

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092724AL\  
 Data File : FE050416.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Sep 2024 17:20  
 Operator : YP\AJ  
 Sample : P4212-03MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TEST-PIT-SOUTHMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e  
 Quant Time: Sep 28 00:17:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 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)    | 11.866 | 3503281    | 23.547 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.09%        |
| 12) S 1-chlorooctadecane (S... | 13.300 | 3260959    | 29.031 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.06%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.257  | 5019023    | 37.028 ug/ml  |
| 2) T n-Decane (C10)            | 4.508  | 5605721    | 40.618 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.215  | 6030287    | 43.083 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.673  | 5826915    | 42.137 ug/mlm |
| 5) T A~2-methylnaphthalene...  | 7.310  | 5483054    | 41.716 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.502  | 6342692    | 46.579 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.107 | 6846270    | 49.288 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.548 | 7139230    | 50.957 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.857 | 7268514    | 54.184 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.468 | 7073713    | 53.835 ug/ml  |
| 13) T n-Docosane (C22)         | 14.054 | 7037717    | 54.046 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.154 | 13838990   | 105.972 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.177 | 6813562    | 53.256 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.124 | 8242521    | 63.990 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.011 | 7195649    | 53.811 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.843 | 7290135    | 54.708 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.624 | 7391066    | 59.817 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.364 | 7328068    | 66.048 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.089 | 7410059    | 67.193 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.976 | 6825774    | 62.728 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092724AL\  
Data File : FE050416.D  
Signal(s) : FID1B.ch  
Acq On : 27 Sep 2024 17:20  
Operator : YP\AJ  
Sample : P4212-03MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

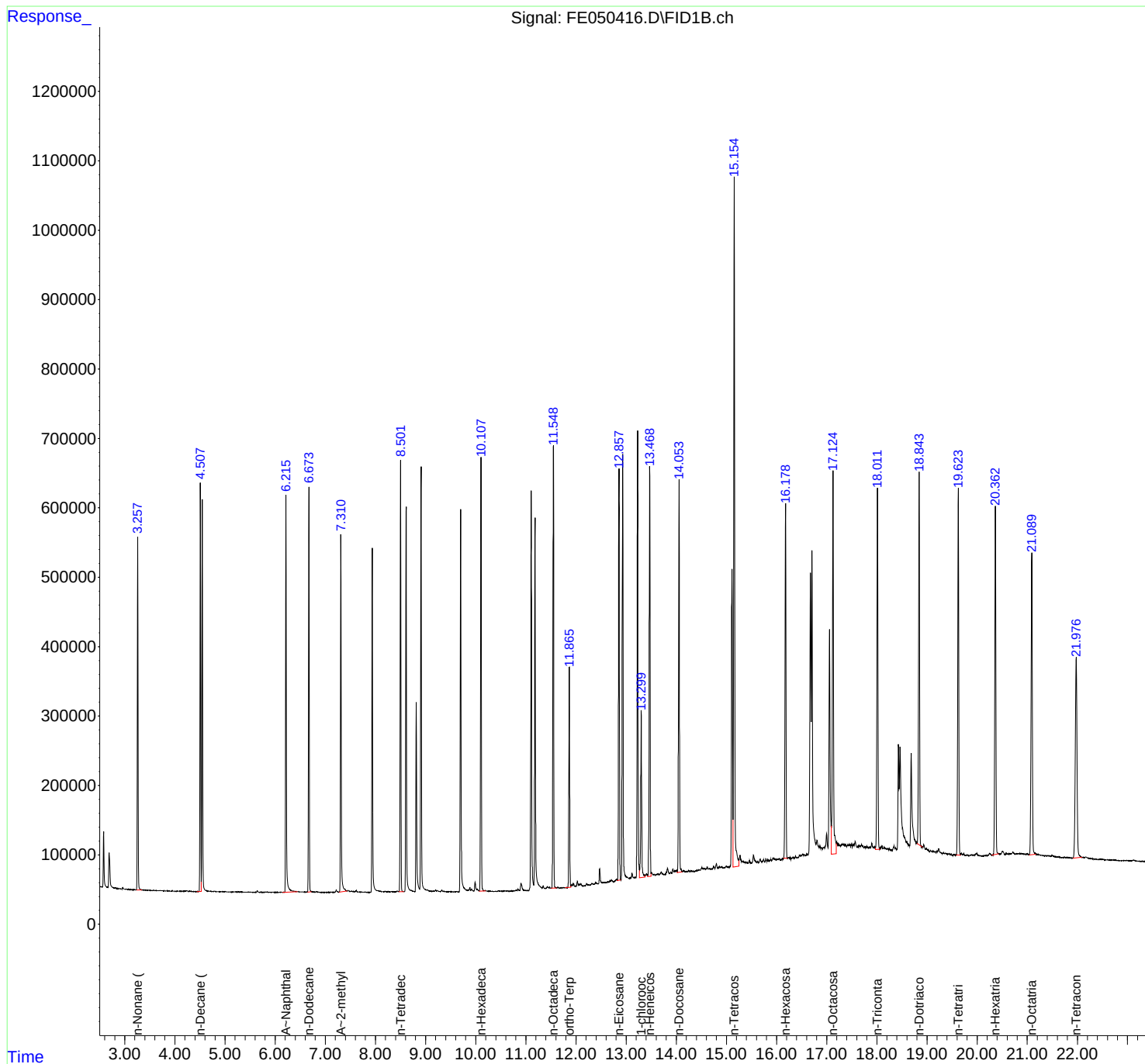
Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMS

