

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
 Data File : FE044624.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2023 19:37
 Operator : YP\AJ
 Sample : 04731-07MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

DTP-3MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e

Quant Time: Oct 05 23:57:38 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 2023

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)	11.926	6302785	33.572 ug/ml
Spiked Amount 50.000		Recovery =	67.14%
12) S 1-chlorooctadecane (S...	13.367	5883555	43.248 ug/ml
Spiked Amount 50.000		Recovery =	86.50%
Target Compounds			
1) T n-Nonane (C9)	3.306	4634629	28.547 ug/ml
2) T n-Decane (C10)	4.558	5212686	31.479 ug/ml
3) T A~Naphthalene (C11.7)	6.257	6060232	33.896 ug/ml
4) T n-Dodecane (C12)	6.722	5778450	34.740 ug/ml
5) T A~2-methylnaphthalene...	7.354	6318081	36.929 ug/ml
6) T n-Tetradecane (C14)	8.552	6382635	38.879 ug/ml
7) T n-Hexadecane (C16)	10.163	7336992	43.310 ug/ml
8) T n-Octadecane (C18)	11.610	7216538	42.503 ug/ml
10) T n-Eicosane (C20)	12.924	7440160	46.244 ug/ml
11) T n-Heneicosane (C21)	13.537	7329292	46.807 ug/ml
13) T n-Docosane (C22)	14.125	7453675	48.328 ug/ml
14) T n-Tetracosane (C24)	15.220	17420297	115.239 ug/ml
15) T n-Hexacosane (C26)	16.257	6675574	45.383 ug/ml
16) T n-Octacosane (C28)	17.207	7715896	53.798 ug/ml
17) T n-Tricontane (C30)	18.101	6532615	44.070 ug/ml
18) T n-Dotriacontane (C32)	18.932	6236773	42.130 ug/ml
19) T n-Tetratriacontane (C34)	19.718	6375905	43.628 ug/ml
20) T n-Hexatriacontane (C36)	20.461	6130994	42.267 ug/mlm
21) T n-Octatriacontane (C38)	21.210	6366661	42.504 ug/ml
22) T n-Tetracontane (C40)	22.142	6919009	43.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
Data File : FE044624.D
Signal(s) : FID1B.ch
Acq On : 05 Oct 2023 19:37
Operator : YP\AJ
Sample : 04731-07MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

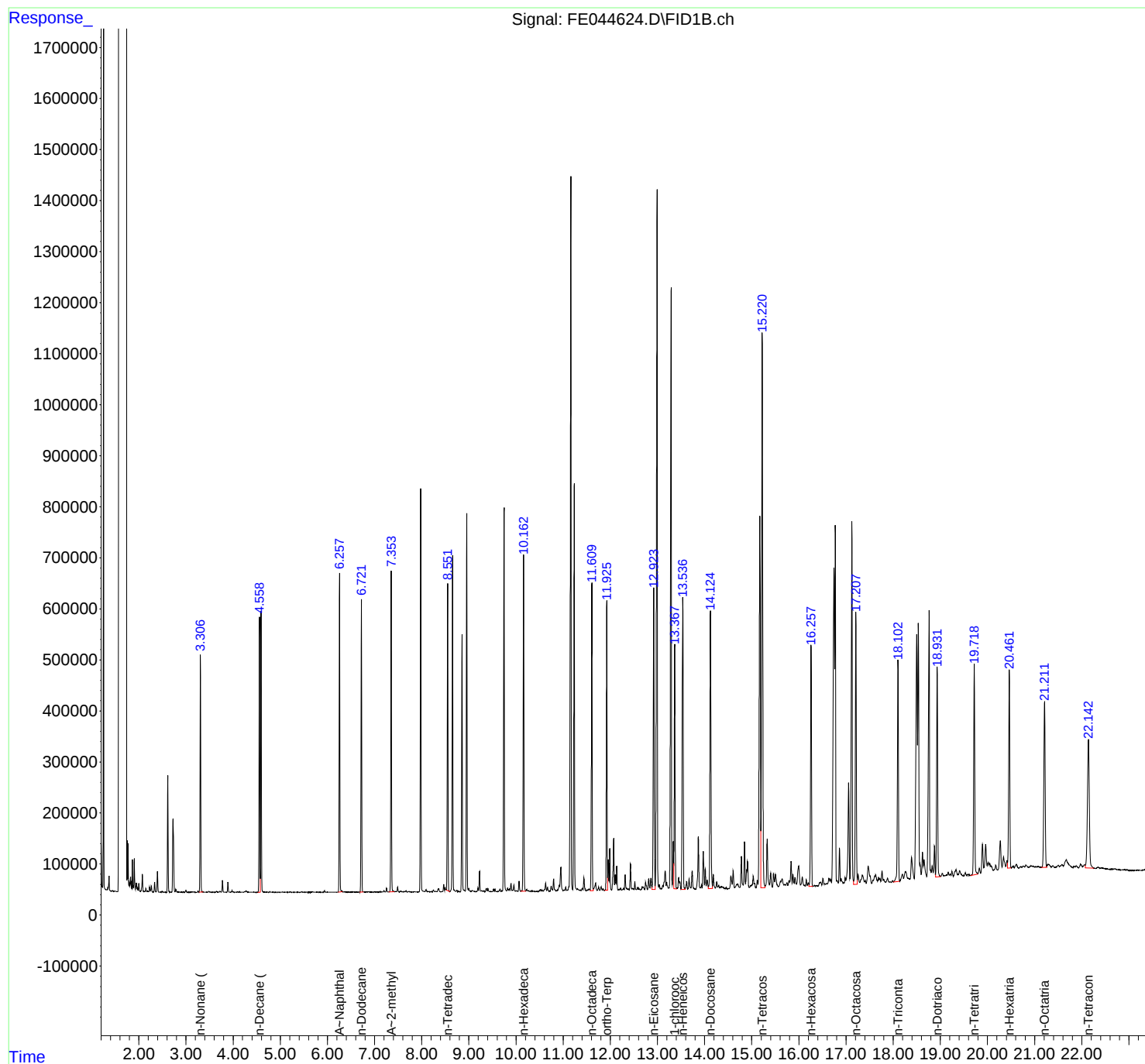
Instrument :
FID_E
ClientSampleId :
DTP-3MS

