

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111722AL\  
 Data File : FE038816.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Nov 2022 18:44  
 Operator : YP\AJ  
 Sample : N5638-02MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 JC-3-111522-EPH-2MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e  
 Quant Time: Nov 18 04:41:58 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)    | 11.960 | 5052750    | 29.364 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.73%        |
| 12) S 1-chlorooctadecane (S... | 13.393 | 3742118    | 27.334 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 54.67%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.355  | 3879699    | 25.191 ug/ml  |
| 2) T n-Decane (C10)            | 4.605  | 4513871    | 29.080 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.306  | 5354742    | 31.619 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.766  | 5151955    | 32.980 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.401  | 5401843    | 32.233 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.593  | 5351459    | 34.219 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.199 | 5721541    | 36.215 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.641 | 5922706    | 36.975 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.950 | 5693419    | 35.335 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.561 | 5583689    | 34.567 ug/ml  |
| 13) T n-Docosane (C22)         | 14.147 | 5577105    | 34.546 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.240 | 10638542   | 66.326 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.272 | 5380554    | 33.875 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.220 | 5361172    | 34.171 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.108 | 5218466    | 32.706 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.940 | 5289518    | 33.548 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.722 | 5226725    | 35.454 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.462 | 5042503    | 35.291 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.204 | 5111981    | 37.849 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.130 | 5207842    | 41.257 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111722AL\  
Data File : FE038816.D  
Signal(s) : FID1B.ch  
Acq On : 17 Nov 2022 18:44  
Operator : YP\AJ  
Sample : N5638-02MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

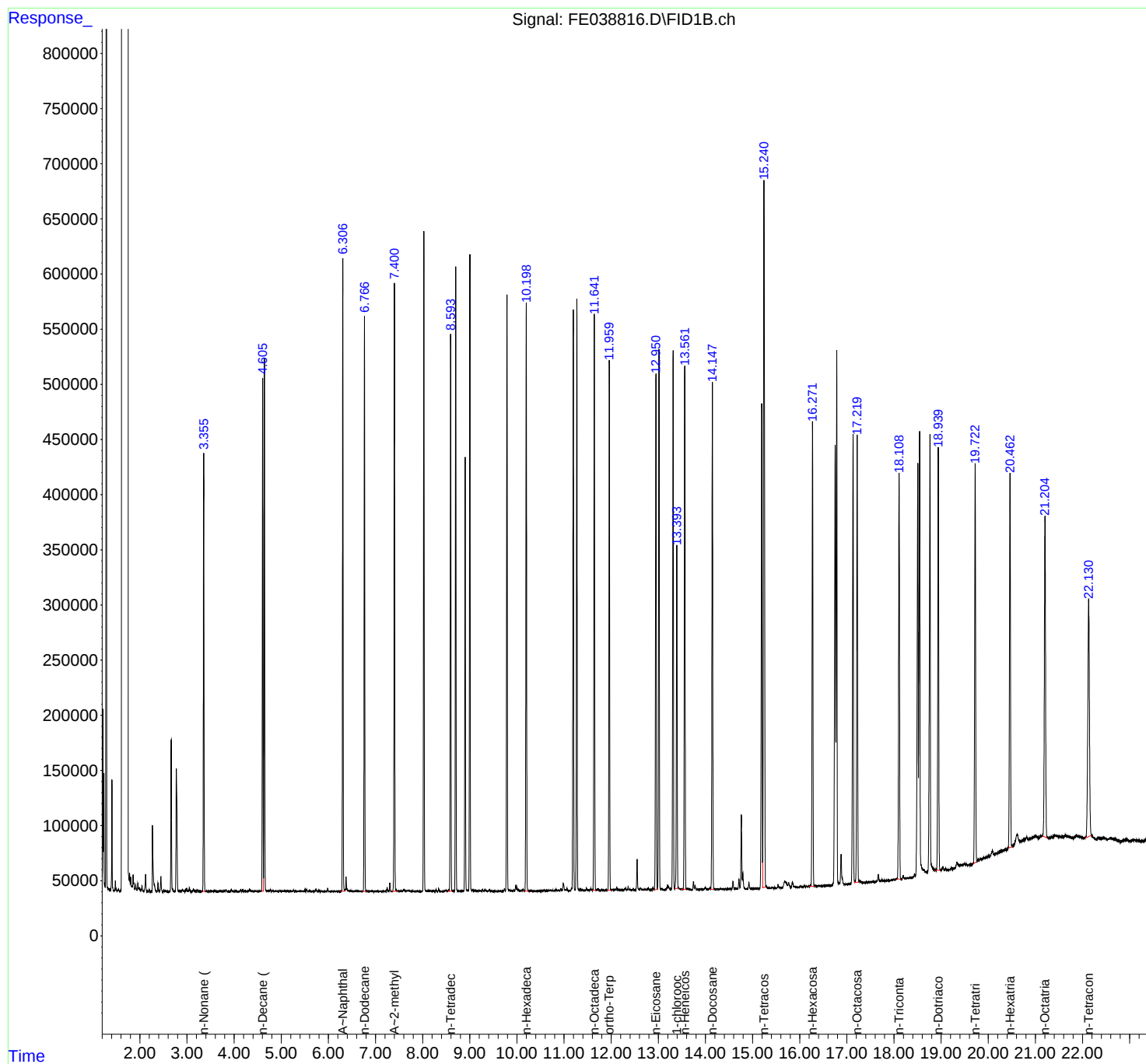
Instrument :  
FID\_E  
ClientSampleId :  
JC-3-111522-EPH-2MSD