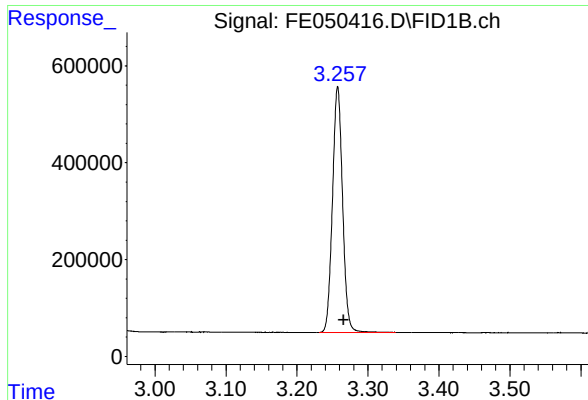
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e  
Quant Time: Sep 28 00:17:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 17:11:47 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





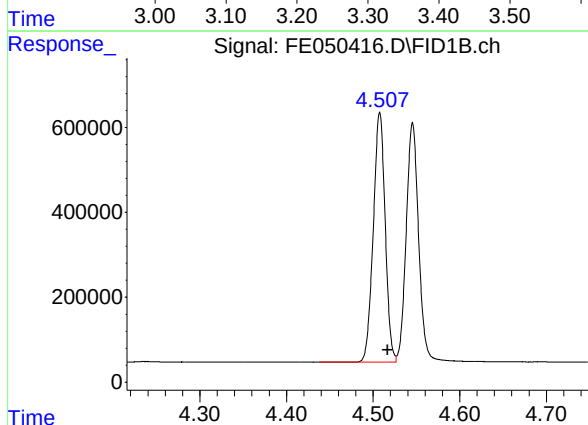
#1 n-Nonane (C9)

R.T.: 3.257 min  
Delta R.T.: -0.009 min  
Response: 5019023  
Conc: 37.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMS

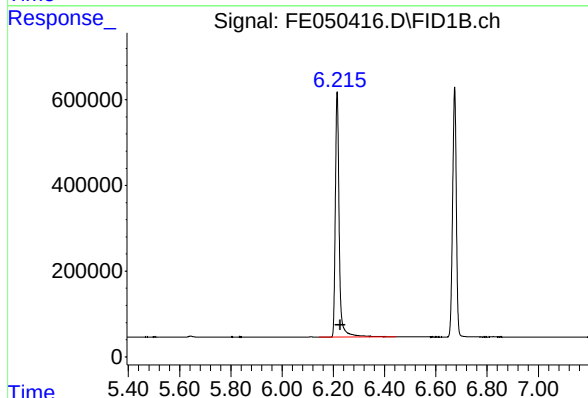
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
Supervised By :Ankita Jodhani 09/30/2024



