

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092324AL\  
 Data File : FE050305.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Sep 2024 23:47  
 Operator : YP\AJ  
 Sample : PB163607BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

PB163607BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e

Quant Time: Sep 24 01:29:43 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)    | 11.869 | 7168223    | 48.180 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 96.36%        |
| 12) S 1-chlorooctadecane (S... | 13.302 | 5961686    | 53.074 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 106.15%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.270  | 6973257    | 51.446 ug/ml  |
| 2) T n-Decane (C10)            | 4.515  | 7457834    | 54.038 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.219  | 7882286    | 56.315 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.677  | 7533197    | 54.477 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.314  | 7050037    | 53.638 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.505  | 7875242    | 57.833 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.109 | 7943486    | 57.187 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.551 | 7927628    | 56.585 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.859 | 7887888    | 58.801 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.469 | 7684997    | 58.487 ug/ml  |
| 13) T n-Docosane (C22)         | 14.055 | 7531002    | 57.834 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.154 | 14398105   | 110.254 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.177 | 7326425    | 57.265 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.125 | 8501021    | 65.997 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.011 | 7580661    | 56.690 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.842 | 7715938    | 57.903 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.625 | 7958615    | 64.410 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.363 | 7923012    | 71.411 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.089 | 8018738    | 72.713 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.975 | 7624643    | 70.070 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092324AL\  
Data File : FE050305.D  
Signal(s) : FID1B.ch  
Acq On : 23 Sep 2024 23:47  
Operator : YP\AJ  
Sample : PB163607BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

## Instrument :

FID\_E

## Client Sample Id :

PB163607BS

## Manual Integrations

## APPROVED

Reviewed By : Yogesh Patel 09/24/2024

Supervised By : Ankita Jodhani 09/24/2024

Integration File: autoint1.e

Quant Time: Sep 24 01:29:43 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

