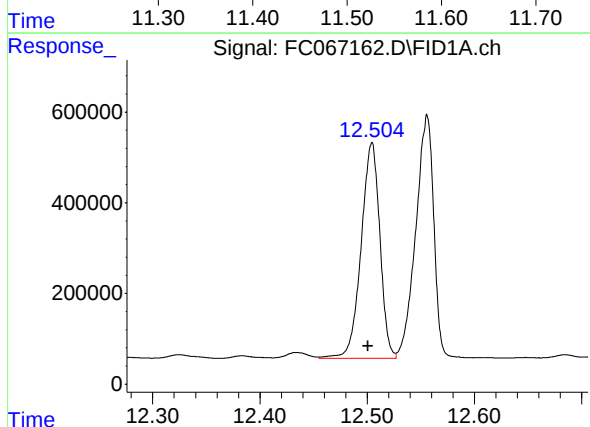
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.002 min
Response: 3486605
Conc: 25.04 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-614-COMP-06MSD

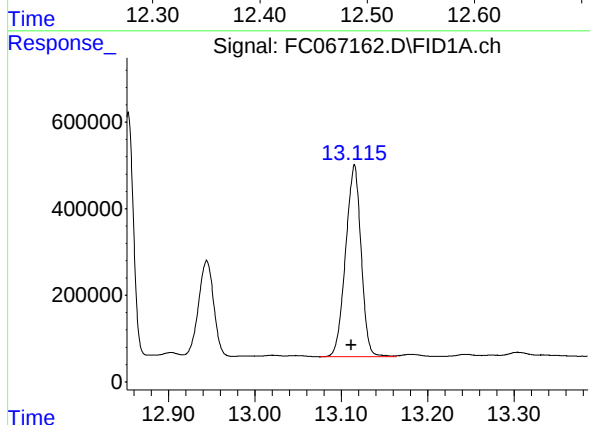
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024



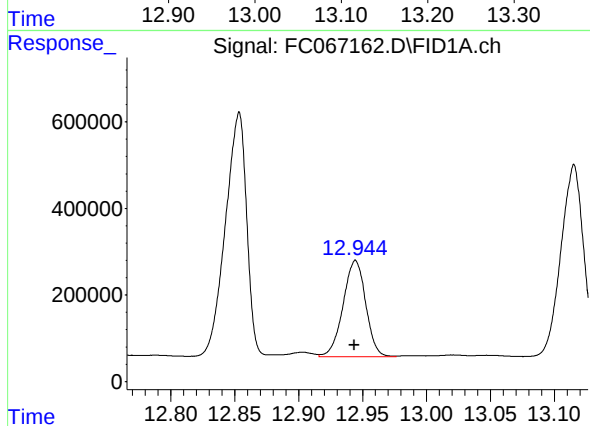
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.003 min
Response: 5782352
Conc: 48.14 ug/ml



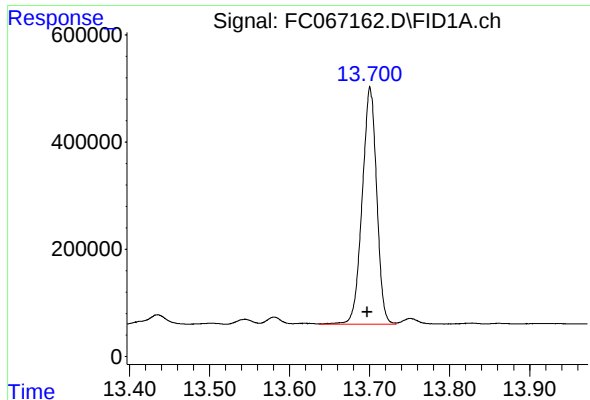
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 5524462
Conc: 47.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2737200
Conc: 28.02 ug/ml



#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.004 min
Response: 5579532
Conc: 48.32 ug/ml

Instrument :

