

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072123AL\  
 Data File : FG012534.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Jul 2023 09:07  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 21 09:30:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 071423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 15 01:18:50 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)    | 10.881 | 3255848    | 20.836 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.67%       |
| 12) S 1-chlorooctadecane (S... | 12.318 | 2409511    | 20.789 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.58%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.730  | 2548818    | 20.490 ug/ml |
| 2) T n-Decane (C10)            | 3.737  | 2614470    | 20.563 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.303  | 2863554    | 20.688 ug/ml |
| 4) T n-Dodecane (C12)          | 5.726  | 2650699    | 20.604 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.353  | 2715407    | 20.796 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.519  | 2651600    | 20.763 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.120  | 2801052    | 21.008 ug/ml |
| 8) T n-Octadecane (C18)        | 10.563 | 2908640    | 20.945 ug/ml |
| 10) T n-Eicosane (C20)         | 11.873 | 2838309    | 20.994 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.486 | 2754883    | 20.766 ug/ml |
| 13) T n-Docosane (C22)         | 13.072 | 2795675    | 21.206 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.177 | 2993172    | 21.311 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.198 | 2819618    | 22.336 ug/ml |
| 16) T n-Octacosane (C28)       | 16.149 | 2839092    | 22.584 ug/ml |
| 17) T n-Tricontane (C30)       | 17.038 | 2982312    | 22.569 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.872 | 2983282    | 22.421 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.657 | 2754061    | 21.495 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.398 | 2655868    | 21.493 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.131 | 2496063    | 20.898 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.036 | 2444934    | 21.100 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

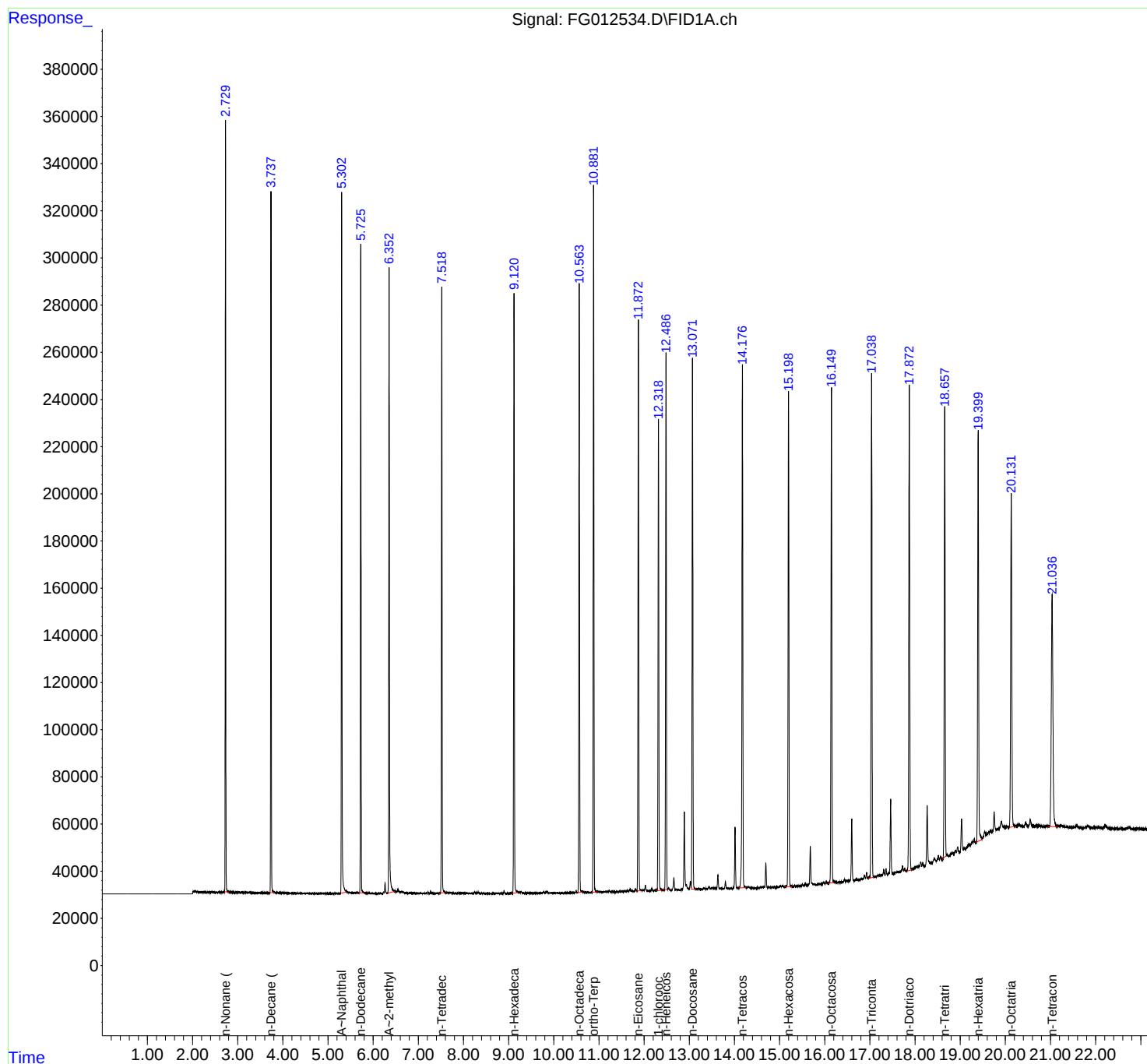
(m)=manual int.

