

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100824AL\  
 Data File : FE050538.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Oct 2024 15:37  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
 Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e  
 Quant Time: Oct 07 16:03:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:03:08 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)    | 11.864 | 1598249    | 10.299 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 20.60%        |
| 12) S 1-chlorooctadecane (S... | 13.298 | 1184740    | 10.114 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 20.23%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.253  | 1429353    | 10.287 ug/ml  |
| 2) T n-Decane (C10)            | 4.503  | 1451977    | 10.277 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.215  | 1409508    | 9.818 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.670  | 1456013    | 10.262 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.311  | 1303112    | 9.695 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.497  | 1444120    | 10.251 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.103 | 1486117    | 10.224 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.544 | 1509351    | 10.256 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.852 | 1447741    | 10.270 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.463 | 1422566    | 10.297 ug/ml  |
| 13) T n-Docosane (C22)         | 14.049 | 1407717    | 10.232 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.149 | 1417214    | 10.250 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.170 | 1413994    | 10.260 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.118 | 1469893    | 10.435 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.006 | 1614246    | 10.693 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.837 | 1666044    | 10.943 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.621 | 1525013    | 10.961 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.359 | 1301715    | 10.698 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.086 | 1173667    | 10.191 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.971 | 1141383    | 10.327 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100824AL\  
Data File : FE050538.D  
Signal(s) : FID1B.ch  
Acq On : 07 Oct 2024 15:37  
Operator : YP\AJ  
Sample : 10 PPM ALIPHATIC HC STD4  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

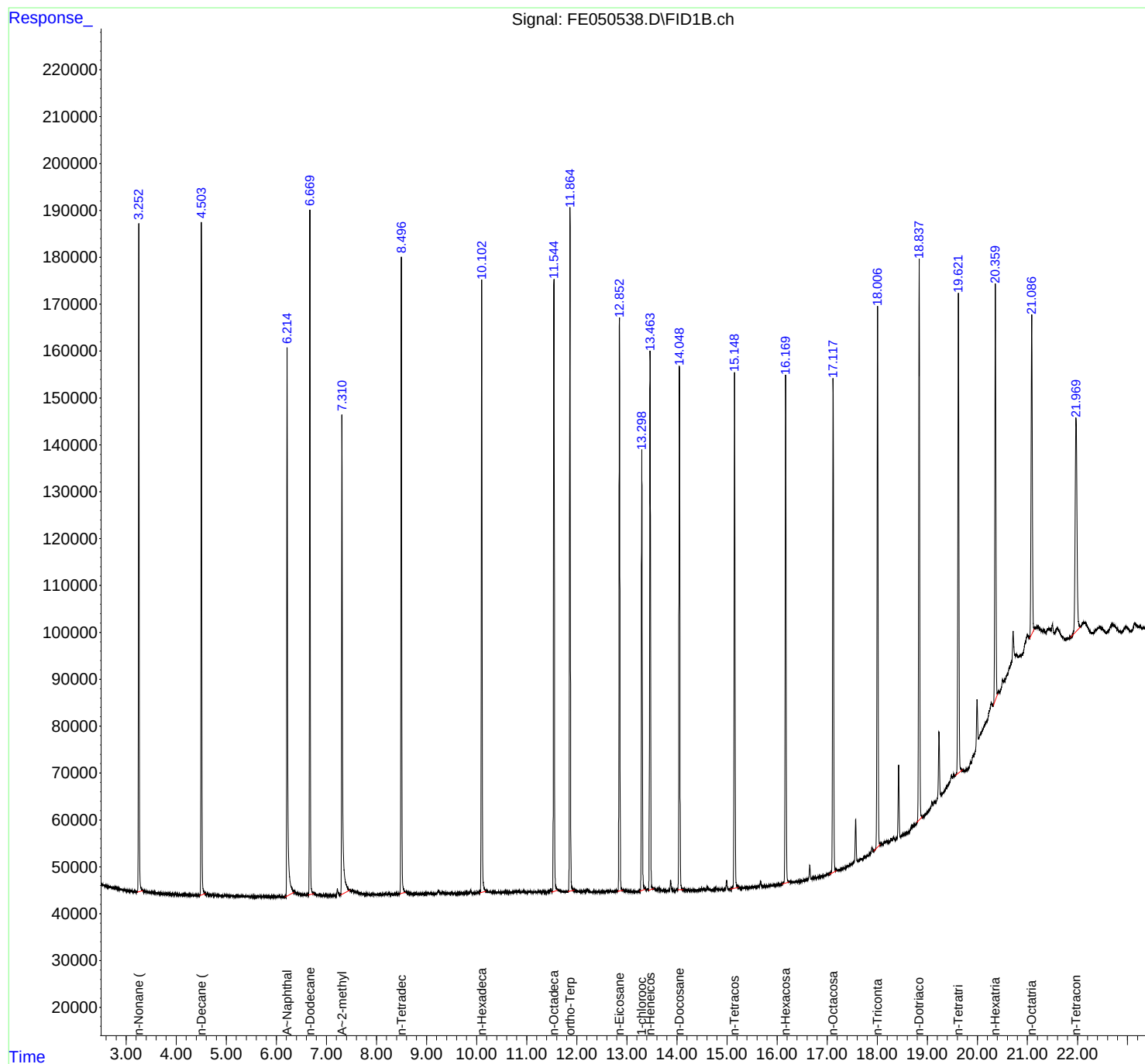
Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

