

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923AL\
 Data File : FE044732.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2023 16:18
 Operator : YP\AJ
 Sample : PB156208BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156208BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 09 23:44:49 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)	11.919	11356898	60.493 ug/ml
Spiked Amount 50.000		Recovery =	120.99%
12) S 1-chlorooctadecane (S...	13.360	8913578	65.520 ug/ml
Spiked Amount 50.000		Recovery =	131.04%
Target Compounds			
1) T n-Nonane (C9)	3.308	5822933	35.866 ug/ml
2) T n-Decane (C10)	4.556	6394276	38.615 ug/ml
3) T A~Naphthalene (C11.7)	6.253	7496856	41.932 ug/ml
4) T n-Dodecane (C12)	6.717	7193073	43.245 ug/ml
5) T A~2-methylnaphthalene...	7.348	7806170	45.627 ug/ml
6) T n-Tetradecane (C14)	8.547	8180358	49.829 ug/ml
7) T n-Hexadecane (C16)	10.156	8859971	52.300 ug/ml
8) T n-Octadecane (C18)	11.603	9010227	53.067 ug/ml
10) T n-Eicosane (C20)	12.915	8999739	55.937 ug/ml
11) T n-Heneicosane (C21)	13.527	8607461	54.970 ug/ml
13) T n-Docosane (C22)	14.115	8497830	55.098 ug/ml
14) T n-Tetracosane (C24)	15.201	16261093	107.571 ug/mlm
15) T n-Hexacosane (C26)	16.245	8034814	54.623 ug/ml
16) T n-Octacosane (C28)	17.195	7939113	55.355 ug/ml
17) T n-Tricontane (C30)	18.088	7781204	52.493 ug/ml
18) T n-Dotriacontane (C32)	18.920	7660509	51.748 ug/ml
19) T n-Tetratriacontane (C34)	19.706	7439217	50.904 ug/ml
20) T n-Hexatriacontane (C36)	20.449	6823795	47.043 ug/ml
21) T n-Octatriacontane (C38)	21.192	6590473	43.998 ug/ml
22) T n-Tetracontane (C40)	22.114	6310795	39.989 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923AL\
Data File : FE044732.D
Signal(s) : FID1B.ch
Acq On : 09 Oct 2023 16:18
Operator : YP\AJ
Sample : PB156208BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