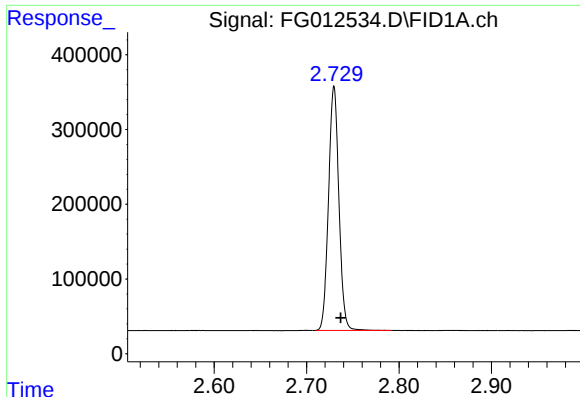
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072123AL\  
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Quant Title : GC Extractables  
QLast Update : Sat Jul 15 01:18:50 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

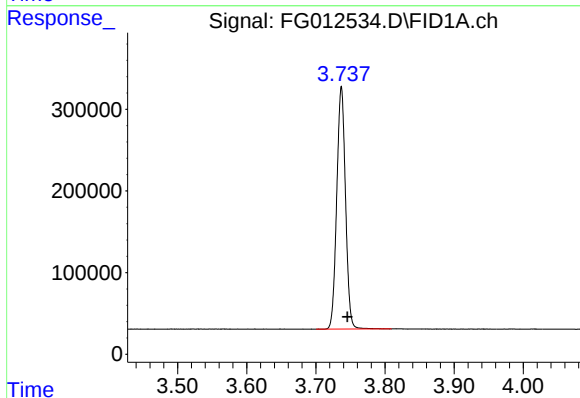




#1 n-Nonane (C9)

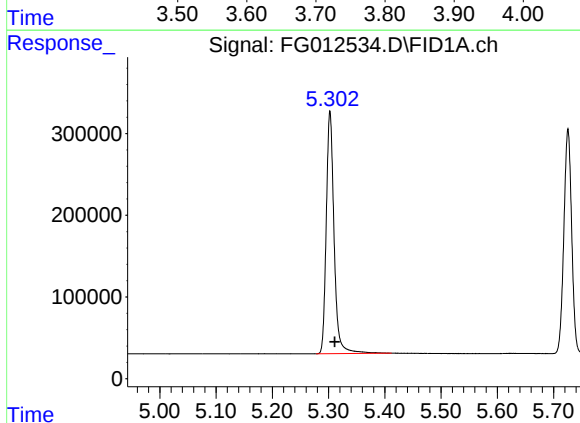
R.T.: 2.730 min  
Delta R.T.: -0.007 min  
Response: 2548818  
Conc: 20.49 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