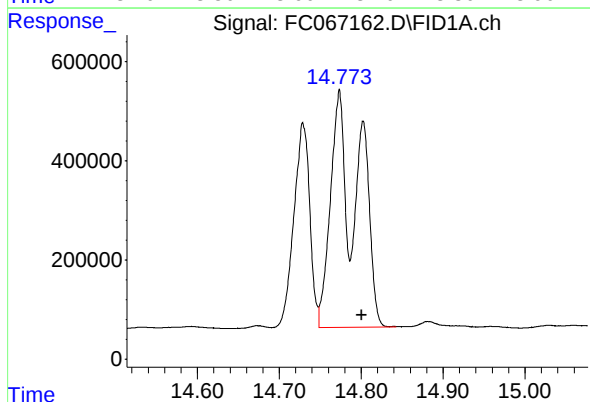
FID_C

ClientSampleId :

NB-614-COMP-06MSD

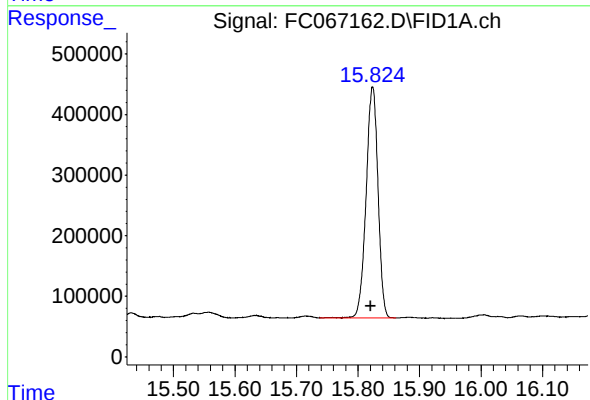
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024



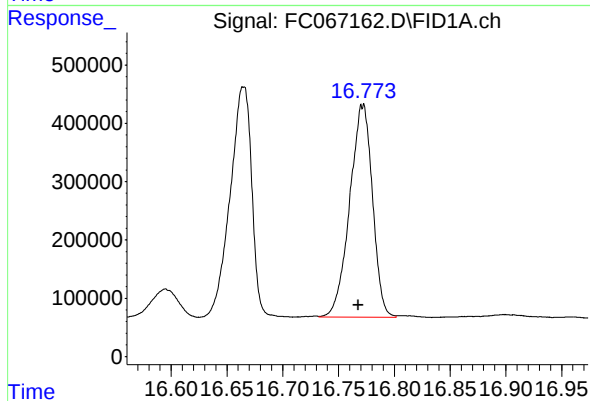
#14 n-Tetracosane (C24)

R.T.: 14.773 min
Delta R.T.: -0.028 min
Response: 10895391
Conc: 95.94 ug/ml m



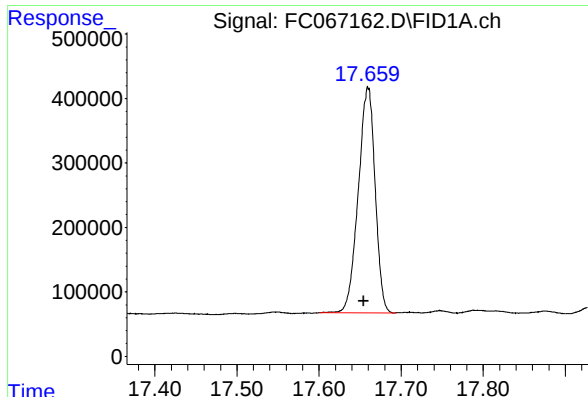
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.003 min
Response: 5134290
Conc: 46.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.005 min
Response: 5181376
Conc: 47.97 ug/ml m



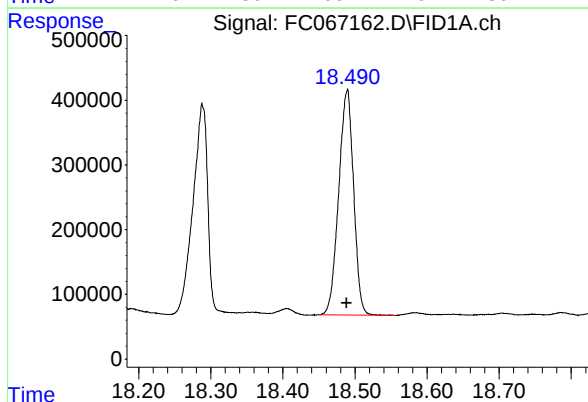
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.005 min
Response: 4998077
Conc: 45.95 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-614-COMP-06MSD

