

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
 Data File : FE047730.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2024 16:59
 Operator : YP\AJ
 Sample : P2199-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/23/2024
 Supervised By :Ankita Jodhani 04/23/2024

Integration File: autoint1.e
 Quant Time: Apr 23 01:21:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.980	6354057	36.634 ug/ml
Spiked Amount 50.000		Recovery =	73.27%
12) S 1-chlorooctadecane (S...	13.413	5536126	41.162 ug/ml
Spiked Amount 50.000		Recovery =	82.32%
Target Compounds			
1) T n-Nonane (C9)	3.357	4844570	30.966 ug/ml
2) T n-Decane (C10)	4.611	5478599	34.088 ug/ml
3) T A~Naphthalene (C11.7)	6.318	6238099	36.791 ug/ml
4) T n-Dodecane (C12)	6.777	6228041	38.372 ug/ml
5) T A~2-methylnaphthalene...	7.415	6639992	40.433 ug/ml
6) T n-Tetradecane (C14)	8.608	7140248	44.384 ug/ml
7) T n-Hexadecane (C16)	10.215	7852097	47.280 ug/ml
8) T n-Octadecane (C18)	11.660	8307028	49.536 ug/ml
10) T n-Eicosane (C20)	12.970	8480797	52.349 ug/ml
11) T n-Heneicosane (C21)	13.582	8219063	51.798 ug/ml
13) T n-Docosane (C22)	14.167	8336132	51.944 ug/ml
14) T n-Tetracosane (C24)	15.265	14963218	90.651 ug/ml
15) T n-Hexacosane (C26)	16.292	8051640	48.710 ug/ml
16) T n-Octacosane (C28)	17.239	8342765	50.344 ug/ml
17) T n-Tricontane (C30)	18.127	8160340	48.065 ug/ml
18) T n-Dotriacontane (C32)	18.958	8106613	48.615 ug/mlm
19) T n-Tetratriacontane (C34)	19.741	8372215	52.200 ug/ml
20) T n-Hexatriacontane (C36)	20.480	8458502	53.032 ug/ml
21) T n-Octatriacontane (C38)	21.225	8806128	54.184 ug/mlm
22) T n-Tetracontane (C40)	22.156	8619303	52.645 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
Data File : FE047730.D
Signal(s) : FID1B.ch
Acq On : 22 Apr 2024 16:59
Operator : YP\AJ
Sample : P2199-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

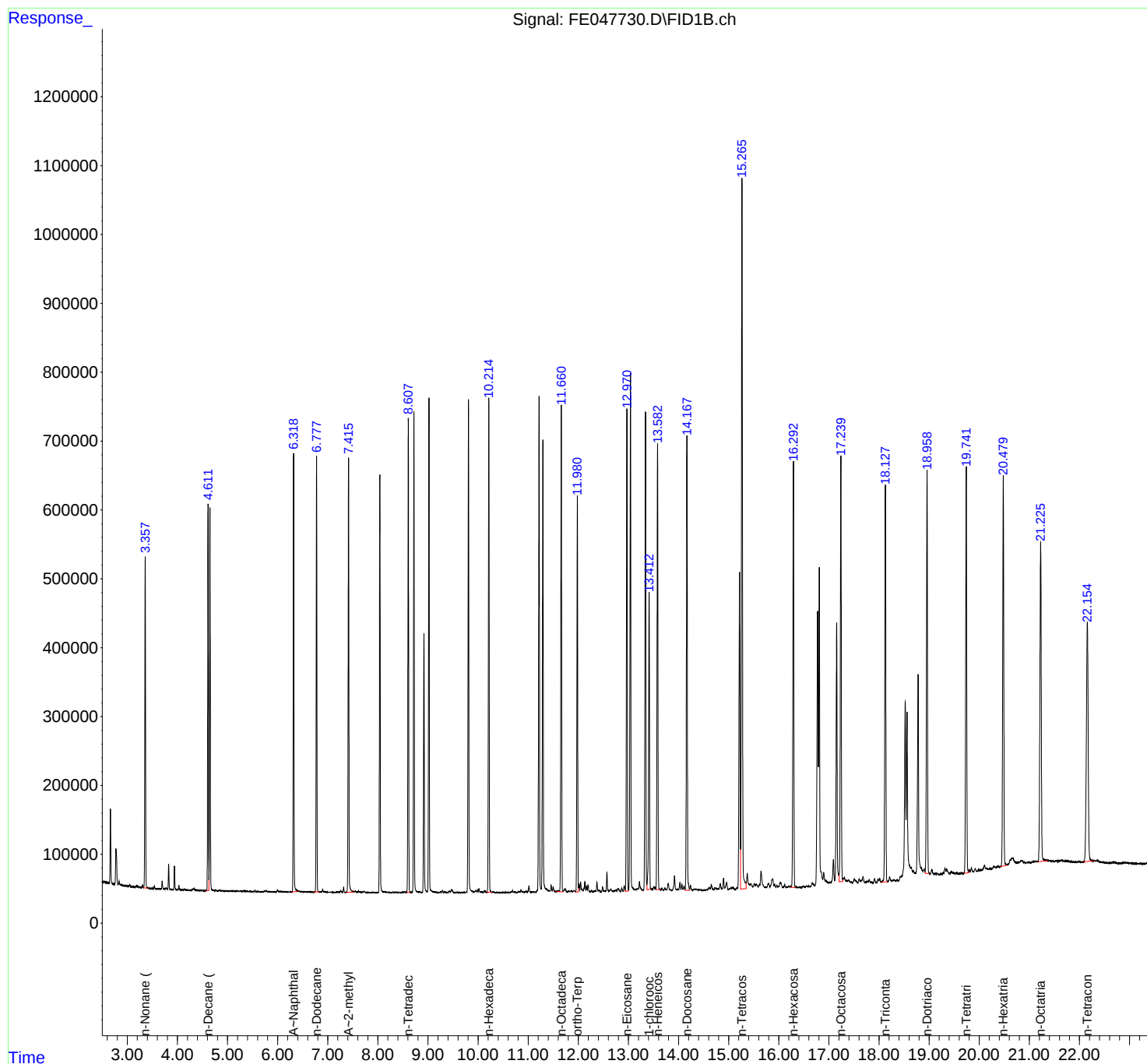
Instrument :
FID_E
ClientSampleId :
STOCK-PILEMSD

