

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110922AL\  
 Data File : FE038685.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Nov 2022 23:30  
 Operator : YP\AJ  
 Sample : PB148923BSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB148923BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022  
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e  
 Quant Time: Nov 10 04:57:21 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 26 04:49:29 2022  
 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)    | 11.963 | 5880202    | 34.173 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.35%        |
| 12) S 1-chlorooctadecane (S... | 13.397 | 4695434    | 34.298 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.60%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.379  | 5539405    | 35.967 ug/ml  |
| 2) T n-Decane (C10)            | 4.619  | 5666375    | 36.505 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.315  | 6117588    | 36.123 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.772  | 5783878    | 37.025 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.407  | 5844084    | 34.872 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.597  | 5630130    | 36.001 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.202 | 5745562    | 36.367 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.644 | 5790566    | 36.150 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.952 | 5559819    | 34.506 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.564 | 5461984    | 33.813 ug/ml  |
| 13) T n-Docosane (C22)         | 14.149 | 5466646    | 33.862 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.242 | 11016758   | 68.684 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.272 | 5394074    | 33.960 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.221 | 5461573    | 34.811 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.107 | 5334352    | 33.432 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.939 | 5325789    | 33.778 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.720 | 4983755    | 33.805 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.460 | 4436642    | 31.051 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.203 | 4197386    | 31.077 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.127 | 4251759    | 33.683 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110922AL\  
Data File : FE038685.D  
Signal(s) : FID1B.ch  
Acq On : 09 Nov 2022 23:30  
Operator : YP\AJ  
Sample : PB148923BSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

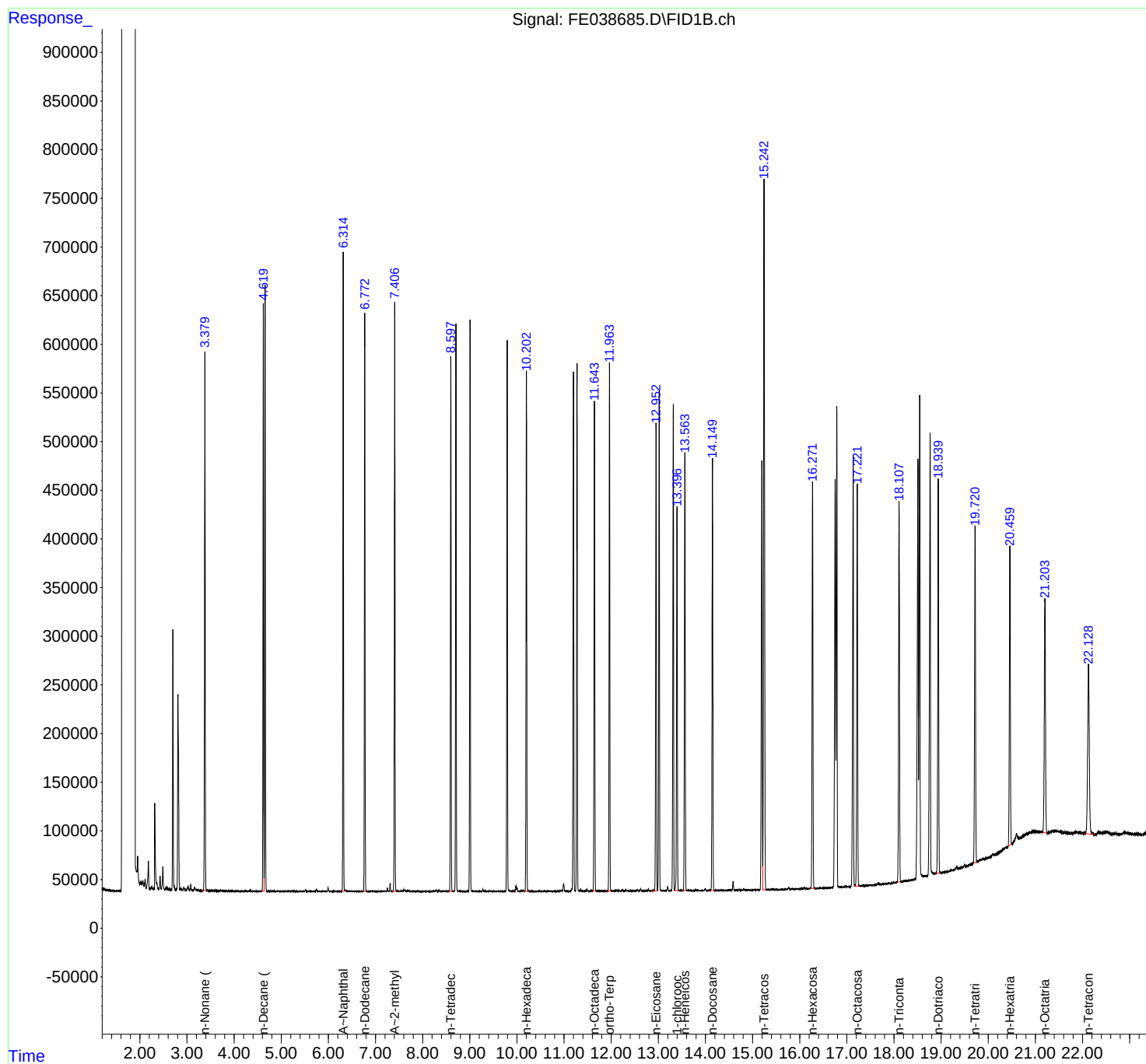
Instrument :  
FID\_E  
ClientSampleId :  
PB148923BSD

