

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091924AL\  
 Data File : FE050216.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Sep 2024 16:36  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e  
 Quant Time: Sep 20 01:37:05 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)    | 11.870 | 2828120    | 19.009 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.02%        |
| 12) S 1-chlorooctadecane (S... | 13.304 | 2143247    | 19.080 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.16%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.259  | 2479769    | 18.295 ug/mlm |
| 2) T n-Decane (C10)            | 4.510  | 2564807    | 18.584 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.219  | 2621206    | 18.727 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.677  | 2575663    | 18.626 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.315  | 2472486    | 18.811 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.504  | 2562581    | 18.819 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.110 | 2642065    | 19.021 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.551 | 2676376    | 19.103 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.859 | 2548525    | 18.998 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.470 | 2512672    | 19.123 ug/ml  |
| 13) T n-Docosane (C22)         | 14.056 | 2494085    | 19.153 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.157 | 2507679    | 19.203 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.177 | 2460884    | 19.235 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.126 | 2553139    | 19.821 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.013 | 2752481    | 20.584 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.844 | 2817501    | 21.143 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.627 | 2593570    | 20.990 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.367 | 2288858    | 20.630 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.092 | 2172576    | 19.701 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.984 | 2077765    | 19.095 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091924AL\  
Data File : FE050216.D  
Signal(s) : FID1B.ch  
Acq On : 19 Sep 2024 16:36  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

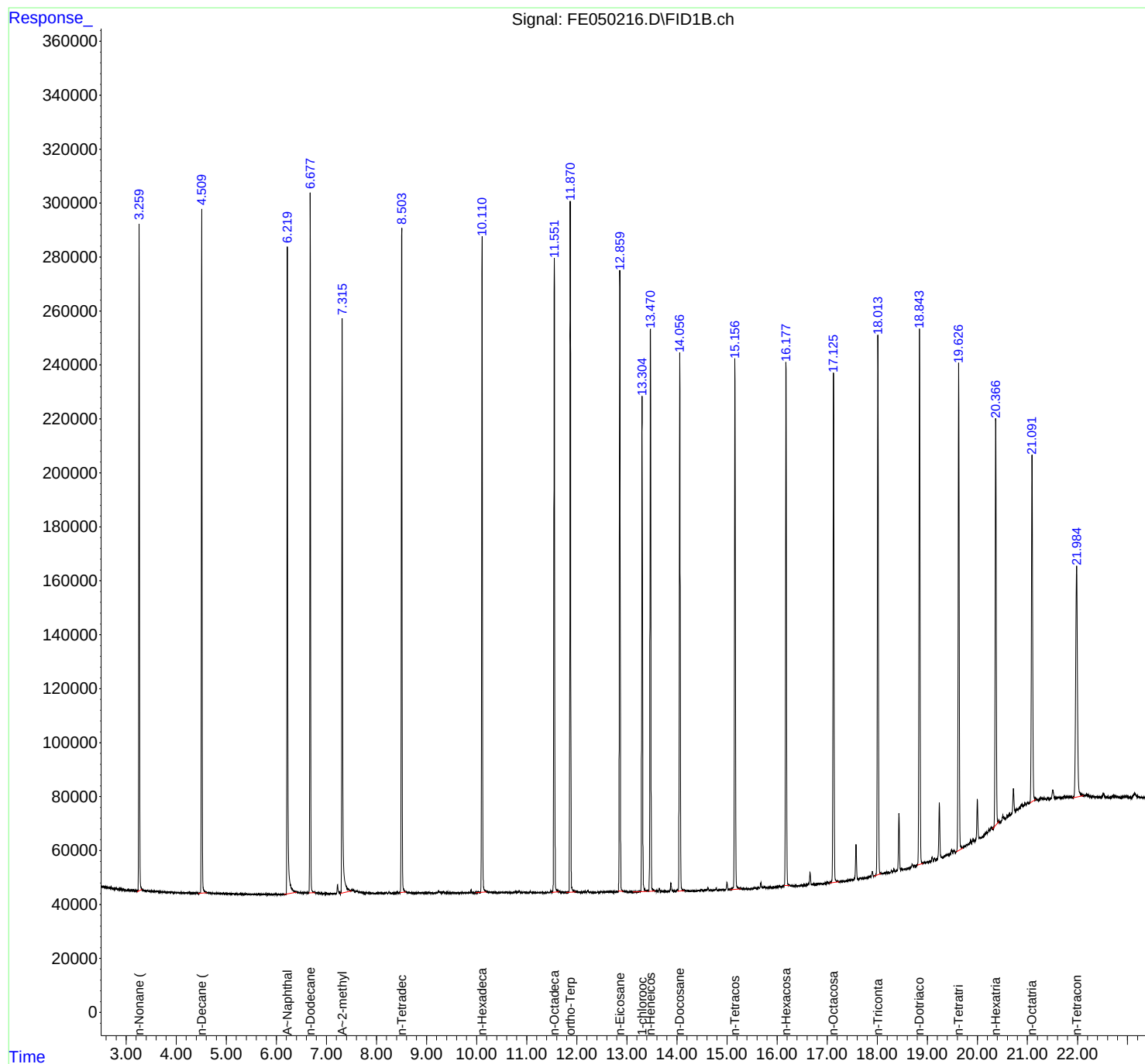
Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