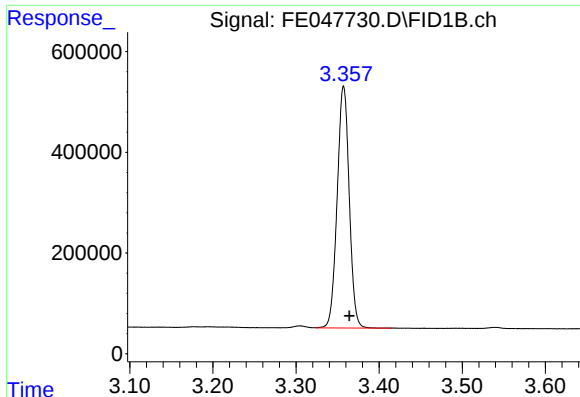
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2024
Supervised By :Ankita Jodhani 04/23/2024

Integration File: autoint1.e
Quant Time: Apr 23 01:21:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
Quant Title : GC Extractables
QLast Update : Tue Apr 02 05:28:28 2024
Response via : Initial Calibration
Integrator: ChemStation

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





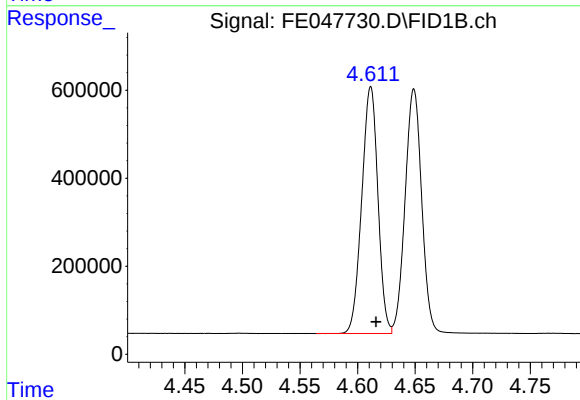
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.007 min
Response: 4844570
Conc: 30.97 ug/ml

Instrument :
FID_E
ClientSampleId :
STOCK-PILEMSD

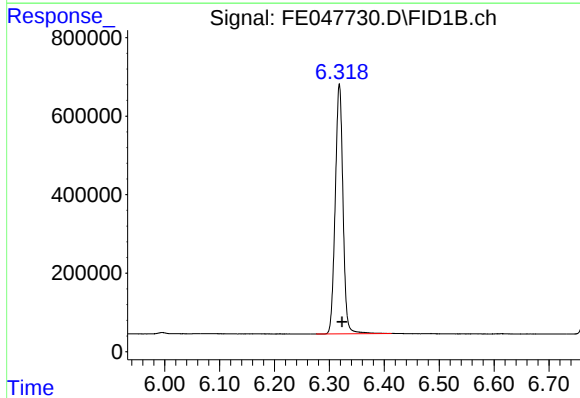
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2024
Supervised By :Ankita Jodhani 04/23/2024



