

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082824AL\  
 Data File : FE049811.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Aug 2024 09:30  
 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 08/29/2024  
 Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e  
 Quant Time: Aug 29 01:37:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 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)    | 11.881 | 2964913    | 18.335 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.67%        |
| 12) S 1-chlorooctadecane (S... | 13.316 | 2270345    | 18.608 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.22%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.271  | 2533188    | 16.369 ug/ml  |
| 2) T n-Decane (C10)            | 4.521  | 2748472    | 17.407 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.229  | 2837440    | 17.684 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.688  | 2802058    | 17.824 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.324  | 2692589    | 17.980 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.515  | 2776568    | 17.985 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.121 | 2855429    | 18.283 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.563 | 2880797    | 18.343 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.871 | 2758289    | 18.474 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.482 | 2707771    | 18.458 ug/ml  |
| 13) T n-Docosane (C22)         | 14.067 | 2684249    | 18.417 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.169 | 2710473    | 18.633 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.189 | 2681435    | 18.579 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.138 | 2811883    | 19.522 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.024 | 3159426    | 21.105 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.856 | 3340260    | 22.080 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.639 | 3286815    | 21.499 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.378 | 3097614    | 20.399 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.105 | 3011838    | 19.189 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.999 | 2909506    | 19.056 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082824AL\  
Data File : FE049811.D  
Signal(s) : FID1B.ch  
Acq On : 28 Aug 2024 09:30  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

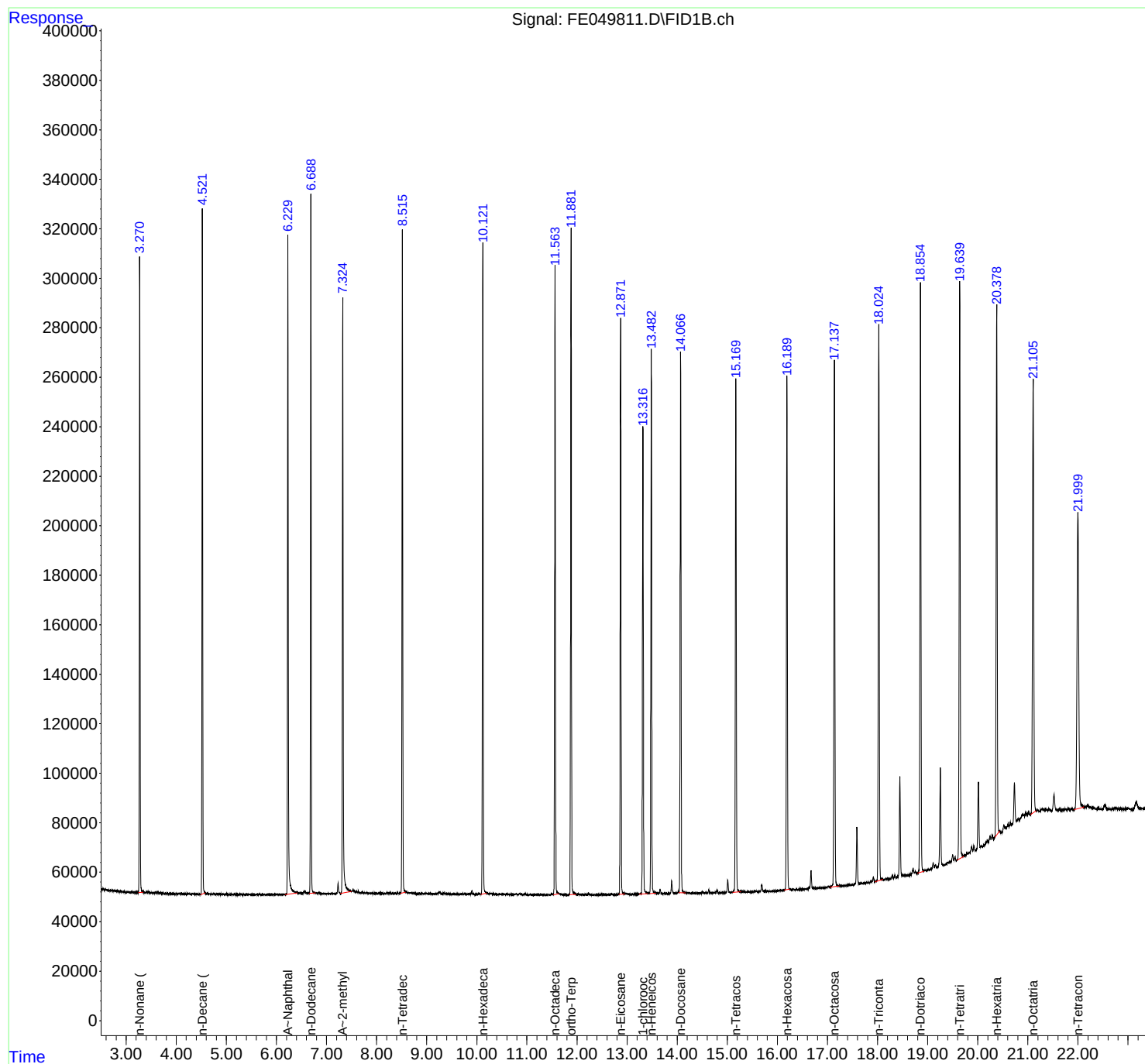
Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