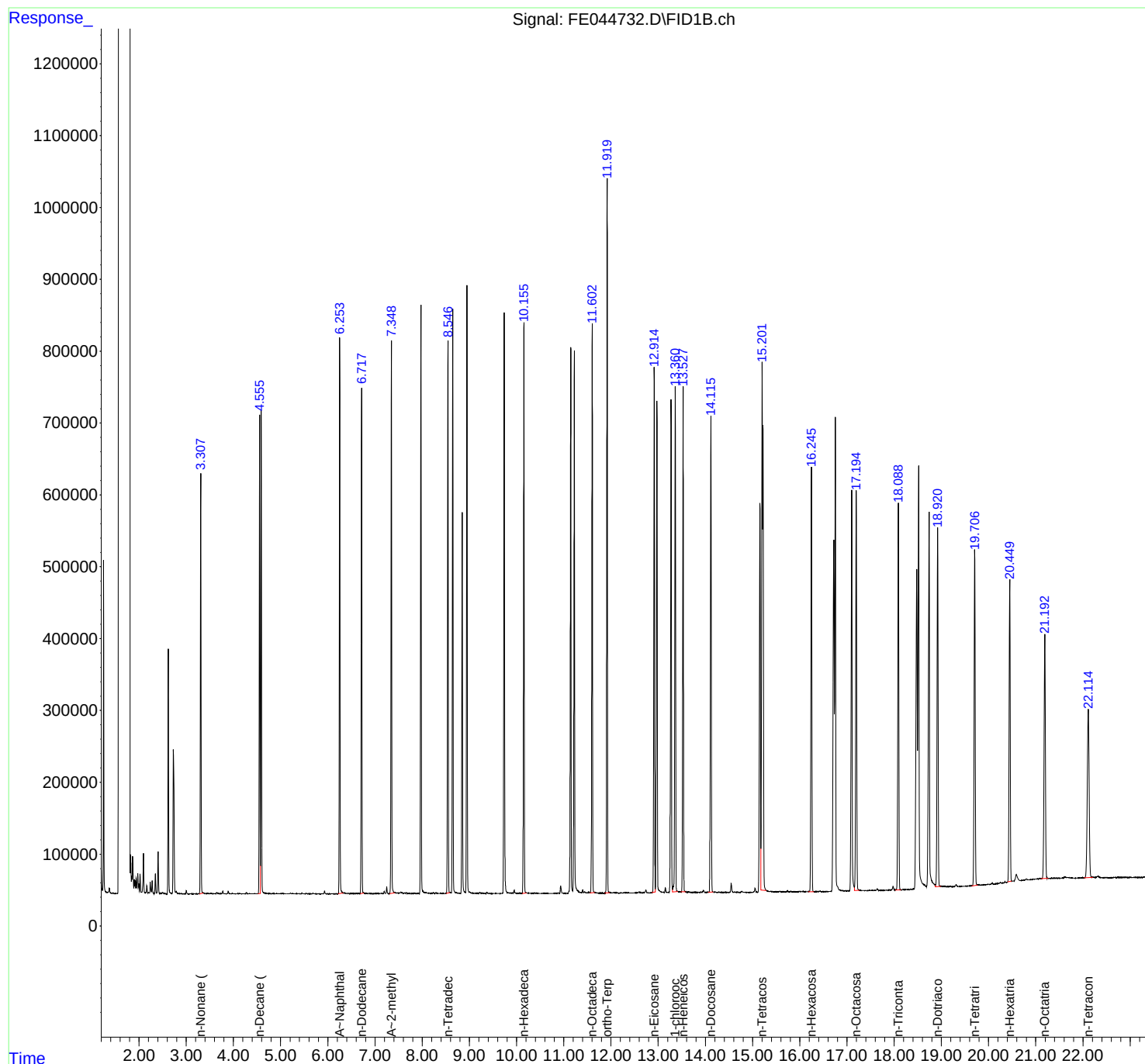
Instrument :
FID_E
ClientSampleId :
PB156208BSD

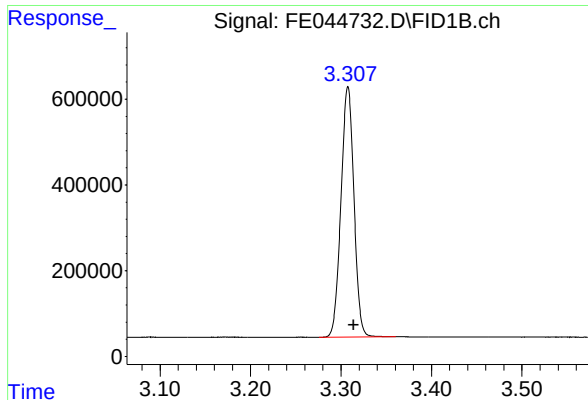
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Oct 09 23:44:49 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.: 3.308 min
Delta R.T.: -0.006 min
Response: 5822933
Conc: 35.87 ug/ml

Instrument :

FID_E

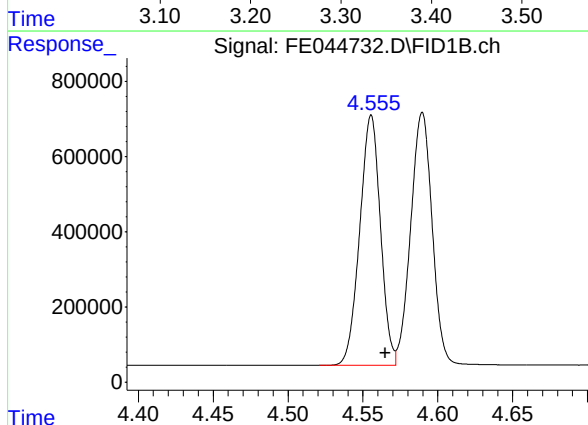
ClientSampleId :