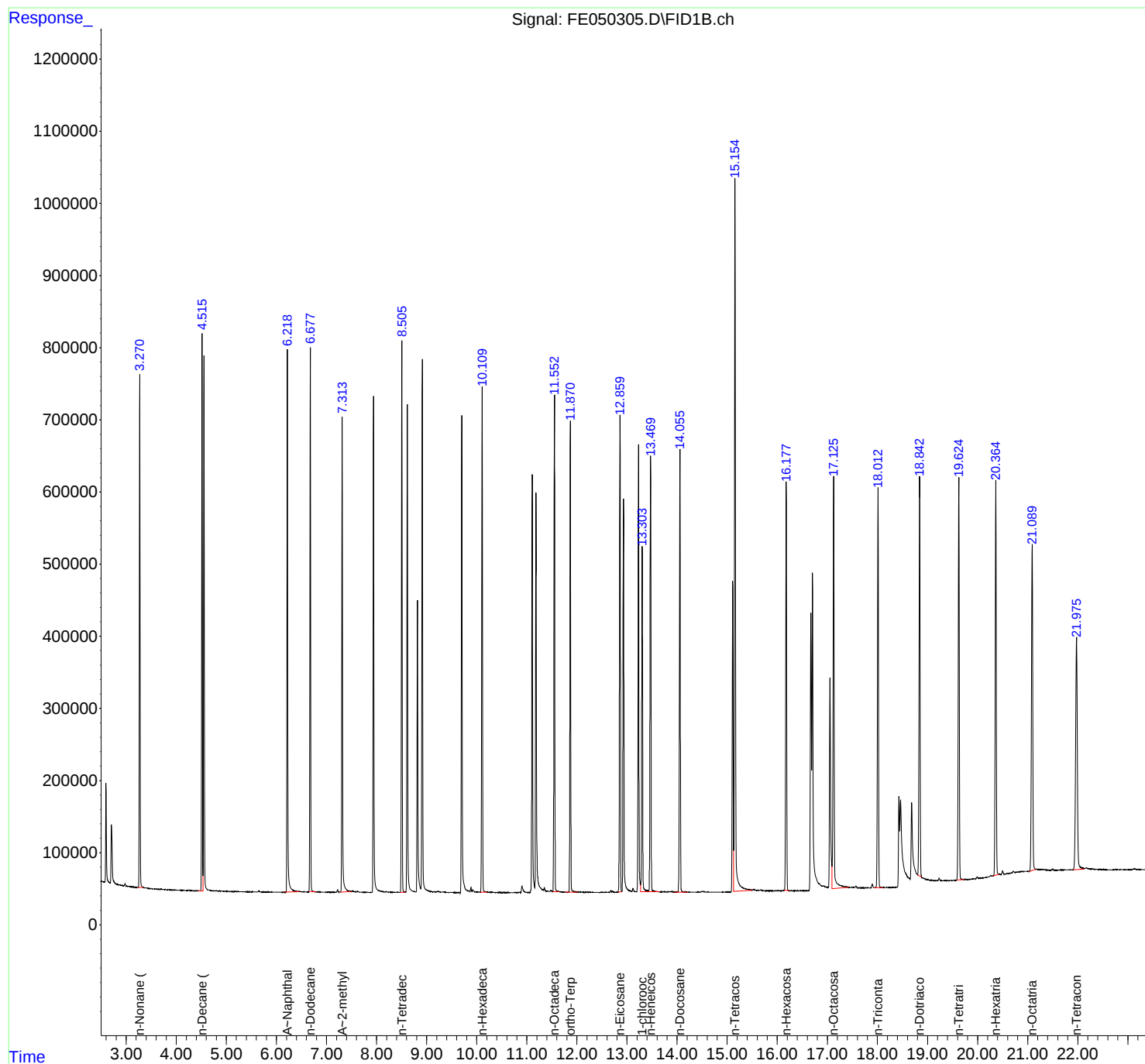
Response via : Initial Calibration

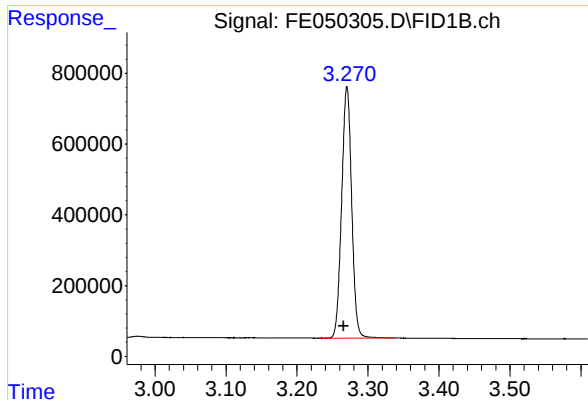
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





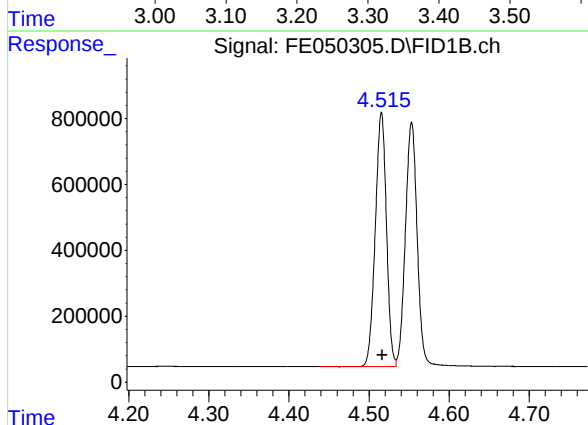
#1 n-Nonane (C9)

R.T.: 3.270 min  
Delta R.T.: 0.004 min  
Response: 6973257  
Conc: 51.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB163607BS

