

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032223AL\  
 Data File : FE040962.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Mar 2023 01:28  
 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 03/23/2023  
 Supervised By :Ankita Jodhani 03/23/2023

Integration File: autoint1.e  
 Quant Time: Mar 23 01:53:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 28 03:05:09 2023  
 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)    | 11.865 | 3545817    | 18.981 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.96%       |
| 12) S 1-chlorooctadecane (S... | 13.303 | 2761822    | 18.660 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.264  | 3119496    | 20.273 ug/ml |
| 2) T n-Decane (C10)            | 4.511  | 3169890    | 21.070 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.214  | 3456294    | 20.838 ug/ml |
| 4) T n-Dodecane (C12)          | 6.675  | 3206448    | 20.945 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.310  | 3147557    | 20.797 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.501  | 3233260    | 20.920 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.108 | 3327453    | 20.601 ug/ml |
| 8) T n-Octadecane (C18)        | 11.549 | 3409873    | 20.082 ug/ml |
| 10) T n-Eicosane (C20)         | 12.858 | 3278098    | 19.378 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.471 | 3253130    | 18.984 ug/ml |
| 13) T n-Docosane (C22)         | 14.057 | 3199001    | 18.673 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.161 | 3146998    | 18.255 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.183 | 3022864    | 17.786 ug/ml |
| 16) T n-Octacosane (C28)       | 17.133 | 3054885    | 18.216 ug/ml |
| 17) T n-Tricontane (C30)       | 18.021 | 3207986    | 19.647 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.855 | 3337437    | 19.500 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.639 | 3164409    | 20.467 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.380 | 2886635    | 19.869 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.107 | 2831801    | 20.601 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.993 | 2889778    | 18.702 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032223AL\  
Data File : FE040962.D  
Signal(s) : FID1B.ch  
Acq On : 23 Mar 2023 01:28  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

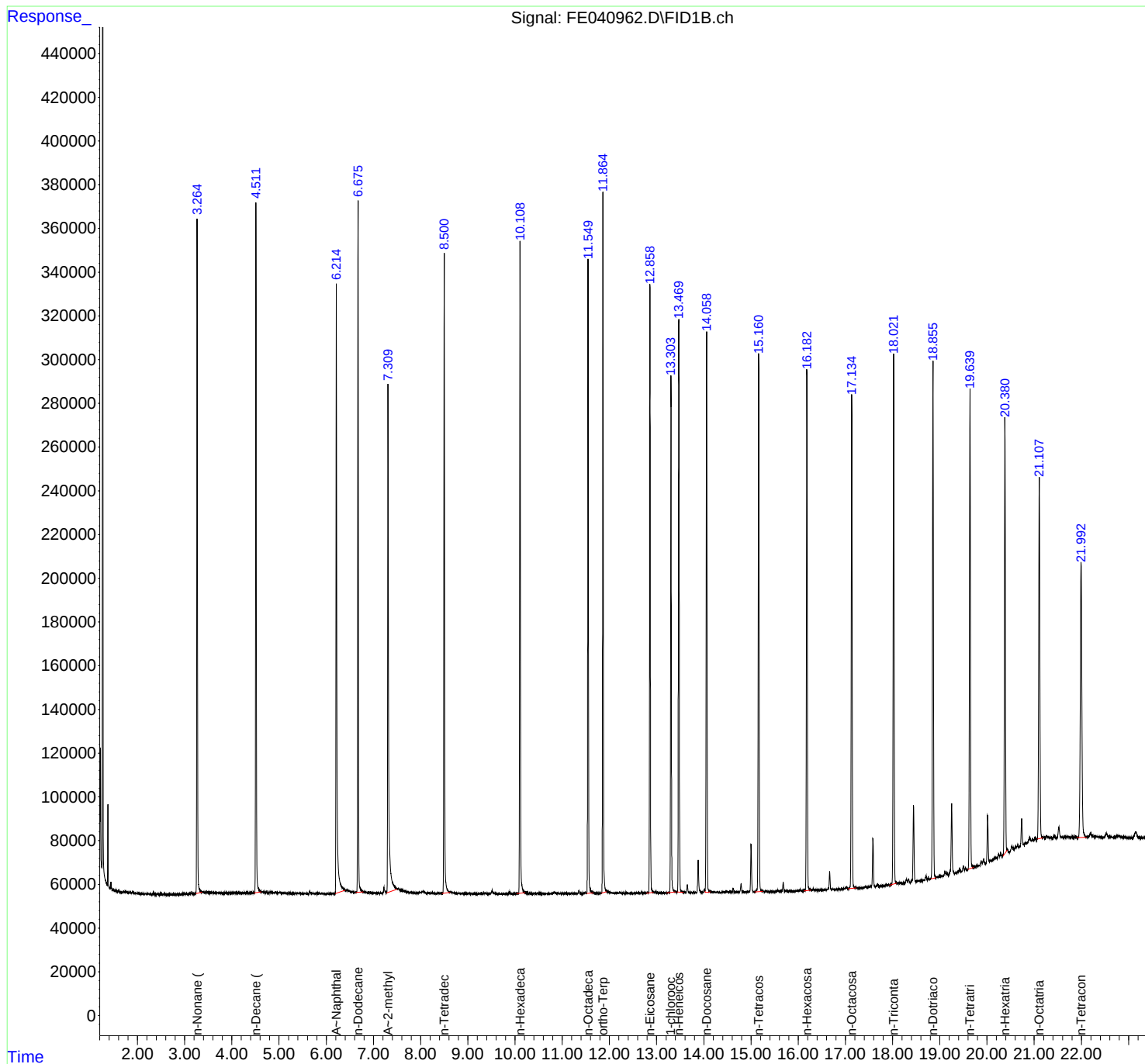
Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