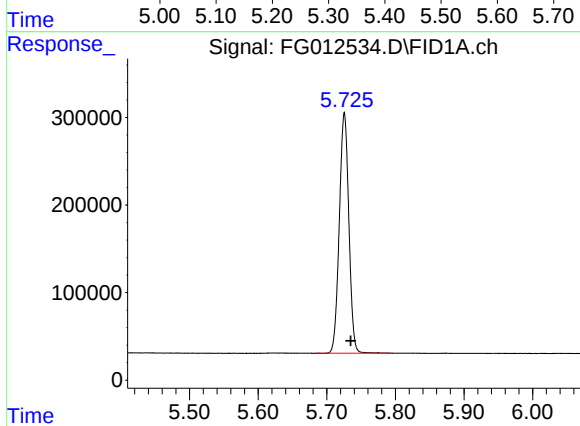
#2 n-Decane (C10)

R.T.: 3.737 min  
Delta R.T.: -0.009 min  
Response: 2614470  
Conc: 20.56 ug/ml



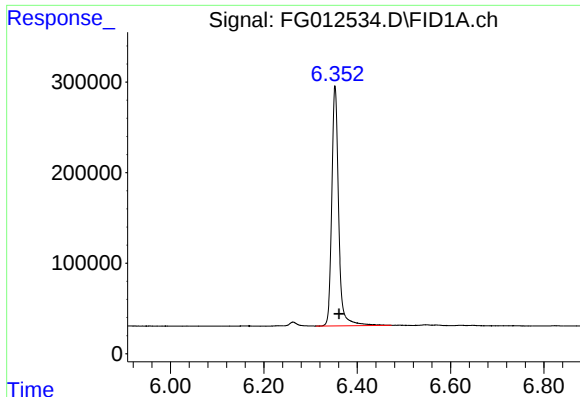
#3 A~Naphthalene (C11.7)

R.T.: 5.303 min  
Delta R.T.: -0.008 min  
Response: 2863554  
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

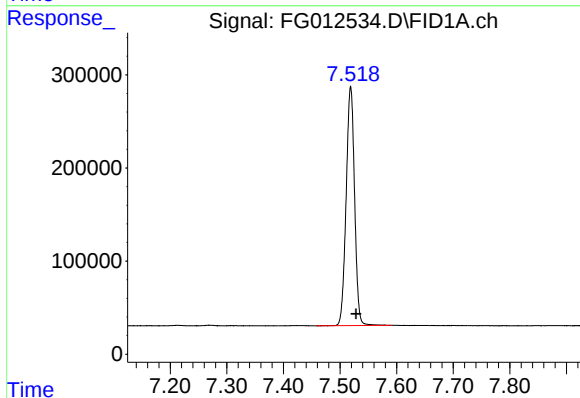
R.T.: 5.726 min  
Delta R.T.: -0.009 min  
Response: 2650699  
Conc: 20.60 ug/ml



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

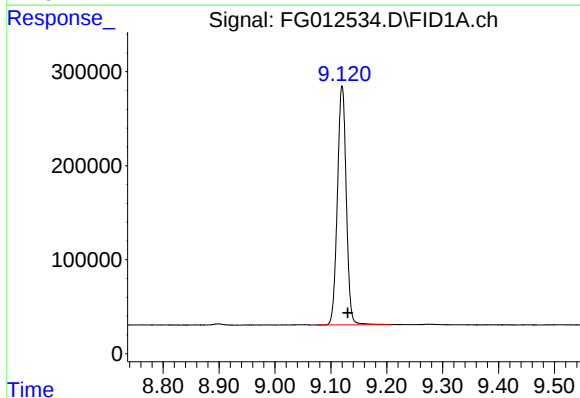
R.T.: 6.353 min  
Delta R.T.: -0.008 min  
Response: 2715407  
Conc: 20.80 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