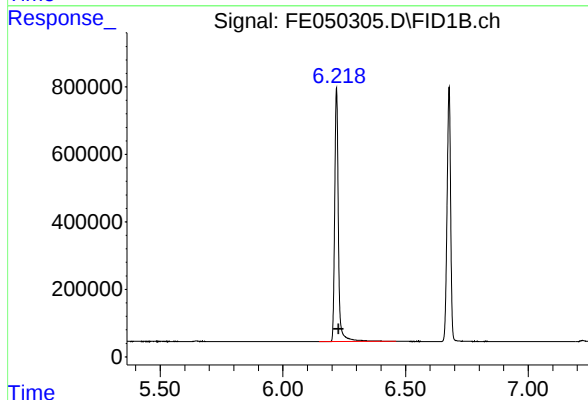
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2024  
Supervised By :Ankita Jodhani 09/24/2024



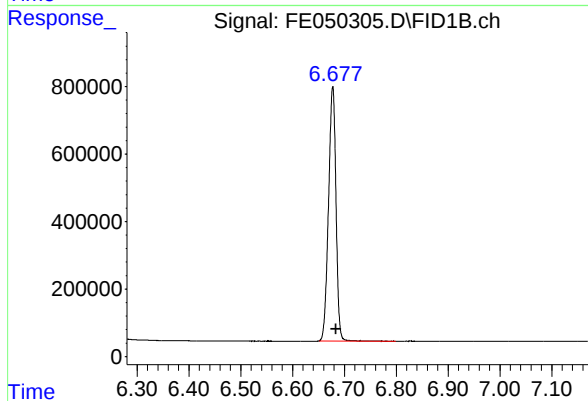
#2 n-Decane (C10)

R.T.: 4.515 min  
Delta R.T.: -0.001 min  
Response: 7457834  
Conc: 54.04 ug/ml



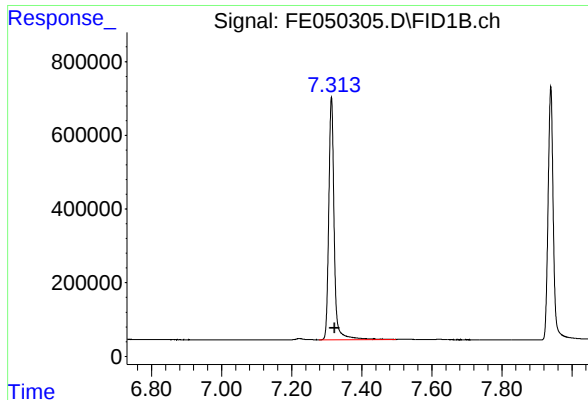
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min  
Delta R.T.: -0.008 min  
Response: 7882286  
Conc: 56.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min  
Delta R.T.: -0.007 min  
Response: 7533197  
Conc: 54.48 ug/ml



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

R.T.: 7.314 min  
Delta R.T.: -0.010 min  
Response: 7050037  
Conc: 53.64 ug/ml

Instrument :

FID\_E

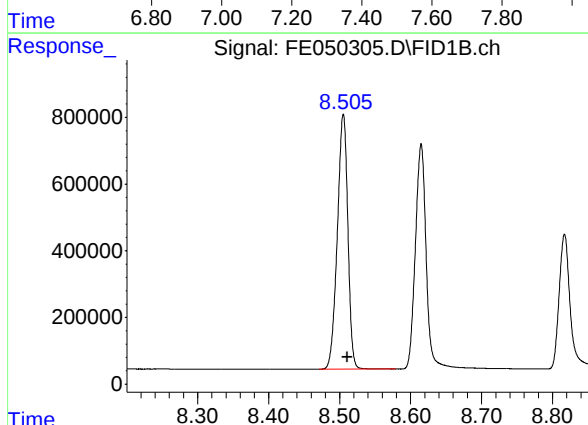
ClientSampleId :

