

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092523AL\  
 Data File : FC064654.D  
 Signal(s) : FID1A.ch  
 Acq On : 25 Sep 2023 19:49  
 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: Sep 26 00:15:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:25:53 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)    | 11.520 | 4414370    | 21.816 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.63%       |
| 12) S 1-chlorooctadecane (S... | 12.951 | 3215050    | 22.073 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.15%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.290  | 15393      | 0.087 ug/ml  |
| 2) T n-Decane (C10)            | 4.381  | 3774103    | 21.008 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.960  | 3999980    | 21.292 ug/ml |
| 4) T n-Dodecane (C12)          | 6.390  | 3826669    | 21.067 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.014  | 3829267    | 21.472 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.178  | 3741894    | 21.088 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.772  | 3782033    | 21.040 ug/ml |
| 8) T n-Octadecane (C18)        | 11.207 | 3785670    | 20.909 ug/ml |
| 10) T n-Eicosane (C20)         | 12.509 | 3624540    | 21.278 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.118 | 3546815    | 21.415 ug/ml |
| 13) T n-Docosane (C22)         | 13.703 | 3487034    | 21.405 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.800 | 3369557    | 21.224 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.816 | 3225557    | 21.131 ug/ml |
| 16) T n-Octacosane (C28)       | 16.760 | 3132638    | 21.167 ug/ml |
| 17) T n-Tricontane (C30)       | 17.643 | 3183356    | 21.429 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.474 | 3157744    | 21.637 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.252 | 2993426    | 21.056 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.989 | 2874769    | 20.872 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.707 | 2779381    | 20.280 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.591 | 2698407    | 19.837 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

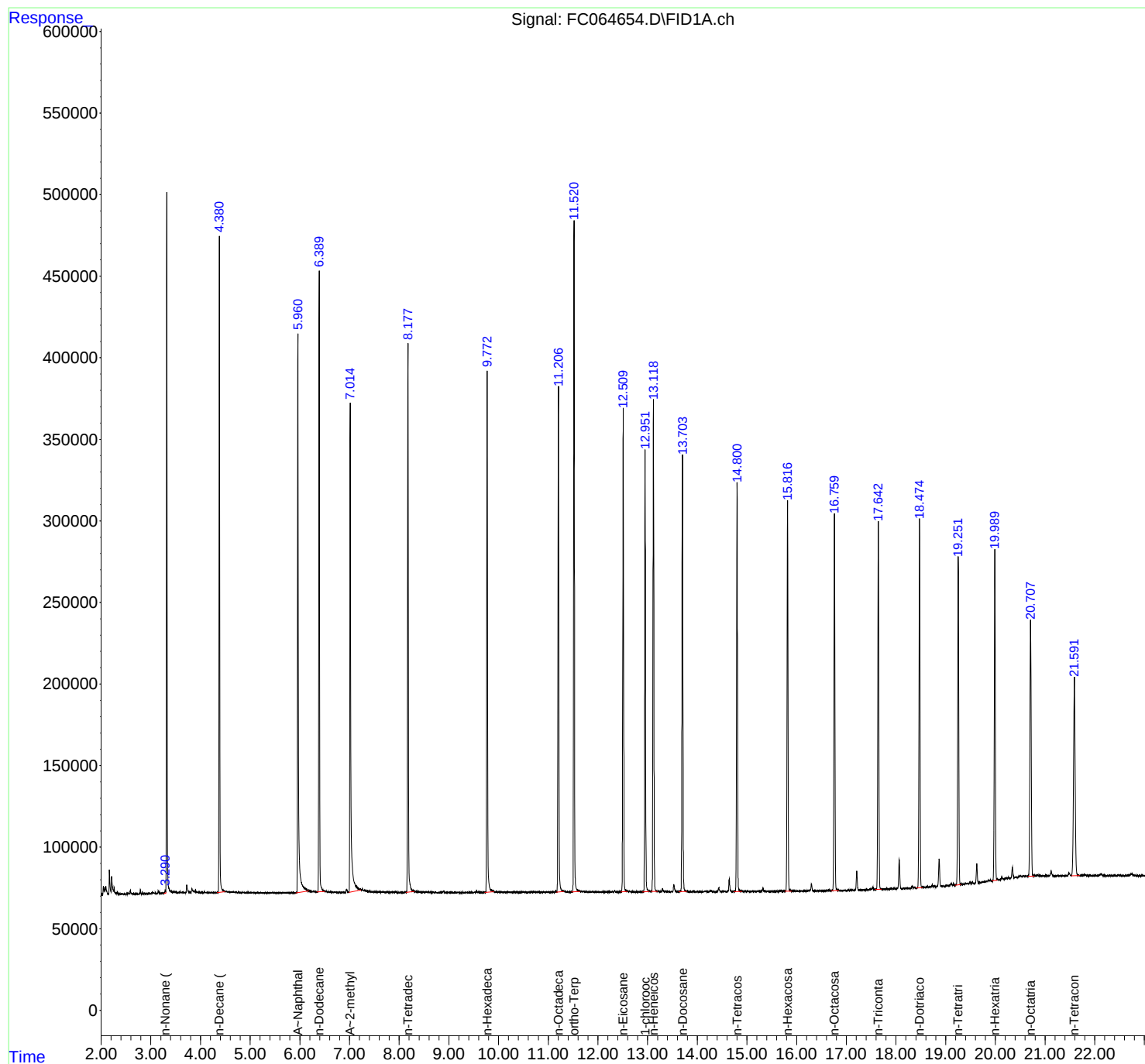
(m)=manual int.