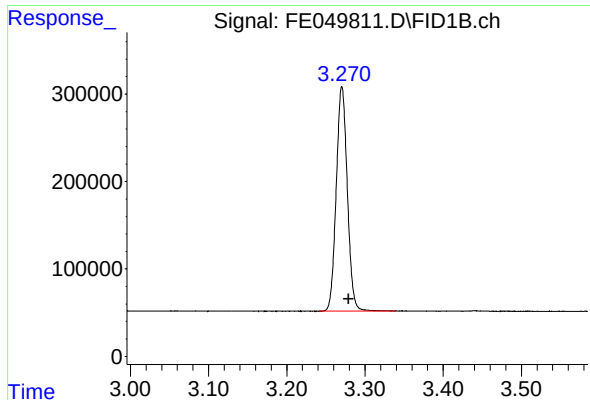
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/29/2024  
Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e  
Quant Time: Aug 29 01:37:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 11:05:17 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





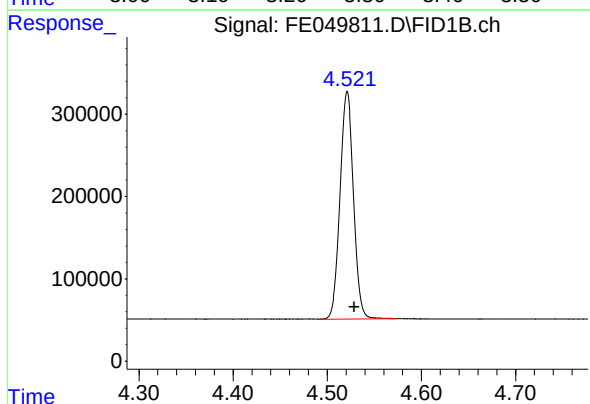
#1 n-Nonane (C9)

R.T.: 3.271 min  
Delta R.T.: -0.008 min  
Response: 2533188  
Conc: 16.37 ug/ml

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

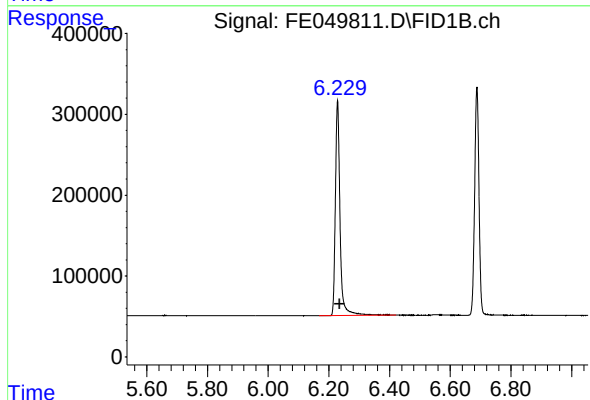
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/29/2024  
Supervised By :Ankita Jodhani 08/29/2024