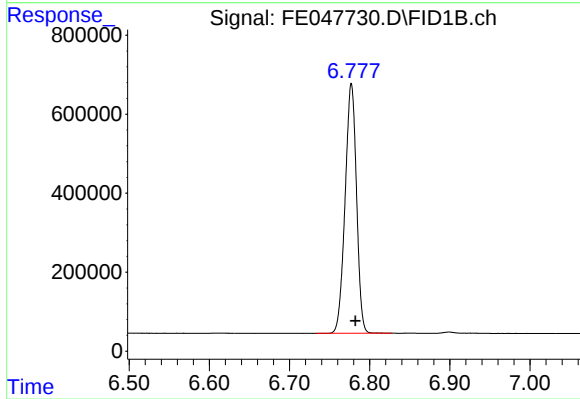
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.005 min
Response: 5478599
Conc: 34.09 ug/ml



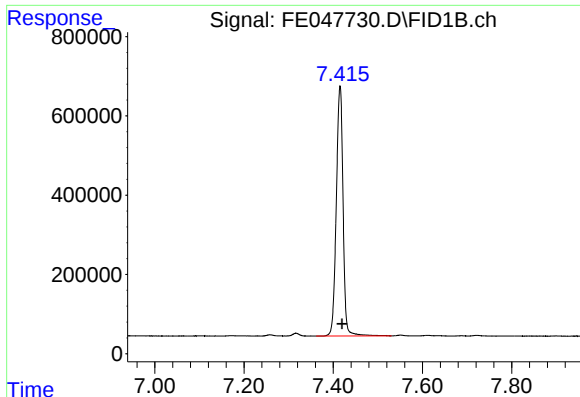
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 6238099
Conc: 36.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 6228041
Conc: 38.37 ug/ml



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

R.T.: 7.415 min
Delta R.T.: -0.004 min
Response: 6639992
Conc: 40.43 ug/ml

Instrument :

FID_E

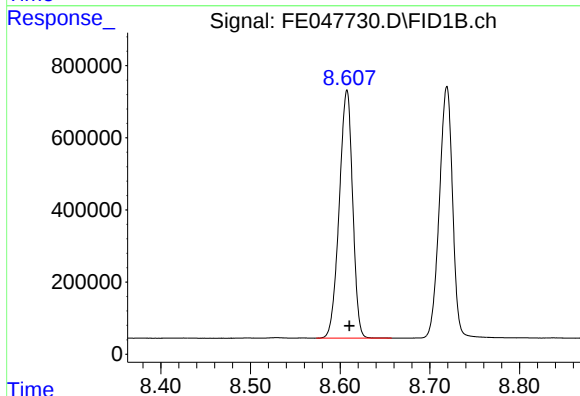
ClientSampleId :

STOCK-PILEMSD

Manual Integrations

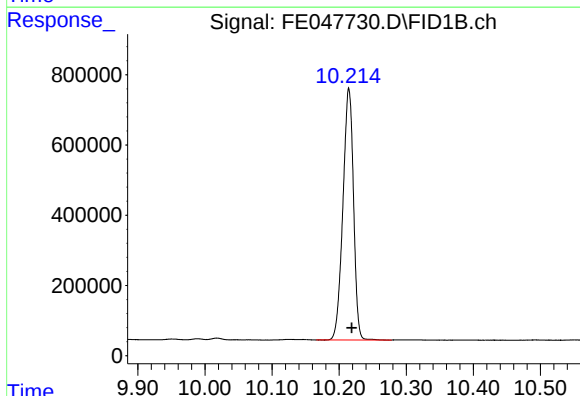
APPROVED

Reviewed By :Yogesh Patel 04/23/2024
Supervised By :Ankita Jodhani 04/23/2024



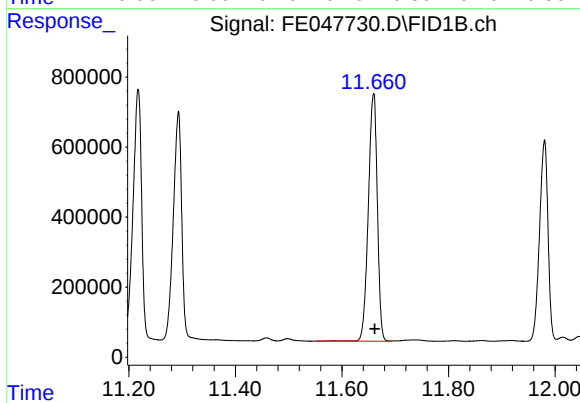
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: -0.003 min
Response: 7140248
Conc: 44.38 ug/ml