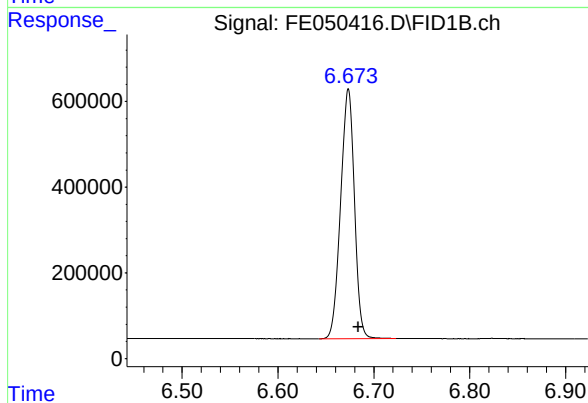
#2 n-Decane (C10)

R.T.: 4.508 min  
Delta R.T.: -0.009 min  
Response: 5605721  
Conc: 40.62 ug/ml



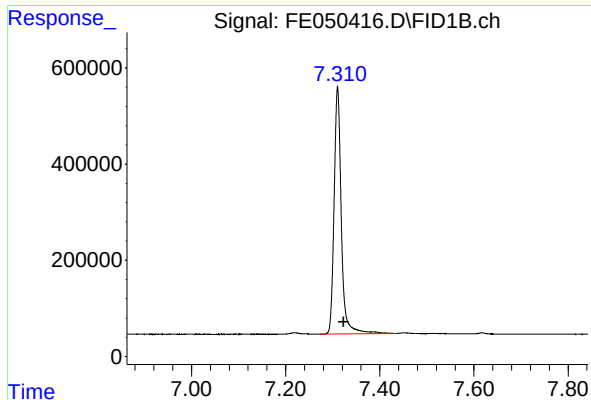
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min  
Delta R.T.: -0.012 min  
Response: 6030287  
Conc: 43.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min  
Delta R.T.: -0.011 min  
Response: 5826915  
Conc: 42.14 ug/ml m



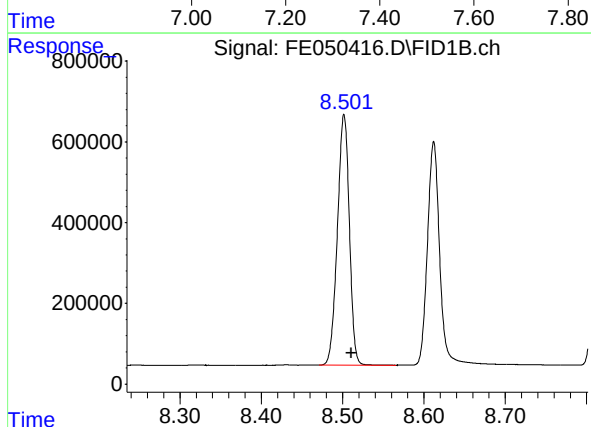
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.310 min  
Delta R.T.: -0.013 min  
Response: 5483054  
Conc: 41.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMS

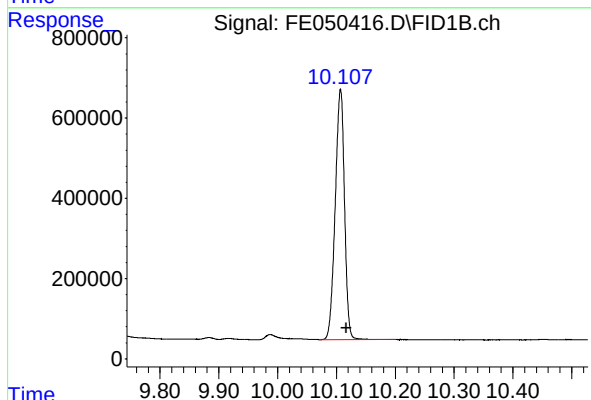
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
Supervised By :Ankita Jodhani 09/30/2024



