

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071124AL\  
 Data File : FC066749.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Jul 2024 07:10  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e  
 Quant Time: Jul 12 02:51:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 17 13:44:39 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)    | 11.527 | 3099039    | 17.967 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.93%        |
| 12) S 1-chlorooctadecane (S... | 12.966 | 2212980    | 16.038 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.08%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.287  | 2757872    | 18.981 ug/ml  |
| 2) T n-Decane (C10)            | 4.355  | 2939670    | 19.708 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.938  | 3174153    | 19.550 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.375  | 2971137    | 19.604 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.995  | 3048507    | 19.189 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.170  | 2914096    | 19.211 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.771  | 2984211    | 18.630 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.213 | 2983987    | 17.984 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.521 | 2814644    | 17.314 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.134 | 2745315    | 17.039 ug/ml  |
| 13) T n-Docosane (C22)         | 13.720 | 2723883    | 16.990 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.823 | 2698526    | 17.003 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.843 | 2641211    | 17.297 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.793 | 2660075    | 18.441 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.680 | 2843975    | 20.356 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.512 | 2821942    | 21.383 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.296 | 2585832    | 20.908 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.036 | 2289735    | 18.999 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.764 | 2107444    | 18.430 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.663 | 1811666    | 16.131 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071124AL\  
Data File : FC066749.D  
Signal(s) : FID1A.ch  
Acq On : 11 Jul 2024 07:10  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

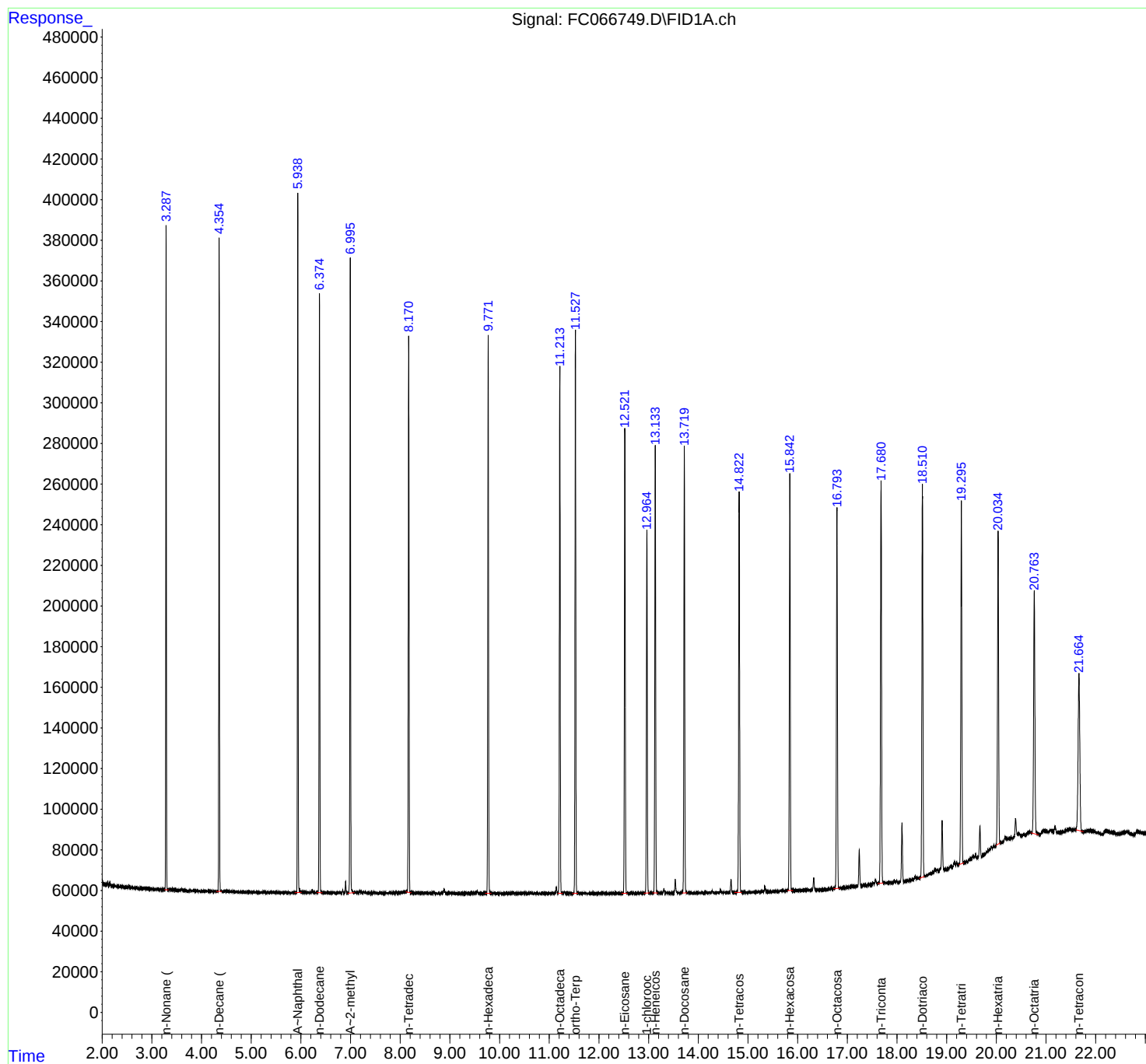
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

