

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102121AL\  
 Data File : FC056293.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 Oct 2021 21:28  
 Operator : AJ\MA  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 21 00:09:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 21 00:09:06 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.636 | 12121385   | 98.263 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 196.53%       |
| 12) S 1-chlorooctadecane (S... | 13.065 | 9396349    | 97.458 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 194.92%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.386  | 10802768   | 100.227 ug/ml |
| 2) T n-Decane (C10)            | 4.456  | 10942796   | 101.262 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.047  | 12361369   | 101.789 ug/ml |
| 4) T n-Dodecane (C12)          | 6.475  | 11047915   | 100.572 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.106  | 12482434   | 101.661 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.271  | 11188257   | 100.278 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.872  | 11230773   | 99.486 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.314 | 11446199   | 98.400 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.620 | 11143542   | 97.064 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.231 | 11144936   | 97.018 ug/ml  |
| 13) T n-Docosane (C22)         | 13.816 | 10914816   | 96.753 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.915 | 10644372   | 96.027 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.932 | 10126586   | 95.581 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.878 | 9741856    | 93.841 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.762 | 9301254    | 91.128 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.590 | 8665618    | 92.031 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.370 | 8328667    | 95.686 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.105 | 7906509    | 97.460 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.841 | 7816429    | 98.093 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.764 | 8075128    | 98.562 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

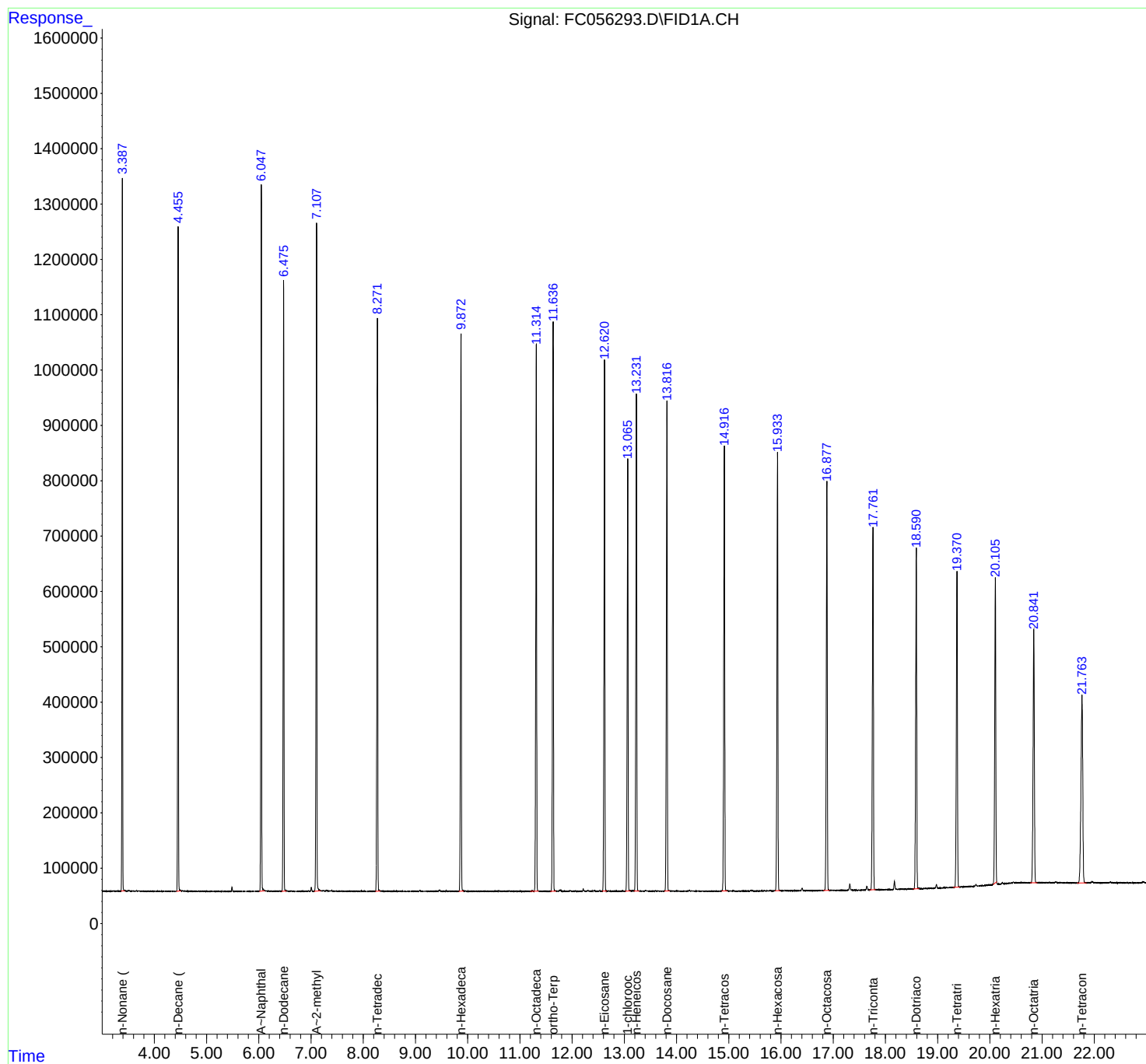
(m)=manual int.

