

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060623AL\  
 Data File : FC063750.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Jun 2023 09:06  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 06 13:17:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:12:33 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)    | 11.538 | 3588097    | 19.662 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.32%       |
| 12) S 1-chlorooctadecane (S... | 12.973 | 2538266    | 19.865 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.73%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.314  | 3231705    | 20.276 ug/ml |
| 2) T n-Decane (C10)            | 4.378  | 3274653    | 20.258 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.961  | 3401606    | 19.580 ug/ml |
| 4) T n-Dodecane (C12)          | 6.394  | 3263224    | 19.957 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.017  | 3232137    | 19.730 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.187  | 3155276    | 20.063 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.785  | 3174159    | 19.946 ug/ml |
| 8) T n-Octadecane (C18)        | 11.223 | 3131161    | 19.789 ug/ml |
| 10) T n-Eicosane (C20)         | 12.529 | 2952227    | 19.962 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.139 | 2864497    | 19.900 ug/ml |
| 13) T n-Docosane (C22)         | 13.724 | 2813598    | 19.973 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.824 | 2754537    | 20.074 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.843 | 2682523    | 20.231 ug/ml |
| 16) T n-Octacosane (C28)       | 16.790 | 2635624    | 20.757 ug/ml |
| 17) T n-Tricontane (C30)       | 17.674 | 2738088    | 21.431 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.505 | 2734724    | 21.977 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.287 | 2672255    | 21.673 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.025 | 2559340    | 21.324 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.754 | 2606439    | 21.589 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.646 | 2582514    | 21.313 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

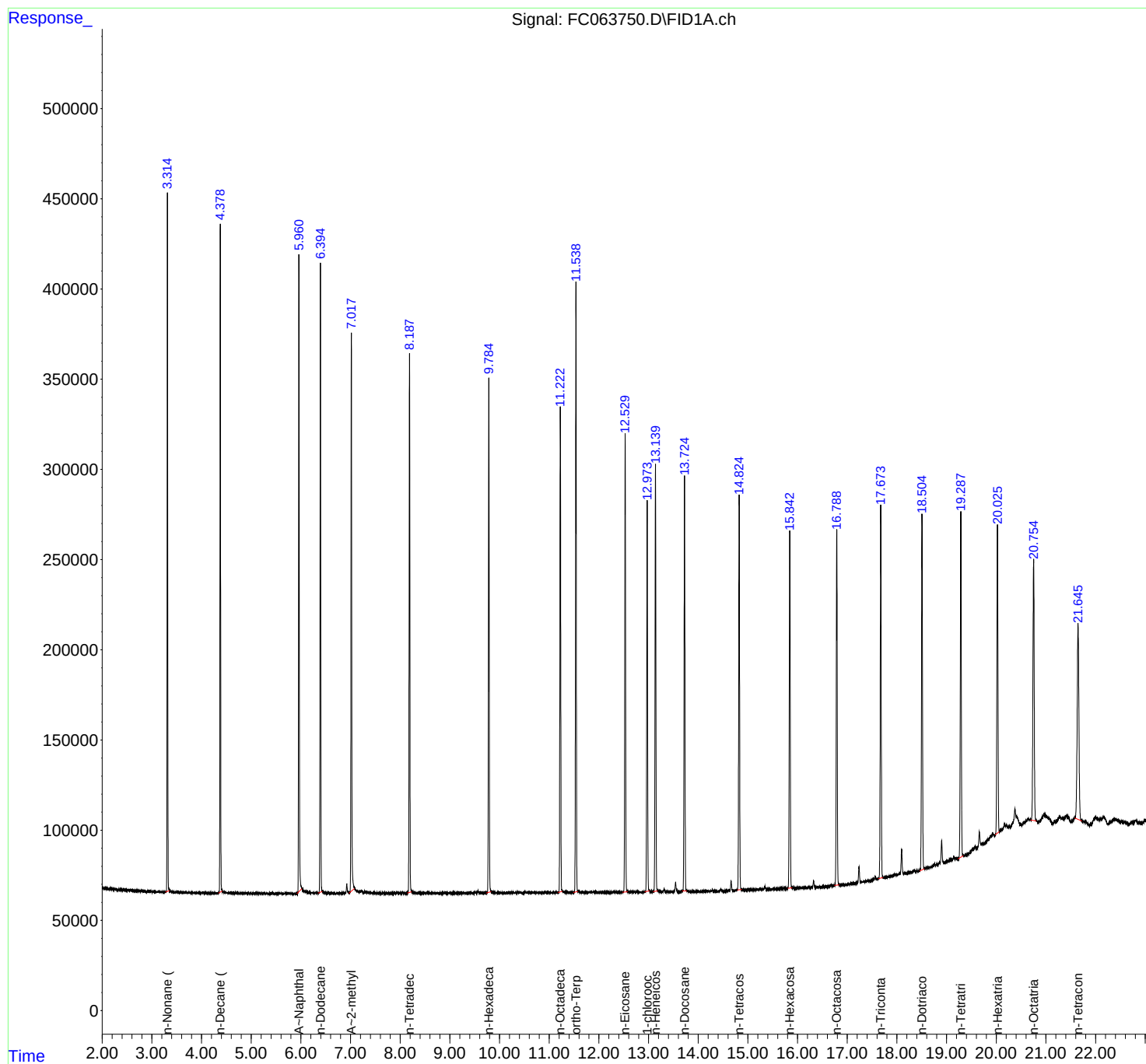
(m)=manual int.

