

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F112923AL\  
 Data File : FC065314.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Nov 2023 14:06  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Nov 29 23:47:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112423.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 24 13:28:29 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)    | 11.505 | 4456439    | 19.209 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.42%       |
| 12) S 1-chlorooctadecane (S... | 12.935 | 3189609    | 19.263 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.53%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.304  | 3725269    | 18.604 ug/ml |
| 2) T n-Decane (C10)            | 4.364  | 3851942    | 19.165 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.945  | 3804521    | 18.739 ug/ml |
| 4) T n-Dodecane (C12)          | 6.374  | 3849247    | 18.928 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.999  | 3596320    | 18.503 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.162  | 3744388    | 18.841 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.756  | 3758648    | 18.974 ug/ml |
| 8) T n-Octadecane (C18)        | 11.191 | 3820305    | 19.288 ug/ml |
| 10) T n-Eicosane (C20)         | 12.494 | 3636742    | 19.218 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.103 | 3561922    | 19.277 ug/ml |
| 13) T n-Docosane (C22)         | 13.686 | 3503292    | 19.419 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.784 | 3413179    | 19.687 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.801 | 3295866    | 19.793 ug/ml |
| 16) T n-Octacosane (C28)       | 16.745 | 3282634    | 20.524 ug/ml |
| 17) T n-Tricontane (C30)       | 17.628 | 3468367    | 21.782 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.458 | 3496893    | 22.244 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.239 | 3299939    | 21.384 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.974 | 3140518    | 20.488 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.695 | 3019568    | 19.858 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.570 | 2914166    | 19.440 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

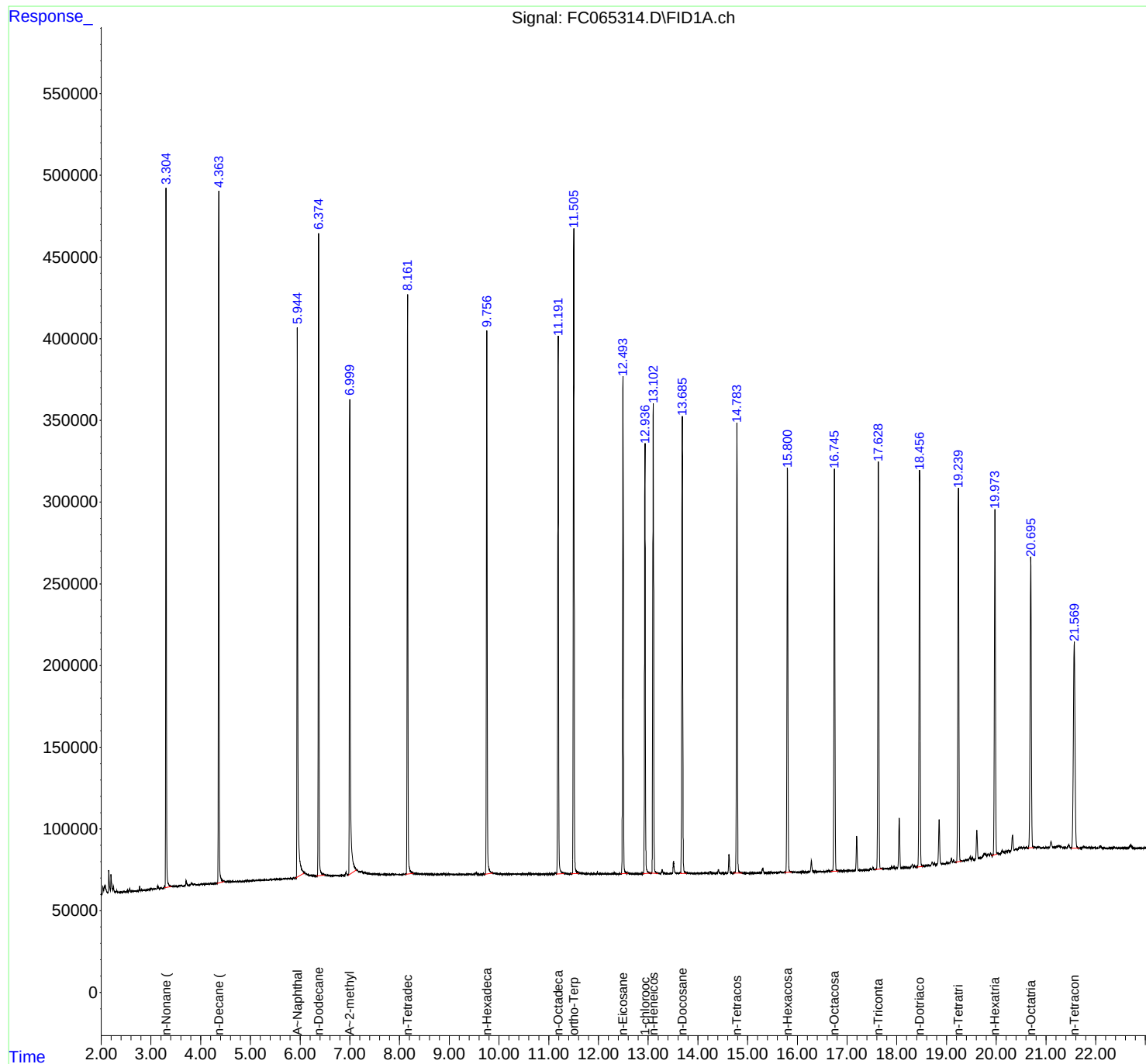
(m)=manual int.