PB163607BS

Manual Integrations

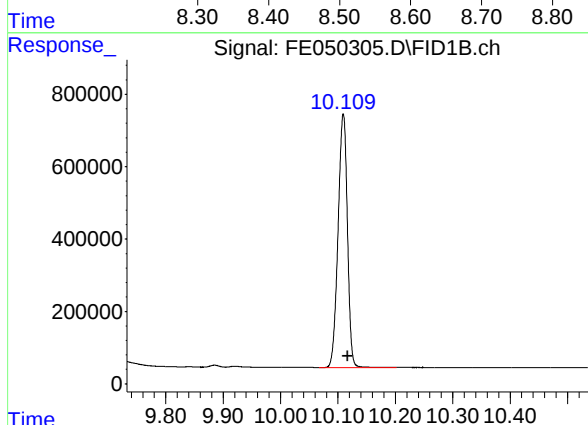
APPROVED

Reviewed By :Yogesh Patel 09/24/2024  
Supervised By :Ankita Jodhani 09/24/2024



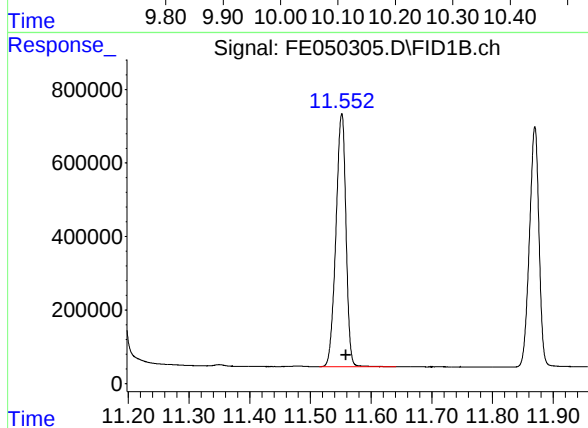
#6 n-Tetradecane (C14)

R.T.: 8.505 min  
Delta R.T.: -0.006 min  
Response: 7875242  
Conc: 57.83 ug/ml



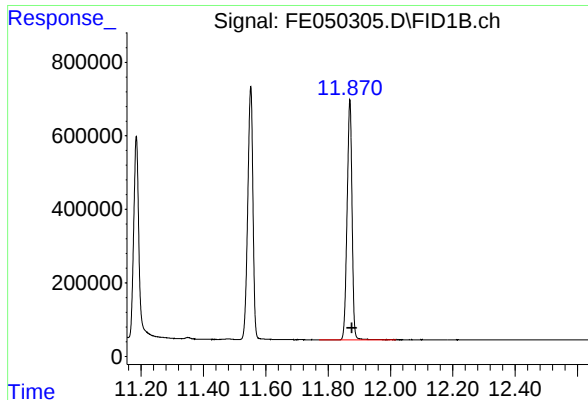
#7 n-Hexadecane (C16)

R.T.: 10.109 min  
Delta R.T.: -0.008 min  
Response: 7943486  
Conc: 57.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min  
Delta R.T.: -0.008 min  
Response: 7927628  
Conc: 56.58 ug/ml



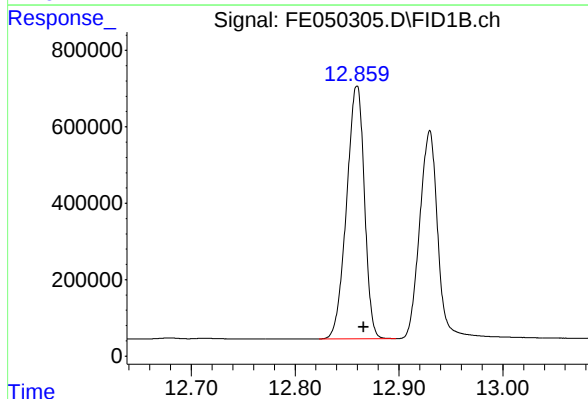
#9 ortho-Terphenyl (SURR)

R.T.: 11.869 min  
Delta R.T.: -0.007 min  
Response: 7168223  
Conc: 48.18 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB163607BS