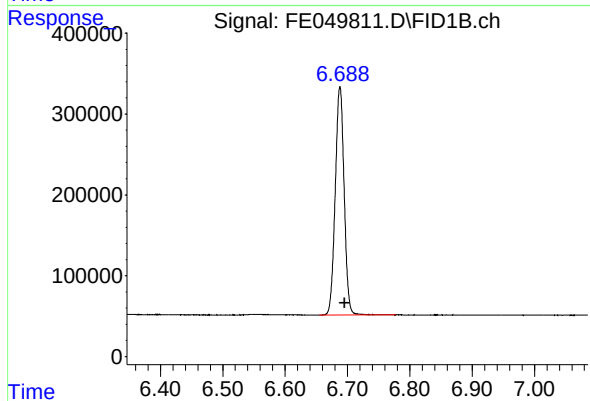
#2 n-Decane (C10)

R.T.: 4.521 min  
Delta R.T.: -0.008 min  
Response: 2748472  
Conc: 17.41 ug/ml



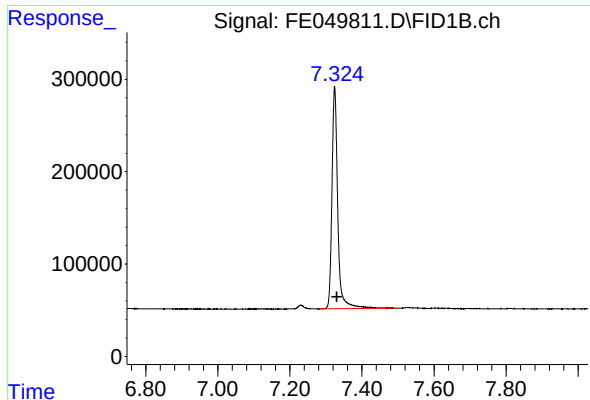
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min  
Delta R.T.: -0.006 min  
Response: 2837440  
Conc: 17.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min  
Delta R.T.: -0.008 min  
Response: 2802058  
Conc: 17.82 ug/ml



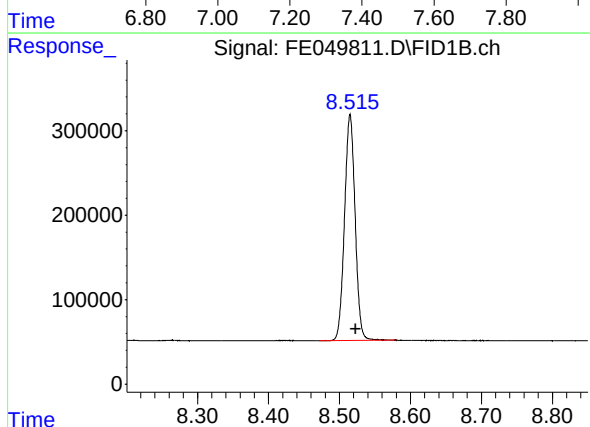
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min  
Delta R.T.: -0.006 min  
Response: 2692589  
Conc: 17.98 ug/ml

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

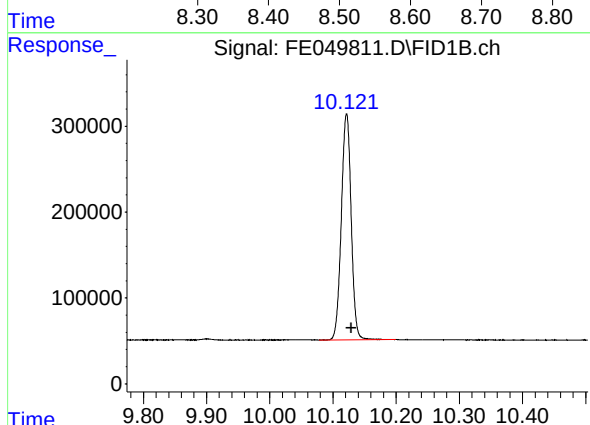
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/29/2024  
Supervised By :Ankita Jodhani 08/29/2024