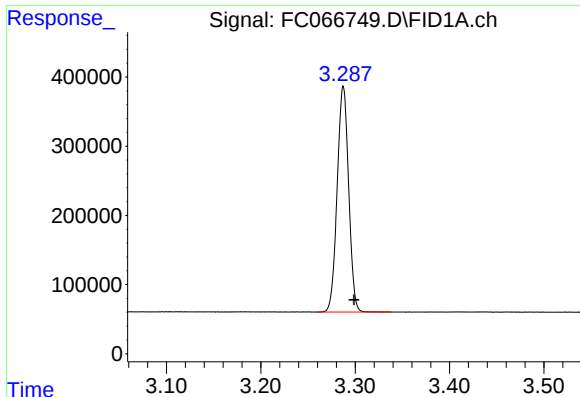
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e  
Quant Time: Jul 12 02:51:04 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061724.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 17 13:44:39 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





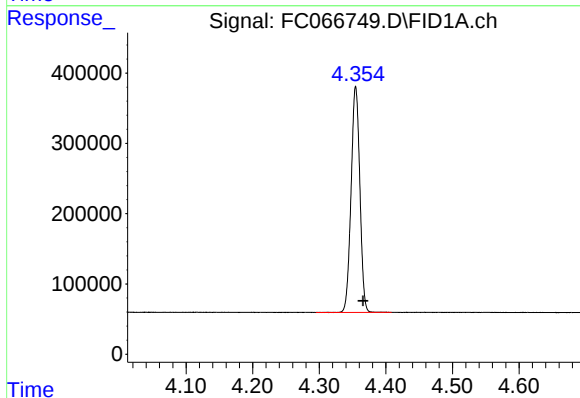
#1 n-Nonane (C9)

R.T.: 3.287 min  
Delta R.T.: -0.012 min  
Response: 2757872  
Conc: 18.98 ug/ml

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

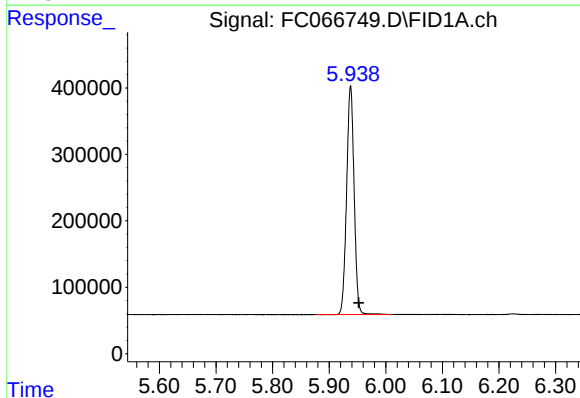
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024



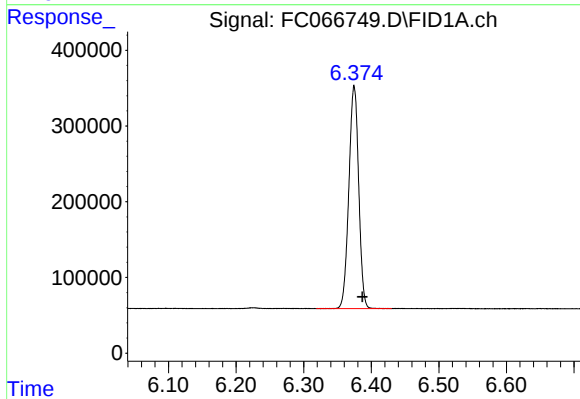
#2 n-Decane (C10)