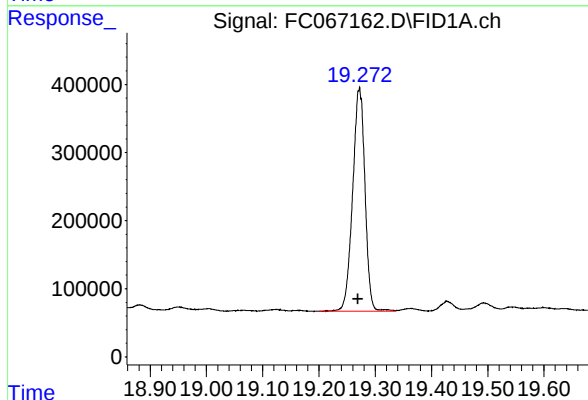
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024



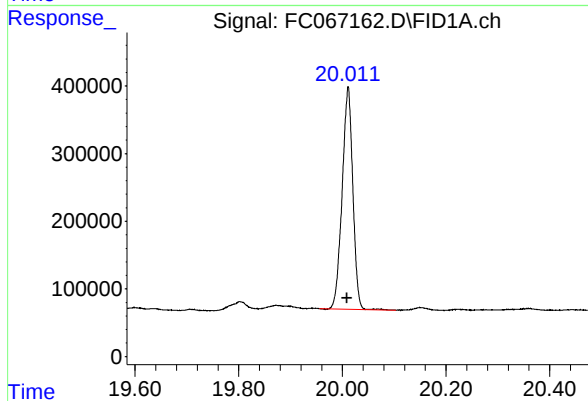
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 4995836
Conc: 47.90 ug/ml



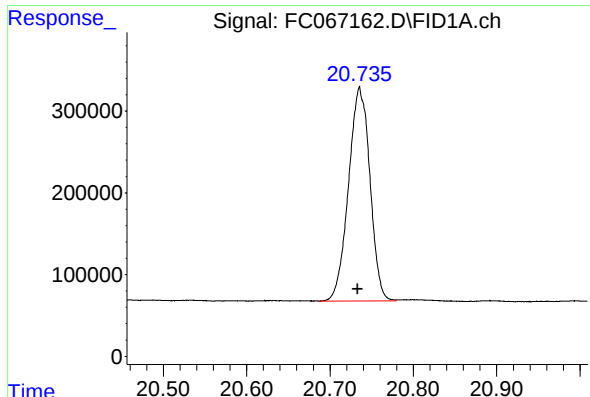
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.002 min
Response: 4988713
Conc: 54.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 4683114
Conc: 59.09 ug/ml



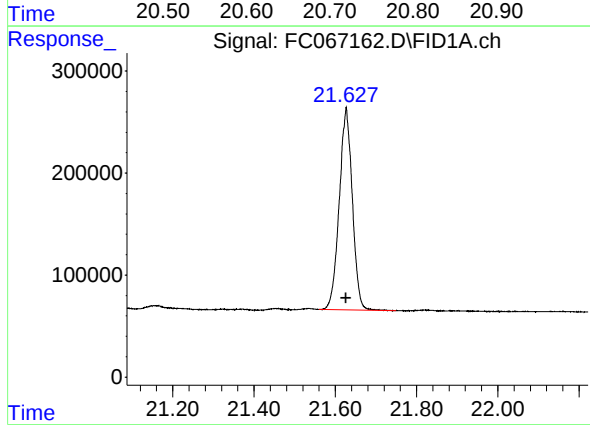
#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.002 min
Response: 4662528
Conc: 62.07 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-614-COMP-06MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024



#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.000 min
Response: 4430525
Conc: 63.42 ug/ml