PB156208BSD

Manual Integrations

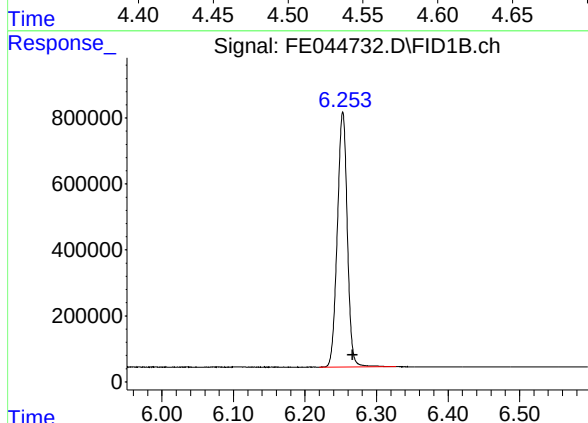
APPROVED

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



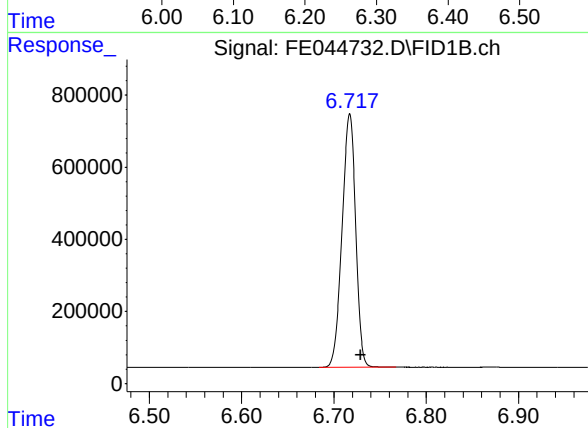
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 6394276
Conc: 38.62 ug/ml



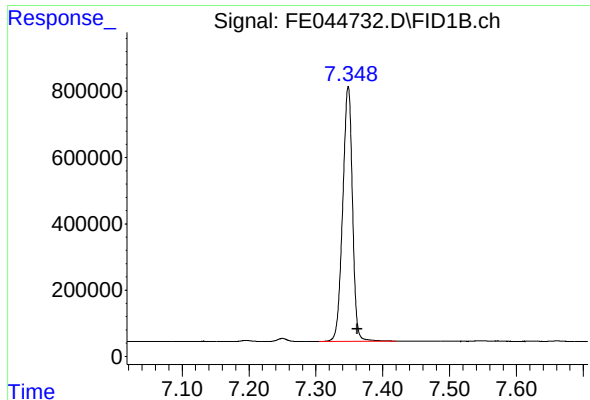
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.014 min
Response: 7496856
Conc: 41.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 7193073
Conc: 43.25 ug/ml



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

R.T.: 7.348 min
Delta R.T.: -0.013 min
Response: 7806170
Conc: 45.63 ug/ml

Instrument :

FID_E

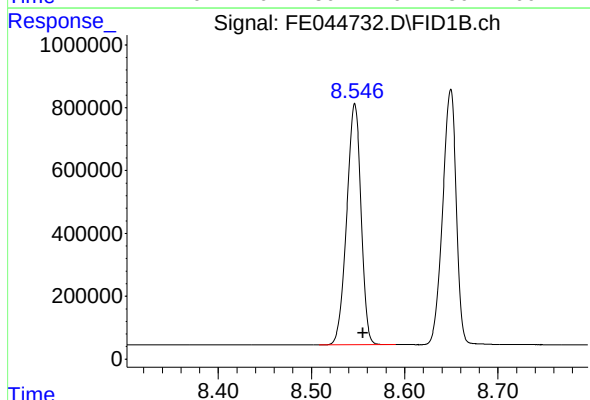
ClientSampleId :