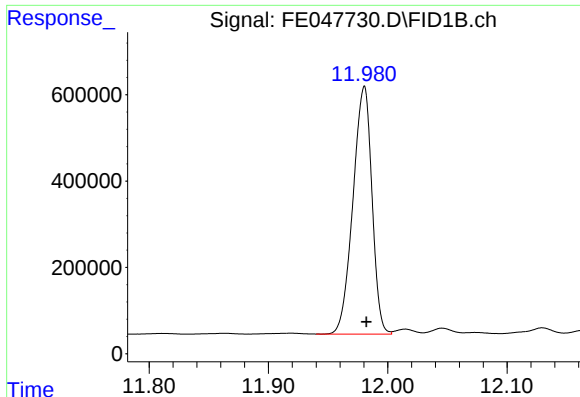
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 7852097
Conc: 47.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 8307028
Conc: 49.54 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: -0.002 min
Response: 6354057
Conc: 36.63 ug/ml

Instrument :

FID_E

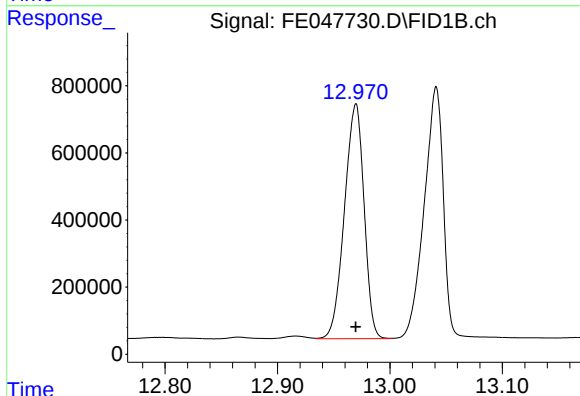
ClientSampleId :

STOCK-PILEMSD

Manual Integrations

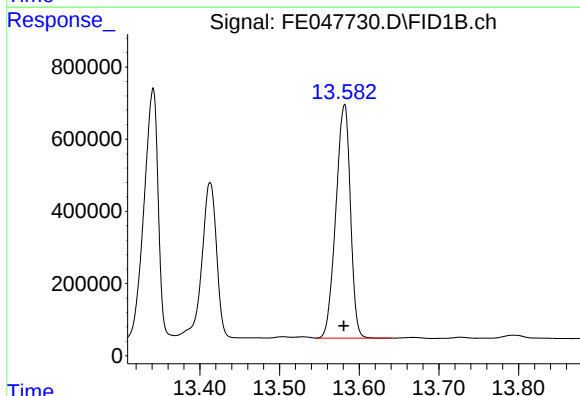
APPROVED

Reviewed By :Yogesh Patel 04/23/2024
Supervised By :Ankita Jodhani 04/23/2024



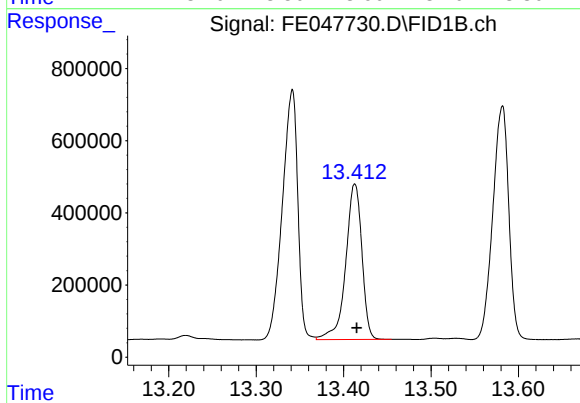
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 8480797
Conc: 52.35 ug/ml