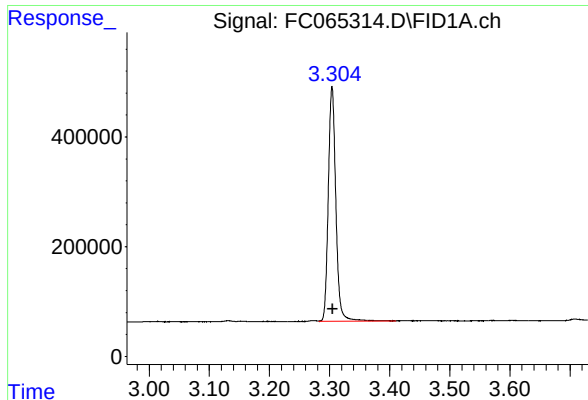
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112923AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

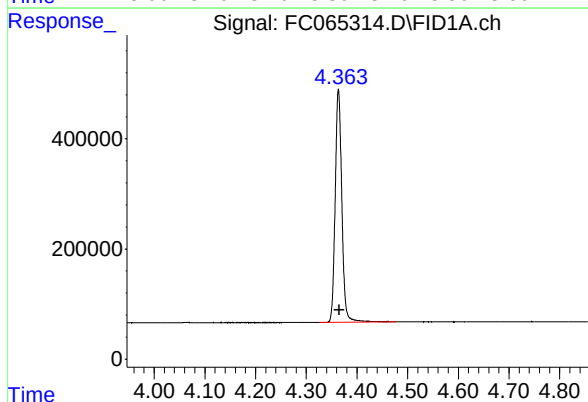




#1 n-Nonane (C9)

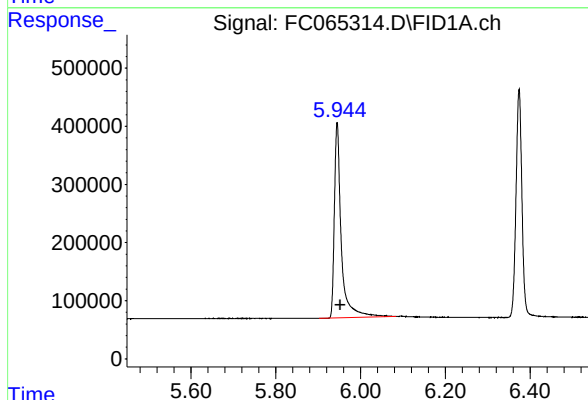
R.T.: 3.304 min  
Delta R.T.: 0.000 min  
Response: 3725269  
Conc: 18.60 ug/ml