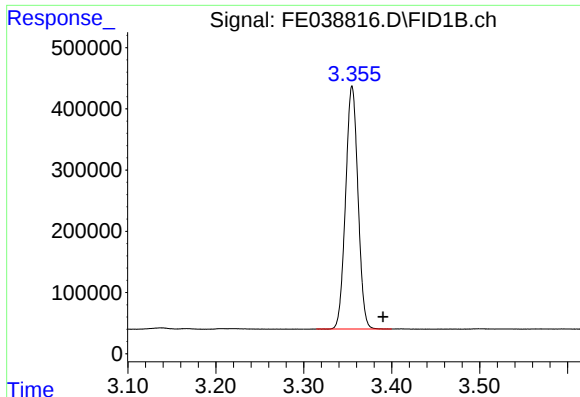
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e  
Quant Time: Nov 18 04:41:58 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





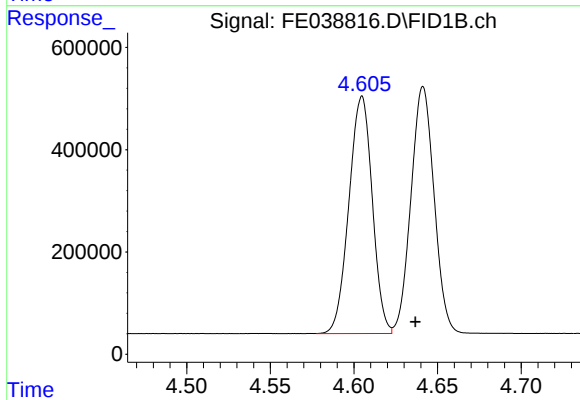
#1 n-Nonane (C9)

R.T.: 3.355 min  
Delta R.T.: -0.035 min  
Response: 3879699  
Conc: 25.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
JC-3-111522-EPH-2MSD