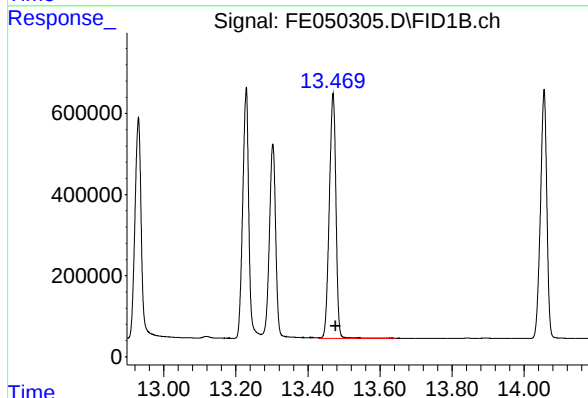
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2024  
Supervised By :Ankita Jodhani 09/24/2024



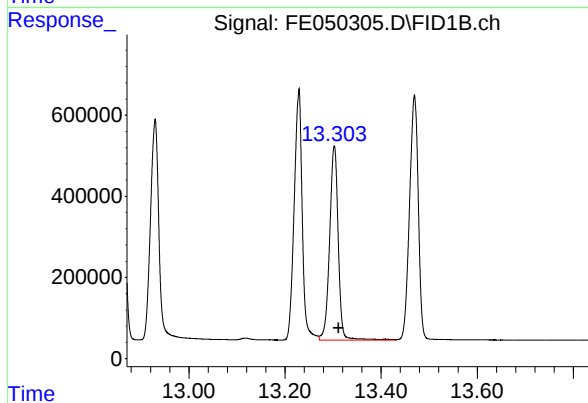
#10 n-Eicosane (C20)

R.T.: 12.859 min  
Delta R.T.: -0.006 min  
Response: 7887888  
Conc: 58.80 ug/ml m



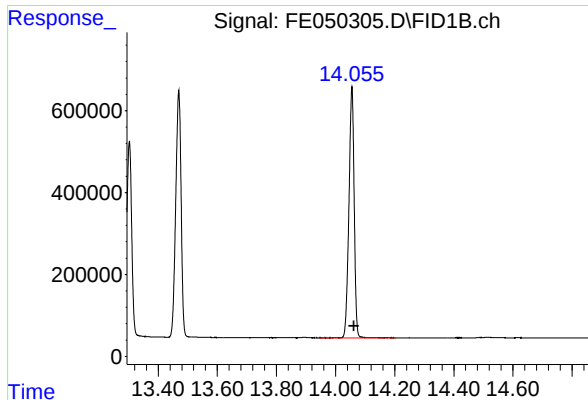
#11 n-Heneicosane (C21)

R.T.: 13.469 min  
Delta R.T.: -0.008 min  
Response: 7684997  
Conc: 58.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min  
Delta R.T.: -0.009 min  
Response: 5961686  
Conc: 53.07 ug/ml



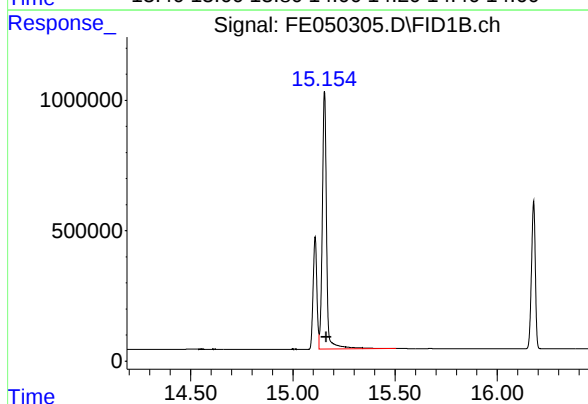
#13 n-Docosane (C22)

R.T.: 14.055 min  
Delta R.T.: -0.008 min  
Response: 7531002  
Conc: 57.83 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB163607BS

