

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100523AL\  
 Data File : FC064737.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Oct 2023 07:51  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 05 23:52:39 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 | 4317962    | 21.340 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.68%       |
| 12) S 1-chlorooctadecane (S... | 12.951 | 3121250    | 21.429 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.86%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.322  | 3830712    | 21.677 ug/ml |
| 2) T n-Decane (C10)            | 4.381  | 3865571    | 21.518 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.962  | 4031134    | 21.458 ug/ml |
| 4) T n-Dodecane (C12)          | 6.389  | 3901462    | 21.479 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.015  | 3865397    | 21.675 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.177  | 3789595    | 21.357 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.771  | 3763031    | 20.934 ug/ml |
| 8) T n-Octadecane (C18)        | 11.206 | 3710749    | 20.495 ug/ml |
| 10) T n-Eicosane (C20)         | 12.509 | 3541867    | 20.793 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.117 | 3458674    | 20.882 ug/ml |
| 13) T n-Docosane (C22)         | 13.701 | 3398401    | 20.861 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.798 | 3278870    | 20.653 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.815 | 3137375    | 20.553 ug/ml |
| 16) T n-Octacosane (C28)       | 16.760 | 3070083    | 20.744 ug/ml |
| 17) T n-Tricontane (C30)       | 17.644 | 3115302    | 20.970 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.472 | 3071276    | 21.045 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.252 | 2922947    | 20.560 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.990 | 2820418    | 20.477 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.709 | 2726317    | 19.893 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.588 | 2614967    | 19.224 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

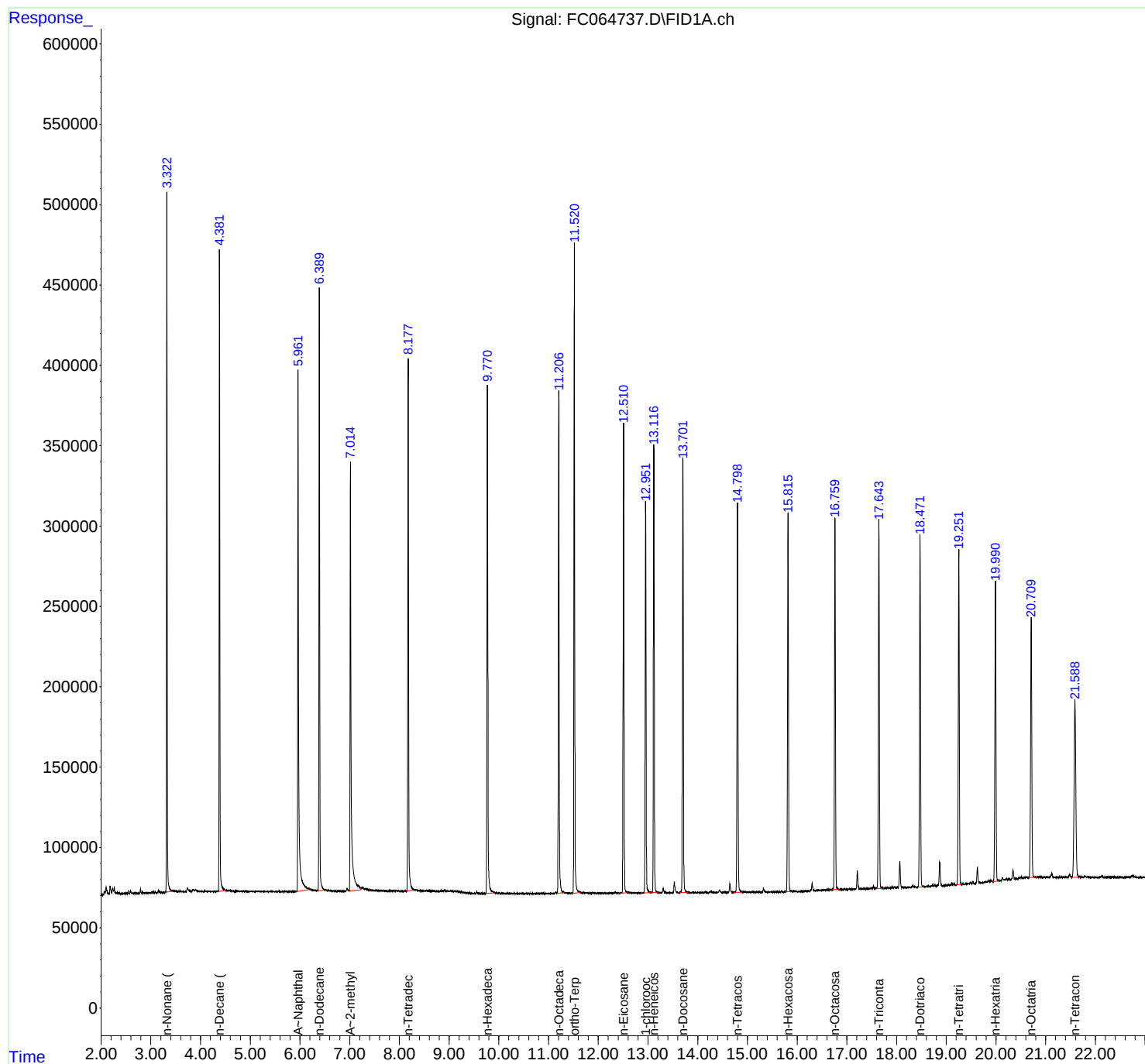
(m)=manual int.