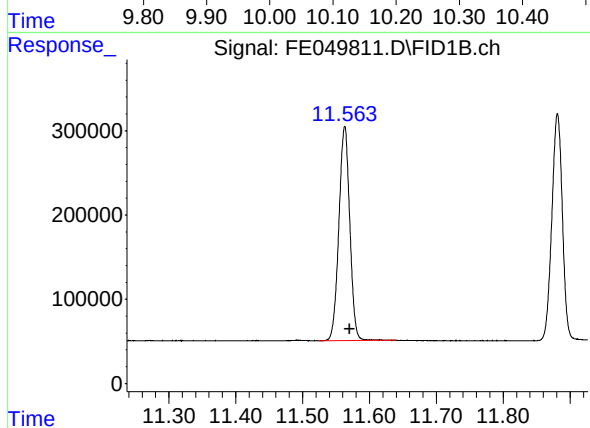
#6 n-Tetradecane (C14)

R.T.: 8.515 min  
Delta R.T.: -0.008 min  
Response: 2776568  
Conc: 17.99 ug/ml



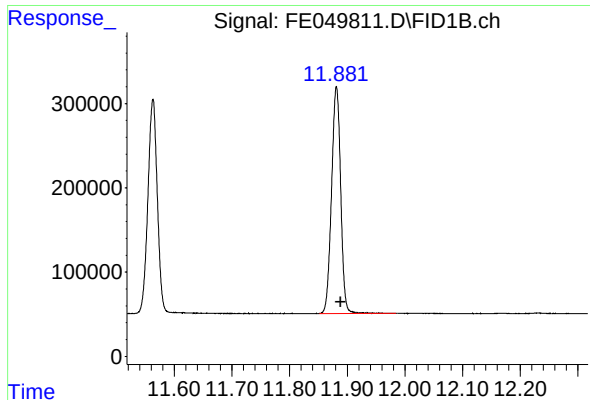
#7 n-Hexadecane (C16)

R.T.: 10.121 min  
Delta R.T.: -0.007 min  
Response: 2855429  
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min  
Delta R.T.: -0.008 min  
Response: 2880797  
Conc: 18.34 ug/ml



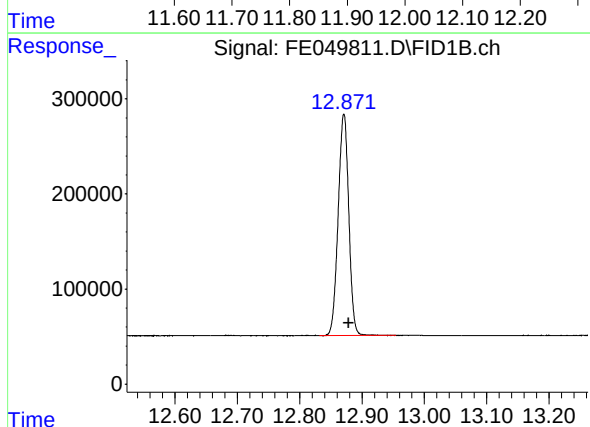
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min  
Delta R.T.: -0.007 min  
Response: 2964913  
Conc: 18.33 ug/ml

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

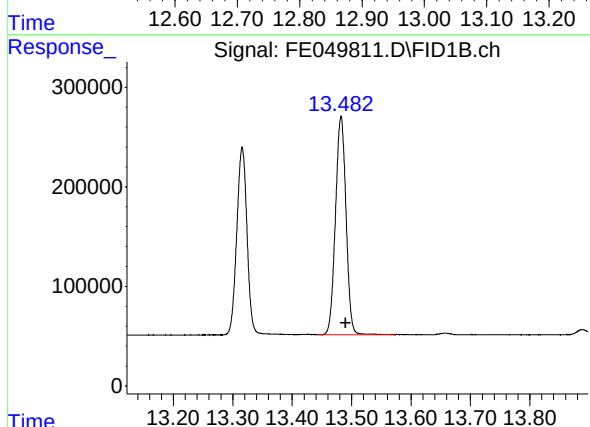
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/29/2024  
Supervised By :Ankita Jodhani 08/29/2024