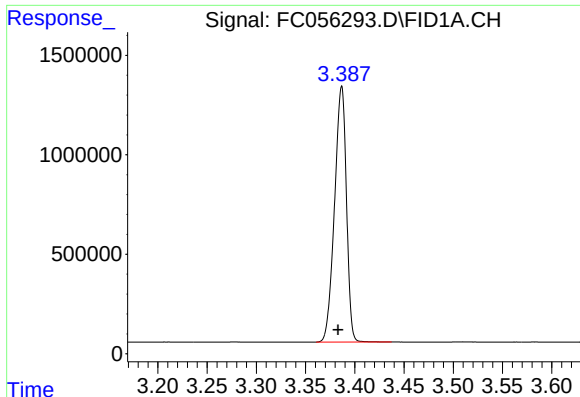
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102121AL\  
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Signal(s) : FID1A.CH  
Acq On : 20 Oct 2021 21:28  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

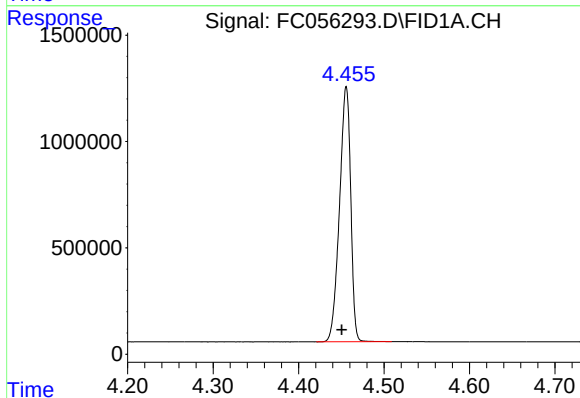




#1 n-Nonane (C9)

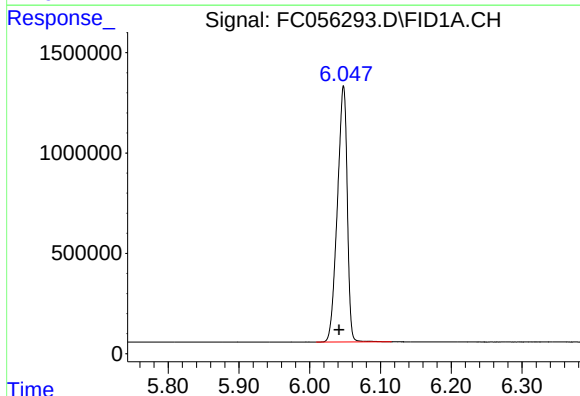
R.T.: 3.386 min  
Delta R.T.: 0.003 min  
Response: 10802768  
Conc: 100.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



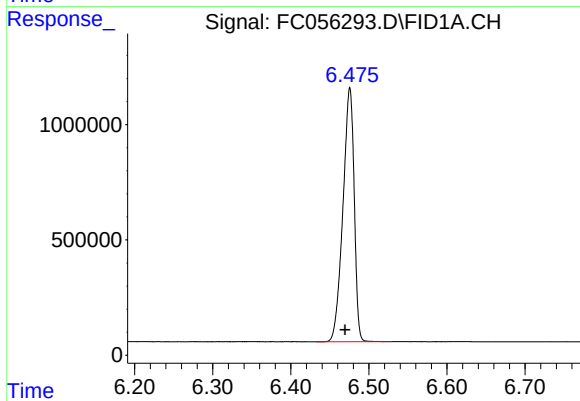
#2 n-Decane (C10)

R.T.: 4.456 min  
Delta R.T.: 0.005 min  
Response: 10942796  
Conc: 101.26 ug/ml