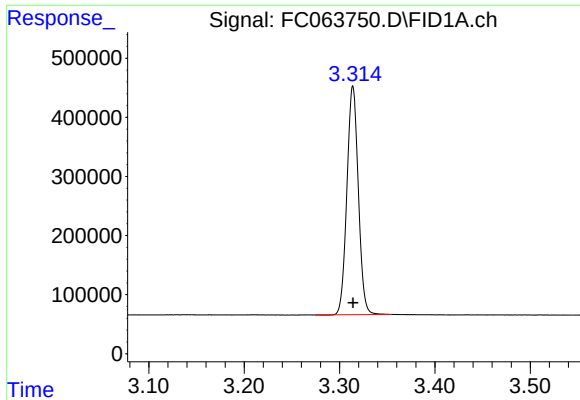
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060623AL\  
Data File : FC063750.D  
Signal(s) : FID1A.ch  
Acq On : 06 Jun 2023 09:06  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
Quant Title : GC Extractables  
QLast Update : Sat May 27 06:12:33 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

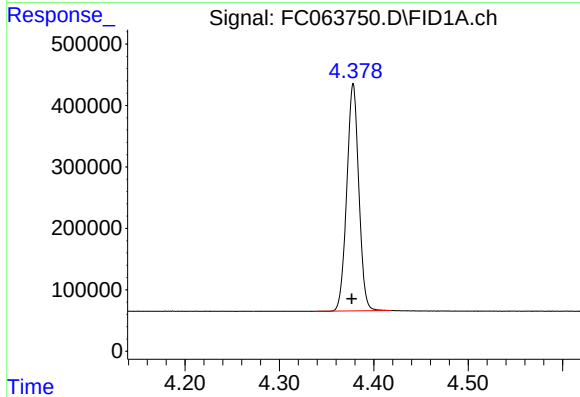




#1 n-Nonane (C9)

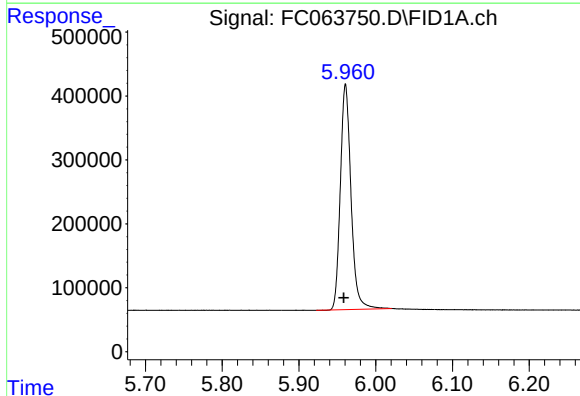
R.T.: 3.314 min  
Delta R.T.: 0.000 min  
Response: 3231705  
Conc: 20.28 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



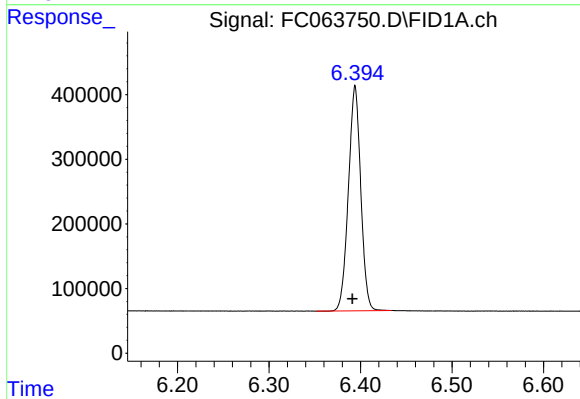
#2 n-Decane (C10)