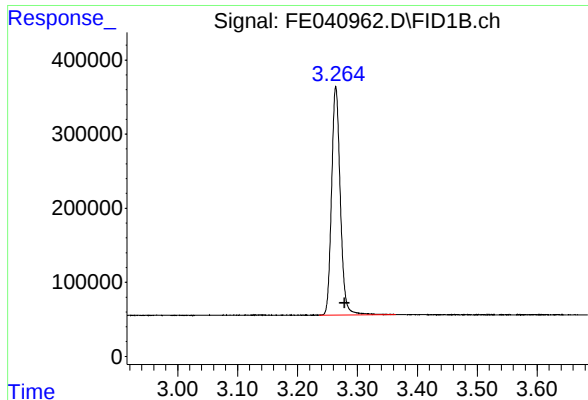
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023

Integration File: autoint1.e  
Quant Time: Mar 23 01:53:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022823.  
Quant Title : GC Extractables  
QLast Update : Tue Feb 28 03:05:09 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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





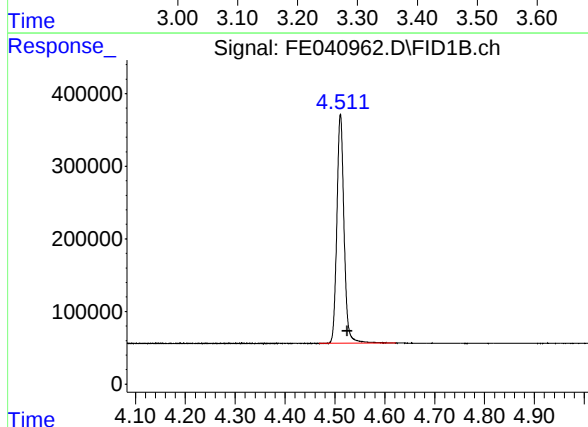
#1 n-Nonane (C9)