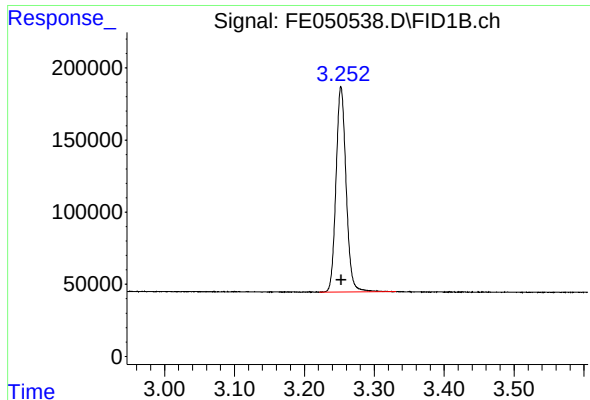
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e  
Quant Time: Oct 07 16:03:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.  
Quant Title : GC Extractables  
QLast Update : Mon Oct 07 16:03:08 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





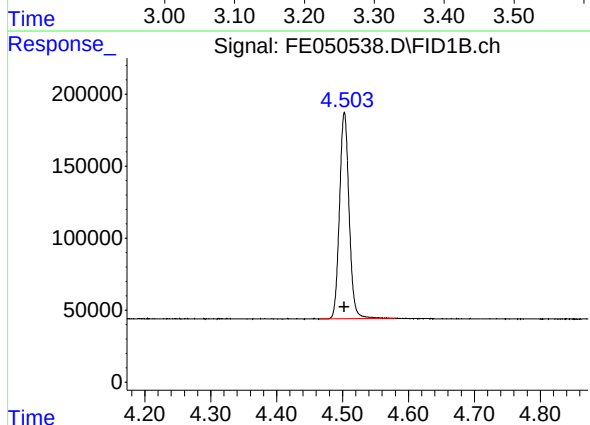
#1 n-Nonane (C9)

R.T.: 3.253 min  
Delta R.T.: 0.000 min  
Response: 1429353  
Conc: 10.29 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