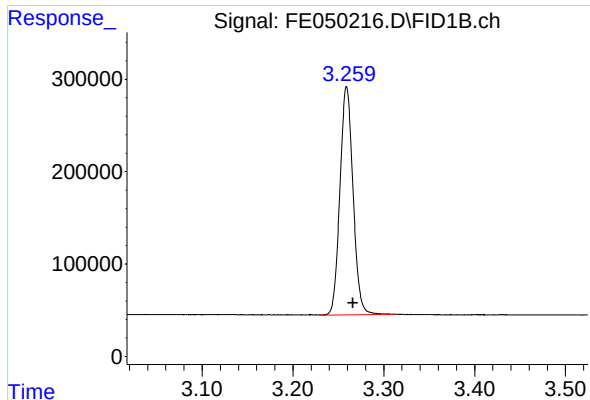
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e  
Quant Time: Sep 20 01:37:05 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





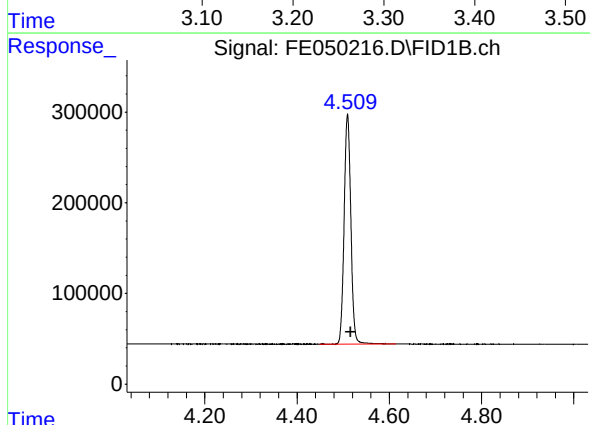
#1 n-Nonane (C9)

R.T.: 3.259 min  
Delta R.T.: -0.007 min  
Response: 2479769  
Conc: 18.29 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

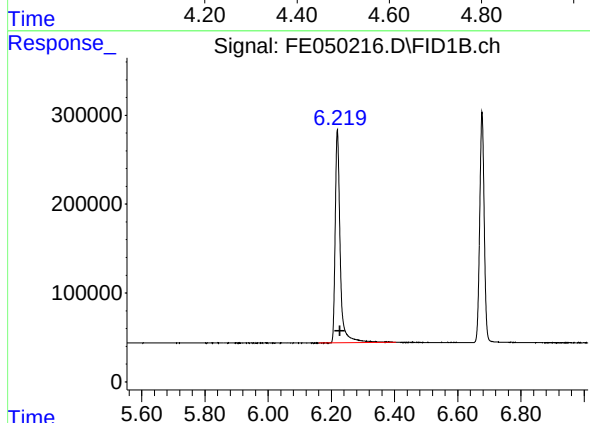
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