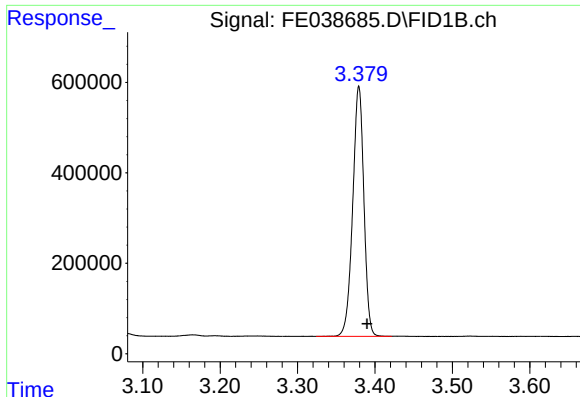
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/10/2022  
Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e  
Quant Time: Nov 10 04:57:21 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 26 04:49:29 2022  
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.: 3.379 min  
Delta R.T.: -0.011 min  
Response: 5539405  
Conc: 35.97 ug/ml

Instrument :

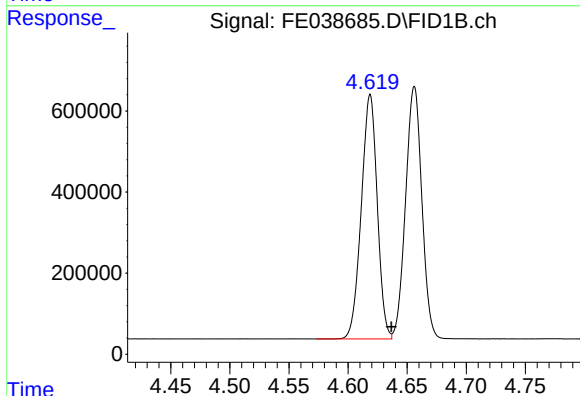
FID\_E

ClientSampleId :