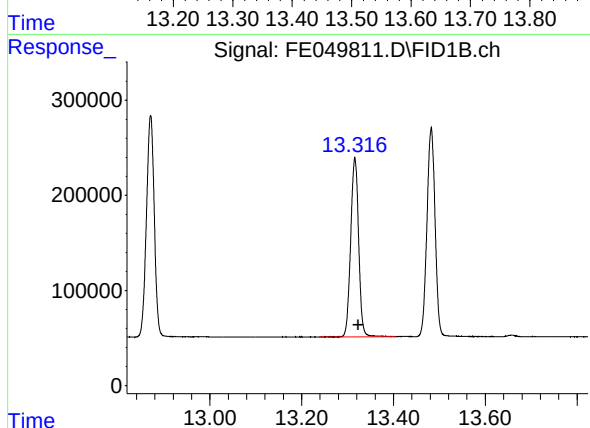
#10 n-Eicosane (C20)

R.T.: 12.871 min  
Delta R.T.: -0.008 min  
Response: 2758289  
Conc: 18.47 ug/ml



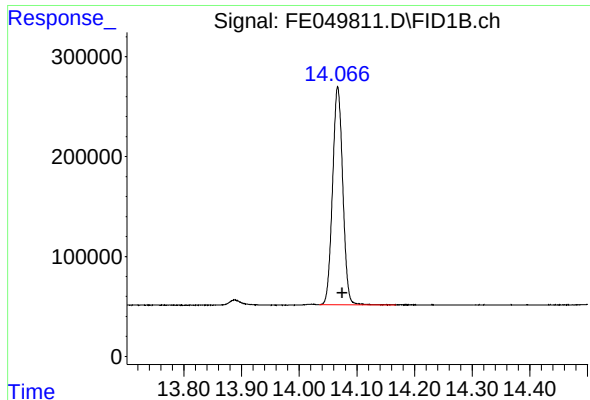
#11 n-Heneicosane (C21)

R.T.: 13.482 min  
Delta R.T.: -0.008 min  
Response: 2707771  
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min  
Delta R.T.: -0.008 min  
Response: 2270345  
Conc: 18.61 ug/ml



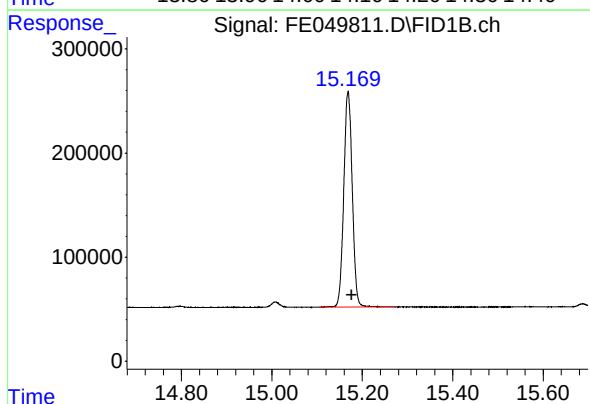
#13 n-Docosane (C22)

R.T.: 14.067 min  
Delta R.T.: -0.008 min  
Response: 2684249  
Conc: 18.42 ug/ml