PB156208BSD

Manual Integrations

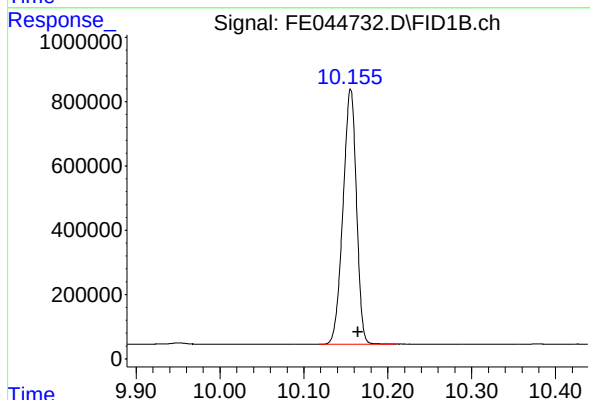
APPROVED

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



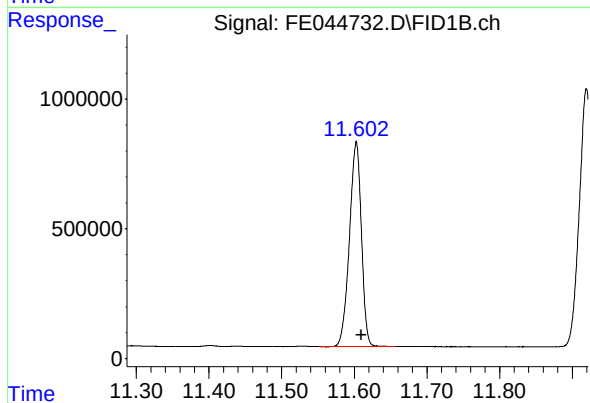
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.009 min
Response: 8180358
Conc: 49.83 ug/ml



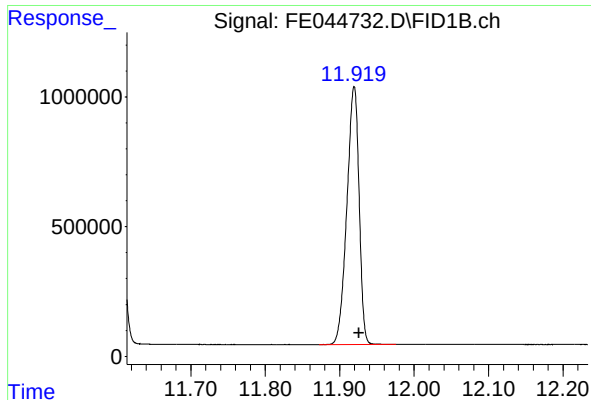
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.009 min
Response: 8859971
Conc: 52.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.007 min
Response: 9010227
Conc: 53.07 ug/ml



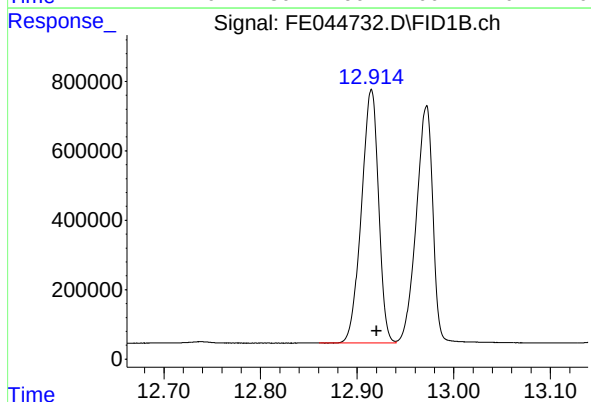
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 11356898
Conc: 60.49 ug/ml