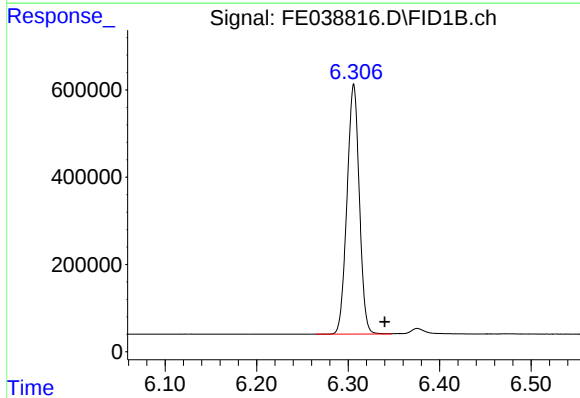
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
Supervised By :Ankita Jodhani 11/18/2022



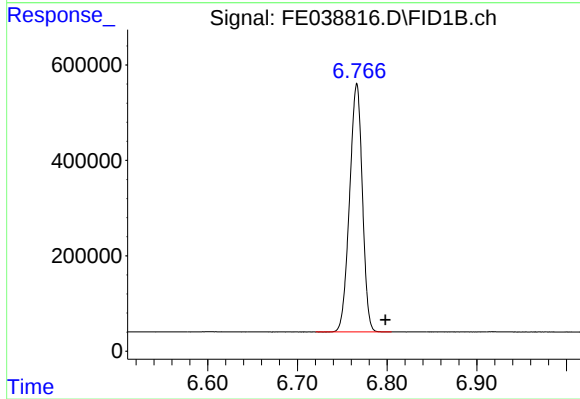
#2 n-Decane (C10)

R.T.: 4.605 min  
Delta R.T.: -0.032 min  
Response: 4513871  
Conc: 29.08 ug/ml m



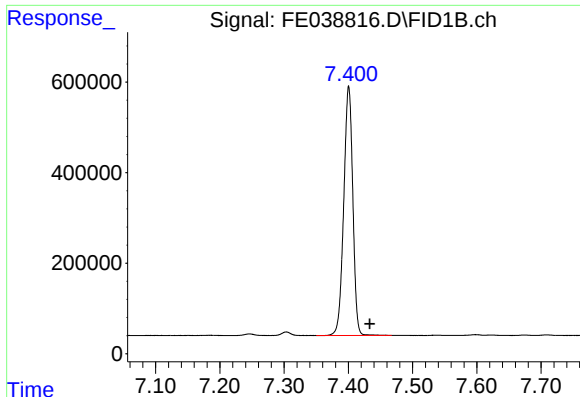
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min  
Delta R.T.: -0.034 min  
Response: 5354742  
Conc: 31.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min  
Delta R.T.: -0.032 min  
Response: 5151955  
Conc: 32.98 ug/ml



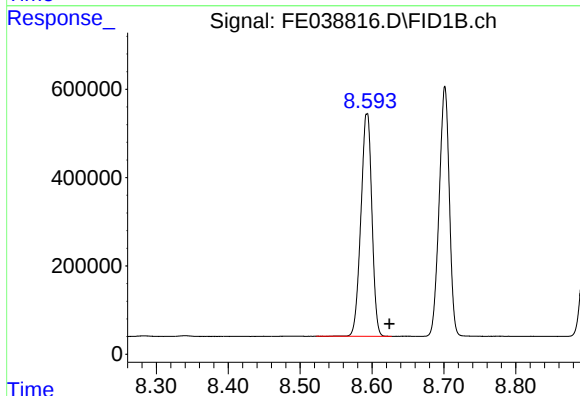
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.401 min  
Delta R.T.: -0.033 min  
Response: 5401843  
Conc: 32.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
JC-3-111522-EPH-2MSD