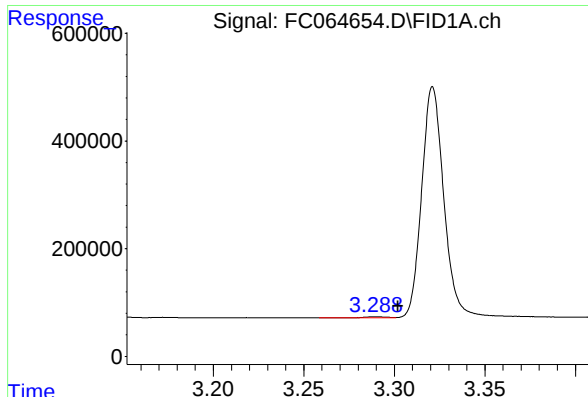
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092523AL\  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
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QLast Update : Fri Sep 15 01:25:53 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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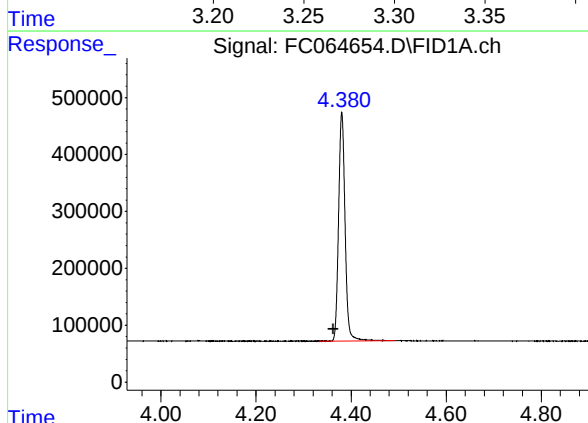




#1 n-Nonane (C9)