Instrument :
FID_E
ClientSampleId :
PB156208BSD

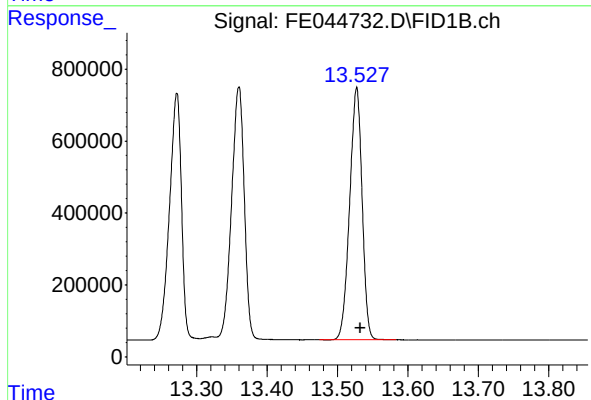
Manual Integrations
APPROVED

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



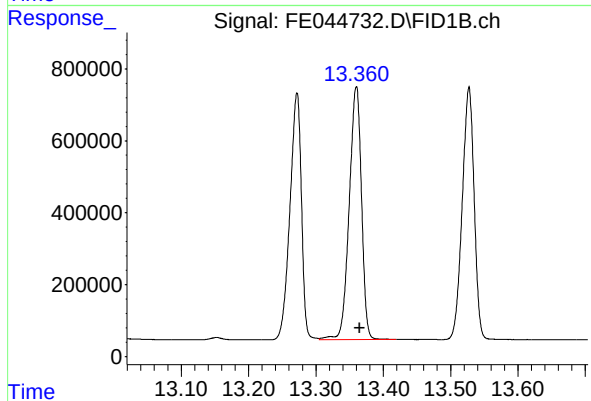
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.005 min
Response: 8999739
Conc: 55.94 ug/ml



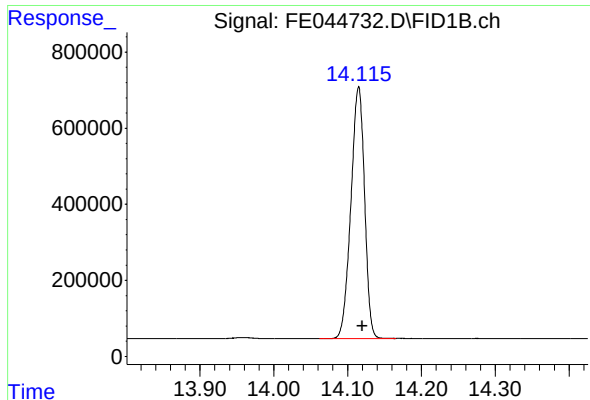
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.005 min
Response: 8607461
Conc: 54.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.005 min
Response: 8913578
Conc: 65.52 ug/ml



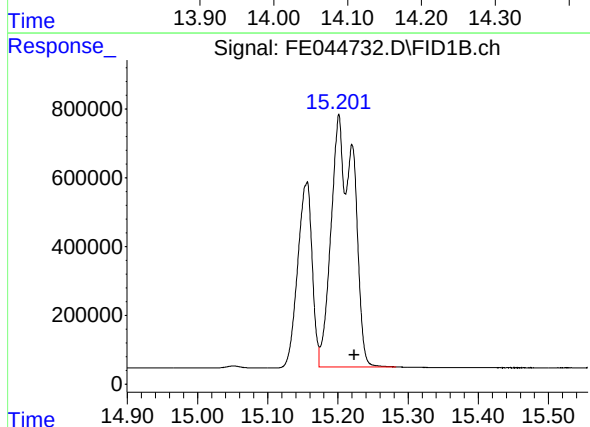
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 8497830
Conc: 55.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB156208BSD