PB148923BSD

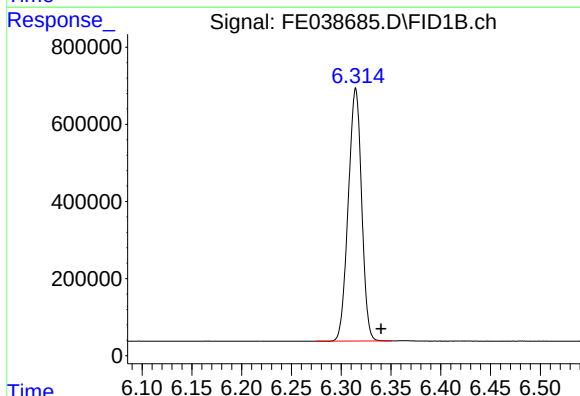
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/10/2022  
Supervised By :Ankita Jodhani 11/10/2022



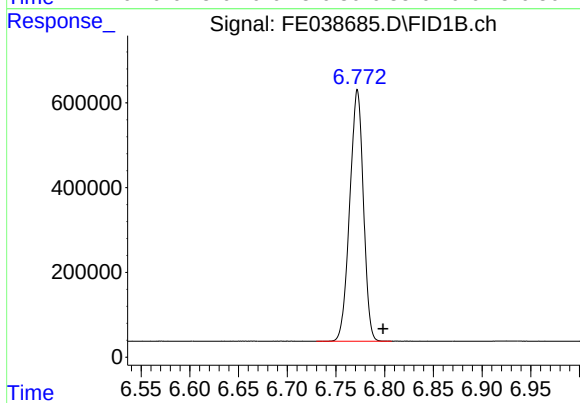
#2 n-Decane (C10)

R.T.: 4.619 min  
Delta R.T.: -0.018 min  
Response: 5666375  
Conc: 36.51 ug/ml



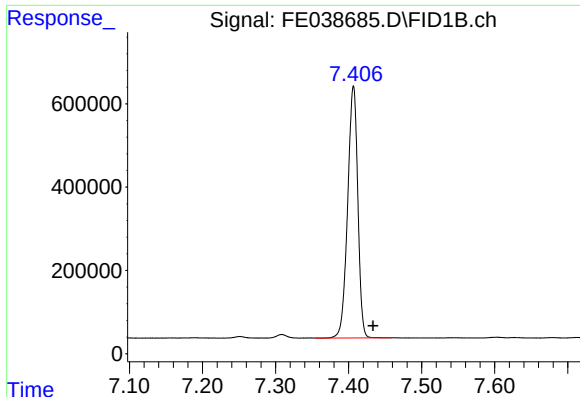
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min  
Delta R.T.: -0.025 min  
Response: 6117588  
Conc: 36.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min  
Delta R.T.: -0.026 min  
Response: 5783878  
Conc: 37.02 ug/ml



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

R.T.: 7.407 min  
Delta R.T.: -0.027 min  
Response: 5844084  
Conc: 34.87 ug/ml

Instrument :

FID\_E

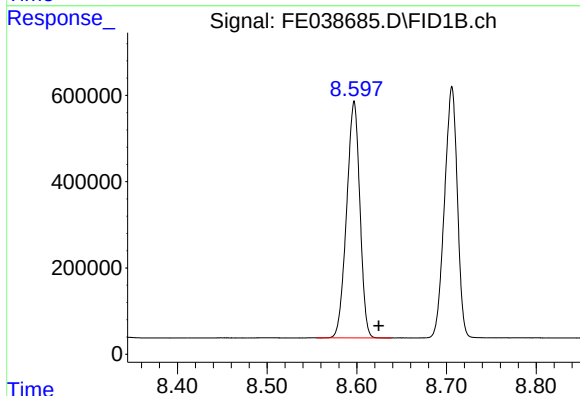
ClientSampleId :