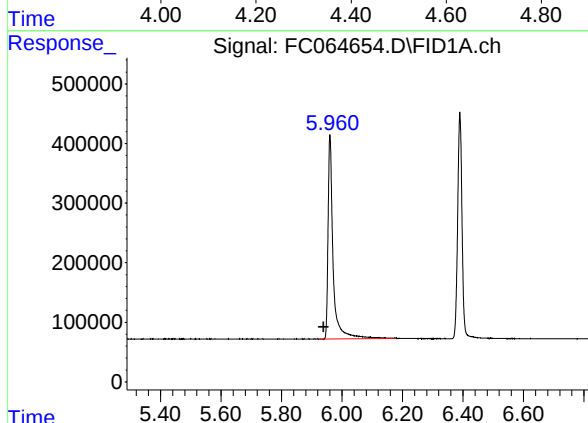
R.T.: 3.290 min  
Delta R.T.: -0.012 min  
Response: 15393  
Conc: 0.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



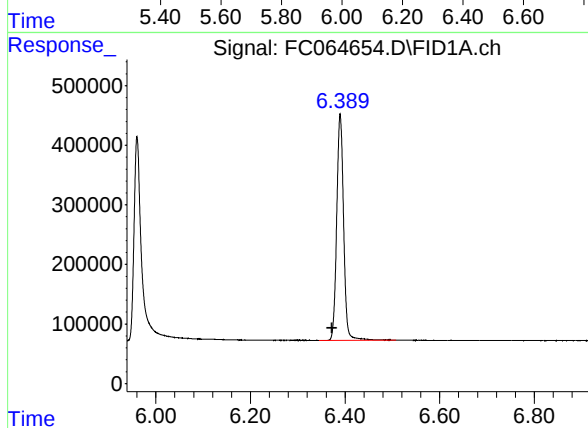
#2 n-Decane (C10)

R.T.: 4.381 min  
Delta R.T.: 0.018 min  
Response: 3774103  
Conc: 21.01 ug/ml



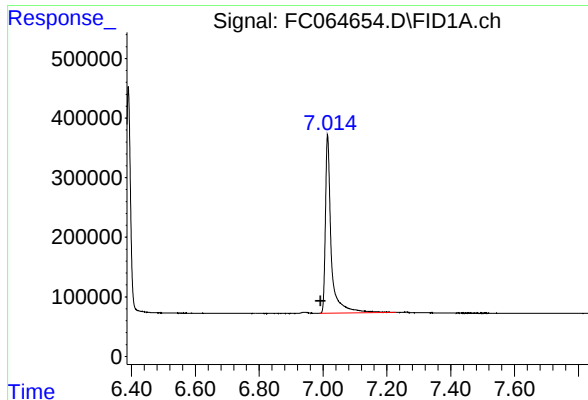
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min  
Delta R.T.: 0.021 min  
Response: 3999980  
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

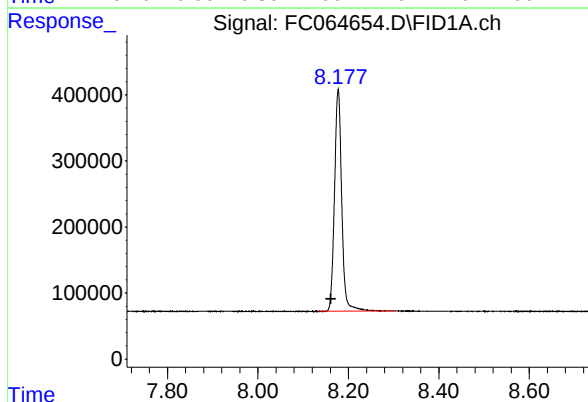
R.T.: 6.390 min  
Delta R.T.: 0.017 min  
Response: 3826669  
Conc: 21.07 ug/ml



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

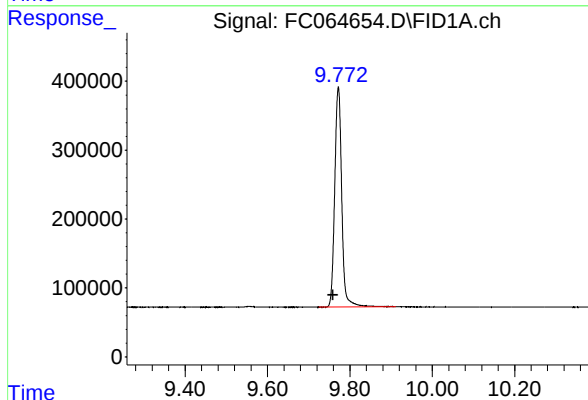
R.T.: 7.014 min  
Delta R.T.: 0.022 min  
Response: 3829267  
Conc: 21.47 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