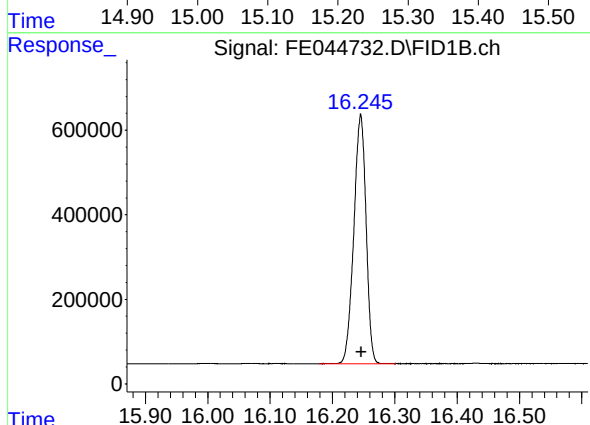
Manual Integrations
APPROVED

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



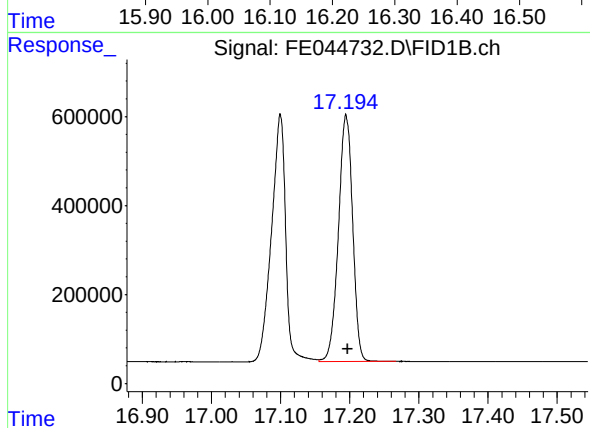
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: -0.022 min
Response: 16261093
Conc: 107.57 ug/ml m



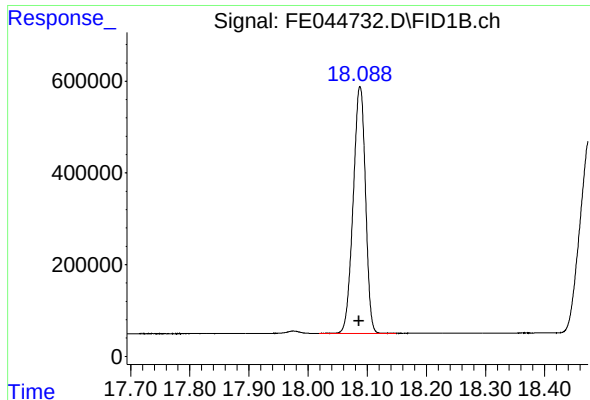
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.000 min
Response: 8034814
Conc: 54.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: -0.002 min
Response: 7939113
Conc: 55.35 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: 0.002 min
Response: 7781204
Conc: 52.49 ug/ml

Instrument :

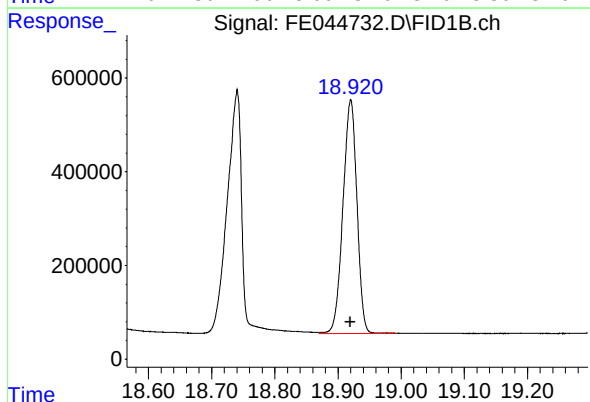
FID_E

ClientSampleId :