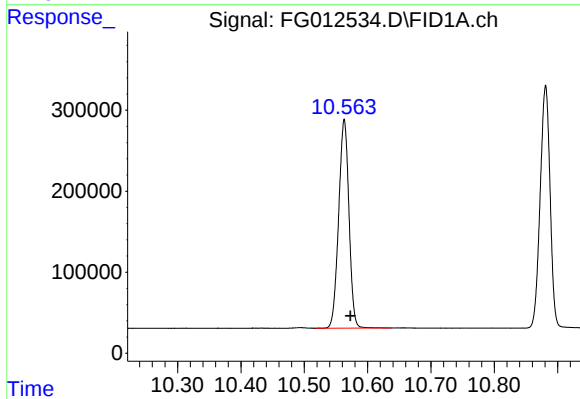
#6 n-Tetradecane (C14)

R.T.: 7.519 min  
Delta R.T.: -0.009 min  
Response: 2651600  
Conc: 20.76 ug/ml



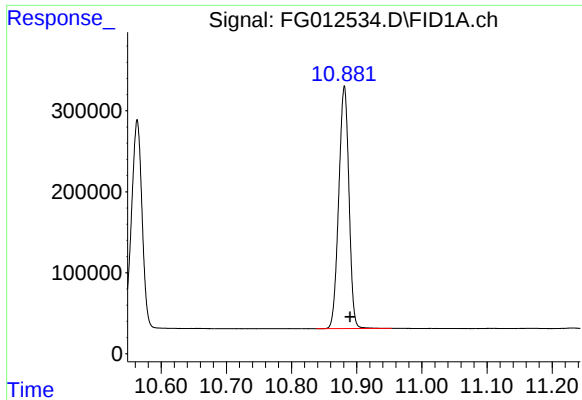
#7 n-Hexadecane (C16)

R.T.: 9.120 min  
Delta R.T.: -0.010 min  
Response: 2801052  
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

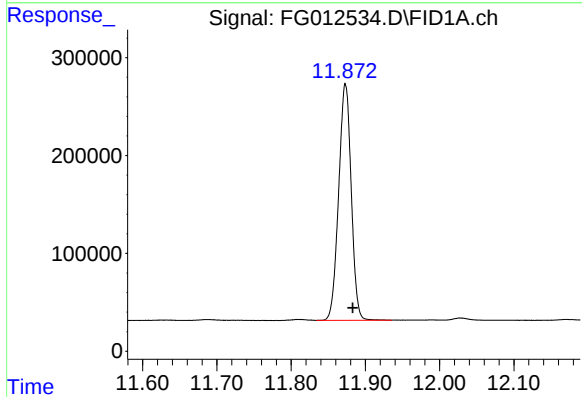
R.T.: 10.563 min  
Delta R.T.: -0.010 min  
Response: 2908640  
Conc: 20.94 ug/ml



#9 ortho-Terphenyl (SURR)

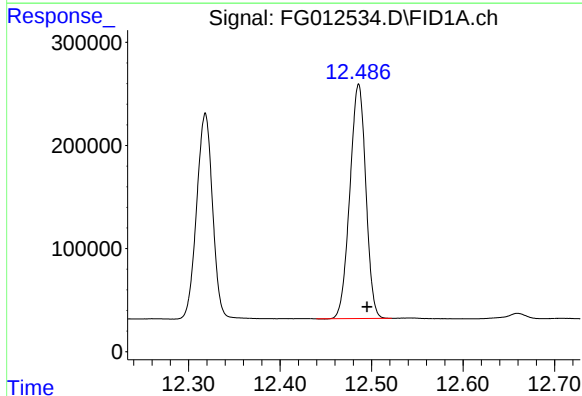
R.T.: 10.881 min  
Delta R.T.: -0.009 min  
Response: 3255848  
Conc: 20.84 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



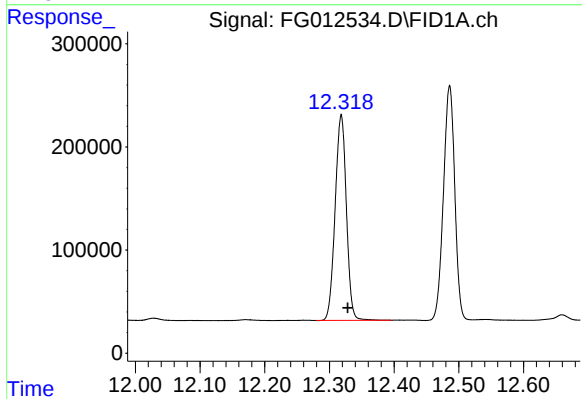
#10 n-Eicosane (C20)