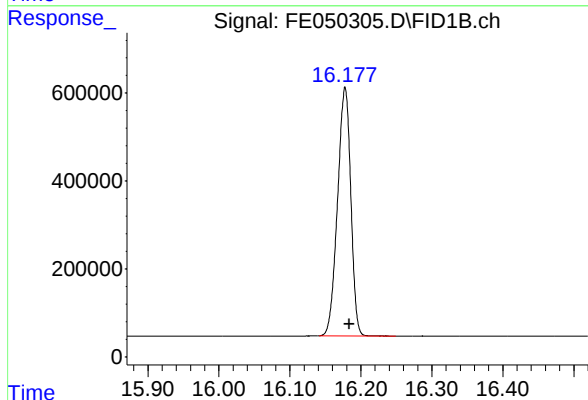
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2024  
Supervised By :Ankita Jodhani 09/24/2024



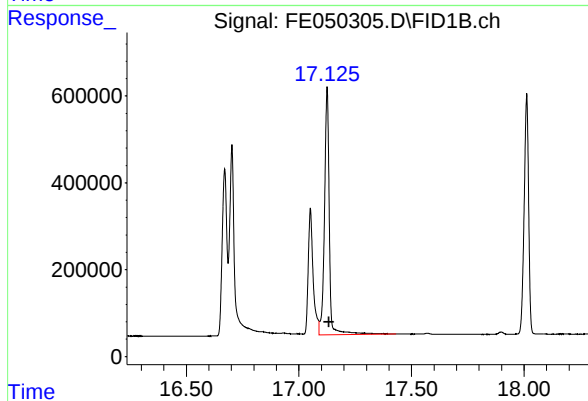
#14 n-Tetracosane (C24)

R.T.: 15.154 min  
Delta R.T.: -0.010 min  
Response: 14398105  
Conc: 110.25 ug/ml



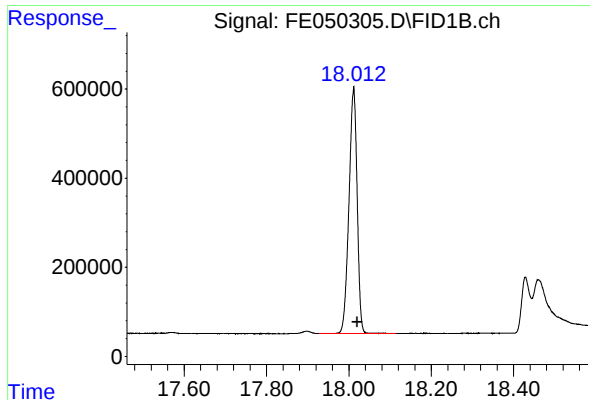
#15 n-Hexacosane (C26)

R.T.: 16.177 min  
Delta R.T.: -0.007 min  
Response: 7326425  
Conc: 57.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min  
Delta R.T.: -0.009 min  
Response: 8501021  
Conc: 66.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.011 min  
Delta R.T.: -0.009 min  
Response: 7580661  
Conc: 56.69 ug/ml

Instrument :

FID\_E

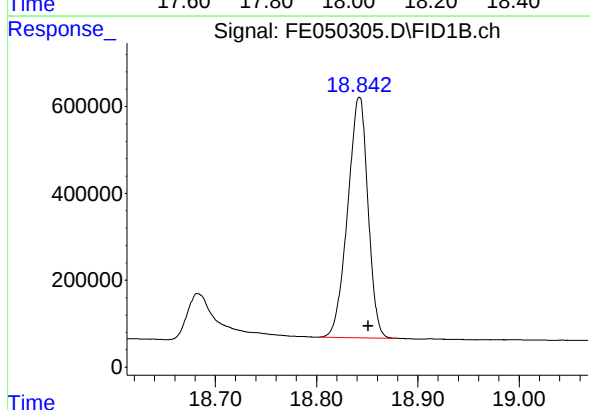
ClientSampleId :