PB156208BSD

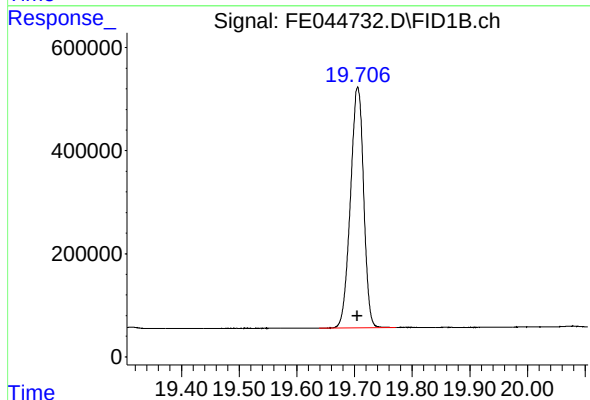
Manual Integrations
APPROVED

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



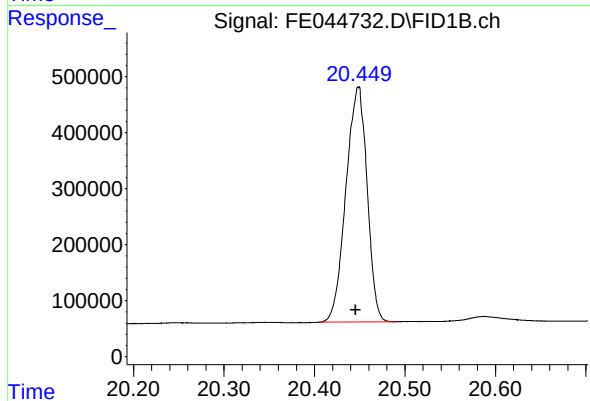
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 7660509
Conc: 51.75 ug/ml



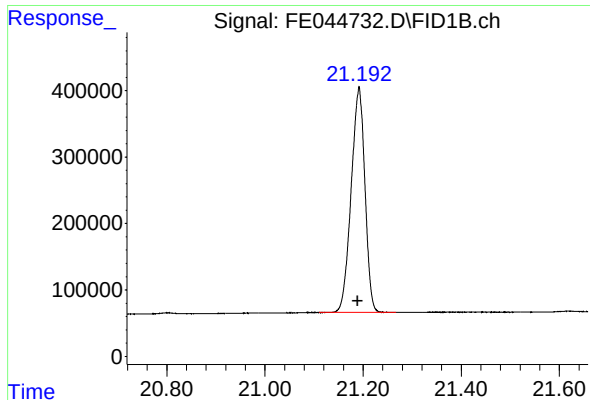
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: 0.000 min
Response: 7439217
Conc: 50.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: 0.003 min
Response: 6823795
Conc: 47.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.004 min
Response: 6590473
Conc: 44.00 ug/ml

Instrument :

FID_E

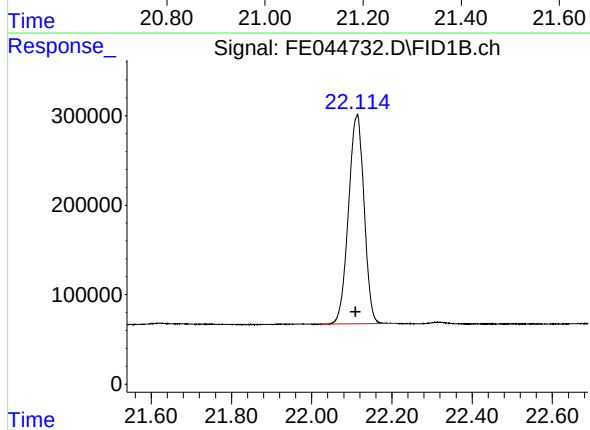
ClientSampleId :

PB156208BSD

Manual Integrations

APPROVED

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



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: 0.005 min
Response: 6310795
Conc: 39.99 ug/ml