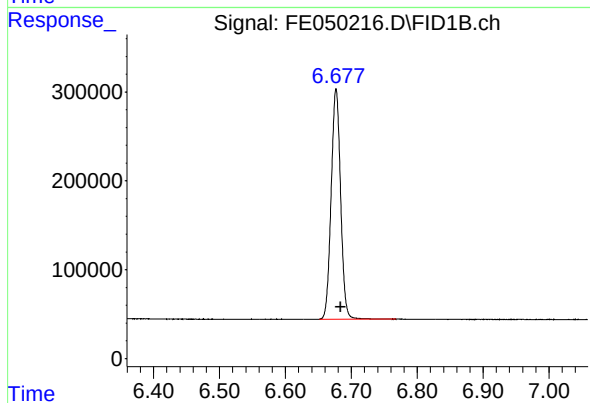
#2 n-Decane (C10)

R.T.: 4.510 min  
Delta R.T.: -0.007 min  
Response: 2564807  
Conc: 18.58 ug/ml



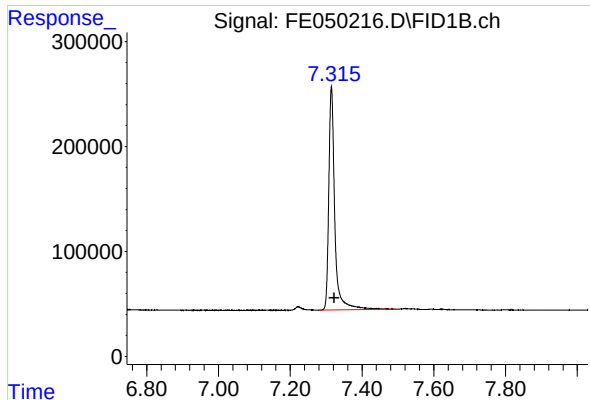
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min  
Delta R.T.: -0.008 min  
Response: 2621206  
Conc: 18.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min  
Delta R.T.: -0.007 min  
Response: 2575663  
Conc: 18.63 ug/ml



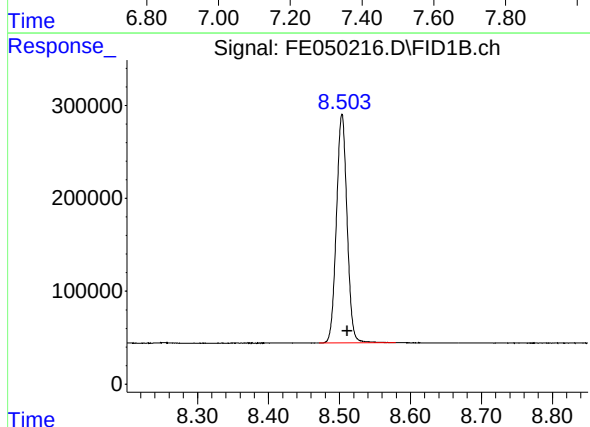
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min  
Delta R.T.: -0.008 min  
Response: 2472486  
Conc: 18.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