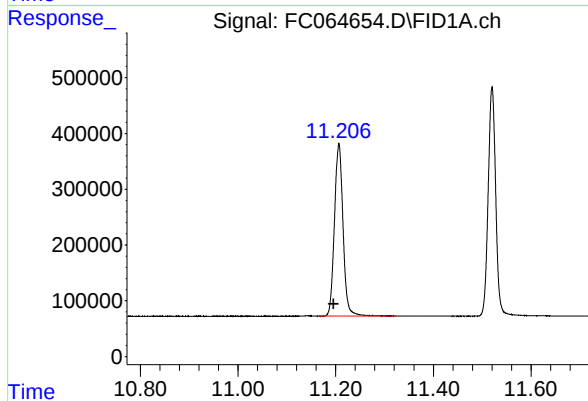
#6 n-Tetradecane (C14)

R.T.: 8.178 min  
Delta R.T.: 0.016 min  
Response: 3741894  
Conc: 21.09 ug/ml



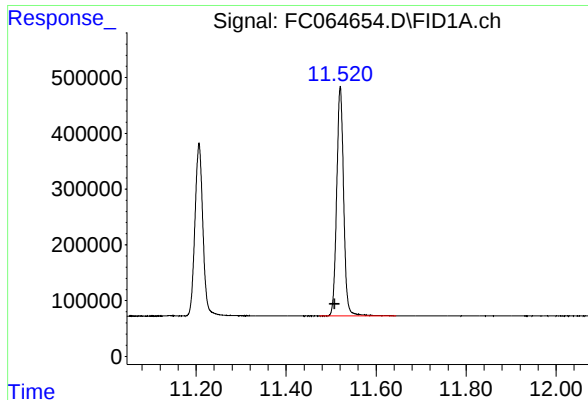
#7 n-Hexadecane (C16)

R.T.: 9.772 min  
Delta R.T.: 0.014 min  
Response: 3782033  
Conc: 21.04 ug/ml



#8 n-Octadecane (C18)

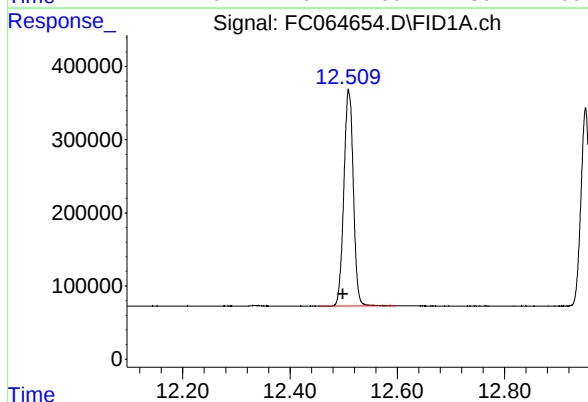
R.T.: 11.207 min  
Delta R.T.: 0.011 min  
Response: 3785670  
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

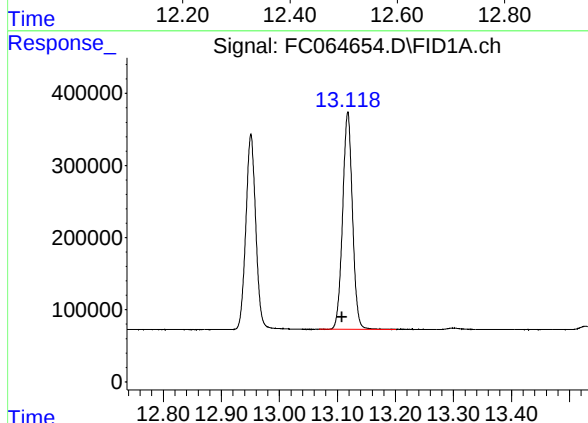
R.T.: 11.520 min  
Delta R.T.: 0.012 min  
Response: 4414370  
Conc: 21.82 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