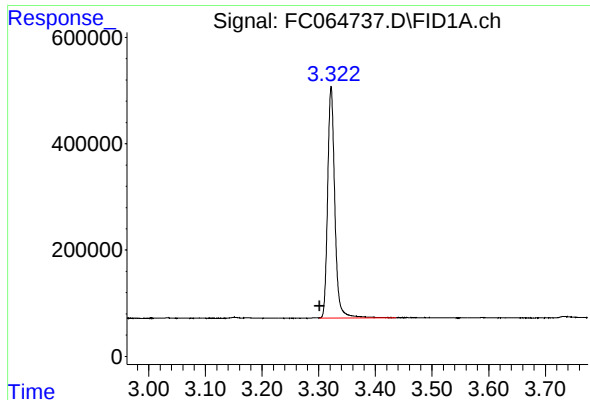
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100523AL\  
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Acq On : 05 Oct 2023 07:51  
Operator : YP/AJ  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
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QLast Update : Fri Sep 15 01:25:53 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

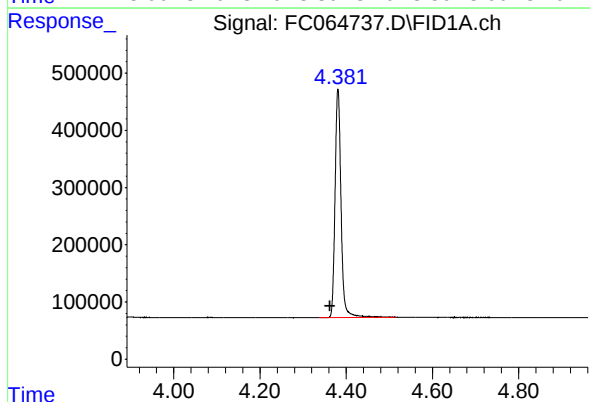




#1 n-Nonane (C9)

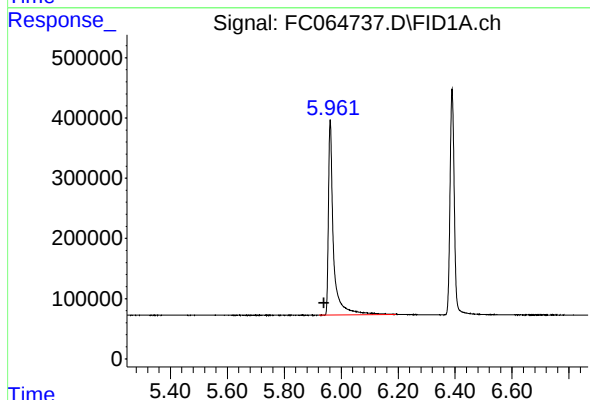
R.T.: 3.322 min  
Delta R.T.: 0.020 min  
Response: 3830712  
Conc: 21.68 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



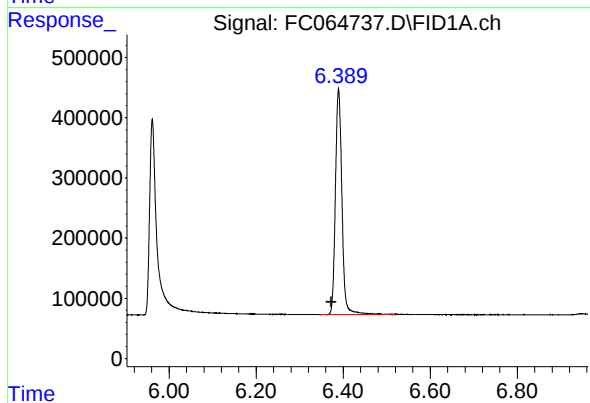
#2 n-Decane (C10)