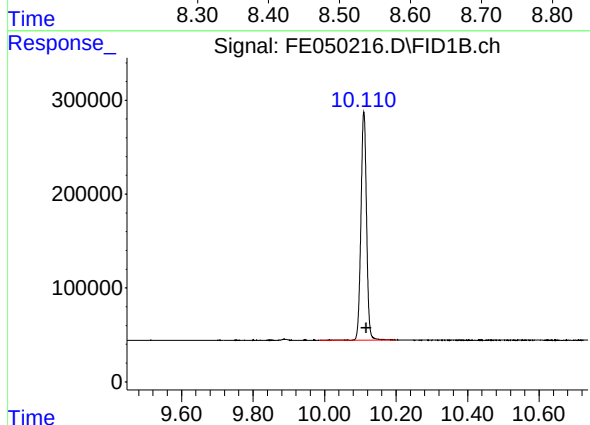
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



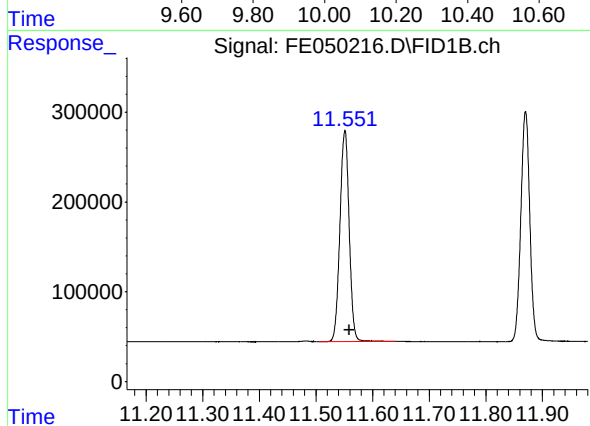
#6 n-Tetradecane (C14)

R.T.: 8.504 min  
Delta R.T.: -0.007 min  
Response: 2562581  
Conc: 18.82 ug/ml



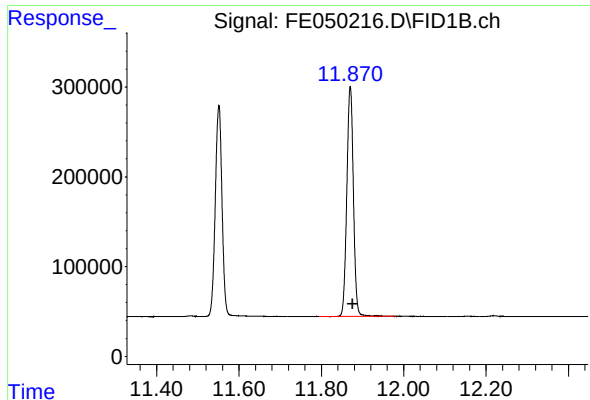
#7 n-Hexadecane (C16)

R.T.: 10.110 min  
Delta R.T.: -0.007 min  
Response: 2642065  
Conc: 19.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min  
Delta R.T.: -0.008 min  
Response: 2676376  
Conc: 19.10 ug/ml



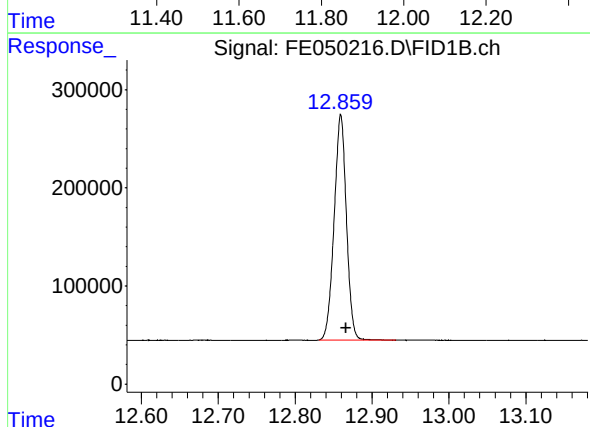
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min  
Delta R.T.: -0.006 min  
Response: 2828120  
Conc: 19.01 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