R.T.: 4.355 min  
Delta R.T.: -0.011 min  
Response: 2939670  
Conc: 19.71 ug/ml



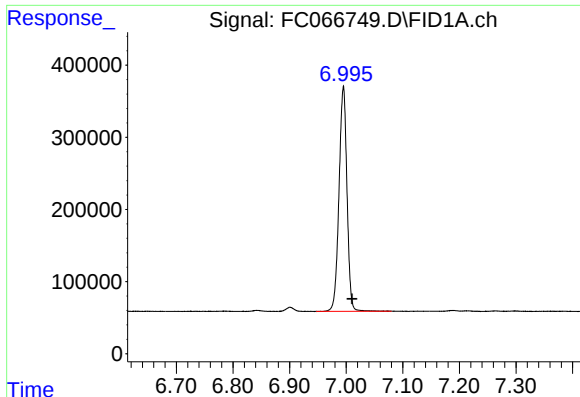
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min  
Delta R.T.: -0.015 min  
Response: 3174153  
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.375 min  
Delta R.T.: -0.012 min  
Response: 2971137  
Conc: 19.60 ug/ml



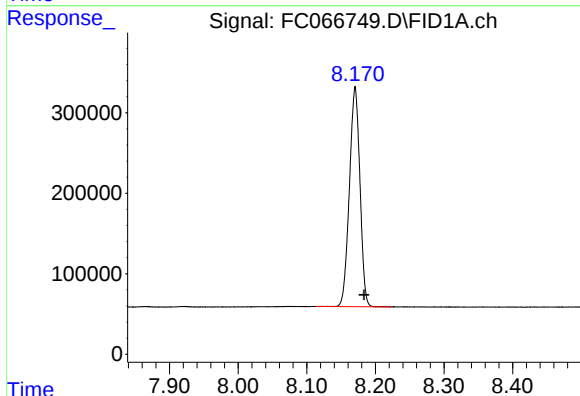
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min  
Delta R.T.: -0.015 min  
Response: 3048507  
Conc: 19.19 ug/ml

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

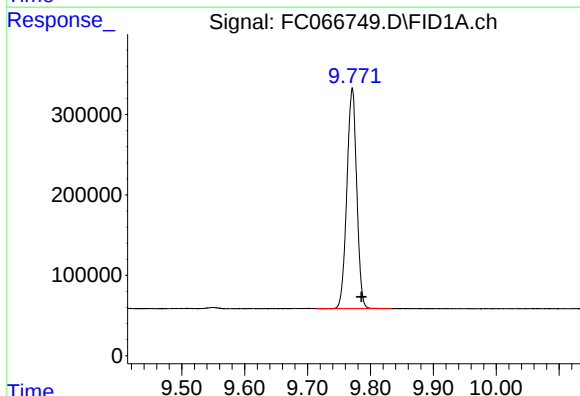
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024



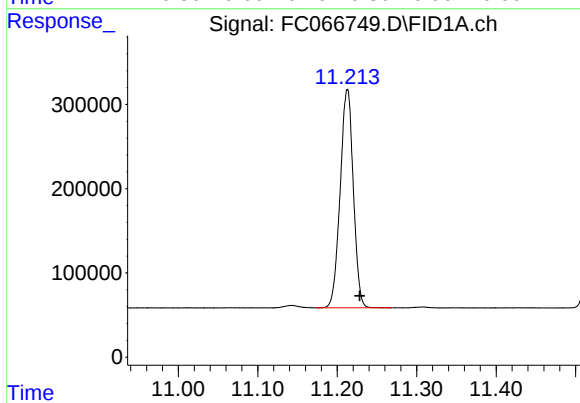
#6 n-Tetradecane (C14)

R.T.: 8.170 min  
Delta R.T.: -0.013 min  
Response: 2914096  
Conc: 19.21 ug/ml



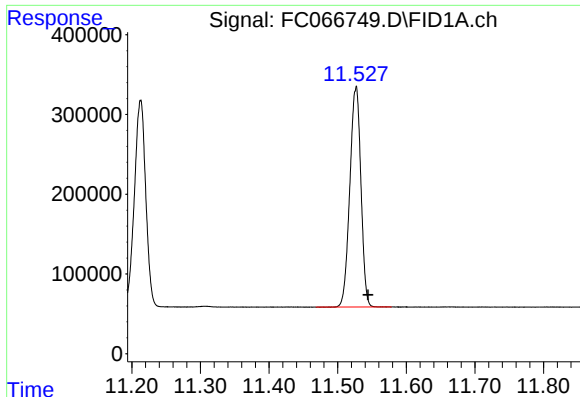
#7 n-Hexadecane (C16)