R.T.: 3.264 min  
Delta R.T.: -0.015 min  
Response: 3119496  
Conc: 20.27 ug/ml

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

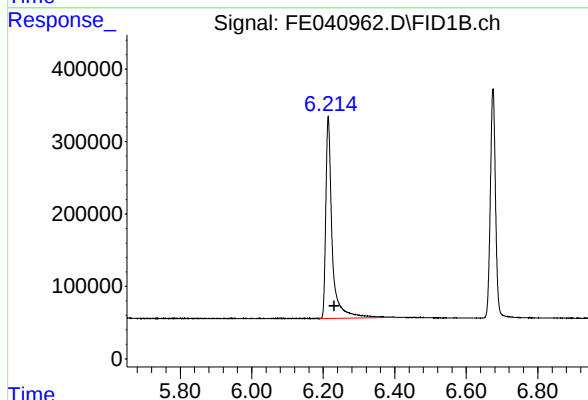
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023



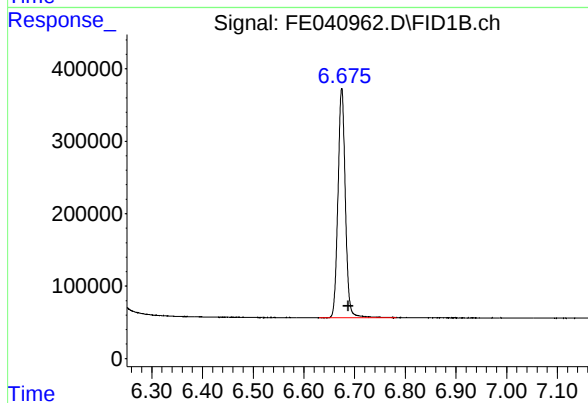
#2 n-Decane (C10)

R.T.: 4.511 min  
Delta R.T.: -0.014 min  
Response: 3169890  
Conc: 21.07 ug/ml



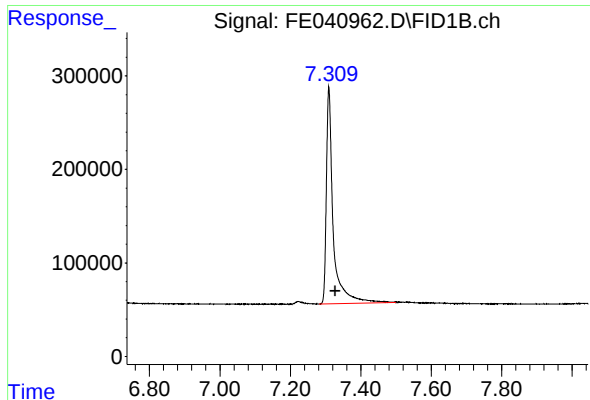
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min  
Delta R.T.: -0.017 min  
Response: 3456294  
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.675 min  
Delta R.T.: -0.013 min  
Response: 3206448  
Conc: 20.95 ug/ml



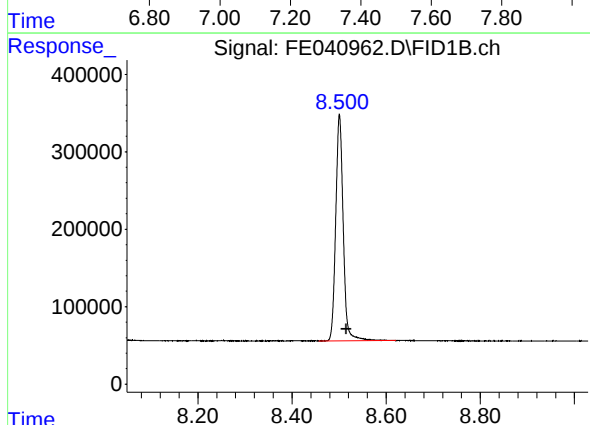
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.310 min  
Delta R.T.: -0.019 min  
Response: 3147557  
Conc: 20.80 ug/ml