PB148923BSD

Manual Integrations

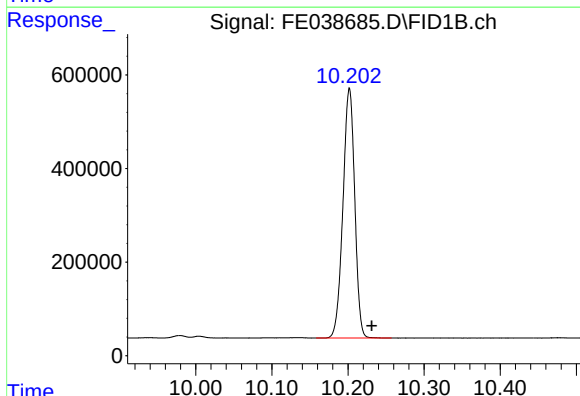
APPROVED

Reviewed By :Yogesh Patel 11/10/2022  
Supervised By :Ankita Jodhani 11/10/2022



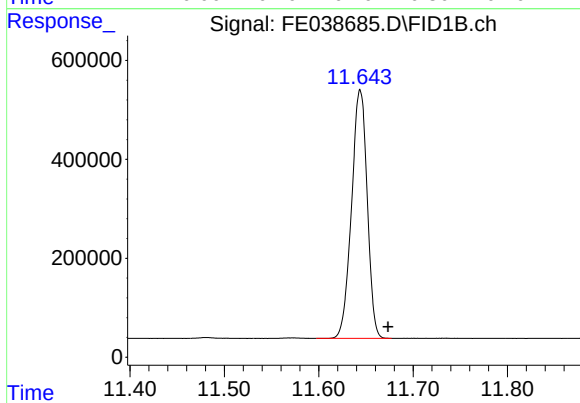
#6 n-Tetradecane (C14)

R.T.: 8.597 min  
Delta R.T.: -0.027 min  
Response: 5630130  
Conc: 36.00 ug/ml



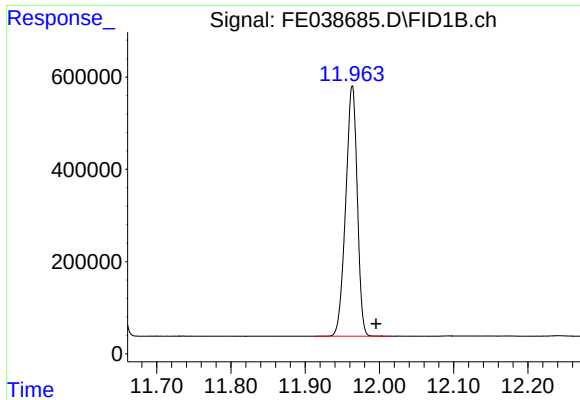
#7 n-Hexadecane (C16)

R.T.: 10.202 min  
Delta R.T.: -0.029 min  
Response: 5745562  
Conc: 36.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min  
Delta R.T.: -0.029 min  
Response: 5790566  
Conc: 36.15 ug/ml



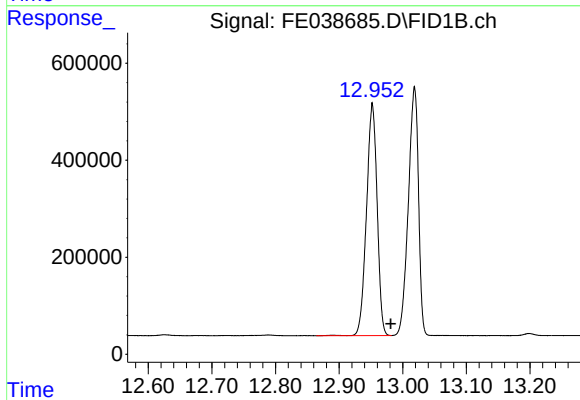
#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min  
Delta R.T.: -0.032 min  
Response: 5880202  
Conc: 34.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB148923BSD