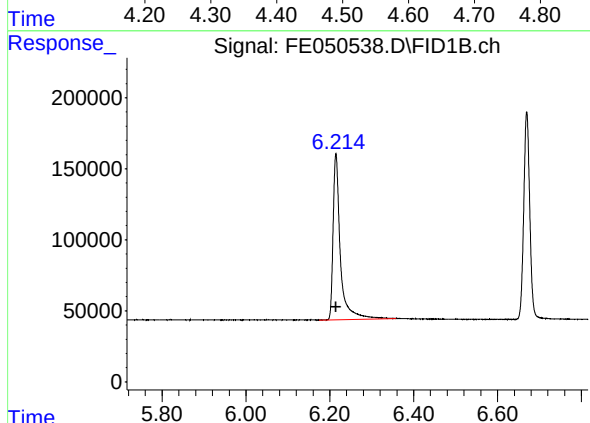
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :Ankita Jodhani 10/08/2024



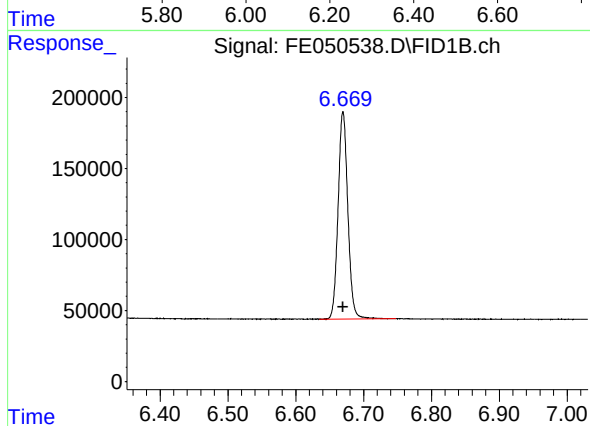
#2 n-Decane (C10)

R.T.: 4.503 min  
Delta R.T.: 0.000 min  
Response: 1451977  
Conc: 10.28 ug/ml



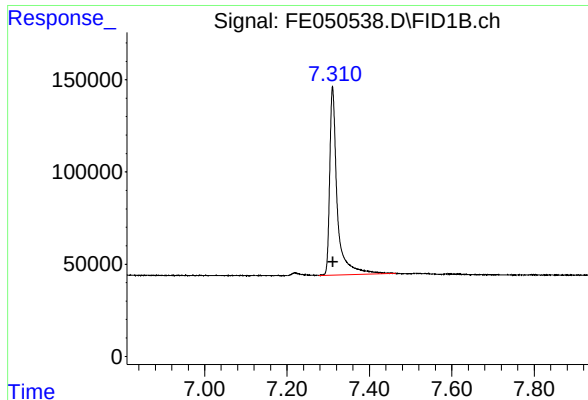
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min  
Delta R.T.: 0.000 min  
Response: 1409508  
Conc: 9.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min  
Delta R.T.: 0.000 min  
Response: 1456013  
Conc: 10.26 ug/ml



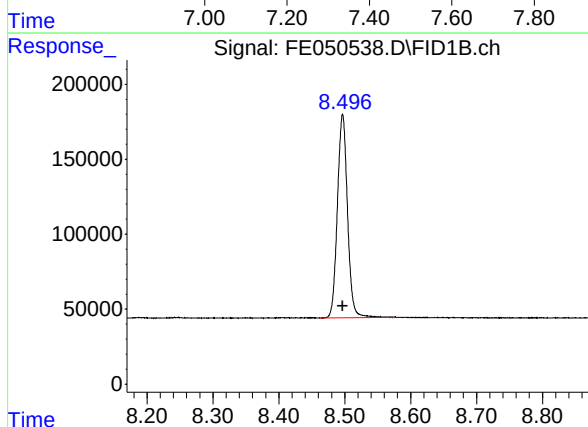
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min  
Delta R.T.: 0.000 min  
Response: 1303112  
Conc: 9.70 ug/ml