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

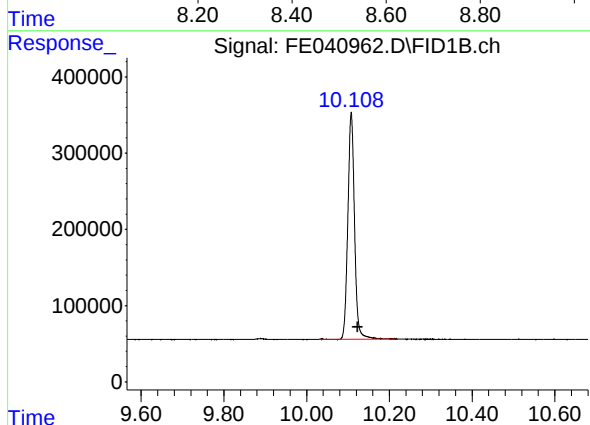
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023



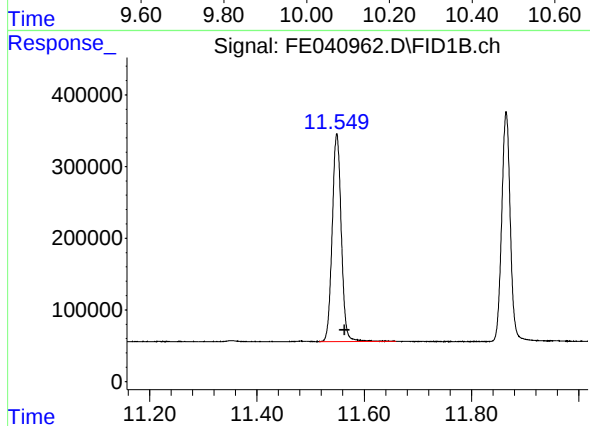
#6 n-Tetradecane (C14)

R.T.: 8.501 min  
Delta R.T.: -0.014 min  
Response: 3233260  
Conc: 20.92 ug/ml



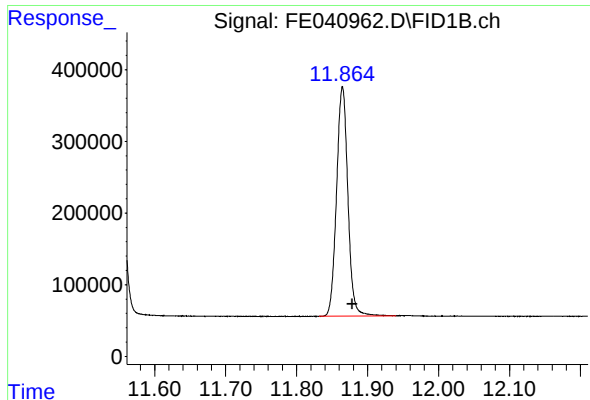
#7 n-Hexadecane (C16)

R.T.: 10.108 min  
Delta R.T.: -0.015 min  
Response: 3327453  
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.549 min  
Delta R.T.: -0.014 min  
Response: 3409873  
Conc: 20.08 ug/ml



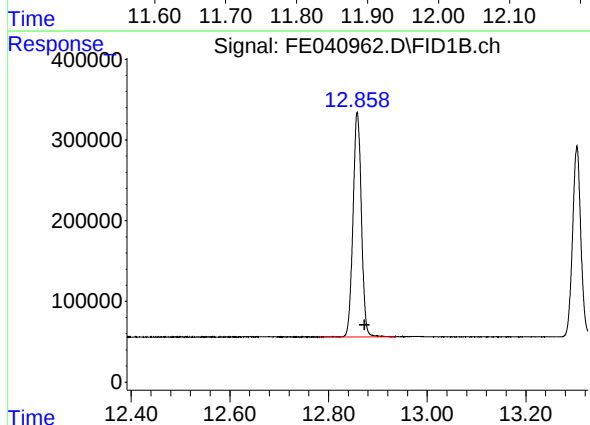
#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min  
Delta R.T.: -0.014 min  
Response: 3545817  
Conc: 18.98 ug/ml