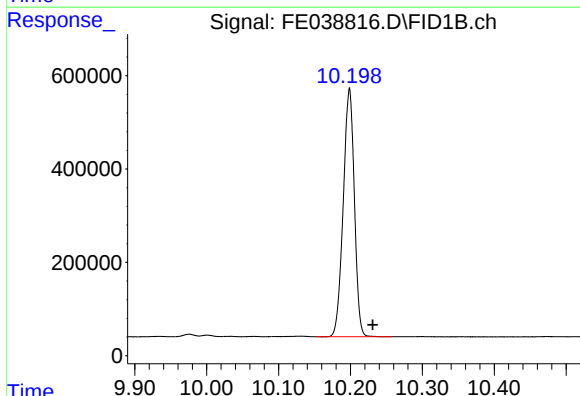
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
Supervised By :Ankita Jodhani 11/18/2022



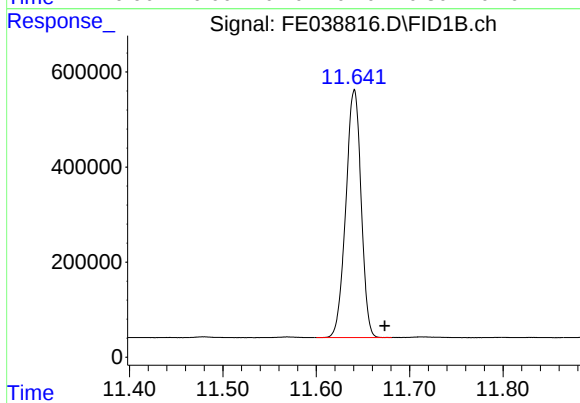
#6 n-Tetradecane (C14)

R.T.: 8.593 min  
Delta R.T.: -0.031 min  
Response: 5351459  
Conc: 34.22 ug/ml



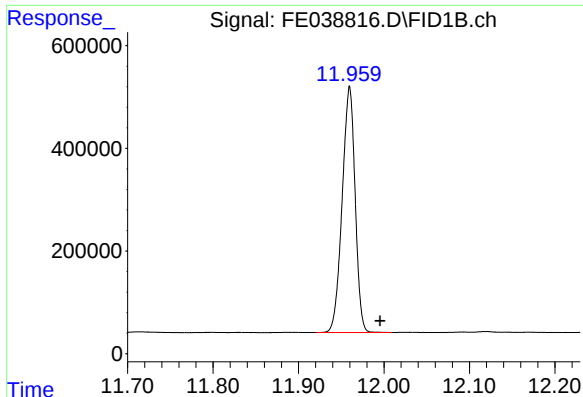
#7 n-Hexadecane (C16)

R.T.: 10.199 min  
Delta R.T.: -0.032 min  
Response: 5721541  
Conc: 36.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.641 min  
Delta R.T.: -0.033 min  
Response: 5922706  
Conc: 36.98 ug/ml



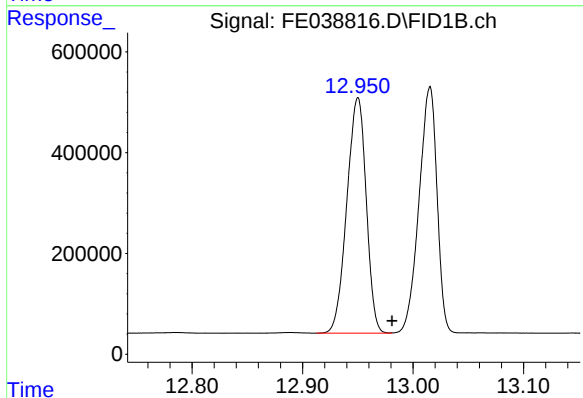
#9 ortho-Terphenyl (SURR)

R.T.: 11.960 min  
Delta R.T.: -0.036 min  
Response: 5052750  
Conc: 29.36 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
JC-3-111522-EPH-2MSD