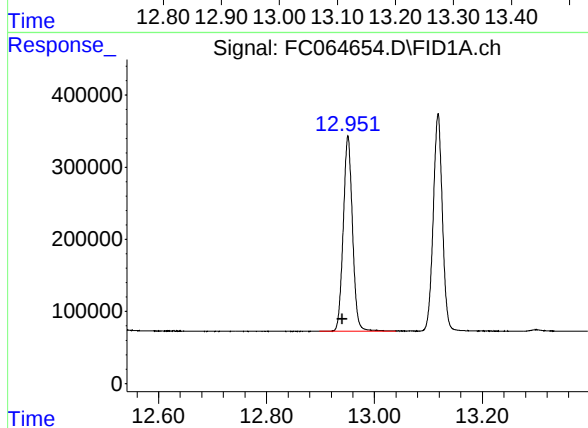
#10 n-Eicosane (C20)

R.T.: 12.509 min  
Delta R.T.: 0.010 min  
Response: 3624540  
Conc: 21.28 ug/ml



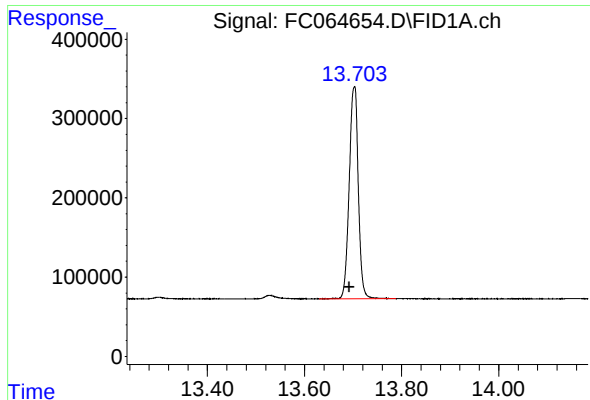
#11 n-Heneicosane (C21)

R.T.: 13.118 min  
Delta R.T.: 0.010 min  
Response: 3546815  
Conc: 21.41 ug/ml



#12 1-chlorooctadecane (SURR)

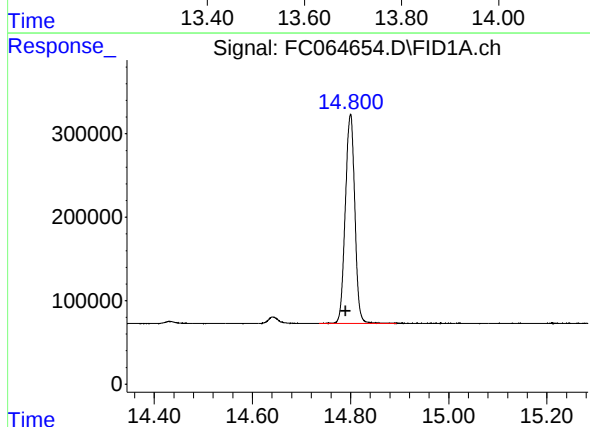
R.T.: 12.951 min  
Delta R.T.: 0.011 min  
Response: 3215050  
Conc: 22.07 ug/ml



#13 n-Docosane (C22)