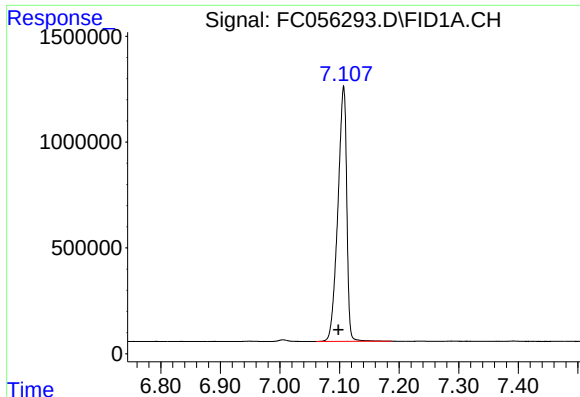
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min  
Delta R.T.: 0.006 min  
Response: 12361369  
Conc: 101.79 ug/ml



#4 n-Dodecane (C12)

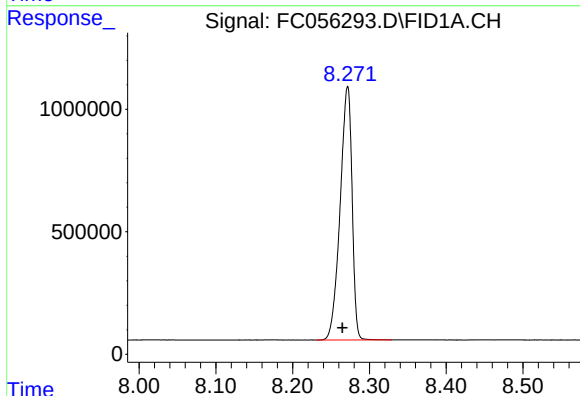
R.T.: 6.475 min  
Delta R.T.: 0.006 min  
Response: 11047915  
Conc: 100.57 ug/ml



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

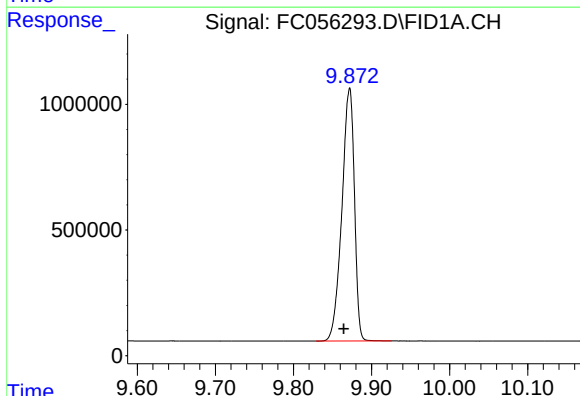
R.T.: 7.106 min  
Delta R.T.: 0.008 min  
Response: 12482434  
Conc: 101.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



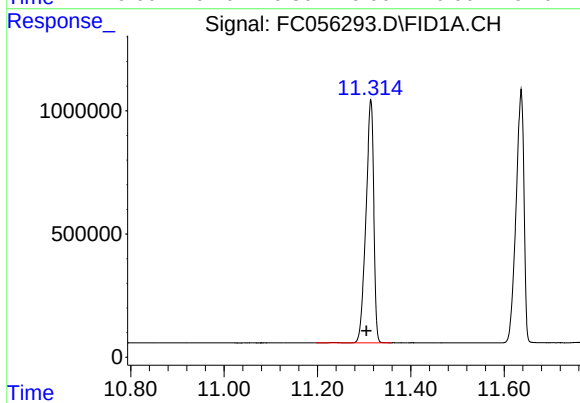
#6 n-Tetradecane (C14)

R.T.: 8.271 min  
Delta R.T.: 0.006 min  
Response: 11188257  
Conc: 100.28 ug/ml



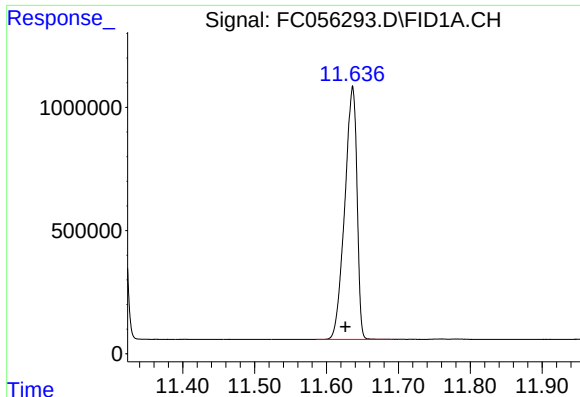
#7 n-Hexadecane (C16)