R.T.: 4.378 min  
Delta R.T.: 0.002 min  
Response: 3274653  
Conc: 20.26 ug/ml



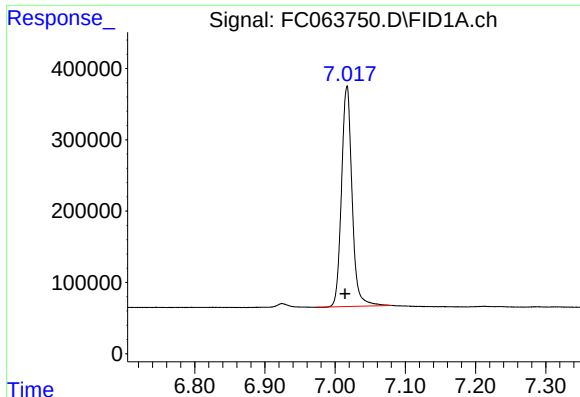
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min  
Delta R.T.: 0.002 min  
Response: 3401606  
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

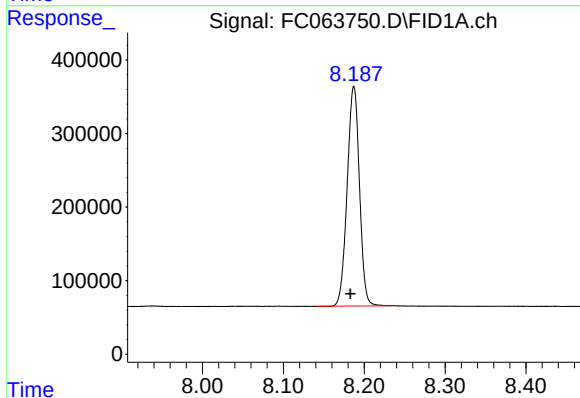
R.T.: 6.394 min  
Delta R.T.: 0.003 min  
Response: 3263224  
Conc: 19.96 ug/ml



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

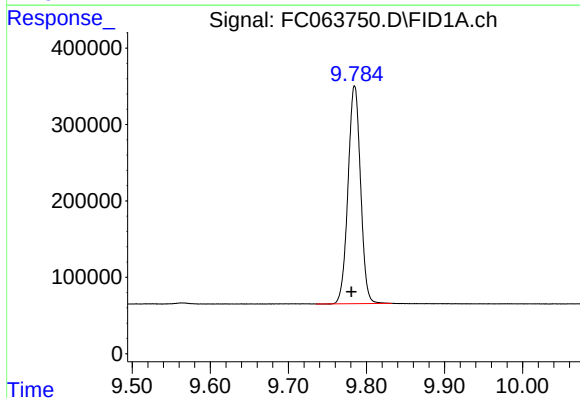
R.T.: 7.017 min  
Delta R.T.: 0.003 min  
Response: 3232137  
Conc: 19.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



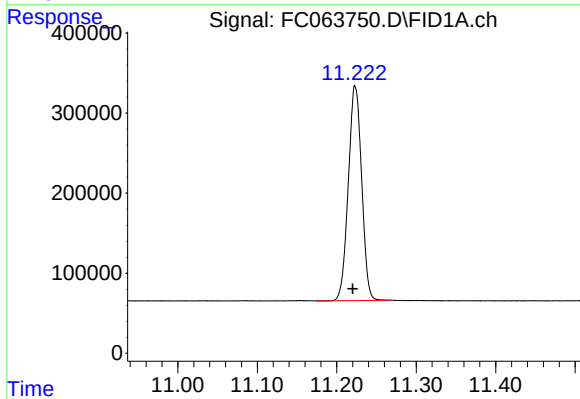
#6 n-Tetradecane (C14)