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

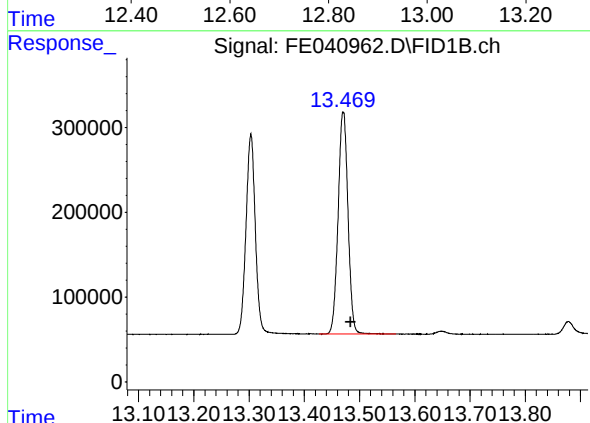
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023



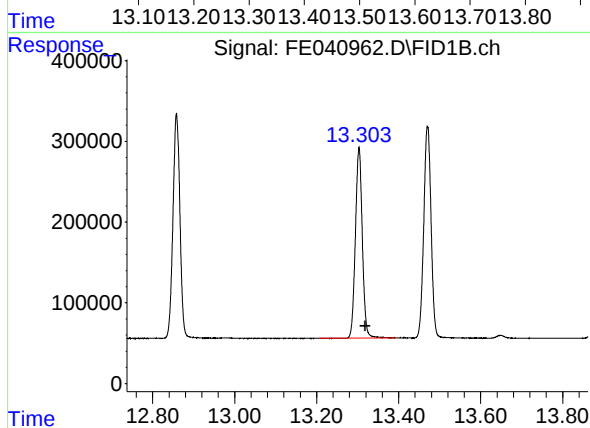
#10 n-Eicosane (C20)

R.T.: 12.858 min  
Delta R.T.: -0.015 min  
Response: 3278098  
Conc: 19.38 ug/ml



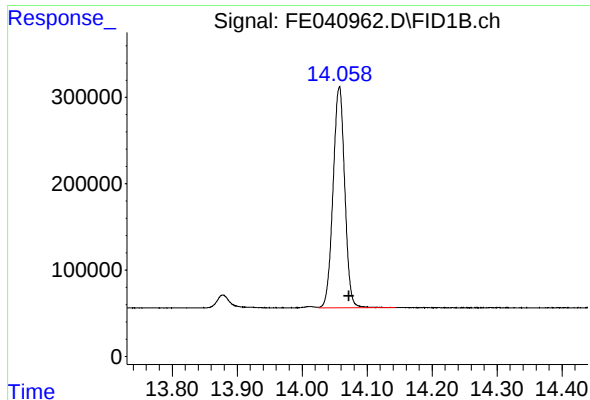
#11 n-Heneicosane (C21)

R.T.: 13.471 min  
Delta R.T.: -0.014 min  
Response: 3253130  
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min  
Delta R.T.: -0.015 min  
Response: 2761822  
Conc: 18.66 ug/ml



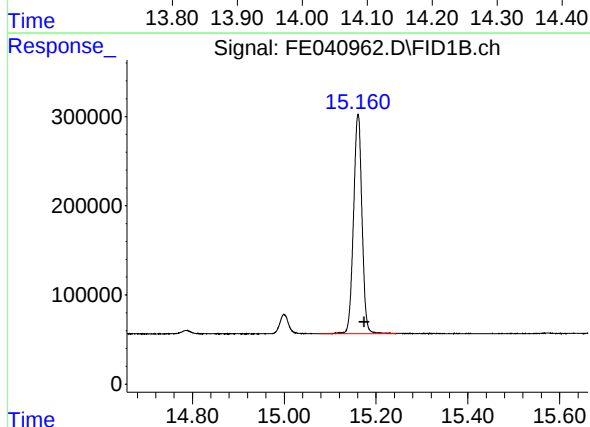
#13 n-Docosane (C22)

R.T.: 14.057 min  
Delta R.T.: -0.014 min  
Response: 3199001  
Conc: 18.67 ug/ml