R.T.: 9.771 min  
Delta R.T.: -0.015 min  
Response: 2984211  
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.213 min  
Delta R.T.: -0.016 min  
Response: 2983987  
Conc: 17.98 ug/ml



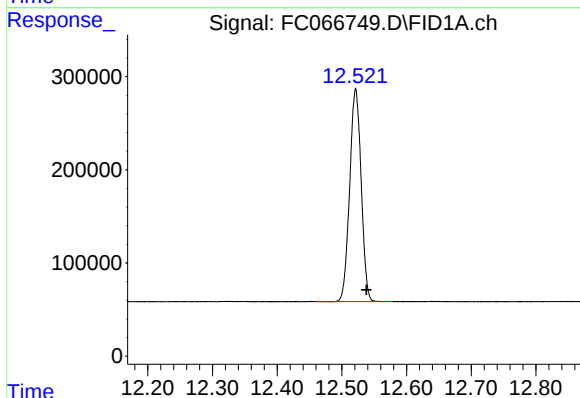
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min  
Delta R.T.: -0.018 min  
Response: 3099039  
Conc: 17.97 ug/ml

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

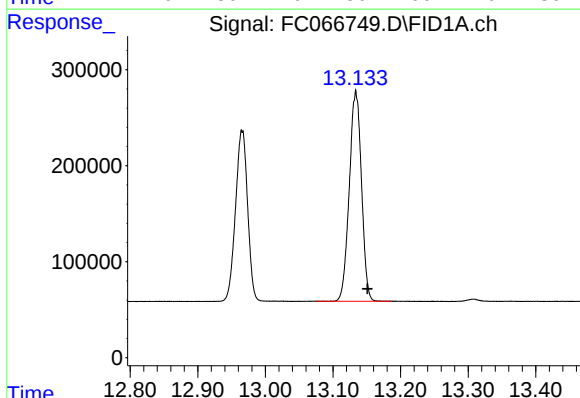
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024



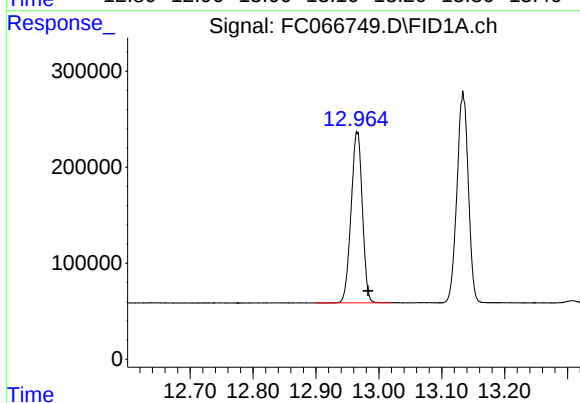
#10 n-Eicosane (C20)

R.T.: 12.521 min  
Delta R.T.: -0.017 min  
Response: 2814644  
Conc: 17.31 ug/ml



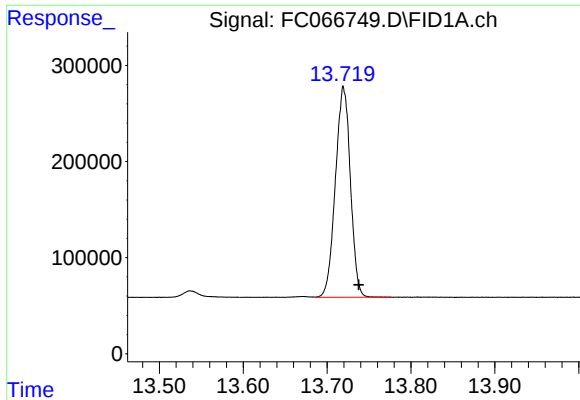
#11 n-Heneicosane (C21)

R.T.: 13.134 min  
Delta R.T.: -0.017 min  
Response: 2745315  
Conc: 17.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min  
Delta R.T.: -0.017 min  
Response: 2212980  
Conc: 16.04 ug/ml