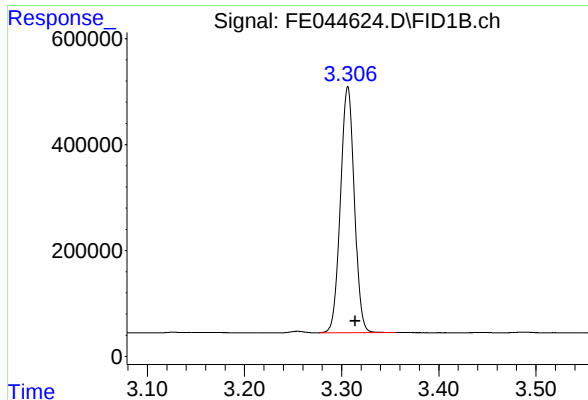
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
Quant Time: Oct 05 23:57:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.
Quant Title : GC Extractables
QLast Update : Mon Sep 25 11:06:21 2023
Response via : Initial Calibration
Integrator: ChemStation

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





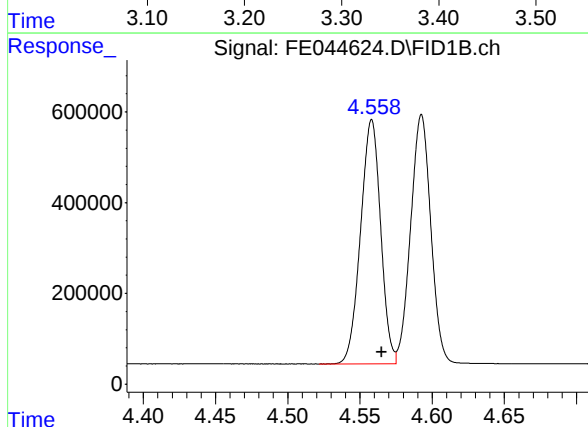
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.008 min
Response: 4634629
Conc: 28.55 ug/ml

Instrument :
FID_E
ClientSampleId :
DTP-3MS

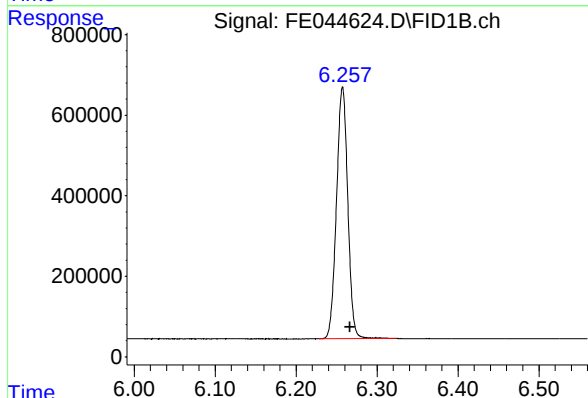
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