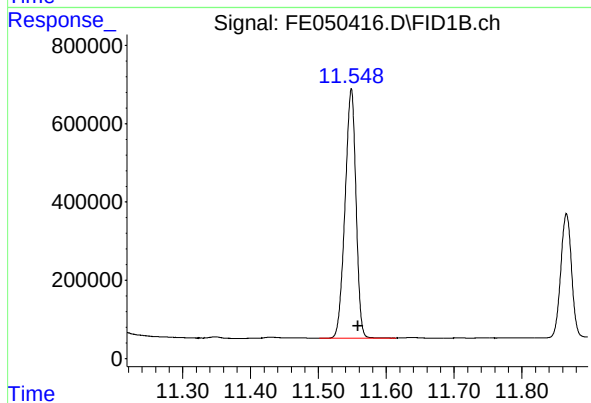
#6 n-Tetradecane (C14)

R.T.: 8.502 min  
Delta R.T.: -0.009 min  
Response: 6342692  
Conc: 46.58 ug/ml



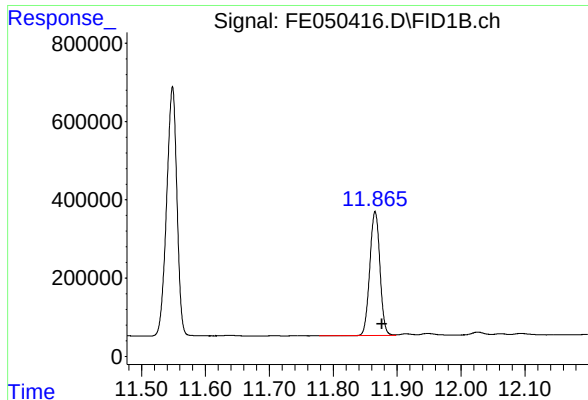
#7 n-Hexadecane (C16)

R.T.: 10.107 min  
Delta R.T.: -0.010 min  
Response: 6846270  
Conc: 49.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min  
Delta R.T.: -0.010 min  
Response: 7139230  
Conc: 50.96 ug/ml



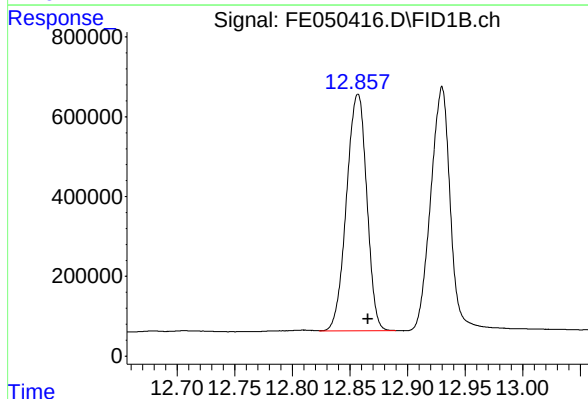
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min  
Delta R.T.: -0.011 min  
Response: 3503281  
Conc: 23.55 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMS

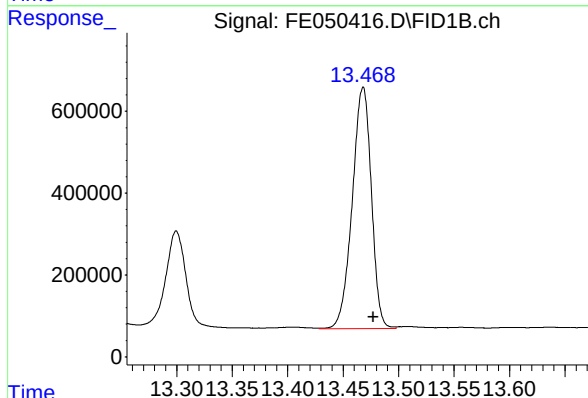
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
Supervised By :Ankita Jodhani 09/30/2024