R.T.: 9.872 min  
Delta R.T.: 0.007 min  
Response: 11230773  
Conc: 99.49 ug/ml



#8 n-Octadecane (C18)

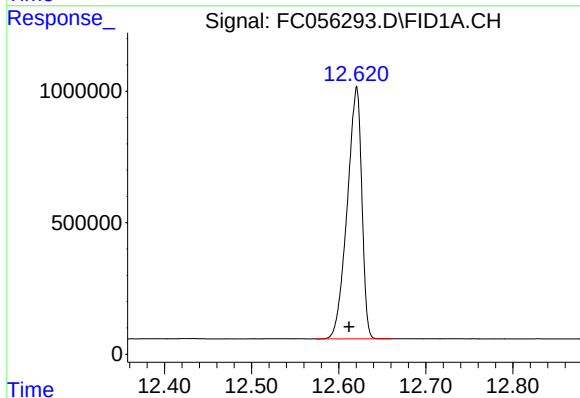
R.T.: 11.314 min  
Delta R.T.: 0.009 min  
Response: 11446199  
Conc: 98.40 ug/ml



#9 ortho-Terphenyl (SURR)

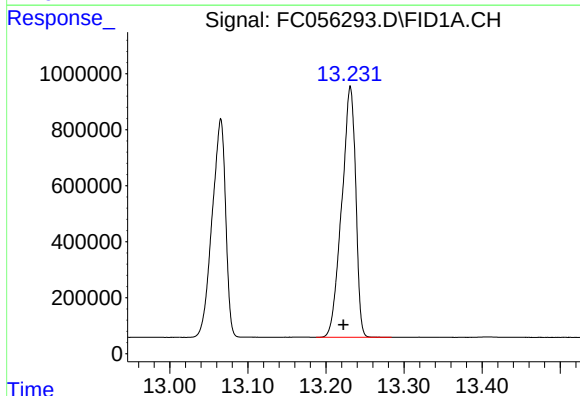
R.T.: 11.636 min  
Delta R.T.: 0.010 min  
Response: 12121385  
Conc: 98.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



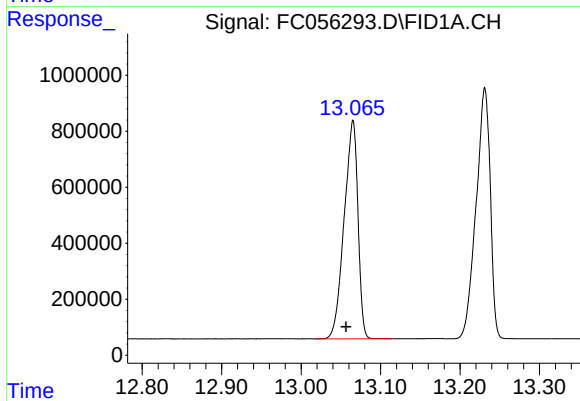
#10 n-Eicosane (C20)

R.T.: 12.620 min  
Delta R.T.: 0.008 min  
Response: 11143542  
Conc: 97.06 ug/ml



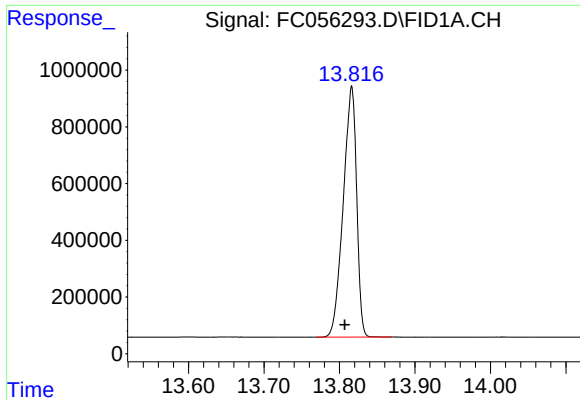
#11 n-Heneicosane (C21)

R.T.: 13.231 min  
Delta R.T.: 0.009 min  
Response: 11144936  
Conc: 97.02 ug/ml



#12 1-chlorooctadecane (SURR)