R.T.: 4.381 min  
Delta R.T.: 0.019 min  
Response: 3865571  
Conc: 21.52 ug/ml



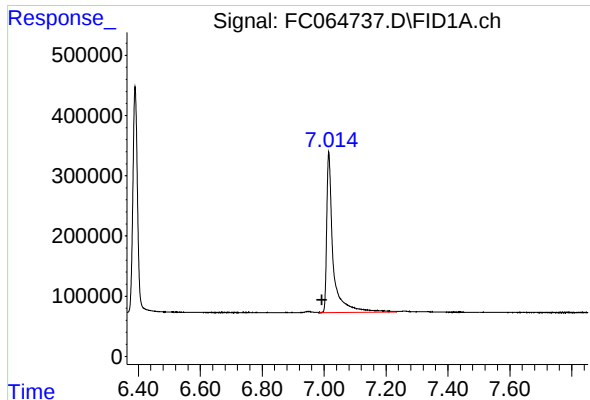
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min  
Delta R.T.: 0.023 min  
Response: 4031134  
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

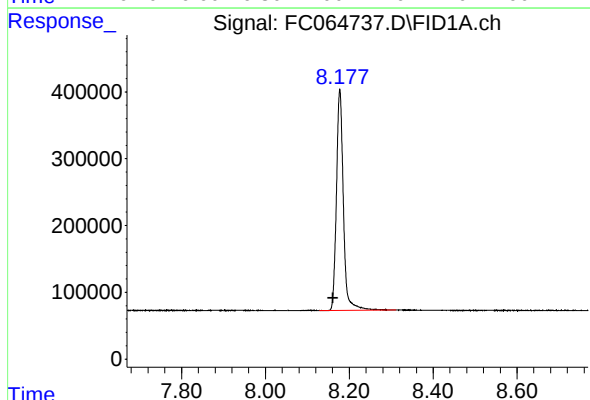
R.T.: 6.389 min  
Delta R.T.: 0.017 min  
Response: 3901462  
Conc: 21.48 ug/ml



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

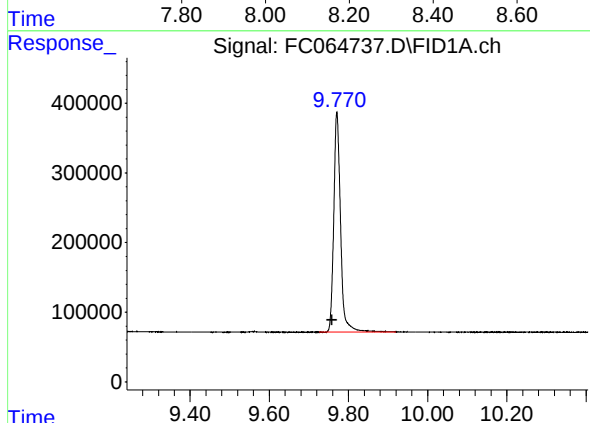
R.T.: 7.015 min  
Delta R.T.: 0.022 min  
Response: 3865397  
Conc: 21.67 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



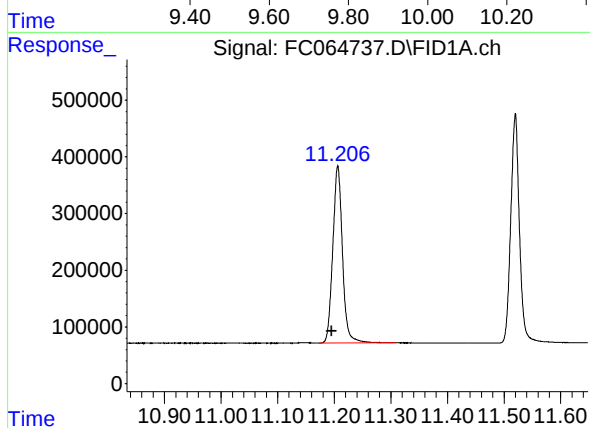
#6 n-Tetradecane (C14)