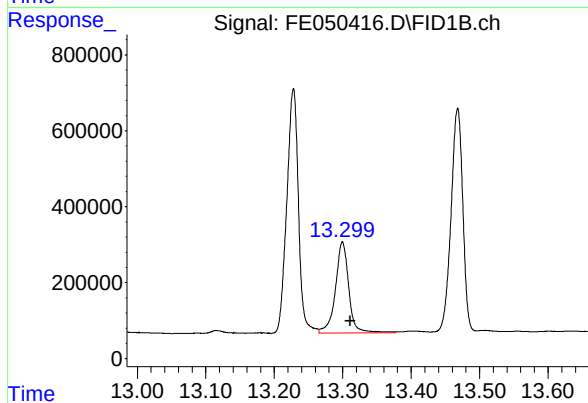
#10 n-Eicosane (C20)

R.T.: 12.857 min  
Delta R.T.: -0.009 min  
Response: 7268514  
Conc: 54.18 ug/ml m



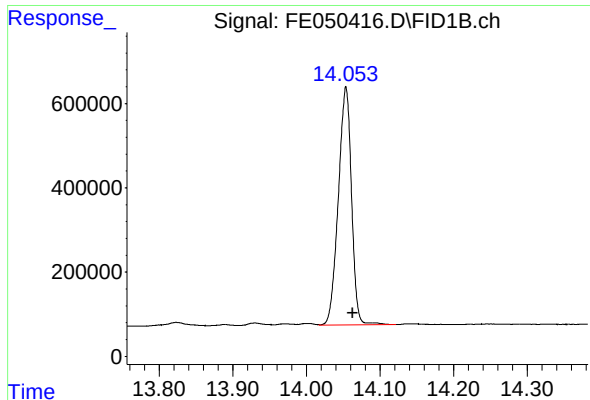
#11 n-Heneicosane (C21)

R.T.: 13.468 min  
Delta R.T.: -0.009 min  
Response: 7073713  
Conc: 53.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min  
Delta R.T.: -0.012 min  
Response: 3260959  
Conc: 29.03 ug/ml



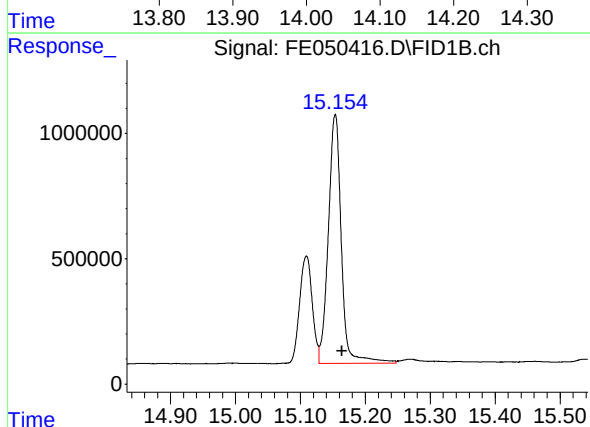
#13 n-Docosane (C22)

R.T.: 14.054 min  
Delta R.T.: -0.009 min  
Response: 7037717  
Conc: 54.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMS

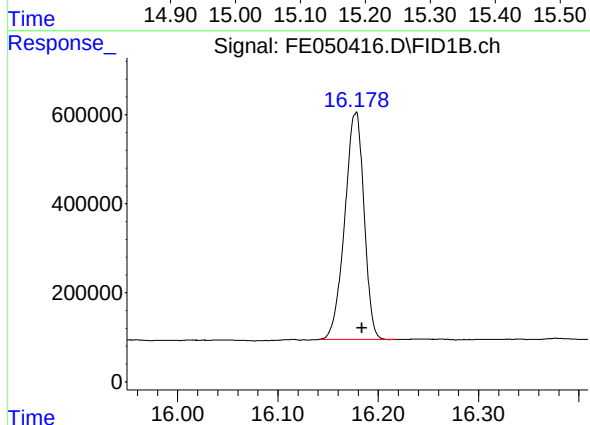
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
Supervised By :Ankita Jodhani 09/30/2024