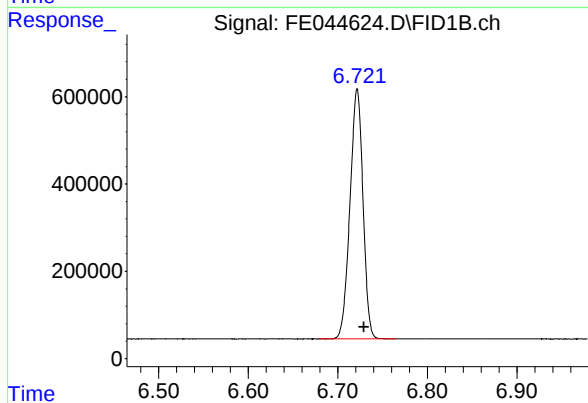
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.007 min
Response: 5212686
Conc: 31.48 ug/ml



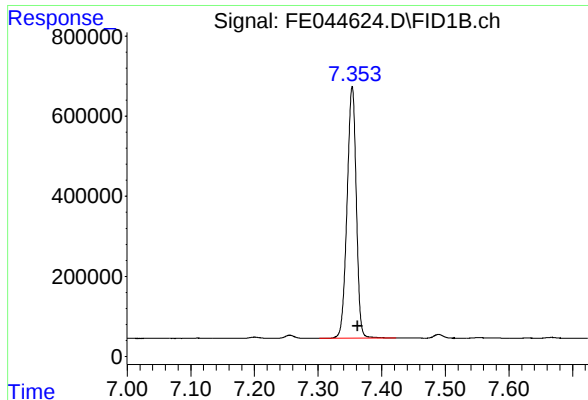
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.009 min
Response: 6060232
Conc: 33.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 5778450
Conc: 34.74 ug/ml



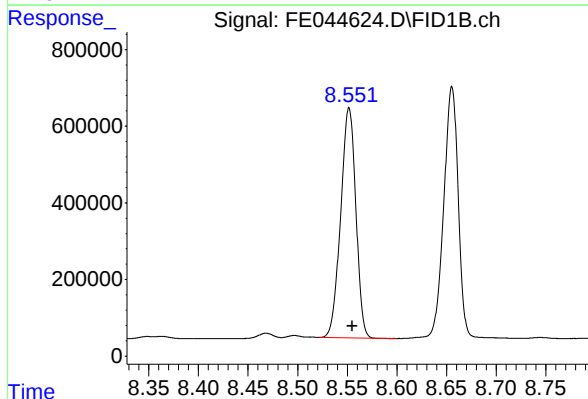
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 6318081
Conc: 36.93 ug/ml

Instrument :
FID_E
ClientSampleId :
DTP-3MS

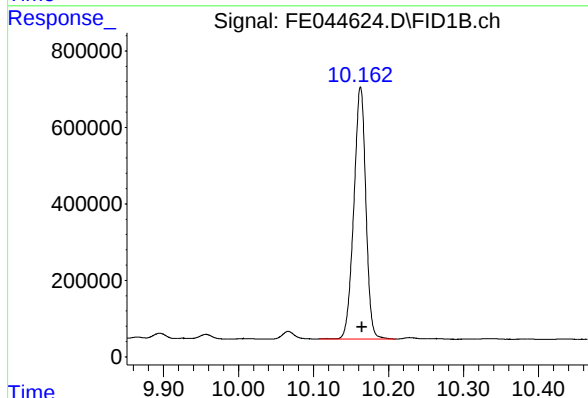
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



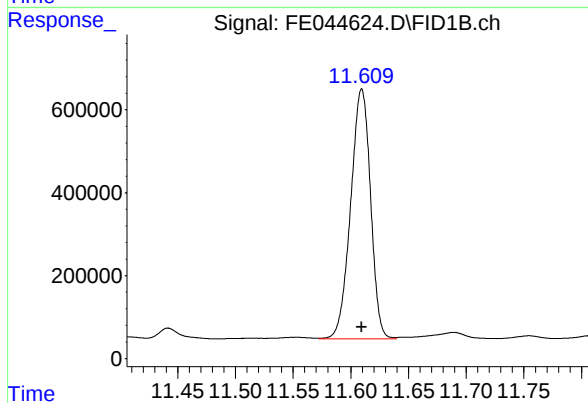
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 6382635
Conc: 38.88 ug/ml