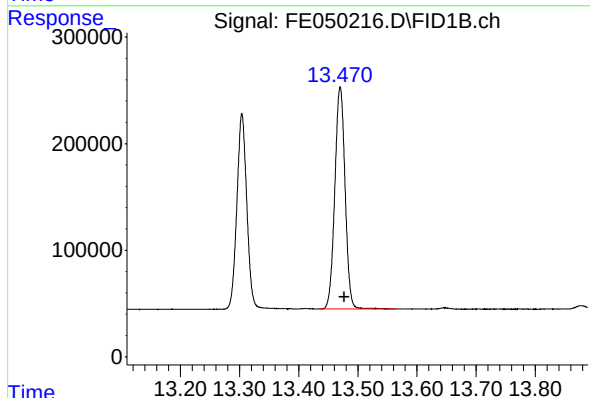
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



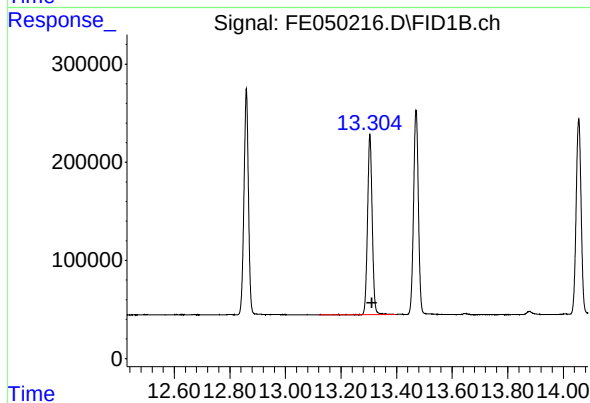
#10 n-Eicosane (C20)

R.T.: 12.859 min  
Delta R.T.: -0.007 min  
Response: 2548525  
Conc: 19.00 ug/ml



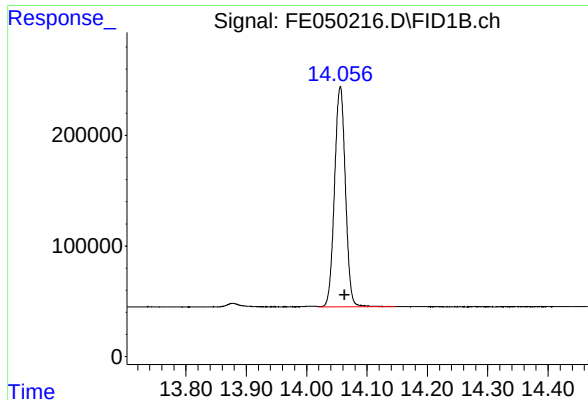
#11 n-Heneicosane (C21)

R.T.: 13.470 min  
Delta R.T.: -0.007 min  
Response: 2512672  
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min  
Delta R.T.: -0.007 min  
Response: 2143247  
Conc: 19.08 ug/ml



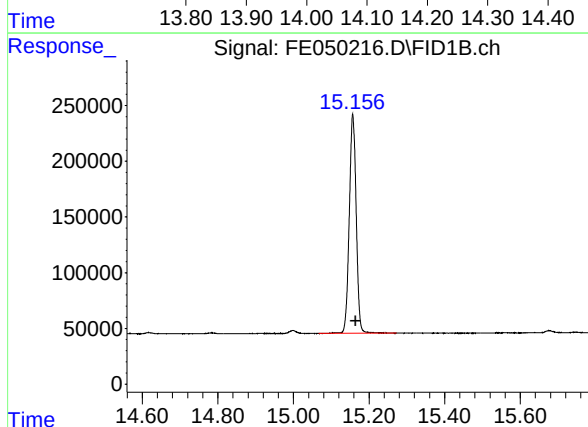
#13 n-Docosane (C22)

R.T.: 14.056 min  
Delta R.T.: -0.007 min  
Response: 2494085  
Conc: 19.15 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