Instrument : FID\_E  
ClientSampleId : 10 PPM ALIPHATIC HC STD4

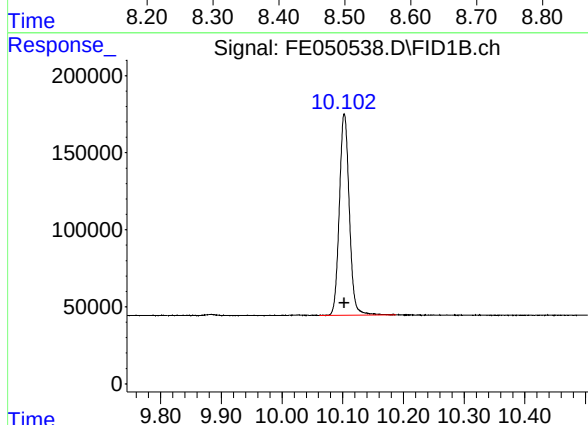
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :Ankita Jodhani 10/08/2024



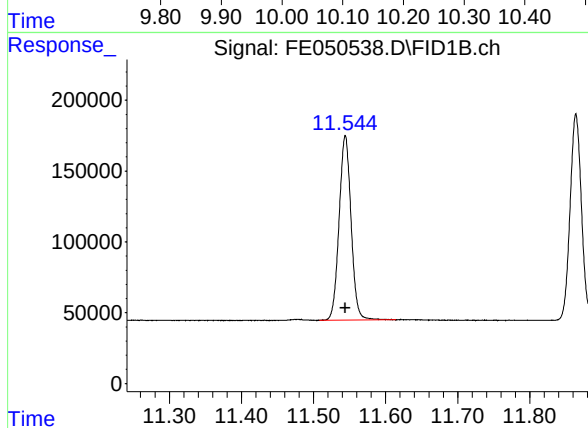
#6 n-Tetradecane (C14)

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 1444120  
Conc: 10.25 ug/ml



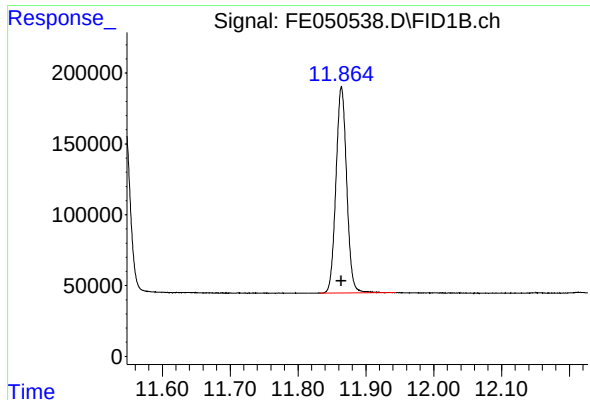
#7 n-Hexadecane (C16)

R.T.: 10.103 min  
Delta R.T.: 0.000 min  
Response: 1486117  
Conc: 10.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min  
Delta R.T.: 0.000 min  
Response: 1509351  
Conc: 10.26 ug/ml



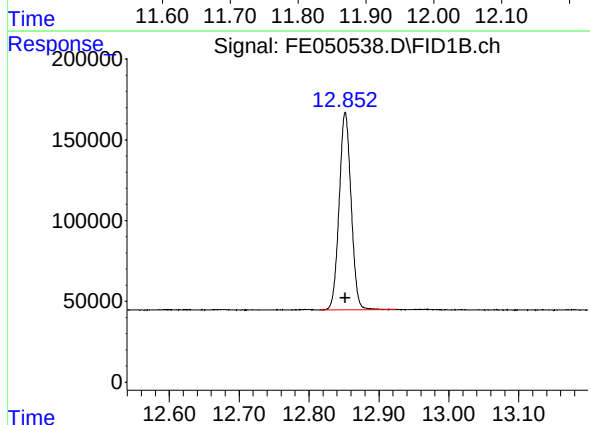
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min  
Delta R.T.: 0.000 min  
Response: 1598249  
Conc: 10.30 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