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



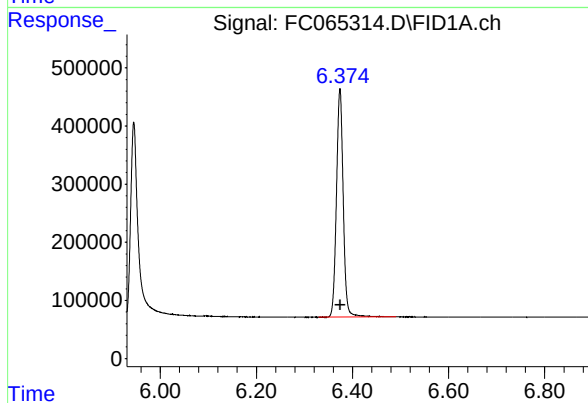
#2 n-Decane (C10)

R.T.: 4.364 min  
Delta R.T.: -0.001 min  
Response: 3851942  
Conc: 19.16 ug/ml



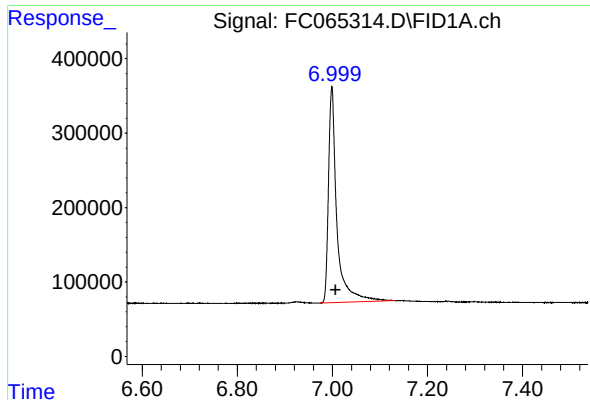
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min  
Delta R.T.: -0.007 min  
Response: 3804521  
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

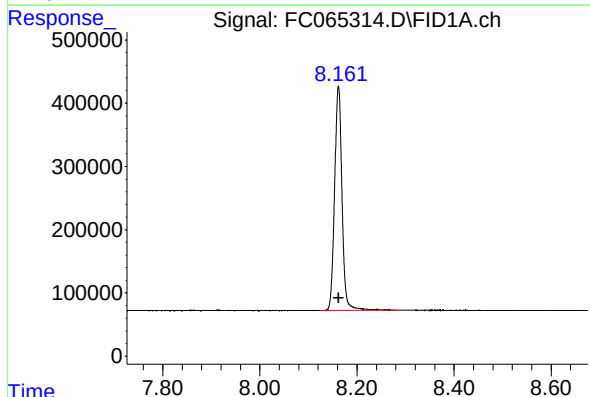
R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 3849247  
Conc: 18.93 ug/ml



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

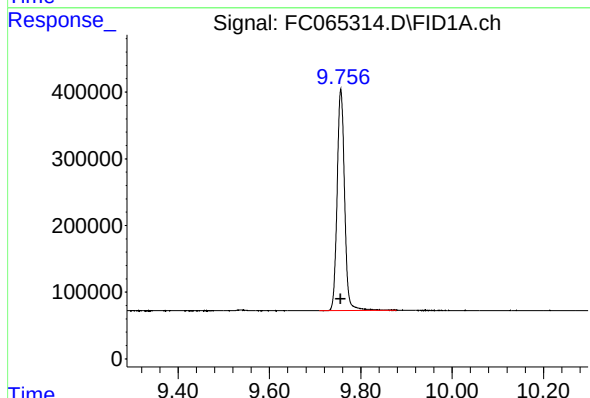
R.T.: 6.999 min  
Delta R.T.: -0.008 min  
Response: 3596320  
Conc: 18.50 ug/ml