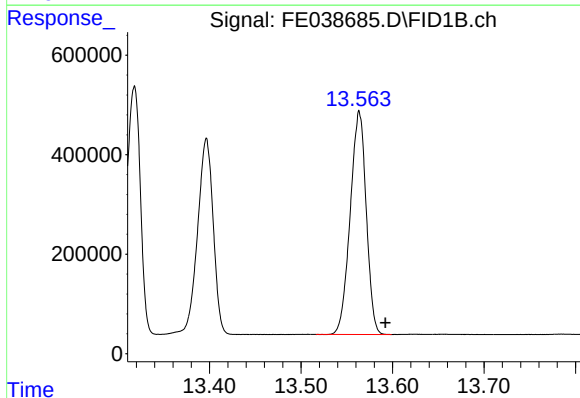
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/10/2022  
Supervised By :Ankita Jodhani 11/10/2022



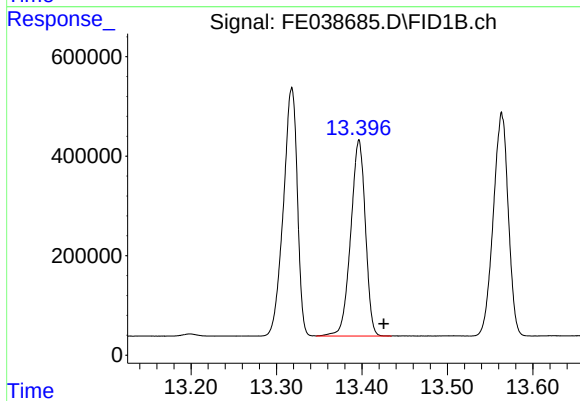
#10 n-Eicosane (C20)

R.T.: 12.952 min  
Delta R.T.: -0.029 min  
Response: 5559819  
Conc: 34.51 ug/ml



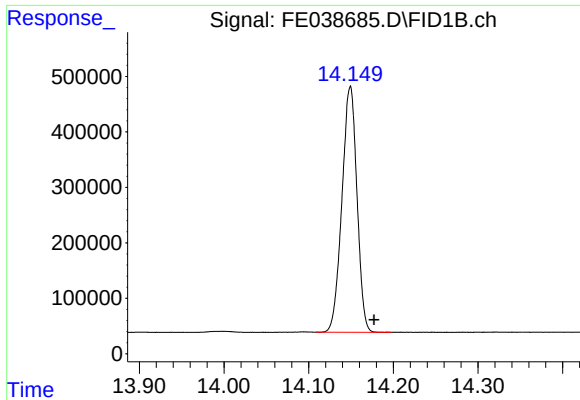
#11 n-Heneicosane (C21)

R.T.: 13.564 min  
Delta R.T.: -0.028 min  
Response: 5461984  
Conc: 33.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min  
Delta R.T.: -0.029 min  
Response: 4695434  
Conc: 34.30 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min  
Delta R.T.: -0.028 min  
Response: 5466646  
Conc: 33.86 ug/ml

Instrument :

FID\_E

ClientSampleId :