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

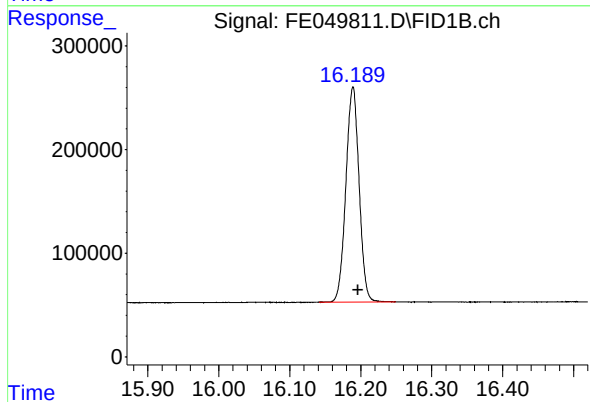
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/29/2024  
Supervised By :Ankita Jodhani 08/29/2024



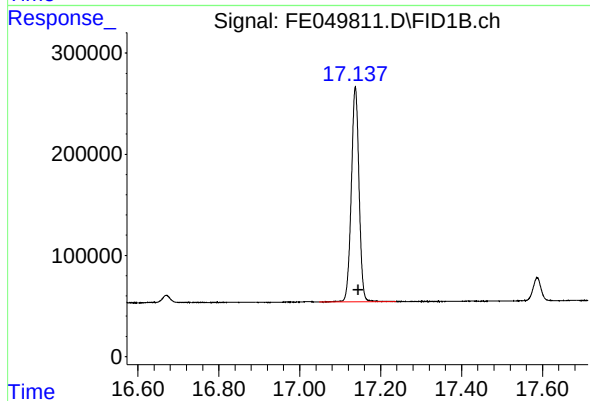
#14 n-Tetracosane (C24)

R.T.: 15.169 min  
Delta R.T.: -0.008 min  
Response: 2710473  
Conc: 18.63 ug/ml



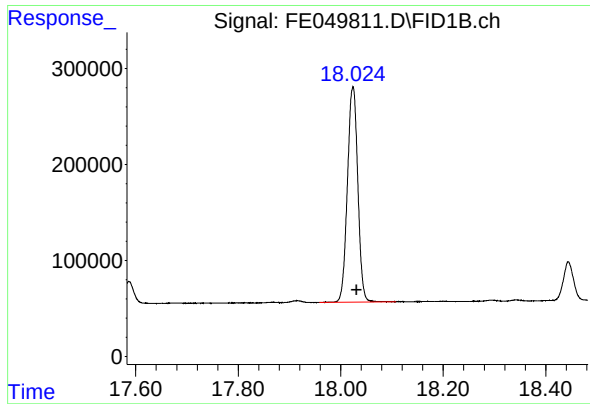
#15 n-Hexacosane (C26)

R.T.: 16.189 min  
Delta R.T.: -0.008 min  
Response: 2681435  
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min  
Delta R.T.: -0.007 min  
Response: 2811883  
Conc: 19.52 ug/ml



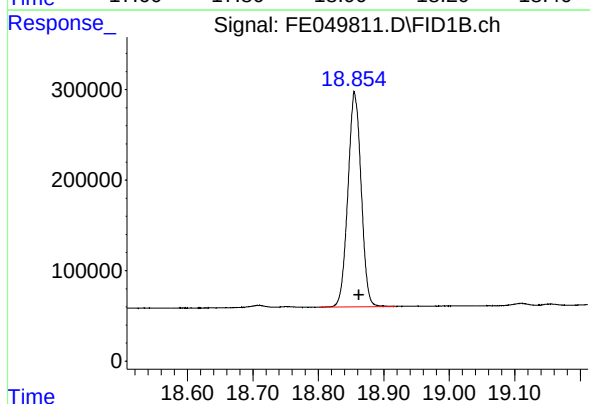
#17 n-Tricontane (C30)

R.T.: 18.024 min  
Delta R.T.: -0.007 min  
Response: 3159426  
Conc: 21.10 ug/ml