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

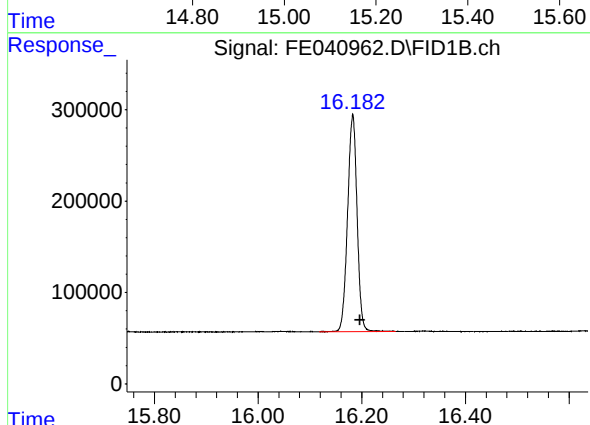
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023



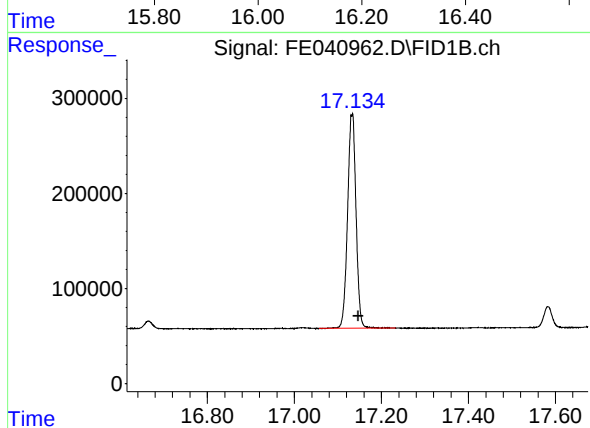
#14 n-Tetracosane (C24)

R.T.: 15.161 min  
Delta R.T.: -0.013 min  
Response: 3146998  
Conc: 18.25 ug/ml



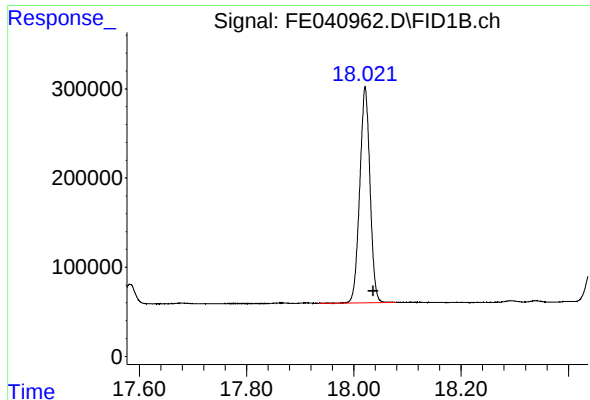
#15 n-Hexacosane (C26)

R.T.: 16.183 min  
Delta R.T.: -0.014 min  
Response: 3022864  
Conc: 17.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.133 min  
Delta R.T.: -0.014 min  
Response: 3054885  
Conc: 18.22 ug/ml



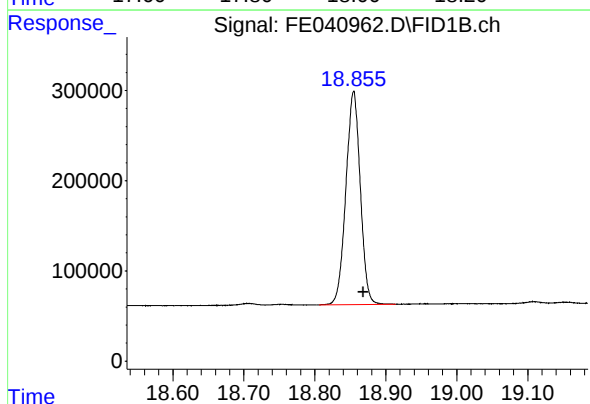
#17 n-Tricontane (C30)

R.T.: 18.021 min  
Delta R.T.: -0.015 min  
Response: 3207986  
Conc: 19.65 ug/ml