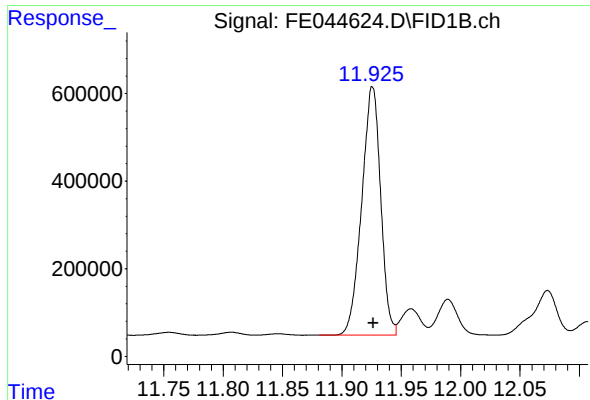
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.002 min
Response: 7336992
Conc: 43.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 7216538
Conc: 42.50 ug/ml



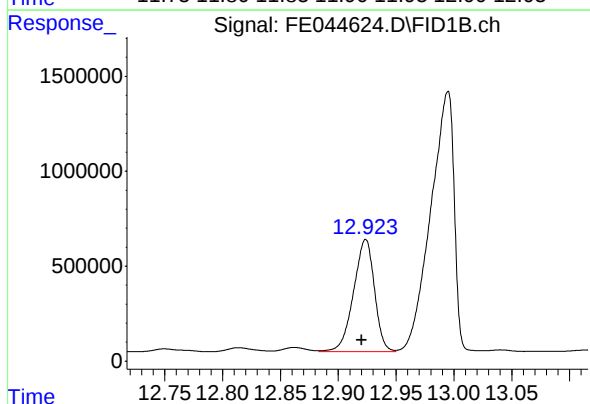
#9 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: 0.000 min
Response: 6302785
Conc: 33.57 ug/ml

Instrument :
FID_E
ClientSampleId :
DTP-3MS

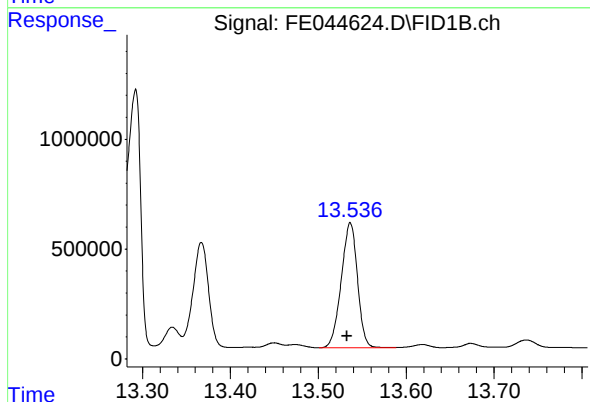
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



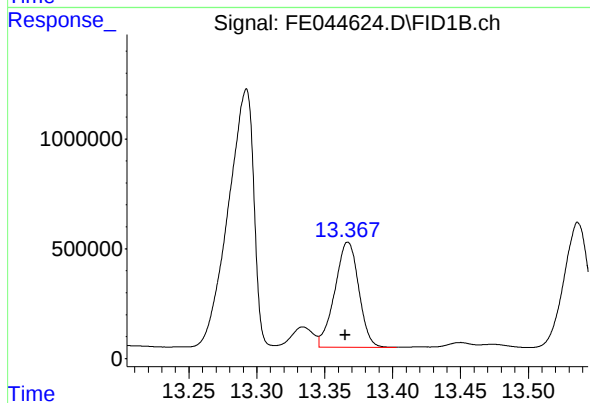
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 7440160
Conc: 46.24 ug/ml



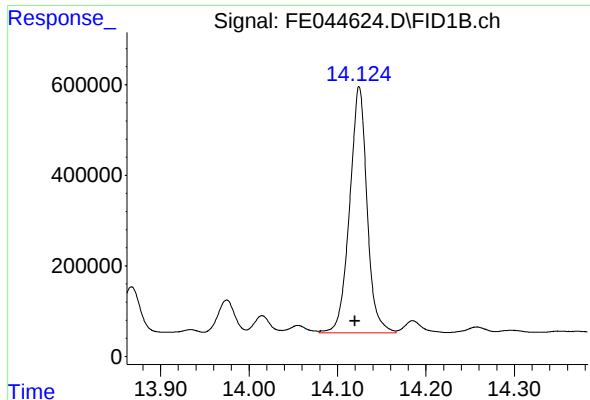
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.004 min
Response: 7329292
Conc: 46.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: 0.002 min
Response: 5883555
Conc: 43.25 ug/ml