PB163607BS

Manual Integrations

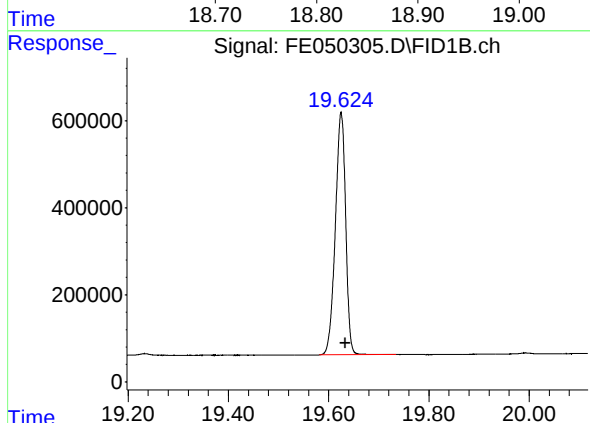
APPROVED

Reviewed By :Yogesh Patel 09/24/2024  
Supervised By :Ankita Jodhani 09/24/2024



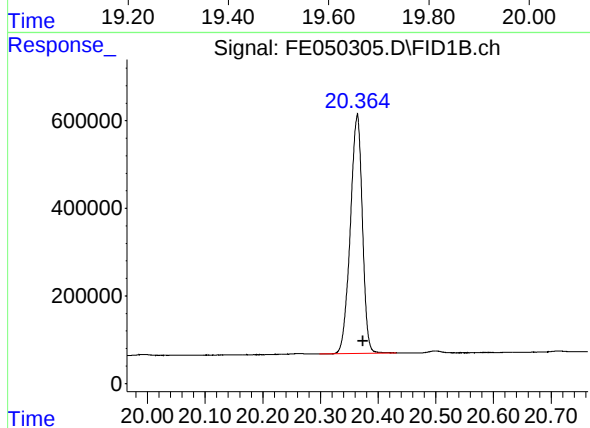
#18 n-Dotriacontane (C32)

R.T.: 18.842 min  
Delta R.T.: -0.009 min  
Response: 7715938  
Conc: 57.90 ug/ml



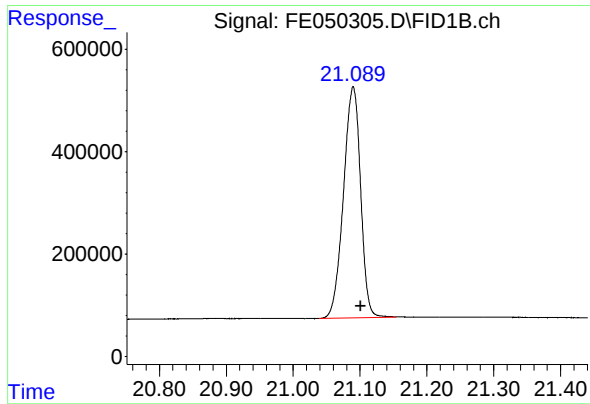
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min  
Delta R.T.: -0.009 min  
Response: 7958615  
Conc: 64.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min  
Delta R.T.: -0.011 min  
Response: 7923012  
Conc: 71.41 ug/ml



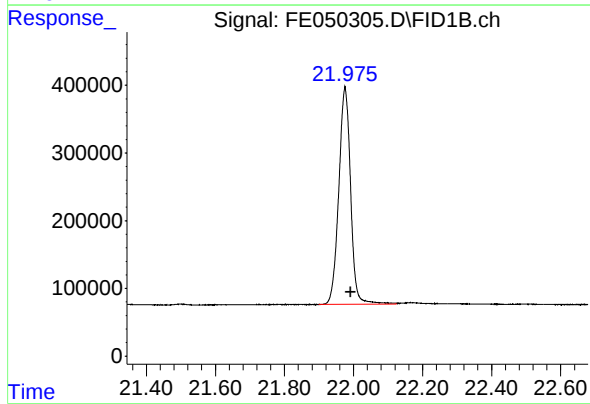
#21 n-Octatriacontane (C38)

R.T.: 21.089 min  
Delta R.T.: -0.012 min  
Response: 8018738  
Conc: 72.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
PB163607BS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2024  
Supervised By :Ankita Jodhani 09/24/2024



#22 n-Tetracontane (C40)

R.T.: 21.975 min  
Delta R.T.: -0.017 min  
Response: 7624643  
Conc: 70.07 ug/ml m