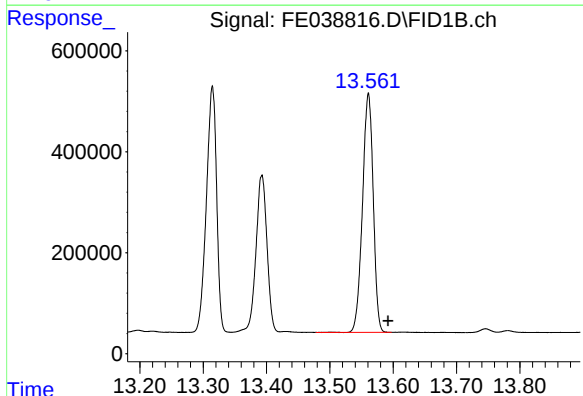
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
Supervised By :Ankita Jodhani 11/18/2022



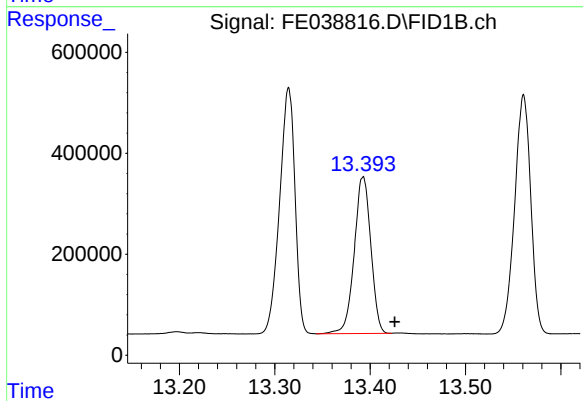
#10 n-Eicosane (C20)

R.T.: 12.950 min  
Delta R.T.: -0.031 min  
Response: 5693419  
Conc: 35.33 ug/ml



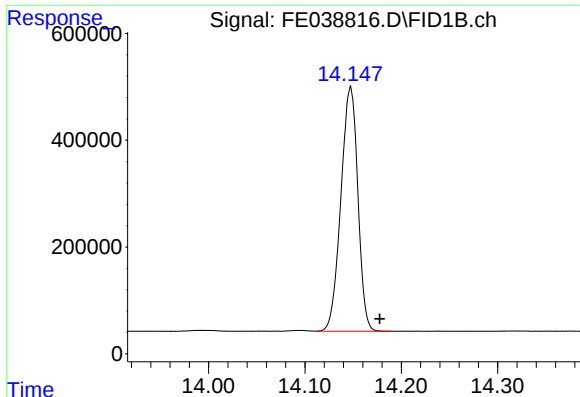
#11 n-Heneicosane (C21)

R.T.: 13.561 min  
Delta R.T.: -0.031 min  
Response: 5583689  
Conc: 34.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min  
Delta R.T.: -0.033 min  
Response: 3742118  
Conc: 27.33 ug/ml



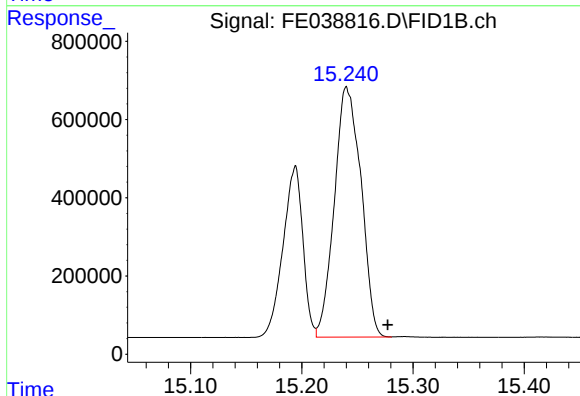
#13 n-Docosane (C22)

R.T.: 14.147 min  
Delta R.T.: -0.030 min  
Response: 5577105  
Conc: 34.55 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
JC-3-111522-EPH-2MSD