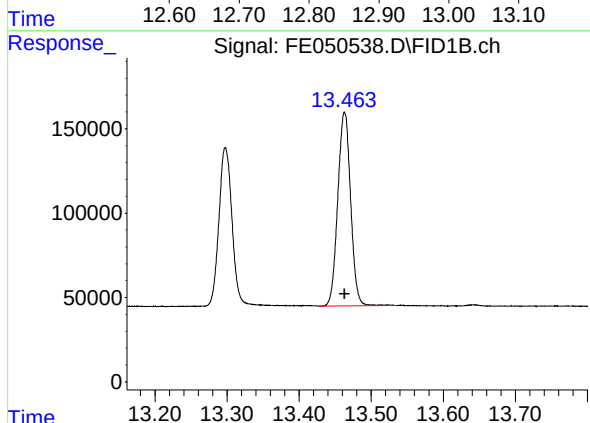
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :Ankita Jodhani 10/08/2024



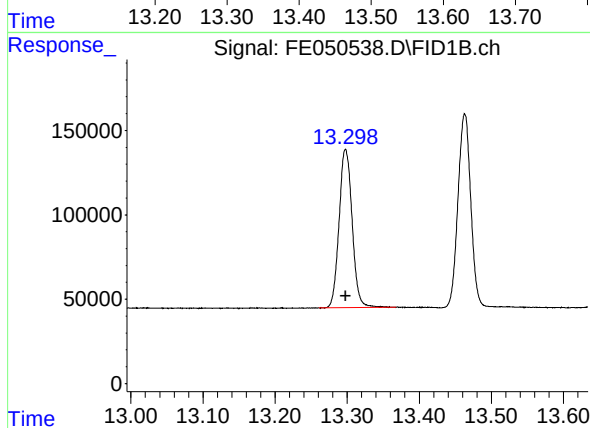
#10 n-Eicosane (C20)

R.T.: 12.852 min  
Delta R.T.: 0.000 min  
Response: 1447741  
Conc: 10.27 ug/ml



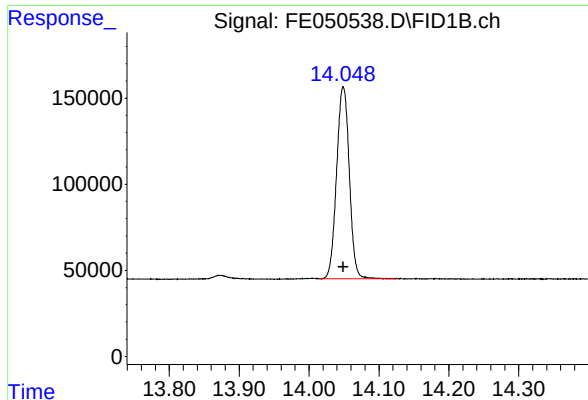
#11 n-Heneicosane (C21)

R.T.: 13.463 min  
Delta R.T.: 0.000 min  
Response: 1422566  
Conc: 10.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min  
Delta R.T.: 0.000 min  
Response: 1184740  
Conc: 10.11 ug/ml



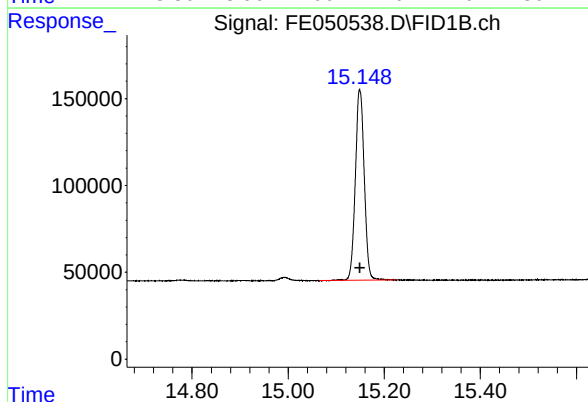
#13 n-Docosane (C22)

R.T.: 14.049 min  
Delta R.T.: 0.000 min  
Response: 1407717  
Conc: 10.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