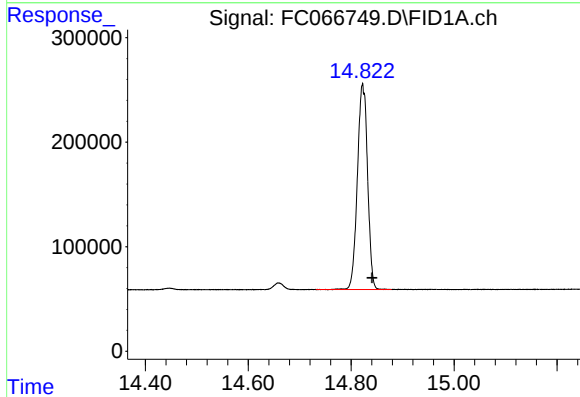
#13 n-Docosane (C22)

R.T.: 13.720 min  
Delta R.T.: -0.018 min  
Response: 2723883  
Conc: 16.99 ug/ml

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

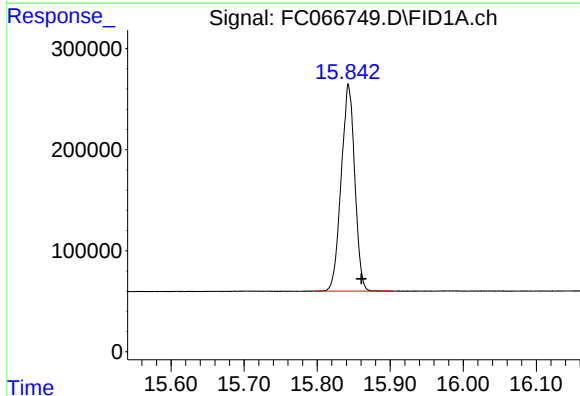
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024



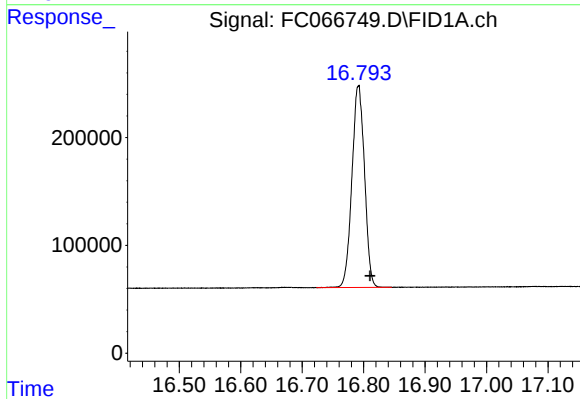
#14 n-Tetracosane (C24)

R.T.: 14.823 min  
Delta R.T.: -0.018 min  
Response: 2698526  
Conc: 17.00 ug/ml



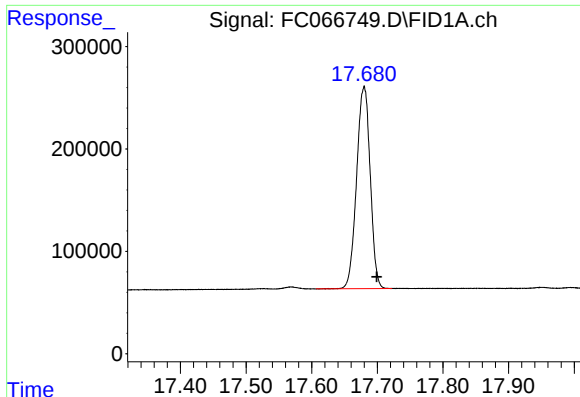
#15 n-Hexacosane (C26)

R.T.: 15.843 min  
Delta R.T.: -0.018 min  
Response: 2641211  
Conc: 17.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.793 min  
Delta R.T.: -0.018 min  
Response: 2660075  
Conc: 18.44 ug/ml m



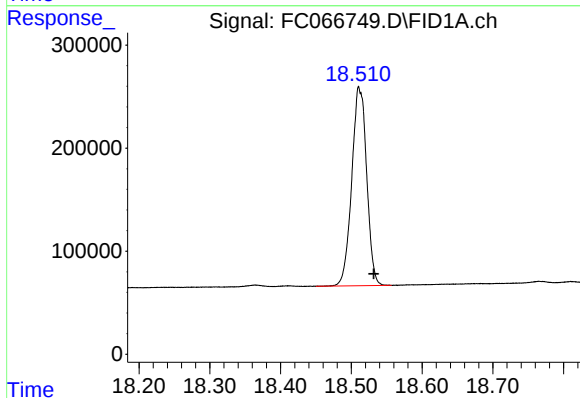
#17 n-Tricontane (C30)