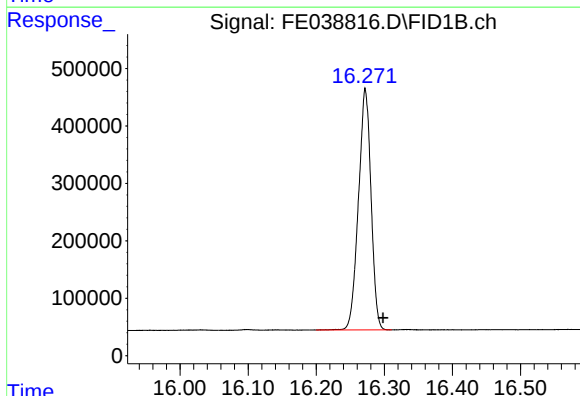
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
Supervised By :Ankita Jodhani 11/18/2022



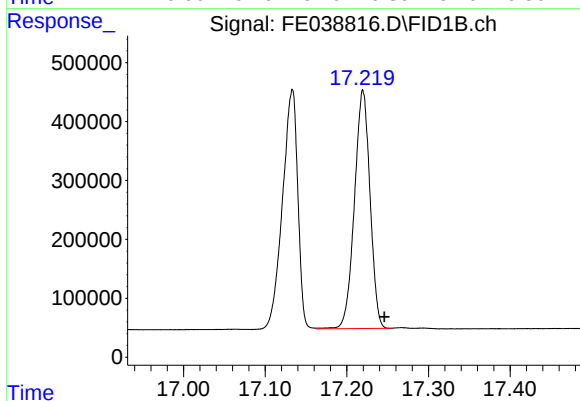
#14 n-Tetracosane (C24)

R.T.: 15.240 min  
Delta R.T.: -0.037 min  
Response: 10638542  
Conc: 66.33 ug/ml



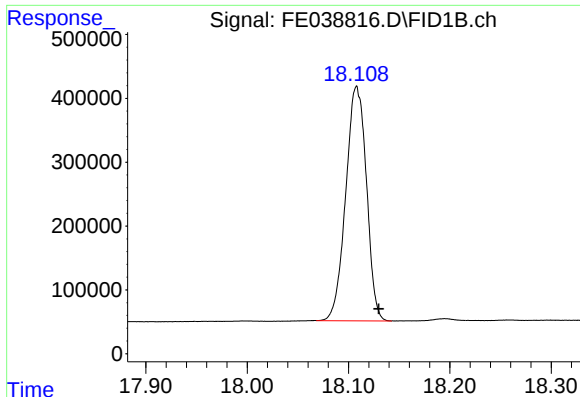
#15 n-Hexacosane (C26)

R.T.: 16.272 min  
Delta R.T.: -0.026 min  
Response: 5380554  
Conc: 33.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min  
Delta R.T.: -0.026 min  
Response: 5361172  
Conc: 34.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.108 min  
Delta R.T.: -0.022 min  
Response: 5218466  
Conc: 32.71 ug/ml

Instrument :

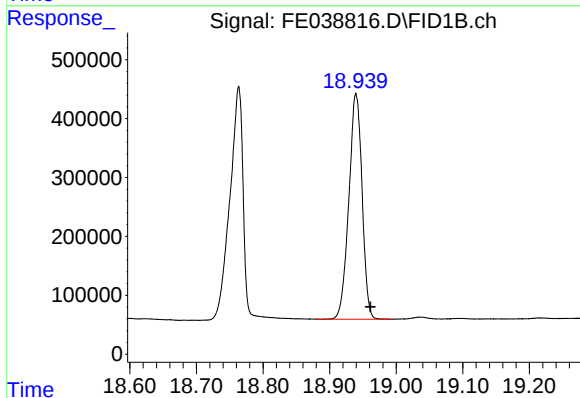
FID\_E

ClientSampleId :