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



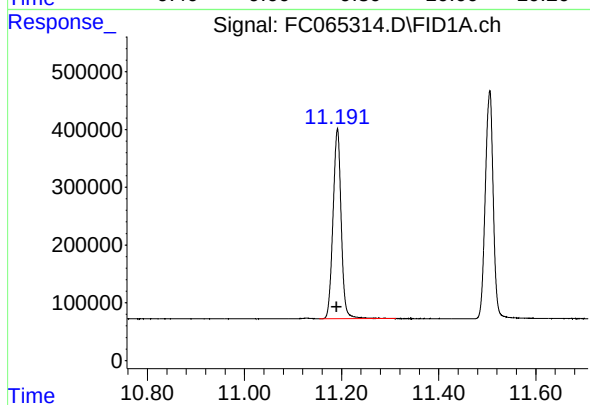
#6 n-Tetradecane (C14)

R.T.: 8.162 min  
Delta R.T.: 0.000 min  
Response: 3744388  
Conc: 18.84 ug/ml



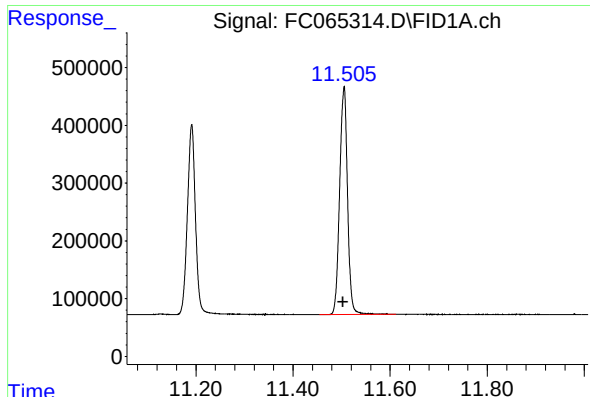
#7 n-Hexadecane (C16)

R.T.: 9.756 min  
Delta R.T.: 0.000 min  
Response: 3758648  
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

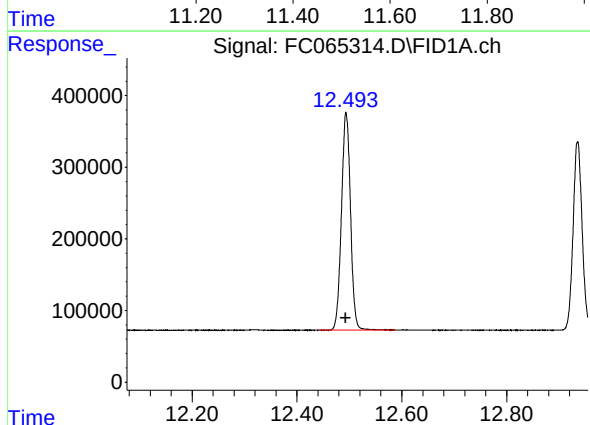
R.T.: 11.191 min  
Delta R.T.: 0.001 min  
Response: 3820305  
Conc: 19.29 ug/ml



#9 ortho-Terphenyl (SURR)

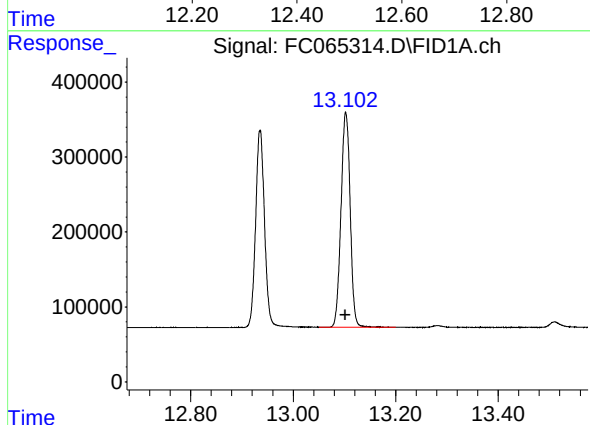
R.T.: 11.505 min  
Delta R.T.: 0.002 min  
Response: 4456439  
Conc: 19.21 ug/ml