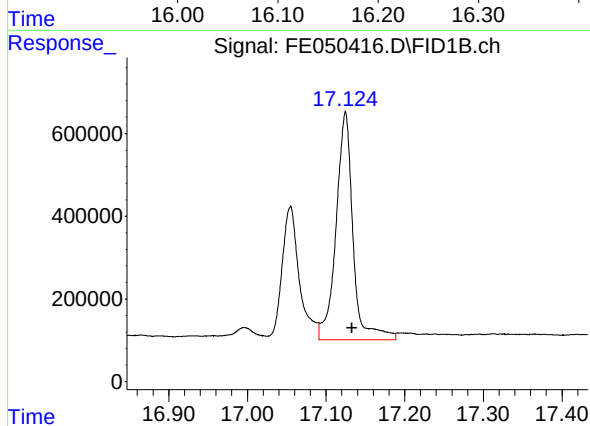
#14 n-Tetracosane (C24)

R.T.: 15.154 min  
Delta R.T.: -0.011 min  
Response: 13838990  
Conc: 105.97 ug/ml



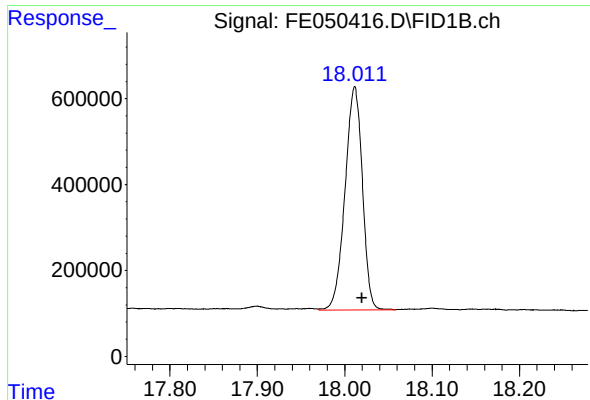
#15 n-Hexacosane (C26)

R.T.: 16.177 min  
Delta R.T.: -0.006 min  
Response: 6813562  
Conc: 53.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min  
Delta R.T.: -0.009 min  
Response: 8242521  
Conc: 63.99 ug/ml



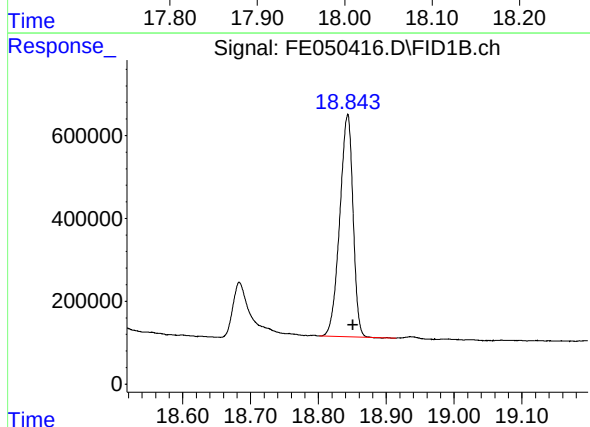
#17 n-Tricontane (C30)

R.T.: 18.011 min  
Delta R.T.: -0.009 min  
Response: 7195649  
Conc: 53.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMS