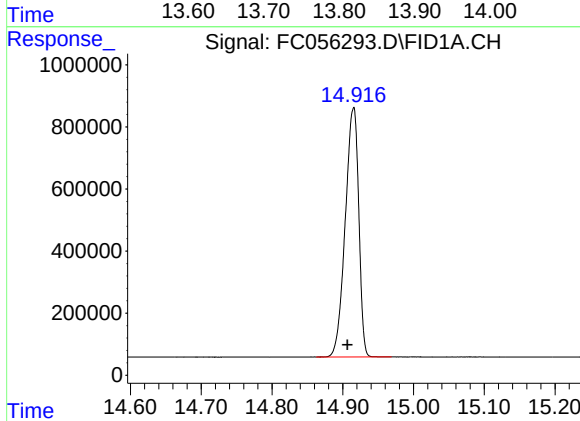
R.T.: 13.065 min  
Delta R.T.: 0.008 min  
Response: 9396349  
Conc: 97.46 ug/ml



#13 n-Docosane (C22)

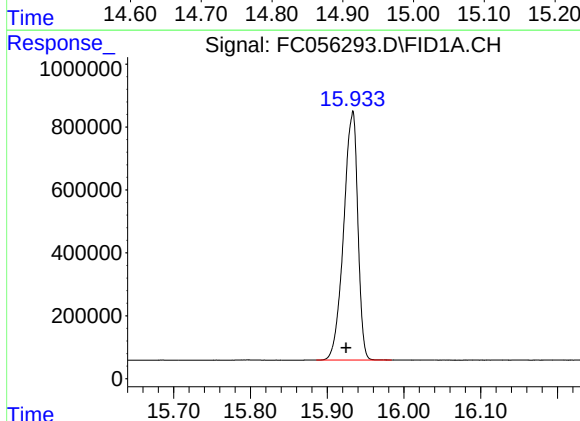
R.T.: 13.816 min  
Delta R.T.: 0.009 min  
Response: 10914816  
Conc: 96.75 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



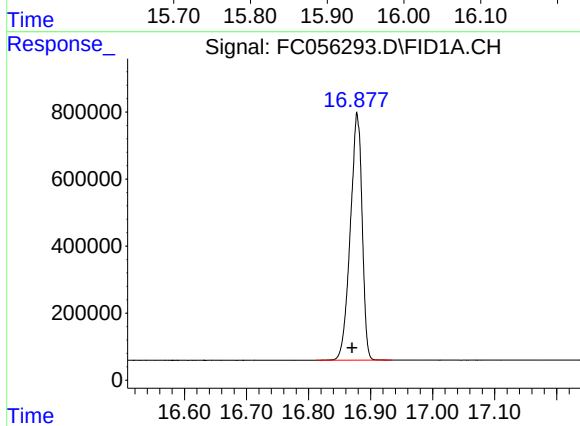
#14 n-Tetracosane (C24)

R.T.: 14.915 min  
Delta R.T.: 0.008 min  
Response: 10644372  
Conc: 96.03 ug/ml



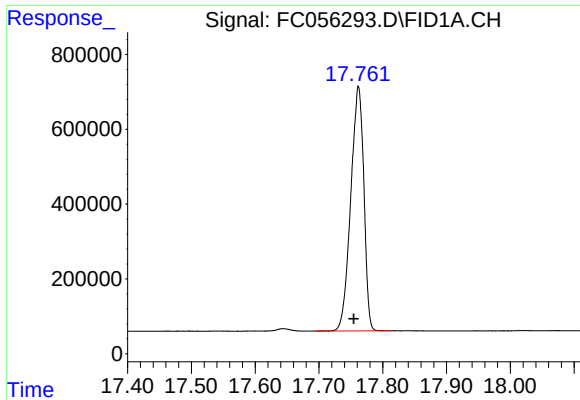
#15 n-Hexacosane (C26)

R.T.: 15.932 min  
Delta R.T.: 0.008 min  
Response: 10126586  
Conc: 95.58 ug/ml



#16 n-Octacosane (C28)

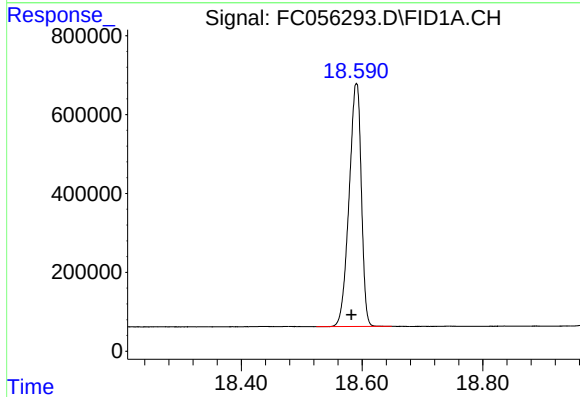
R.T.: 16.878 min  
Delta R.T.: 0.008 min  
Response: 9741856  
Conc: 93.84 ug/ml