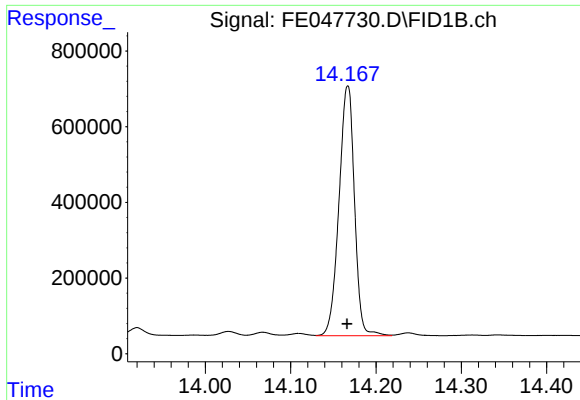
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.001 min
Response: 8219063
Conc: 51.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: -0.002 min
Response: 5536126
Conc: 41.16 ug/ml



#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 8336132
Conc: 51.94 ug/ml

Instrument :

FID_E

ClientSampleId :

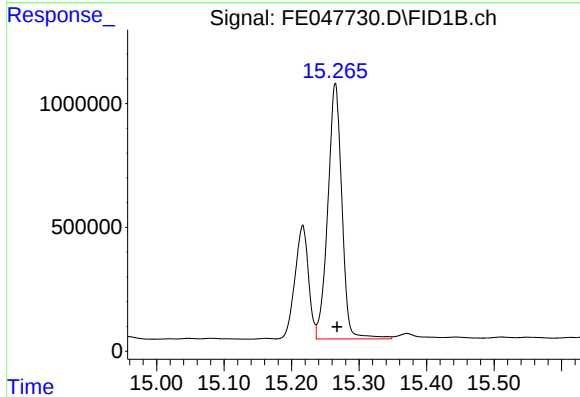
STOCK-PILEMSD

Manual Integrations

APPROVED

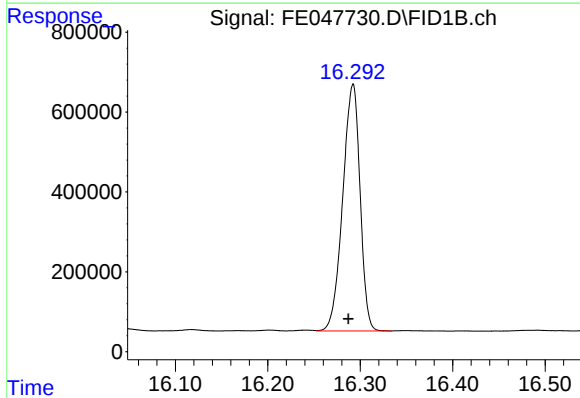
Reviewed By :Yogesh Patel 04/23/2024

Supervised By :Ankita Jodhani 04/23/2024



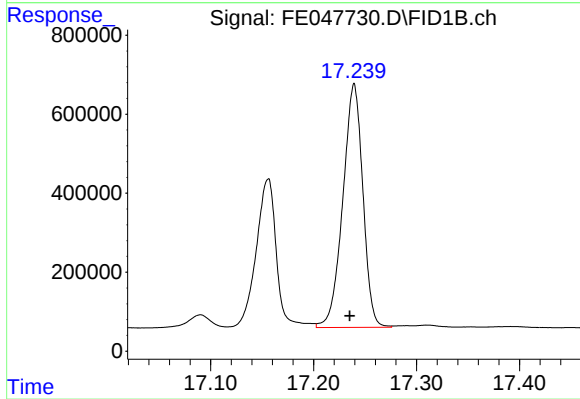
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.003 min
Response: 14963218
Conc: 90.65 ug/ml



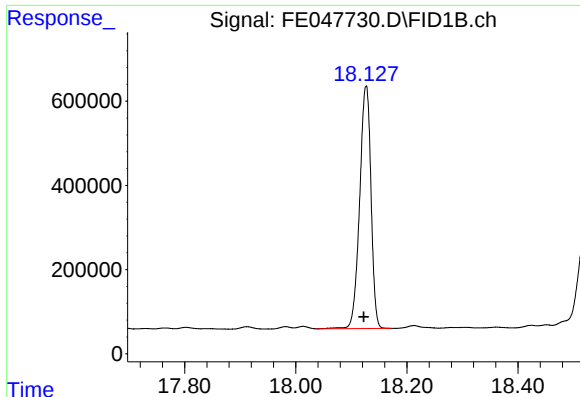
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.005 min
Response: 8051640
Conc: 48.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.004 min
Response: 8342765
Conc: 50.34 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.005 min
Response: 8160340
Conc: 48.07 ug/ml

Instrument :