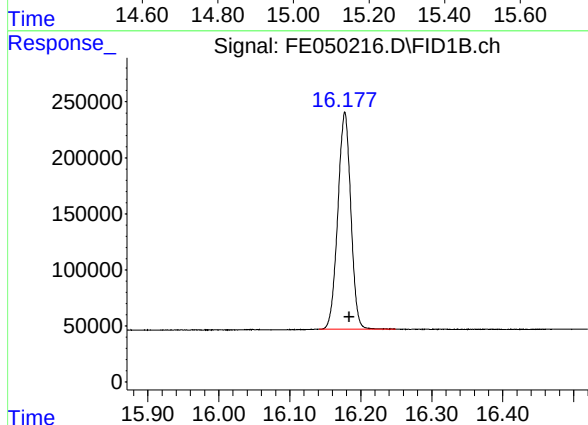
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



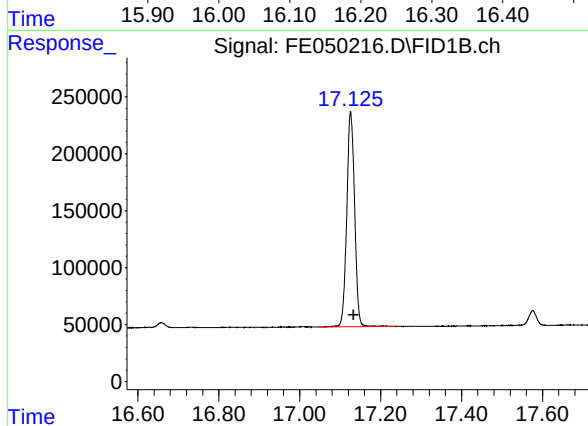
#14 n-Tetracosane (C24)

R.T.: 15.157 min  
Delta R.T.: -0.007 min  
Response: 2507679  
Conc: 19.20 ug/ml



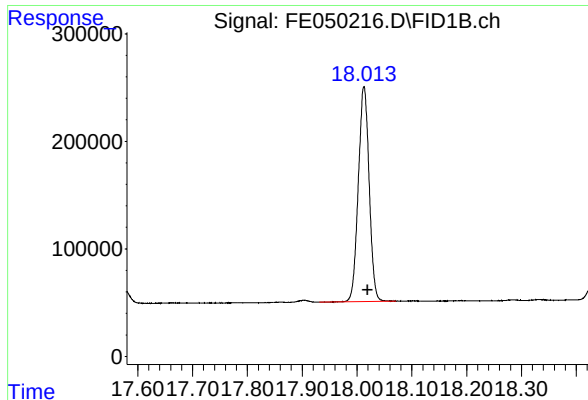
#15 n-Hexacosane (C26)

R.T.: 16.177 min  
Delta R.T.: -0.006 min  
Response: 2460884  
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.126 min  
Delta R.T.: -0.007 min  
Response: 2553139  
Conc: 19.82 ug/ml



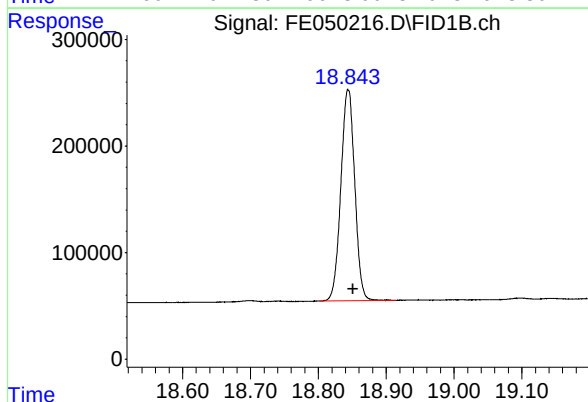
#17 n-Tricontane (C30)

R.T.: 18.013 min  
Delta R.T.: -0.007 min  
Response: 2752481  
Conc: 20.58 ug/ml