R.T.: 8.187 min  
Delta R.T.: 0.004 min  
Response: 3155276  
Conc: 20.06 ug/ml



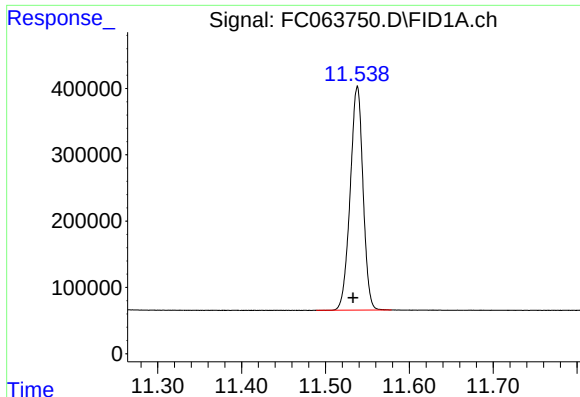
#7 n-Hexadecane (C16)

R.T.: 9.785 min  
Delta R.T.: 0.004 min  
Response: 3174159  
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

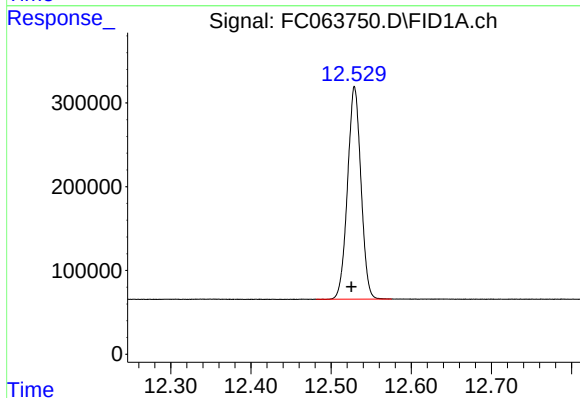
R.T.: 11.223 min  
Delta R.T.: 0.003 min  
Response: 3131161  
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

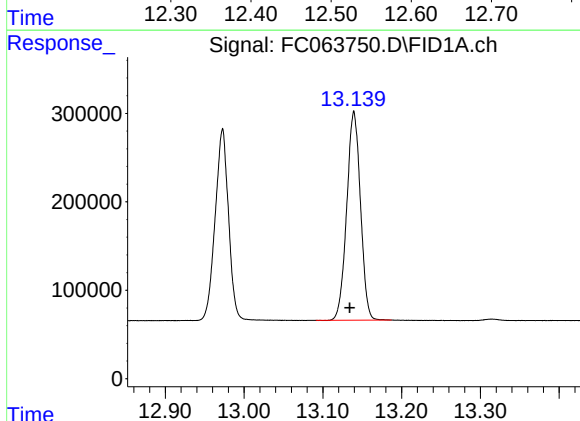
R.T.: 11.538 min  
Delta R.T.: 0.005 min  
Response: 3588097  
Conc: 19.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



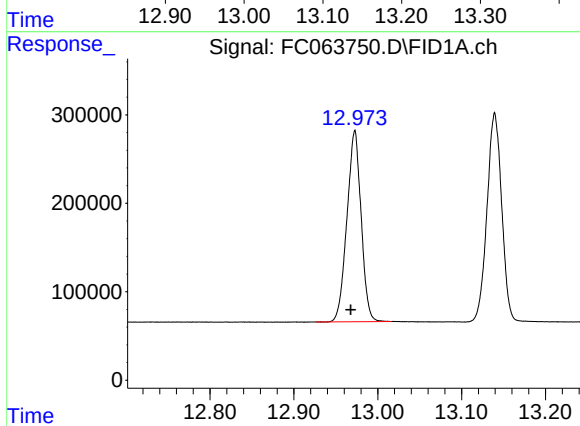
#10 n-Eicosane (C20)

R.T.: 12.529 min  
Delta R.T.: 0.004 min  
Response: 2952227  
Conc: 19.96 ug/ml



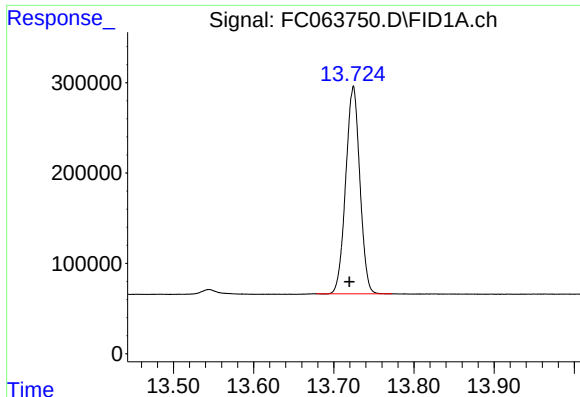
#11 n-Heneicosane (C21)

R.T.: 13.139 min  
Delta R.T.: 0.005 min  
Response: 2864497  
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