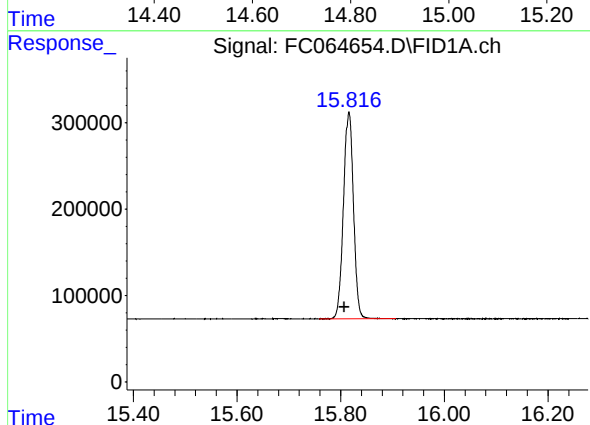
R.T.: 13.703 min  
Delta R.T.: 0.011 min  
Response: 3487034  
Conc: 21.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



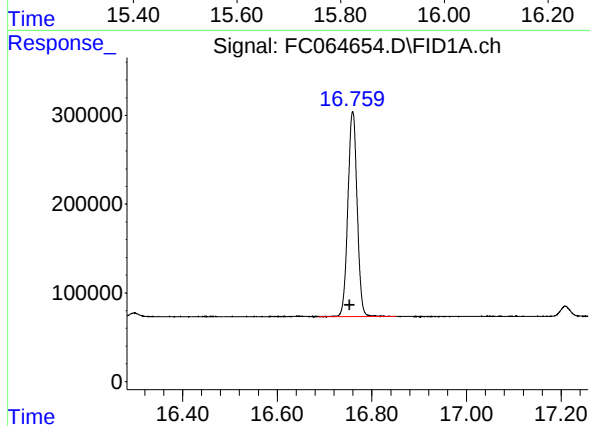
#14 n-Tetracosane (C24)

R.T.: 14.800 min  
Delta R.T.: 0.010 min  
Response: 3369557  
Conc: 21.22 ug/ml



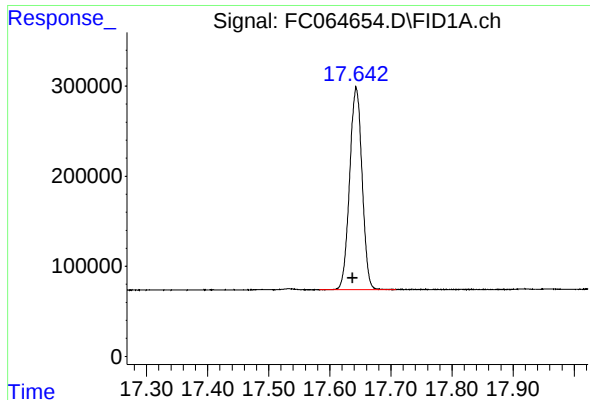
#15 n-Hexacosane (C26)

R.T.: 15.816 min  
Delta R.T.: 0.009 min  
Response: 3225557  
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

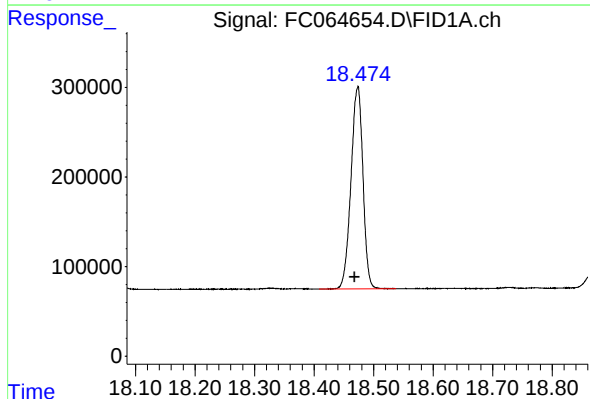
R.T.: 16.760 min  
Delta R.T.: 0.006 min  
Response: 3132638  
Conc: 21.17 ug/ml



#17 n-Tricontane (C30)