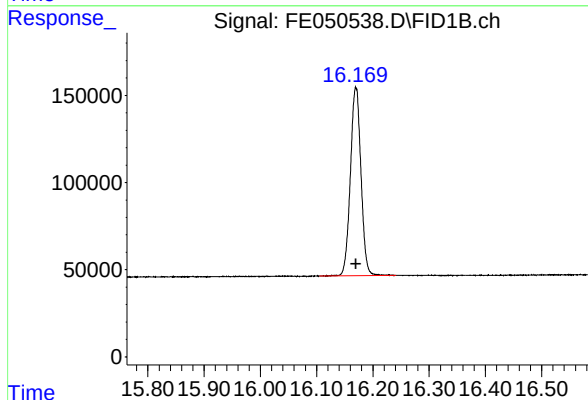
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :Ankita Jodhani 10/08/2024



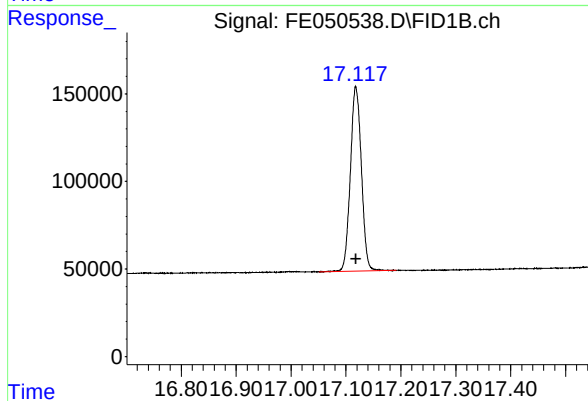
#14 n-Tetracosane (C24)

R.T.: 15.149 min  
Delta R.T.: 0.000 min  
Response: 1417214  
Conc: 10.25 ug/ml



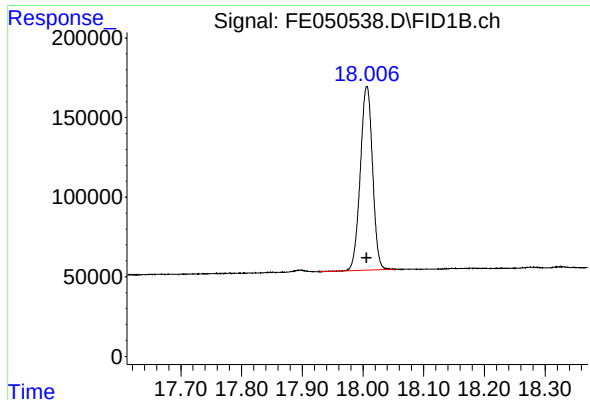
#15 n-Hexacosane (C26)

R.T.: 16.170 min  
Delta R.T.: 0.000 min  
Response: 1413994  
Conc: 10.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min  
Delta R.T.: 0.000 min  
Response: 1469893  
Conc: 10.43 ug/ml



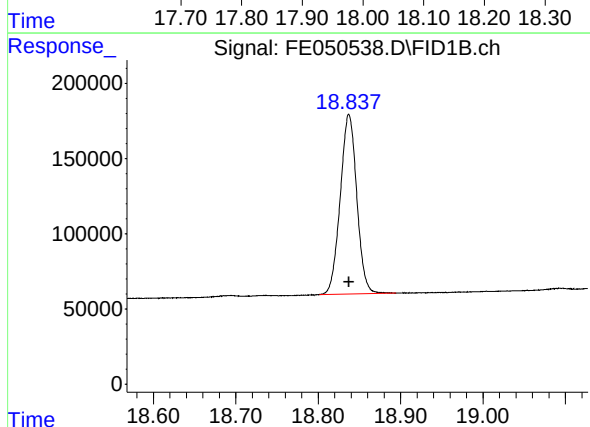
#17 n-Tricontane (C30)

R.T.: 18.006 min  
Delta R.T.: 0.000 min  
Response: 1614246  
Conc: 10.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