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



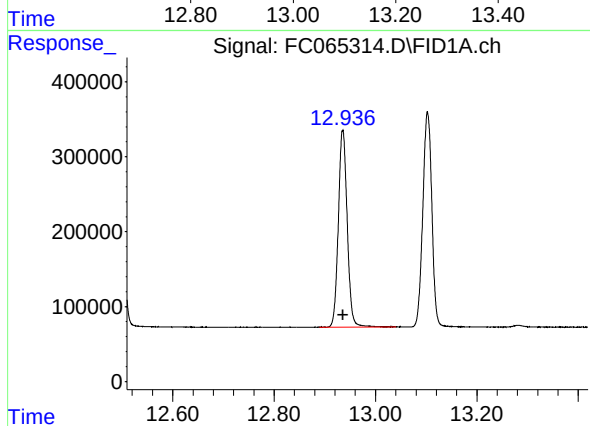
#10 n-Eicosane (C20)

R.T.: 12.494 min  
Delta R.T.: 0.001 min  
Response: 3636742  
Conc: 19.22 ug/ml



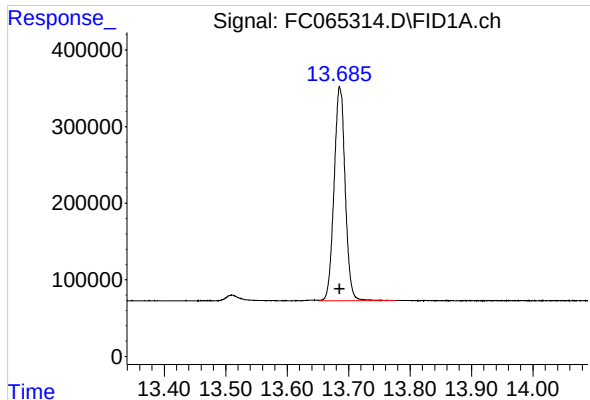
#11 n-Heneicosane (C21)

R.T.: 13.103 min  
Delta R.T.: 0.000 min  
Response: 3561922  
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

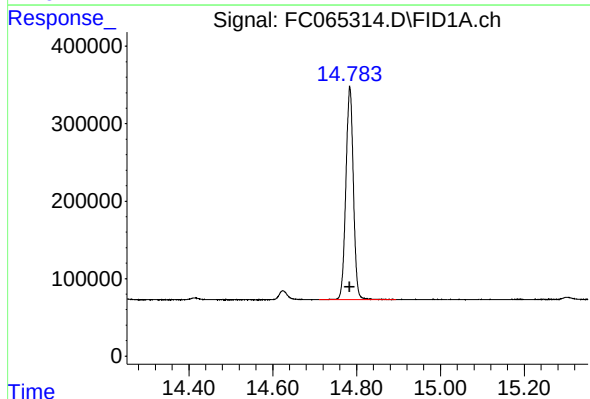
R.T.: 12.935 min  
Delta R.T.: 0.000 min  
Response: 3189609  
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