R.T.: 8.177 min  
Delta R.T.: 0.016 min  
Response: 3789595  
Conc: 21.36 ug/ml



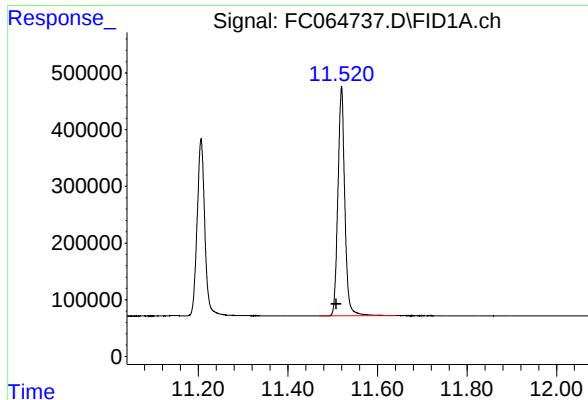
#7 n-Hexadecane (C16)

R.T.: 9.771 min  
Delta R.T.: 0.012 min  
Response: 3763031  
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

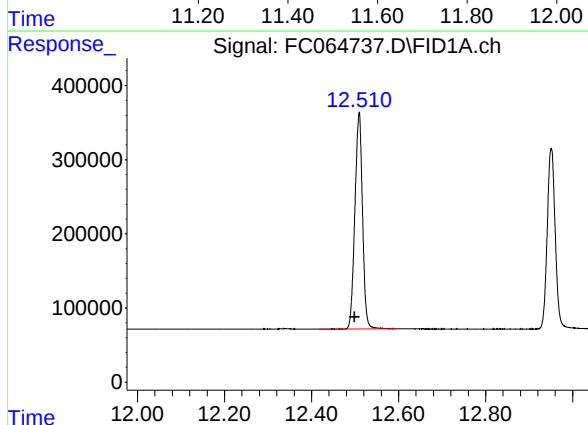
R.T.: 11.206 min  
Delta R.T.: 0.011 min  
Response: 3710749  
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

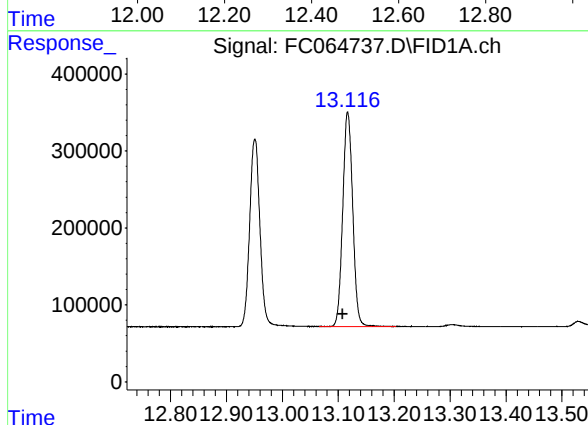
R.T.: 11.520 min  
Delta R.T.: 0.012 min  
Response: 4317962  
Conc: 21.34 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



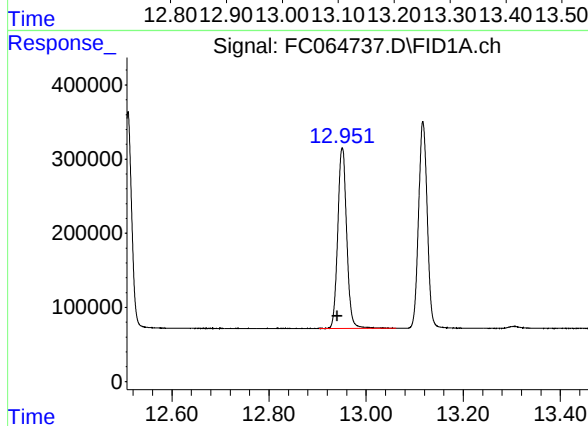
#10 n-Eicosane (C20)

R.T.: 12.509 min  
Delta R.T.: 0.010 min  
Response: 3541867  
Conc: 20.79 ug/ml



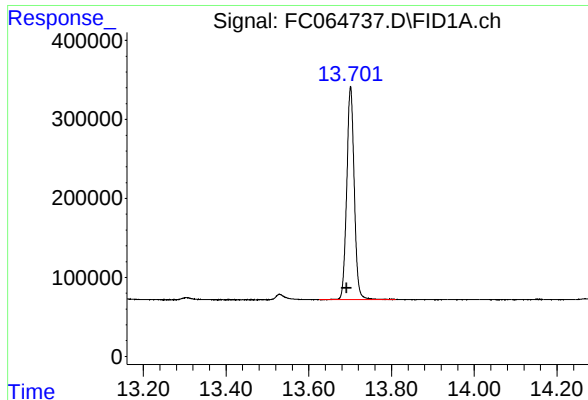
#11 n-Heneicosane (C21)