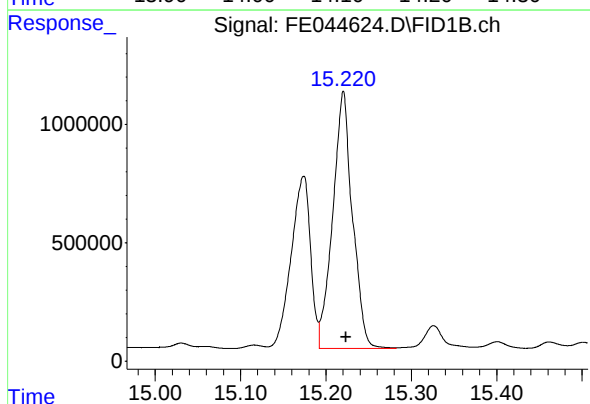
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.005 min
Response: 7453675
Conc: 48.33 ug/ml

Instrument :
FID_E
ClientSampleId :
DTP-3MS

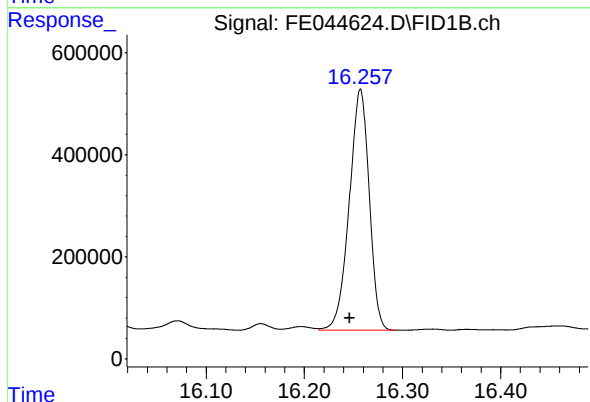
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



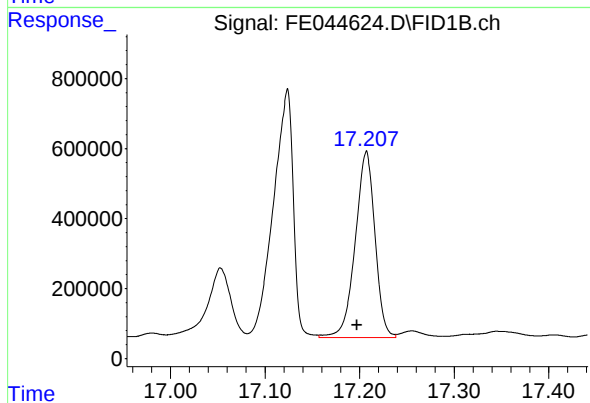
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.003 min
Response: 17420297
Conc: 115.24 ug/ml



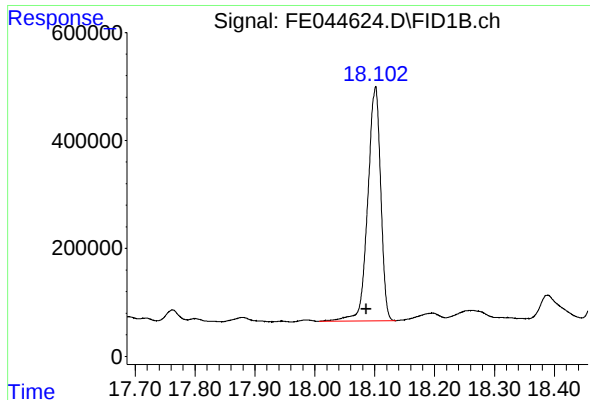
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.011 min
Response: 6675574
Conc: 45.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: 0.010 min
Response: 7715896
Conc: 53.80 ug/ml