#17 n-Tricontane (C30)

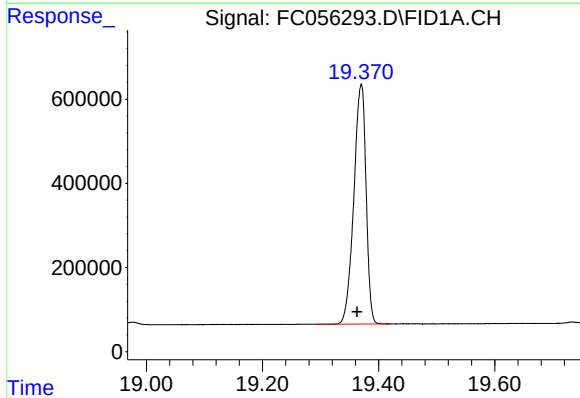
R.T.: 17.762 min  
Delta R.T.: 0.007 min  
Response: 9301254  
Conc: 91.13 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



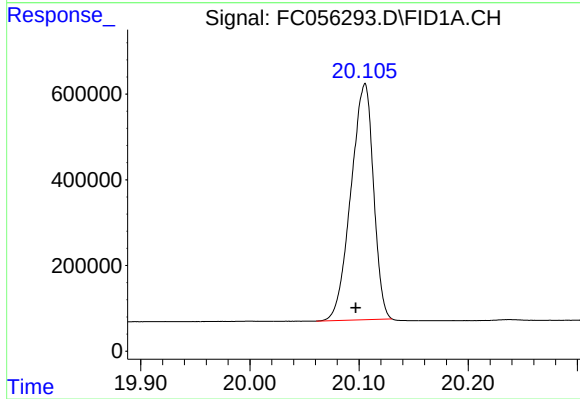
#18 n-Dotriacontane (C32)

R.T.: 18.590 min  
Delta R.T.: 0.008 min  
Response: 8665618  
Conc: 92.03 ug/ml



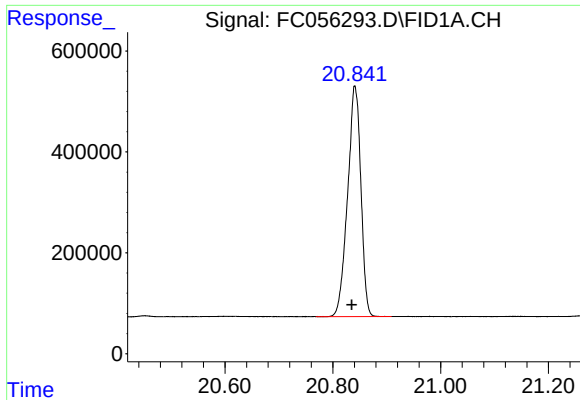
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min  
Delta R.T.: 0.007 min  
Response: 8328667  
Conc: 95.69 ug/ml



#20 n-Hexatriacontane (C36)

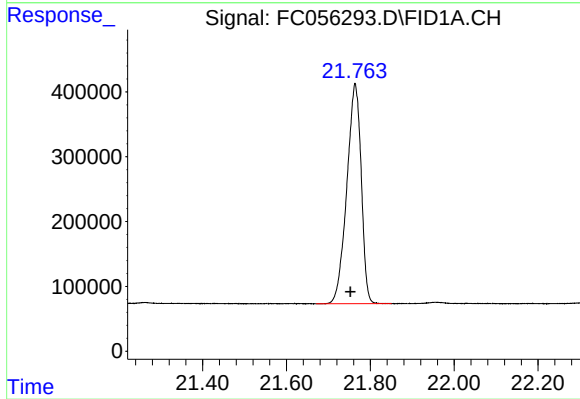
R.T.: 20.105 min  
Delta R.T.: 0.008 min  
Response: 7906509  
Conc: 97.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.841 min  
Delta R.T.: 0.006 min  
Response: 7816429  
Conc: 98.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.764 min  
Delta R.T.: 0.011 min  
Response: 8075128  
Conc: 98.56 ug/ml