R.T.: 13.117 min  
Delta R.T.: 0.009 min  
Response: 3458674  
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

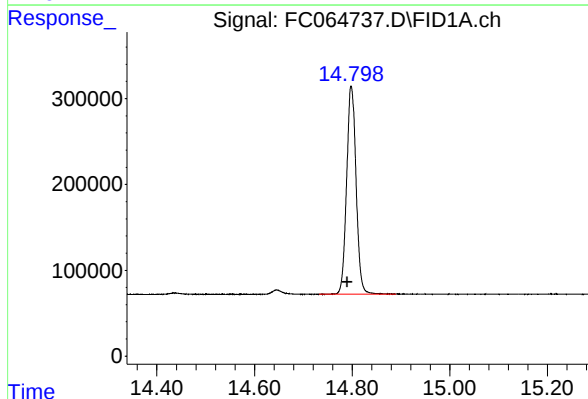
R.T.: 12.951 min  
Delta R.T.: 0.011 min  
Response: 3121250  
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

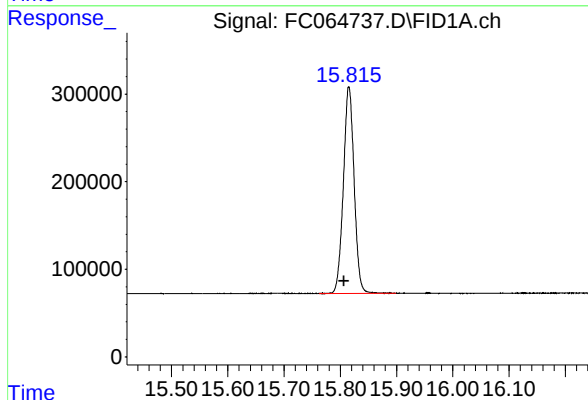
R.T.: 13.701 min  
Delta R.T.: 0.009 min  
Response: 3398401  
Conc: 20.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



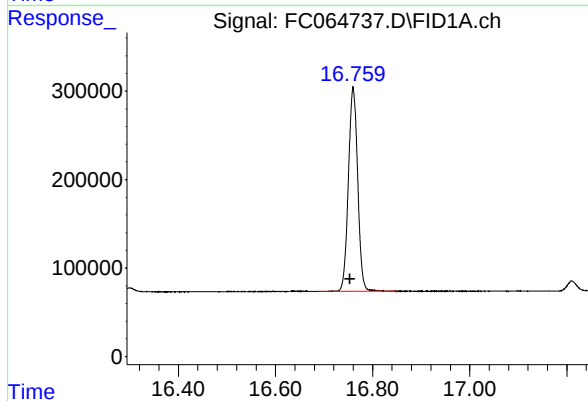
#14 n-Tetracosane (C24)

R.T.: 14.798 min  
Delta R.T.: 0.008 min  
Response: 3278870  
Conc: 20.65 ug/ml



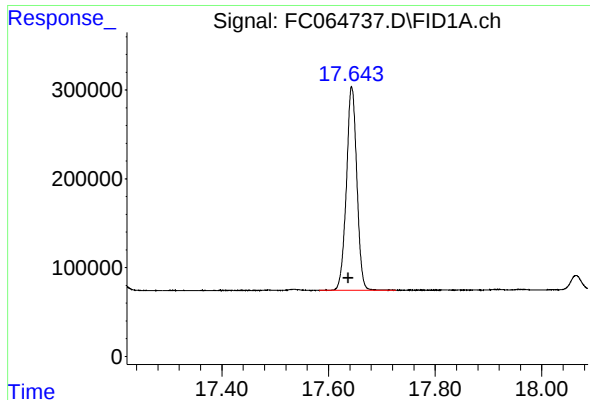
#15 n-Hexacosane (C26)

R.T.: 15.815 min  
Delta R.T.: 0.008 min  
Response: 3137375  
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

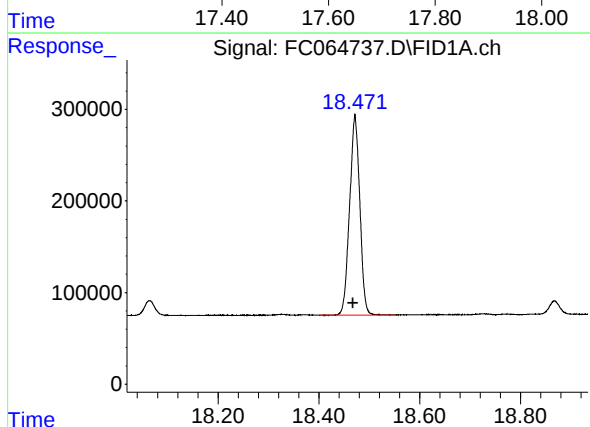
R.T.: 16.760 min  
Delta R.T.: 0.006 min  
Response: 3070083  
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