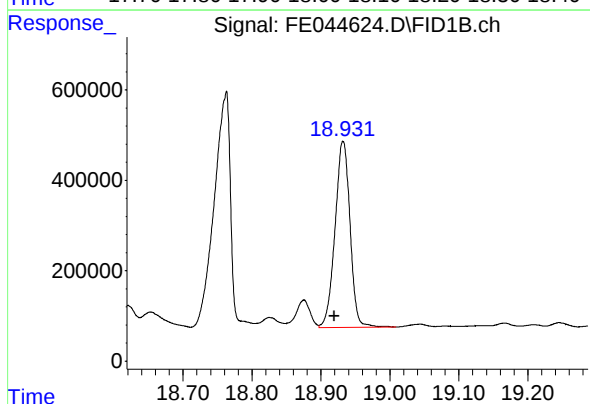
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.015 min
Response: 6532615
Conc: 44.07 ug/ml

Instrument :
FID_E
ClientSampleId :
DTP-3MS

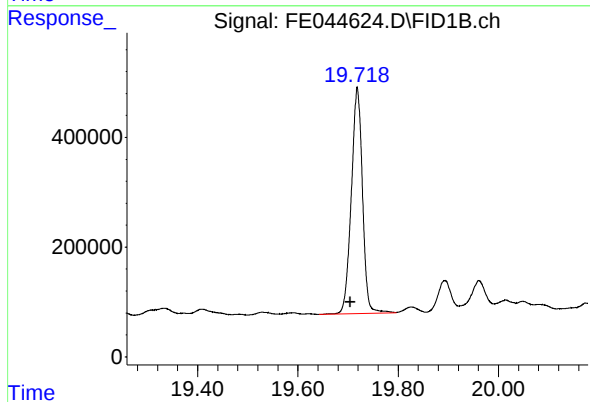
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



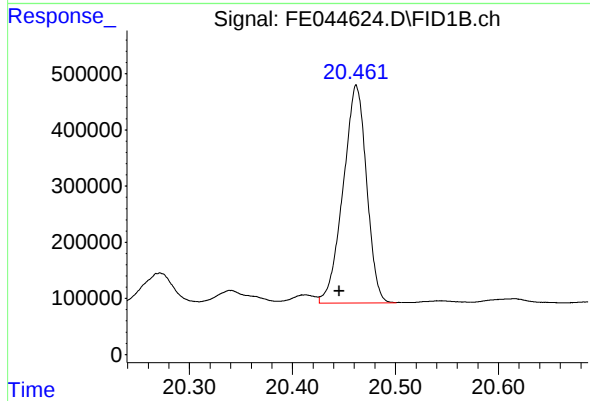
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.012 min
Response: 6236773
Conc: 42.13 ug/ml



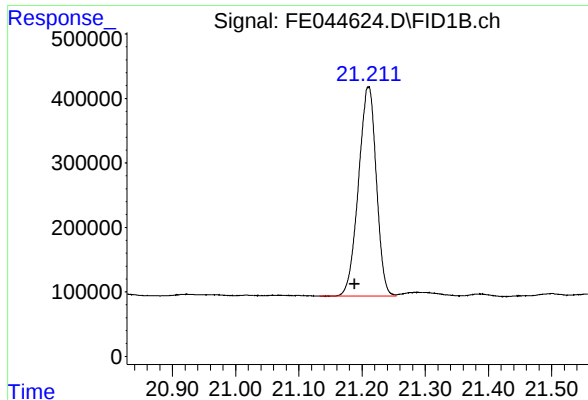
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.014 min
Response: 6375905
Conc: 43.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: 0.016 min
Response: 6130994
Conc: 42.27 ug/ml m



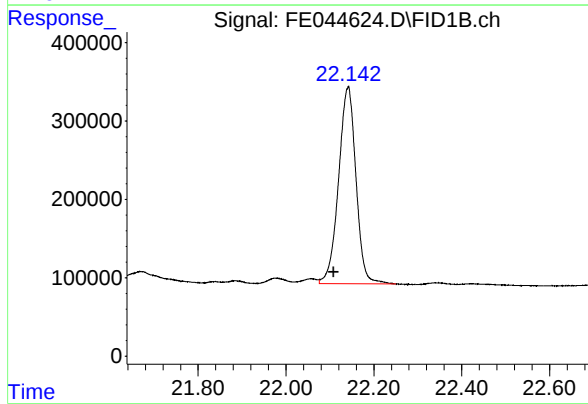
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.022 min
Response: 6366661
Conc: 42.50 ug/ml

Instrument :
FID_E
ClientSampleId :
DTP-3MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.033 min
Response: 6919009
Conc: 43.84 ug/ml