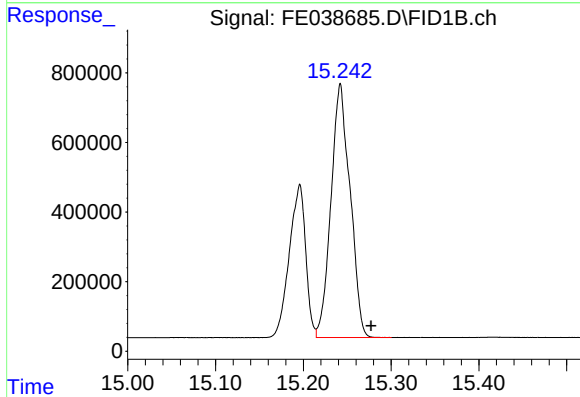
PB148923BSD

Manual Integrations

APPROVED

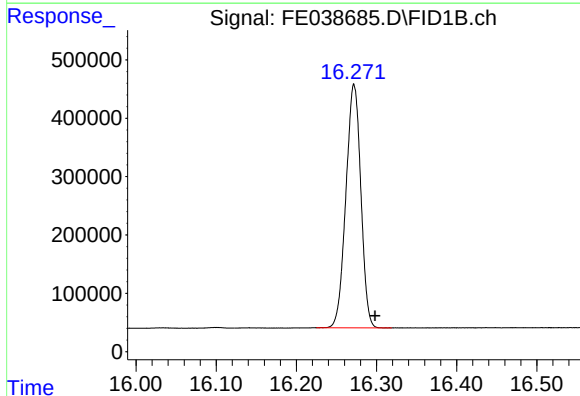
Reviewed By :Yogesh Patel 11/10/2022

Supervised By :Ankita Jodhani 11/10/2022



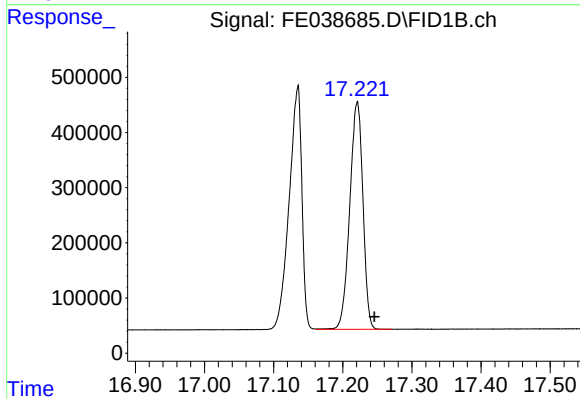
#14 n-Tetracosane (C24)

R.T.: 15.242 min  
Delta R.T.: -0.035 min  
Response: 11016758  
Conc: 68.68 ug/ml



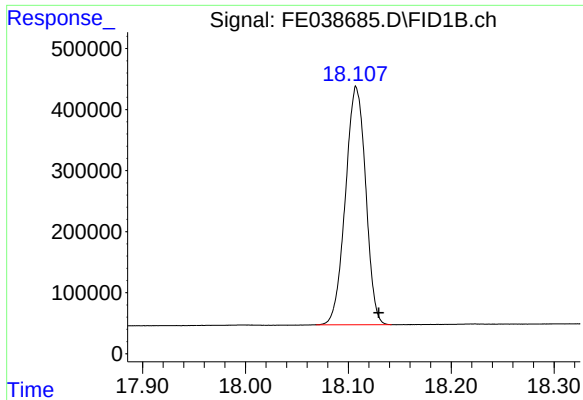
#15 n-Hexacosane (C26)

R.T.: 16.272 min  
Delta R.T.: -0.026 min  
Response: 5394074  
Conc: 33.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min  
Delta R.T.: -0.025 min  
Response: 5461573  
Conc: 34.81 ug/ml



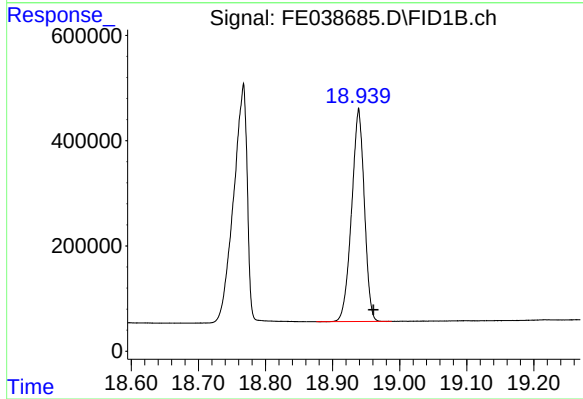
#17 n-Tricontane (C30)

R.T.: 18.107 min  
Delta R.T.: -0.023 min  
Response: 5334352  
Conc: 33.43 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB148923BSD