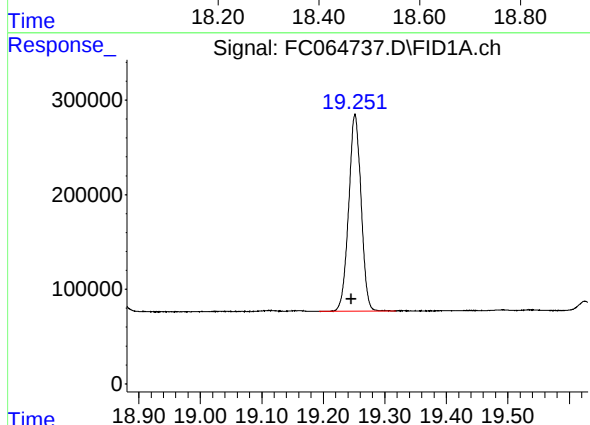
R.T.: 17.644 min  
Delta R.T.: 0.006 min  
Response: 3115302  
Conc: 20.97 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



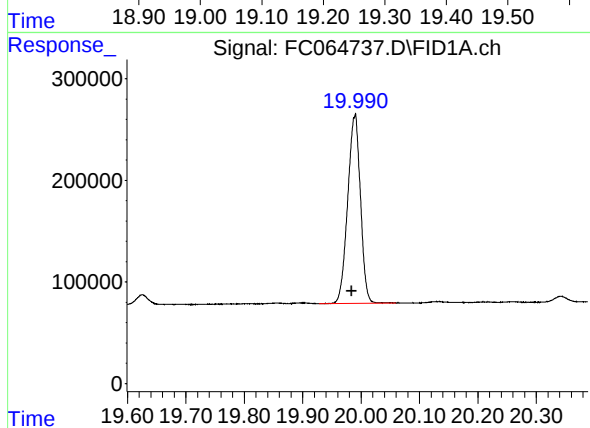
#18 n-Dotriacontane (C32)

R.T.: 18.472 min  
Delta R.T.: 0.004 min  
Response: 3071276  
Conc: 21.04 ug/ml



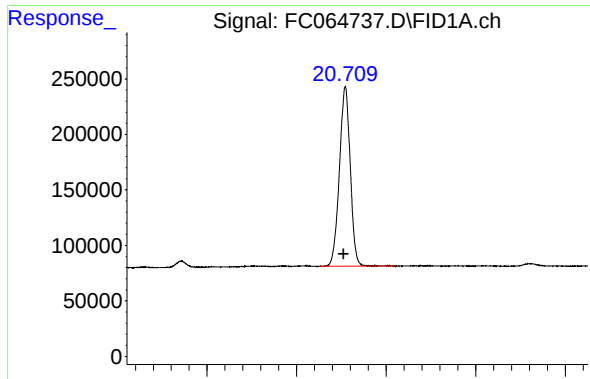
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min  
Delta R.T.: 0.006 min  
Response: 2922947  
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

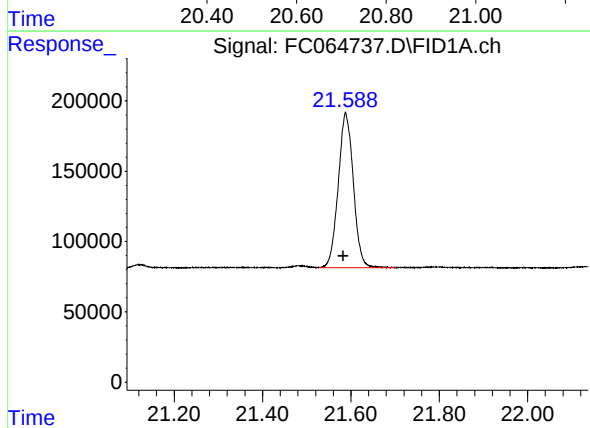
R.T.: 19.990 min  
Delta R.T.: 0.006 min  
Response: 2820418  
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min  
Delta R.T.: 0.004 min  
Response: 2726317  
Conc: 19.89 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.588 min  
Delta R.T.: 0.005 min  
Response: 2614967  
Conc: 19.22 ug/ml