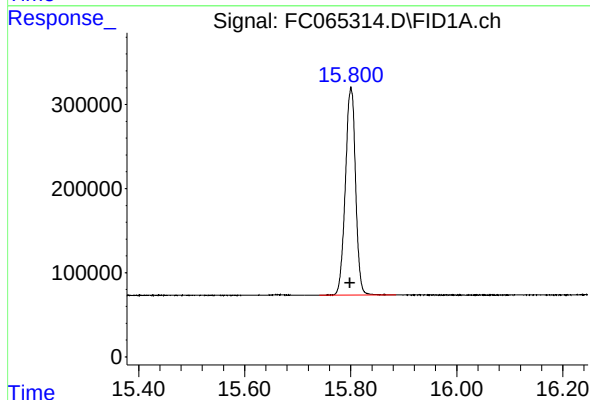
R.T.: 13.686 min  
Delta R.T.: 0.000 min  
Response: 3503292  
Conc: 19.42 ug/ml

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



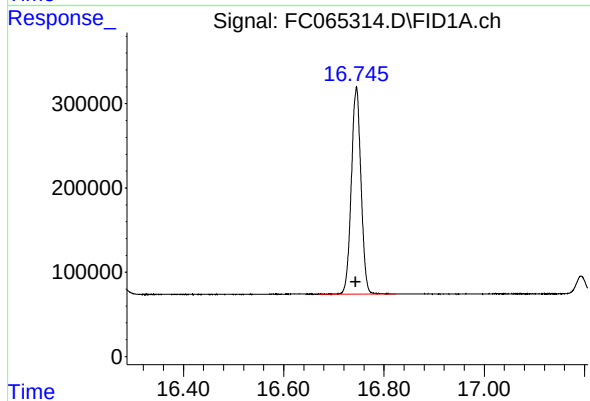
#14 n-Tetracosane (C24)

R.T.: 14.784 min  
Delta R.T.: 0.001 min  
Response: 3413179  
Conc: 19.69 ug/ml



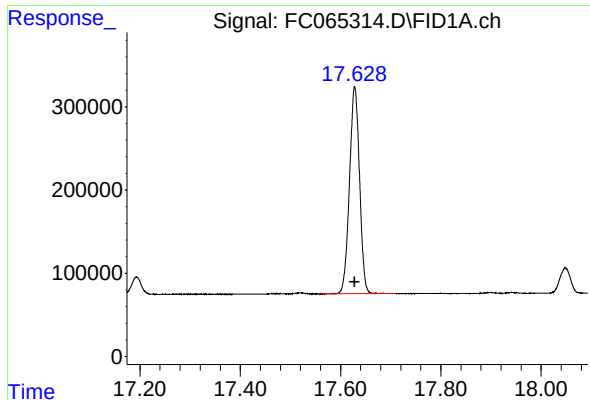
#15 n-Hexacosane (C26)

R.T.: 15.801 min  
Delta R.T.: 0.002 min  
Response: 3295866  
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

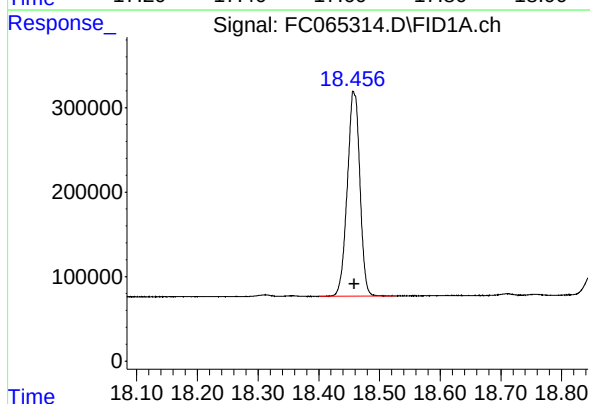
R.T.: 16.745 min  
Delta R.T.: 0.002 min  
Response: 3282634  
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