Instrument : FID\_E  
ClientSampleId : 20 PPM ALIPHATIC HC STD

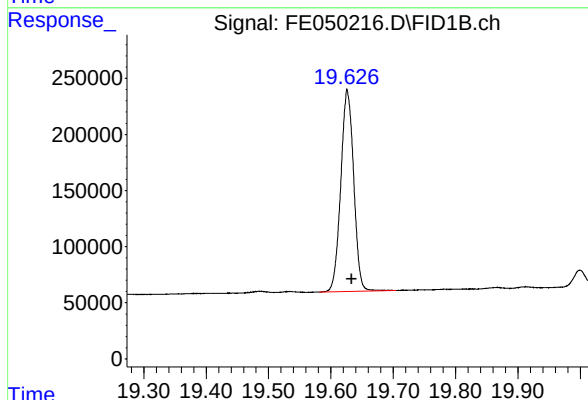
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



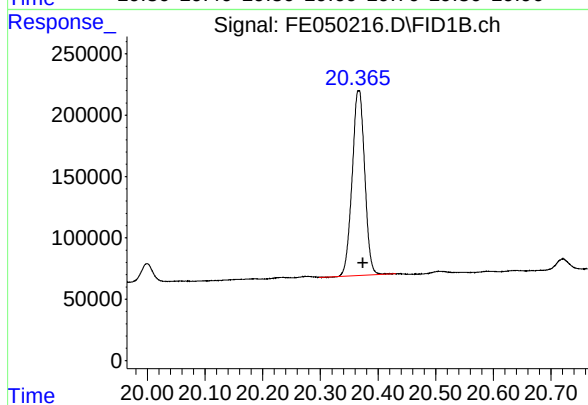
#18 n-Dotriacontane (C32)

R.T.: 18.844 min  
Delta R.T.: -0.007 min  
Response: 2817501  
Conc: 21.14 ug/ml



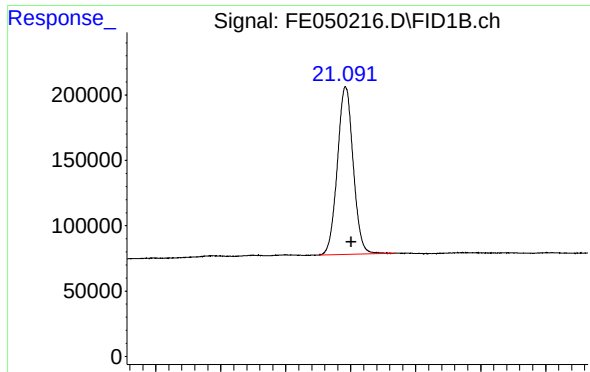
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min  
Delta R.T.: -0.007 min  
Response: 2593570  
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.367 min  
Delta R.T.: -0.007 min  
Response: 2288858  
Conc: 20.63 ug/ml



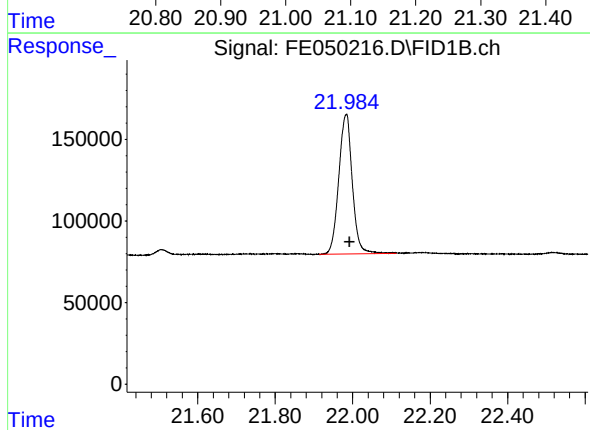
#21 n-Octatriacontane (C38)

R.T.: 21.092 min  
Delta R.T.: -0.009 min  
Response: 2172576  
Conc: 19.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



#22 n-Tetracontane (C40)

R.T.: 21.984 min  
Delta R.T.: -0.008 min  
Response: 2077765  
Conc: 19.09 ug/ml m