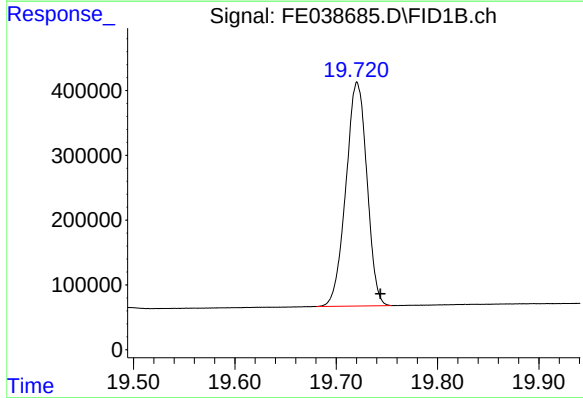
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/10/2022  
Supervised By :Ankita Jodhani 11/10/2022



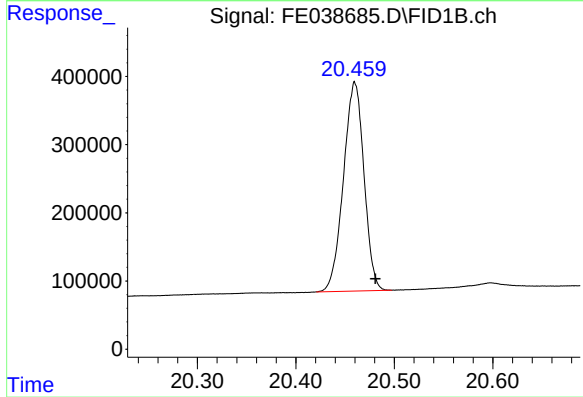
#18 n-Dotriacontane (C32)

R.T.: 18.939 min  
Delta R.T.: -0.022 min  
Response: 5325789  
Conc: 33.78 ug/ml



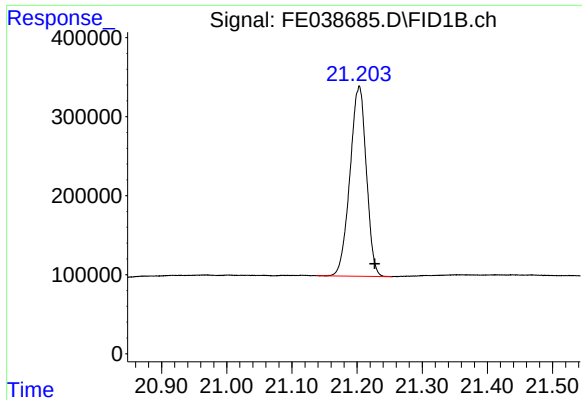
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min  
Delta R.T.: -0.023 min  
Response: 4983755  
Conc: 33.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min  
Delta R.T.: -0.021 min  
Response: 4436642  
Conc: 31.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min  
Delta R.T.: -0.024 min  
Response: 4197386  
Conc: 31.08 ug/ml

Instrument :

FID\_E

ClientSampleId :

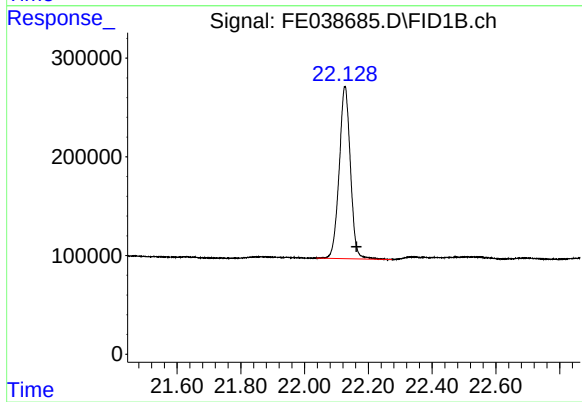
PB148923BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/10/2022

Supervised By :Ankita Jodhani 11/10/2022



#22 n-Tetracontane (C40)

R.T.: 22.127 min  
Delta R.T.: -0.035 min  
Response: 4251759  
Conc: 33.68 ug/ml