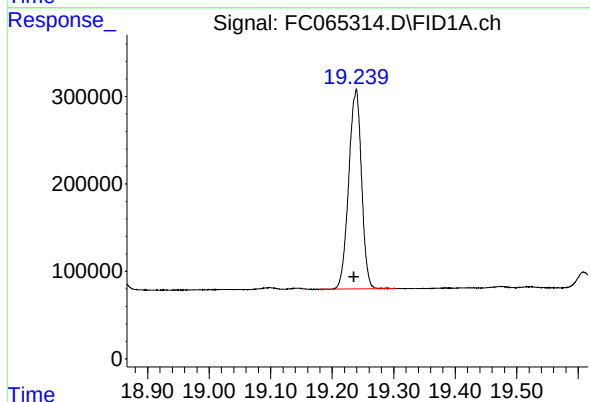
R.T.: 17.628 min  
Delta R.T.: 0.000 min  
Response: 3468367  
Conc: 21.78 ug/ml

Instrument :  
FID\_C  
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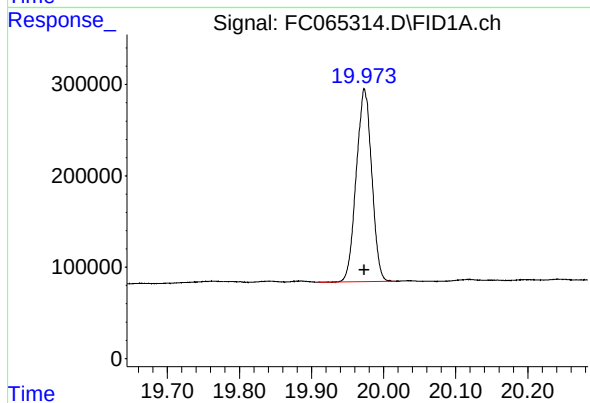
#18 n-Dotriacontane (C32)

R.T.: 18.458 min  
Delta R.T.: 0.000 min  
Response: 3496893  
Conc: 22.24 ug/ml



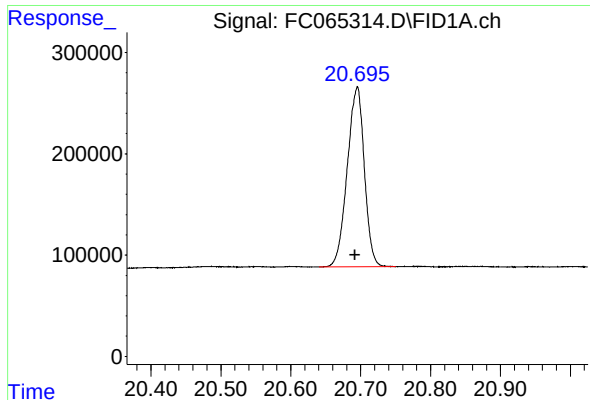
#19 n-Tetatriacontane (C34)

R.T.: 19.239 min  
Delta R.T.: 0.003 min  
Response: 3299939  
Conc: 21.38 ug/ml



#20 n-Hexatriacontane (C36)

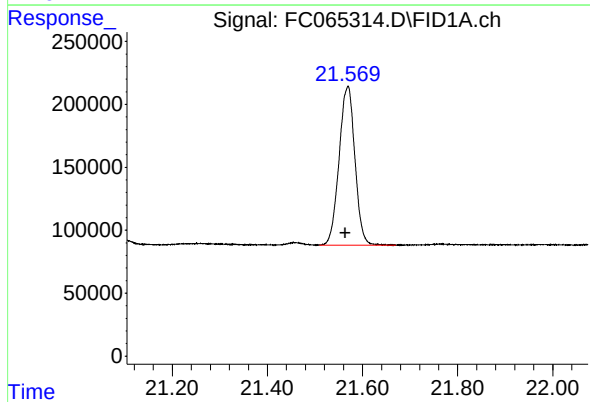
R.T.: 19.974 min  
Delta R.T.: 0.000 min  
Response: 3140518  
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.695 min  
Delta R.T.: 0.003 min  
Response: 3019568  
Conc: 19.86 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.570 min  
Delta R.T.: 0.006 min  
Response: 2914166  
Conc: 19.44 ug/ml