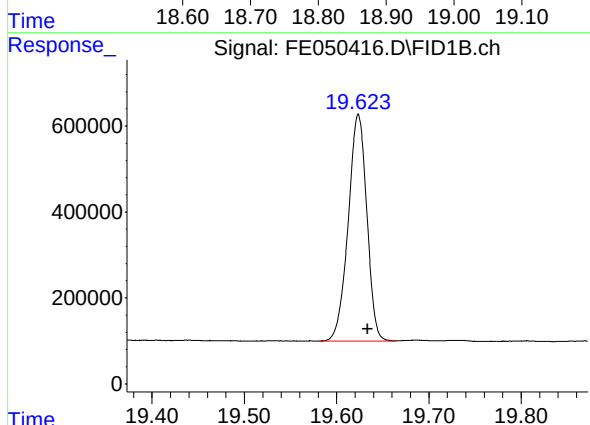
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
Supervised By :Ankita Jodhani 09/30/2024



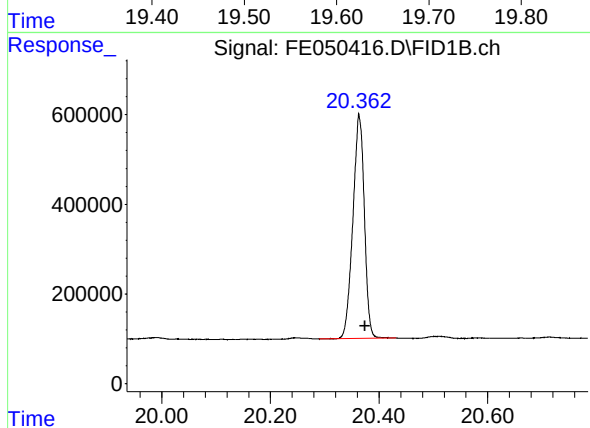
#18 n-Dotriacontane (C32)

R.T.: 18.843 min  
Delta R.T.: -0.008 min  
Response: 7290135  
Conc: 54.71 ug/ml



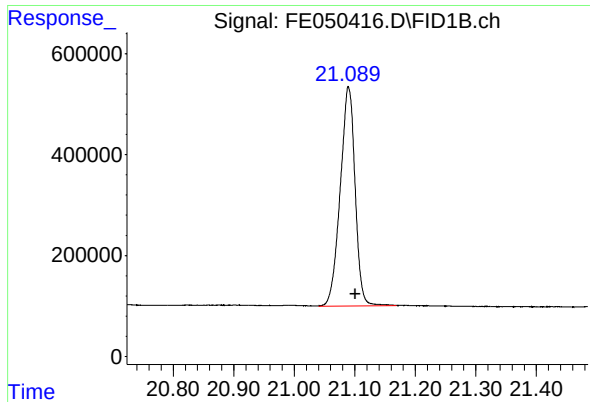
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min  
Delta R.T.: -0.010 min  
Response: 7391066  
Conc: 59.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min  
Delta R.T.: -0.010 min  
Response: 7328068  
Conc: 66.05 ug/ml



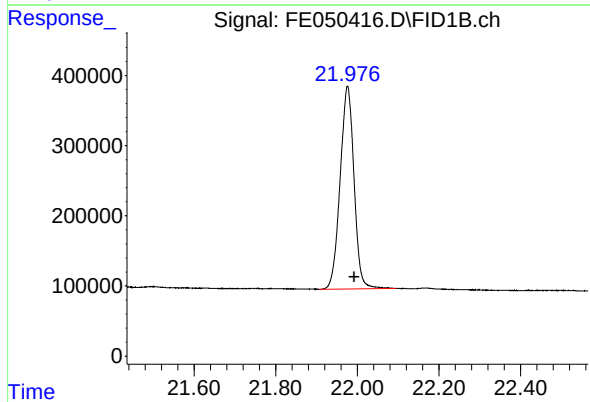
#21 n-Octatriacontane (C38)

R.T.: 21.089 min  
Delta R.T.: -0.012 min  
Response: 7410059  
Conc: 67.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
Supervised By :Ankita Jodhani 09/30/2024



#22 n-Tetracontane (C40)

R.T.: 21.976 min  
Delta R.T.: -0.016 min  
Response: 6825774  
Conc: 62.73 ug/ml m