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

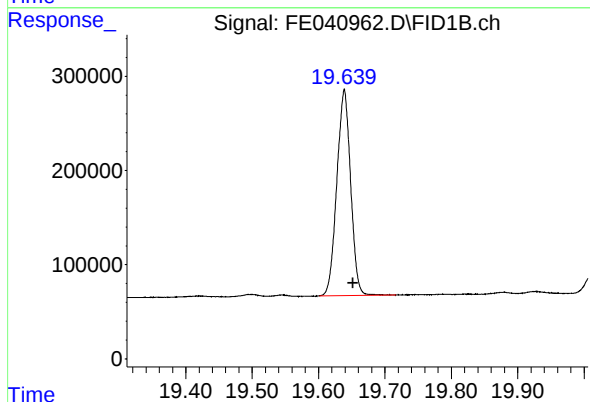
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023



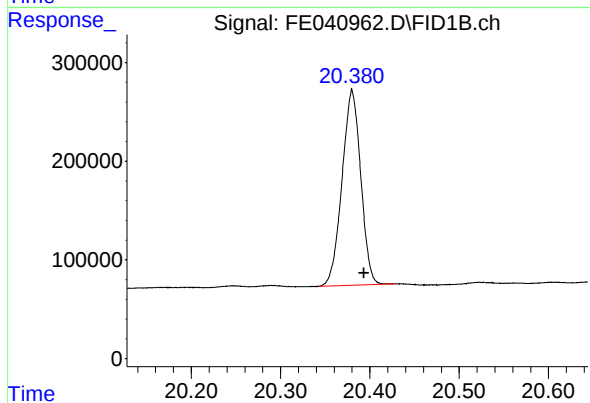
#18 n-Dotriacontane (C32)

R.T.: 18.855 min  
Delta R.T.: -0.013 min  
Response: 3337437  
Conc: 19.50 ug/ml



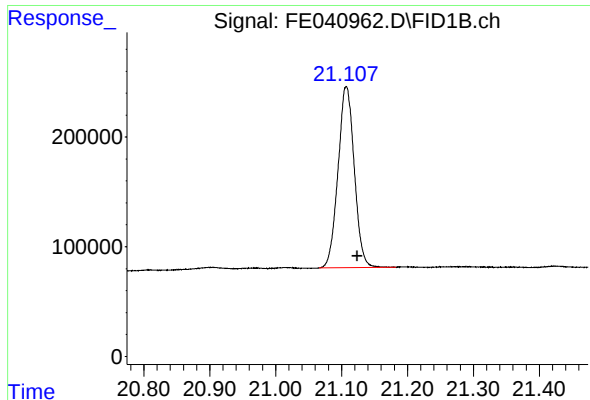
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min  
Delta R.T.: -0.013 min  
Response: 3164409  
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min  
Delta R.T.: -0.014 min  
Response: 2886635  
Conc: 19.87 ug/ml m



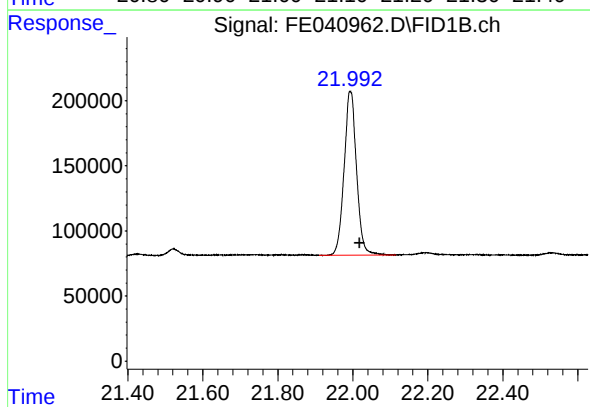
#21 n-Octatriacontane (C38)

R.T.: 21.107 min  
Delta R.T.: -0.017 min  
Response: 2831801  
Conc: 20.60 ug/ml

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/23/2023  
Supervised By :Ankita Jodhani 03/23/2023



#22 n-Tetracontane (C40)

R.T.: 21.993 min  
Delta R.T.: -0.026 min  
Response: 2889778  
Conc: 18.70 ug/ml