FID_E

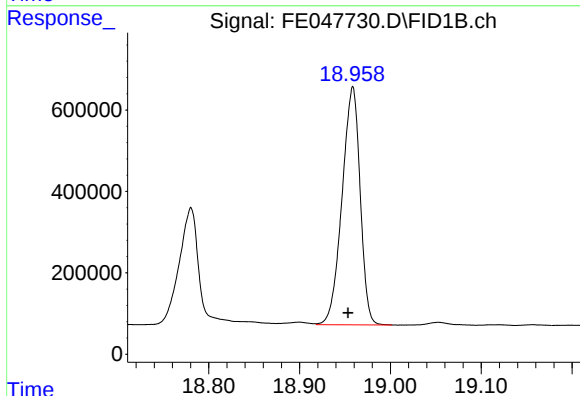
ClientSampleId :

STOCK-PILEMSD

Manual Integrations

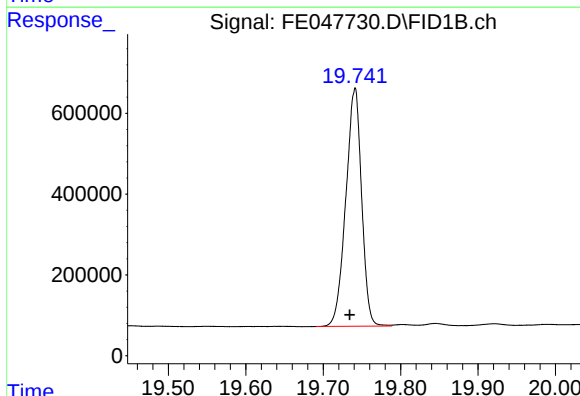
APPROVED

Reviewed By :Yogesh Patel 04/23/2024
Supervised By :Ankita Jodhani 04/23/2024



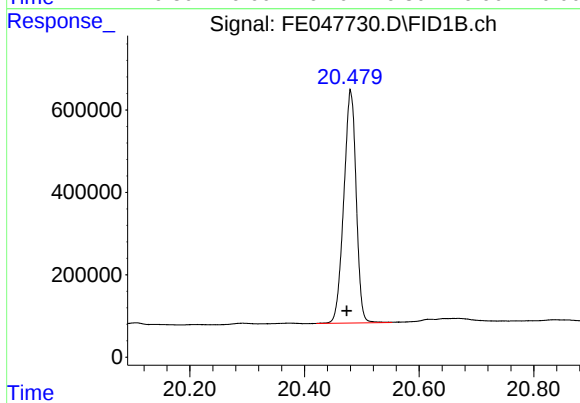
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.005 min
Response: 8106613
Conc: 48.62 ug/ml m



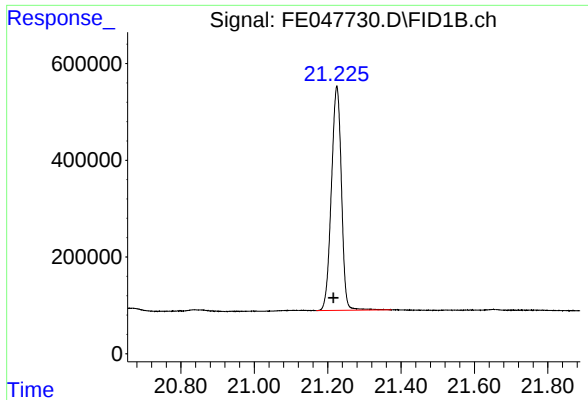
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.007 min
Response: 8372215
Conc: 52.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.480 min
Delta R.T.: 0.006 min
Response: 8458502
Conc: 53.03 ug/ml



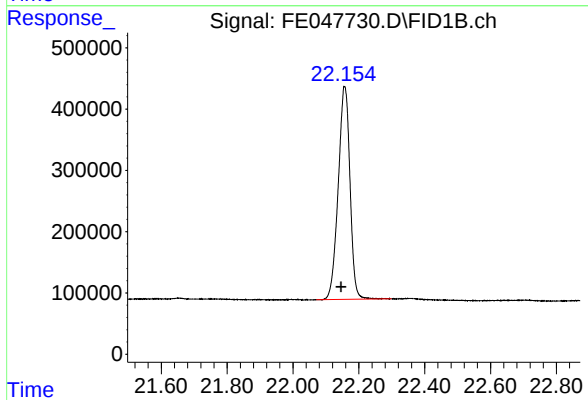
#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.009 min
Response: 8806128
Conc: 54.18 ug/ml

Instrument :
FID_E
ClientSampleId :
STOCK-PILEMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2024
Supervised By :Ankita Jodhani 04/23/2024



#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.010 min
Response: 8619303
Conc: 52.65 ug/ml