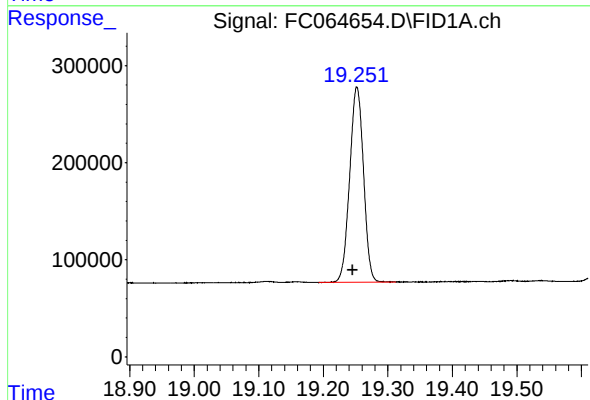
R.T.: 17.643 min  
Delta R.T.: 0.006 min  
Response: 3183356  
Conc: 21.43 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



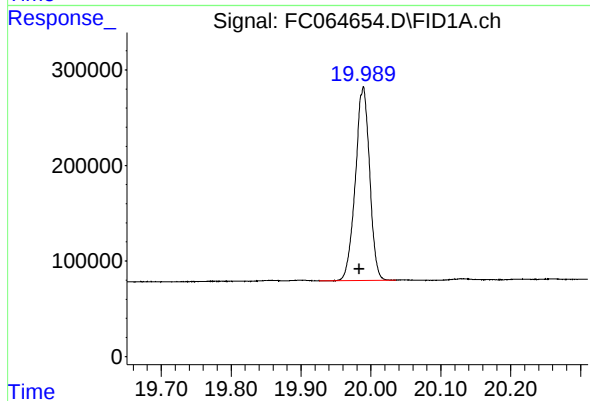
#18 n-Dotriacontane (C32)

R.T.: 18.474 min  
Delta R.T.: 0.006 min  
Response: 3157744  
Conc: 21.64 ug/ml



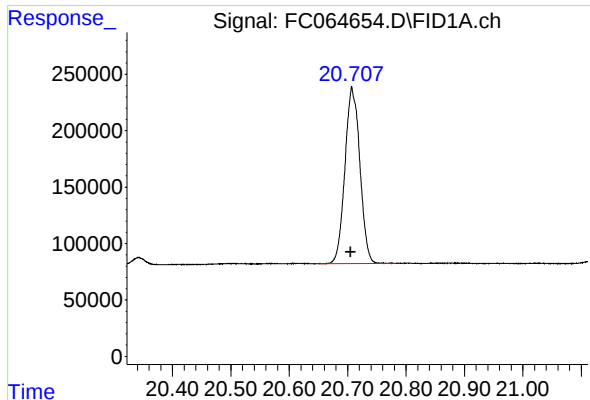
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min  
Delta R.T.: 0.006 min  
Response: 2993426  
Conc: 21.06 ug/ml



#20 n-Hexatriacontane (C36)

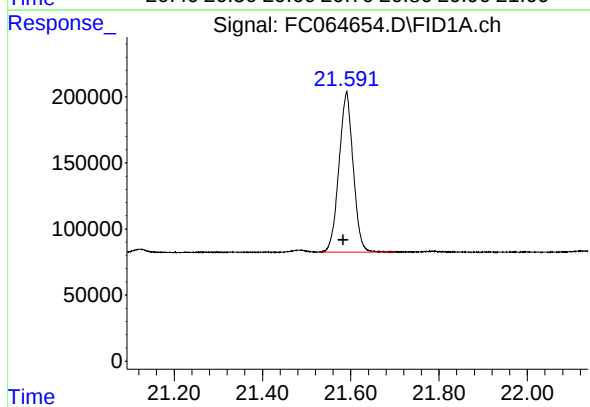
R.T.: 19.989 min  
Delta R.T.: 0.005 min  
Response: 2874769  
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min  
Delta R.T.: 0.002 min  
Response: 2779381  
Conc: 20.28 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.591 min  
Delta R.T.: 0.008 min  
Response: 2698407  
Conc: 19.84 ug/ml