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

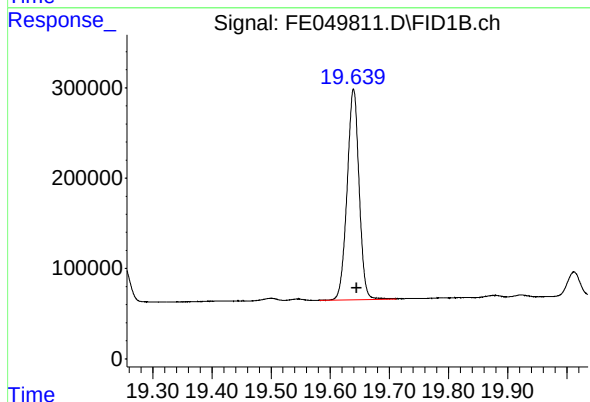
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/29/2024  
Supervised By :Ankita Jodhani 08/29/2024



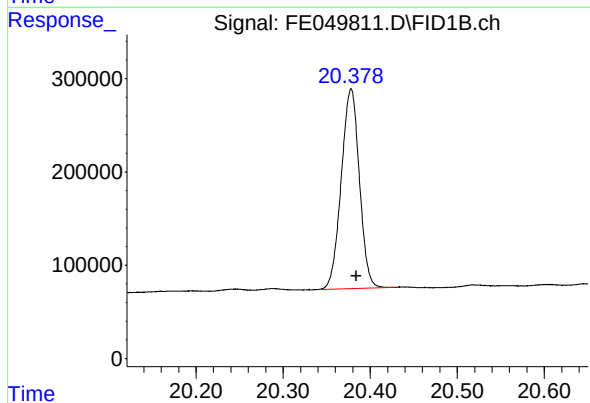
#18 n-Dotriacontane (C32)

R.T.: 18.856 min  
Delta R.T.: -0.007 min  
Response: 3340260  
Conc: 22.08 ug/ml



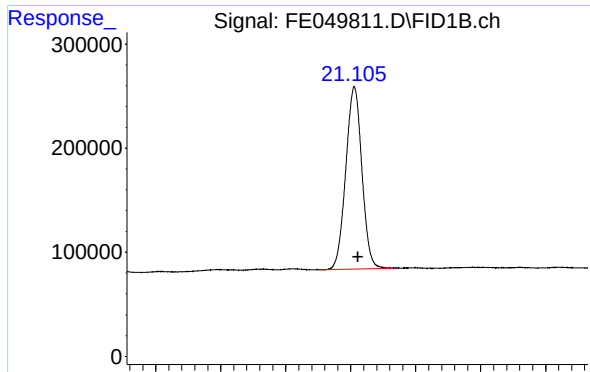
#19 n-Tetatriacontane (C34)

R.T.: 19.639 min  
Delta R.T.: -0.005 min  
Response: 3286815  
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min  
Delta R.T.: -0.006 min  
Response: 3097614  
Conc: 20.40 ug/ml



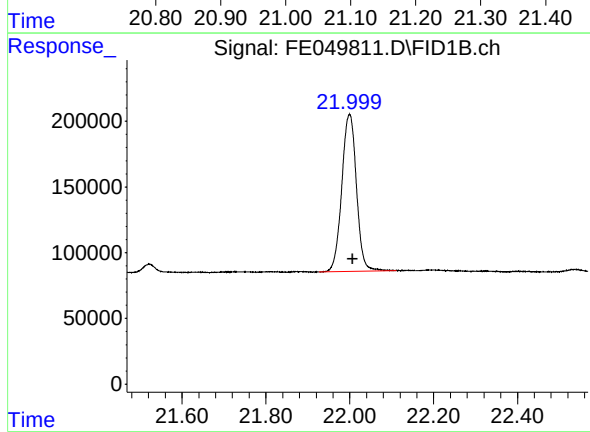
#21 n-Octatriacontane (C38)

R.T.: 21.105 min  
Delta R.T.: -0.006 min  
Response: 3011838  
Conc: 19.19 ug/ml

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/29/2024  
Supervised By :Ankita Jodhani 08/29/2024



#22 n-Tetracontane (C40)

R.T.: 21.999 min  
Delta R.T.: -0.008 min  
Response: 2909506  
Conc: 19.06 ug/ml m