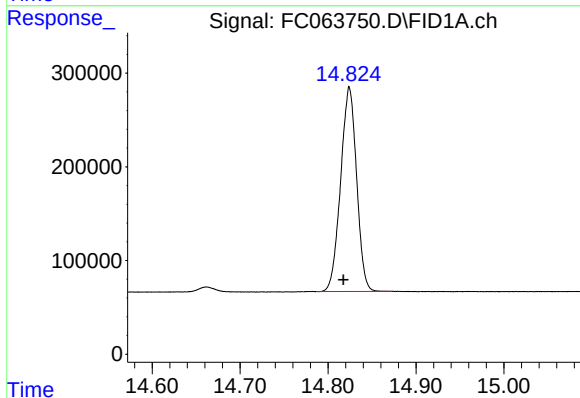
R.T.: 12.973 min  
Delta R.T.: 0.005 min  
Response: 2538266  
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

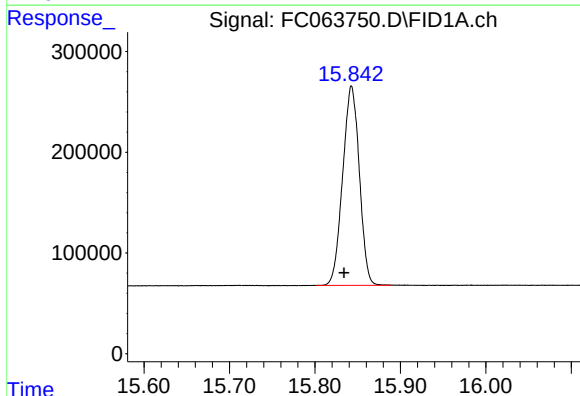
R.T.: 13.724 min  
Delta R.T.: 0.005 min  
Response: 2813598  
Conc: 19.97 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



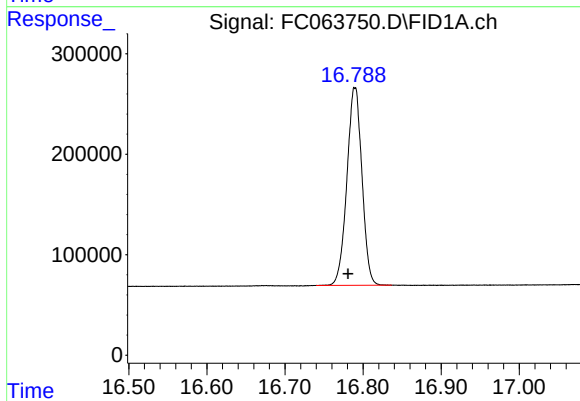
#14 n-Tetracosane (C24)

R.T.: 14.824 min  
Delta R.T.: 0.007 min  
Response: 2754537  
Conc: 20.07 ug/ml



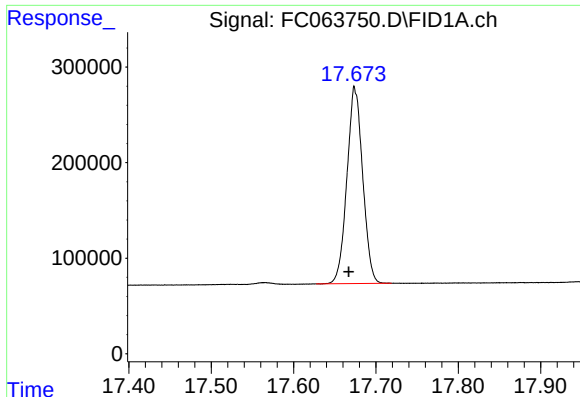
#15 n-Hexacosane (C26)

R.T.: 15.843 min  
Delta R.T.: 0.009 min  
Response: 2682523  
Conc: 20.23 ug/ml



#16 n-Octacosane (C28)

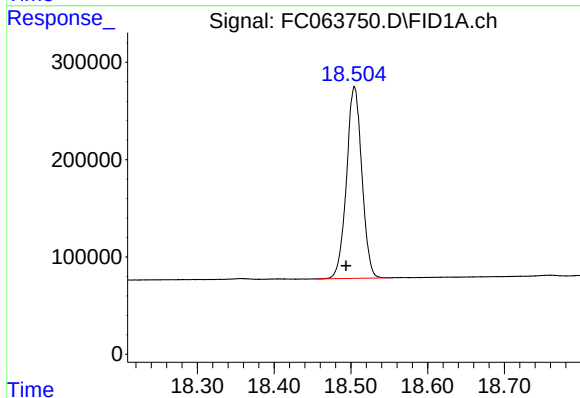
R.T.: 16.790 min  
Delta R.T.: 0.009 min  
Response: 2635624  
Conc: 20.76 ug/ml