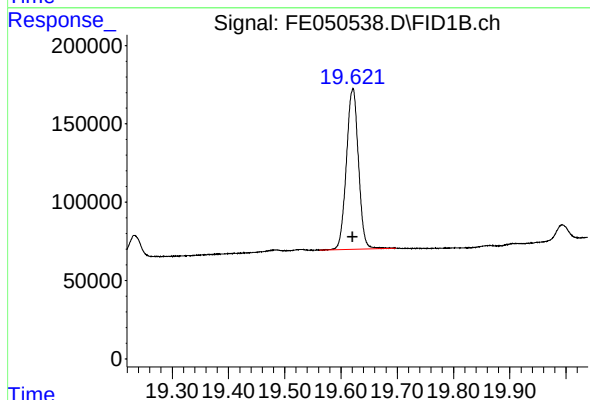
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :Ankita Jodhani 10/08/2024



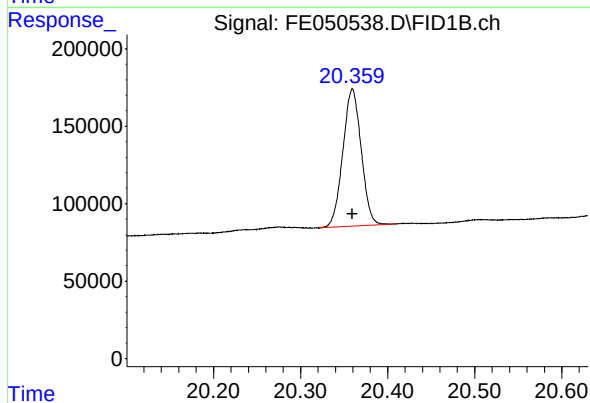
#18 n-Dotriacontane (C32)

R.T.: 18.837 min  
Delta R.T.: 0.000 min  
Response: 1666044  
Conc: 10.94 ug/ml



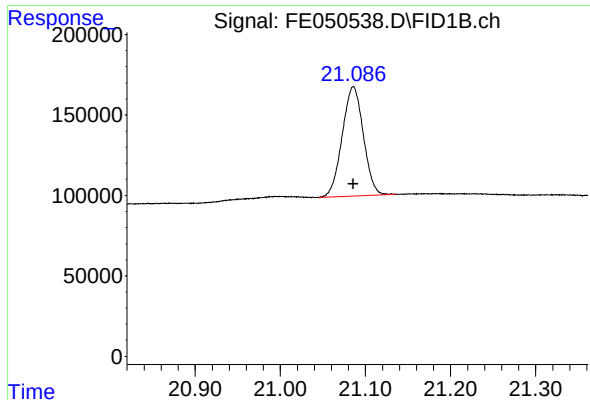
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min  
Delta R.T.: 0.000 min  
Response: 1525013  
Conc: 10.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min  
Delta R.T.: 0.000 min  
Response: 1301715  
Conc: 10.70 ug/ml



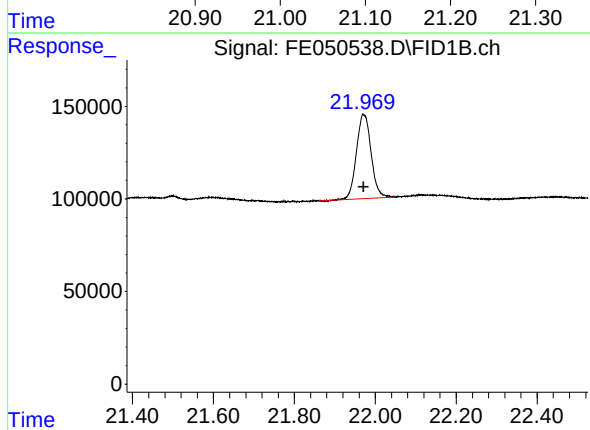
#21 n-Octatriacontane (C38)

R.T.: 21.086 min  
Delta R.T.: 0.000 min  
Response: 1173667  
Conc: 10.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :Ankita Jodhani 10/08/2024



#22 n-Tetracontane (C40)

R.T.: 21.971 min  
Delta R.T.: 0.000 min  
Response: 1141383  
Conc: 10.33 ug/ml