R.T.: 17.680 min  
Delta R.T.: -0.019 min  
Response: 2843975  
Conc: 20.36 ug/ml

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

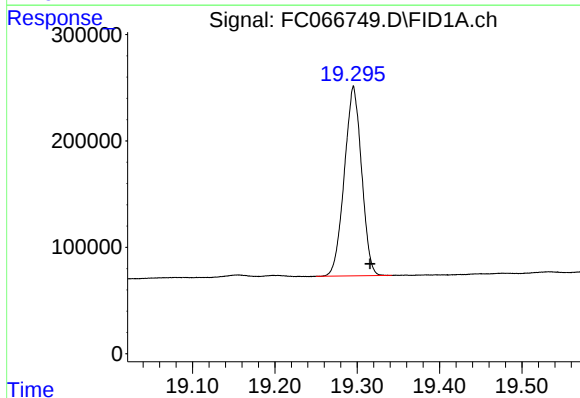
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024



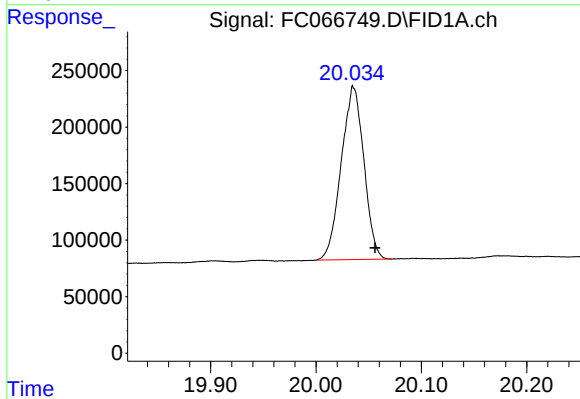
#18 n-Dotriacontane (C32)

R.T.: 18.512 min  
Delta R.T.: -0.020 min  
Response: 2821942  
Conc: 21.38 ug/ml



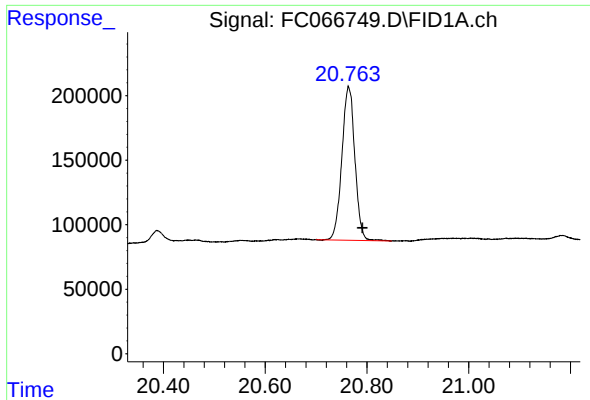
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min  
Delta R.T.: -0.020 min  
Response: 2585832  
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.036 min  
Delta R.T.: -0.020 min  
Response: 2289735  
Conc: 19.00 ug/ml



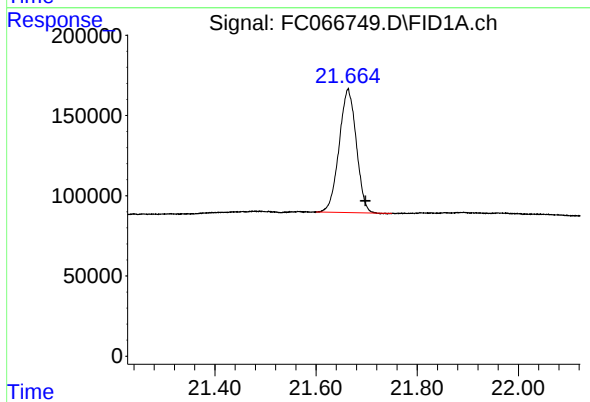
#21 n-Octatriacontane (C38)

R.T.: 20.764 min  
Delta R.T.: -0.027 min  
Response: 2107444  
Conc: 18.43 ug/ml

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024



#22 n-Tetracontane (C40)

R.T.: 21.663 min  
Delta R.T.: -0.034 min  
Response: 1811666  
Conc: 16.13 ug/ml