JC-3-111522-EPH-2MSD

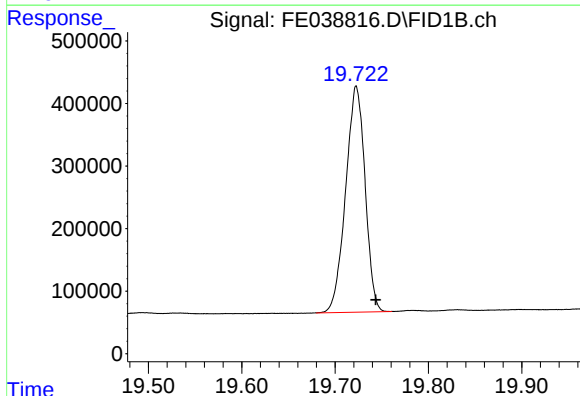
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
Supervised By :Ankita Jodhani 11/18/2022



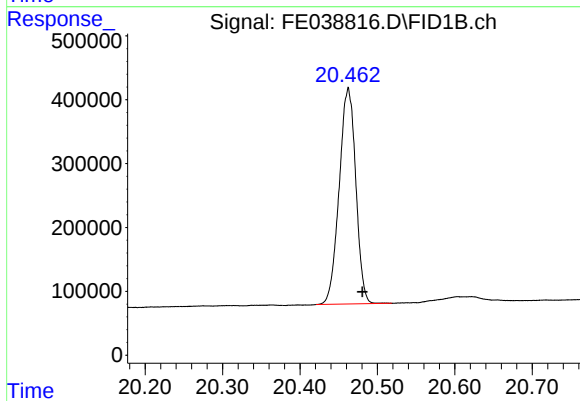
#18 n-Dotriacontane (C32)

R.T.: 18.940 min  
Delta R.T.: -0.022 min  
Response: 5289518  
Conc: 33.55 ug/ml



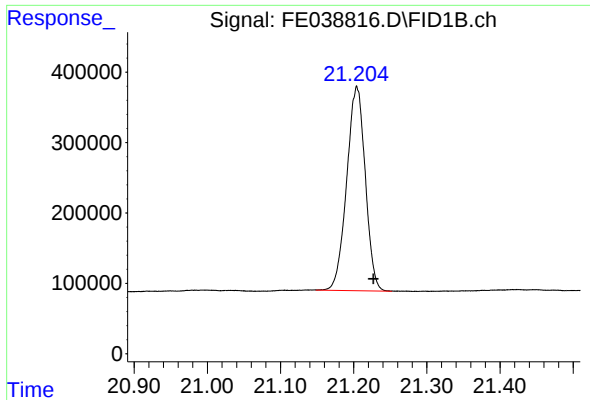
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min  
Delta R.T.: -0.021 min  
Response: 5226725  
Conc: 35.45 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min  
Delta R.T.: -0.018 min  
Response: 5042503  
Conc: 35.29 ug/ml



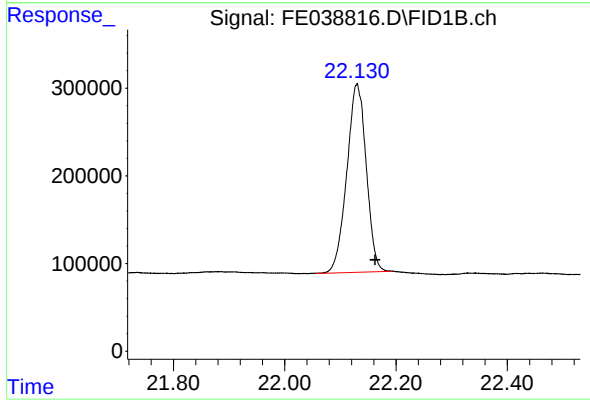
#21 n-Octatriacontane (C38)

R.T.: 21.204 min  
Delta R.T.: -0.023 min  
Response: 5111981  
Conc: 37.85 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
JC-3-111522-EPH-2MSD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/18/2022  
Supervised By :Ankita Jodhani 11/18/2022



#22 n-Tetracontane (C40)

R.T.: 22.130 min  
Delta R.T.: -0.032 min  
Response: 5207842  
Conc: 41.26 ug/ml m