#17 n-Tricontane (C30)

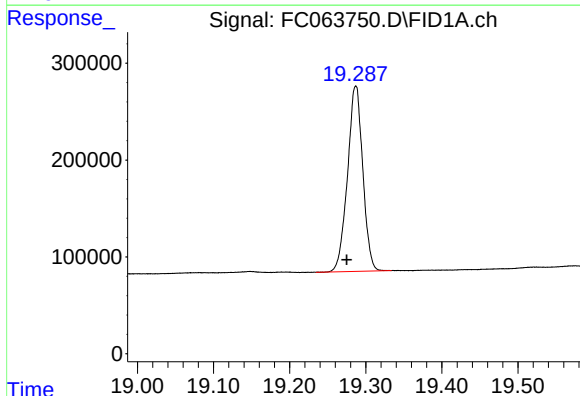
R.T.: 17.674 min  
Delta R.T.: 0.007 min  
Response: 2738088  
Conc: 21.43 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



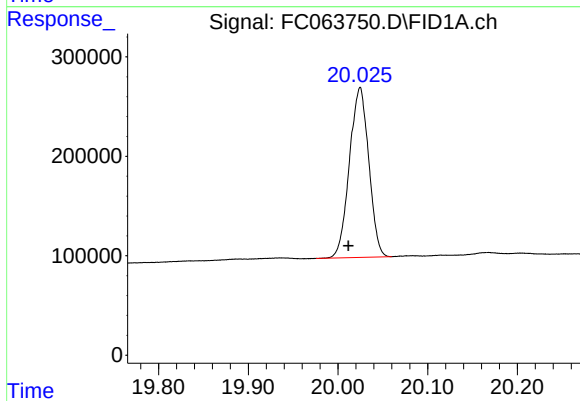
#18 n-Dotriacontane (C32)

R.T.: 18.505 min  
Delta R.T.: 0.011 min  
Response: 2734724  
Conc: 21.98 ug/ml



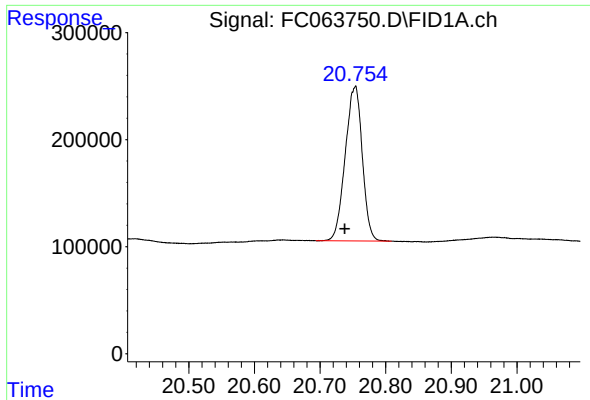
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min  
Delta R.T.: 0.012 min  
Response: 2672255  
Conc: 21.67 ug/ml



#20 n-Hexatriacontane (C36)

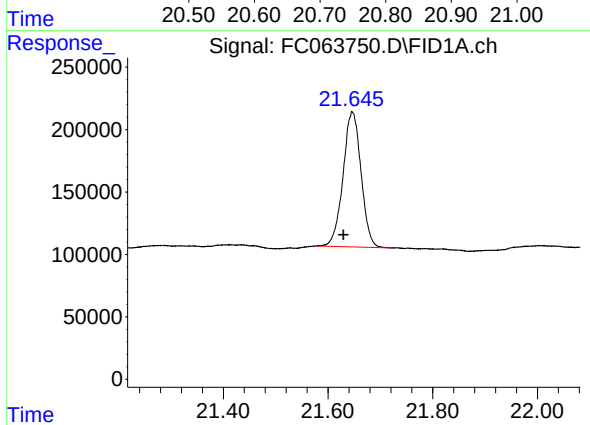
R.T.: 20.025 min  
Delta R.T.: 0.013 min  
Response: 2559340  
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min  
Delta R.T.: 0.016 min  
Response: 2606439  
Conc: 21.59 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.646 min  
Delta R.T.: 0.017 min  
Response: 2582514  
Conc: 21.31 ug/ml