R.T.: 11.873 min  
Delta R.T.: -0.010 min  
Response: 2838309  
Conc: 20.99 ug/ml



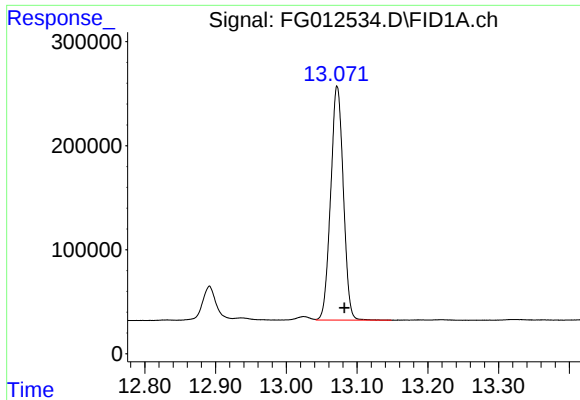
#11 n-Heneicosane (C21)

R.T.: 12.486 min  
Delta R.T.: -0.009 min  
Response: 2754883  
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

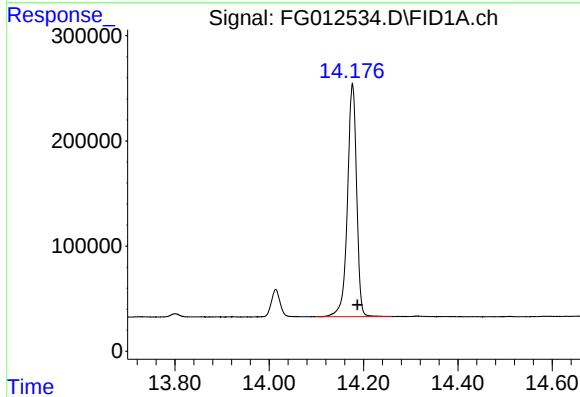
R.T.: 12.318 min  
Delta R.T.: -0.010 min  
Response: 2409511  
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

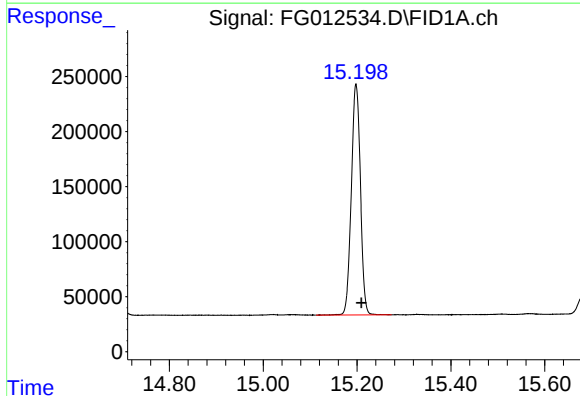
R.T.: 13.072 min  
Delta R.T.: -0.010 min  
Response: 2795675  
Conc: 21.21 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



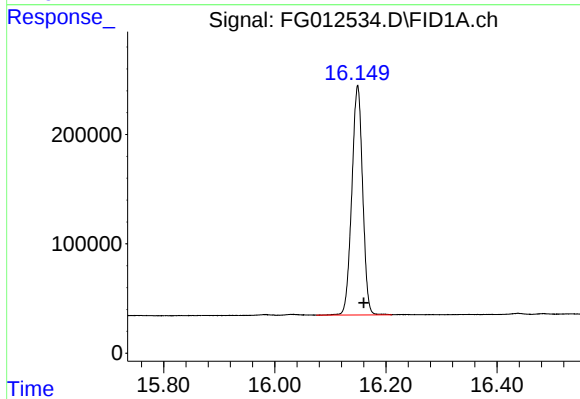
#14 n-Tetracosane (C24)

R.T.: 14.177 min  
Delta R.T.: -0.010 min  
Response: 2993172  
Conc: 21.31 ug/ml



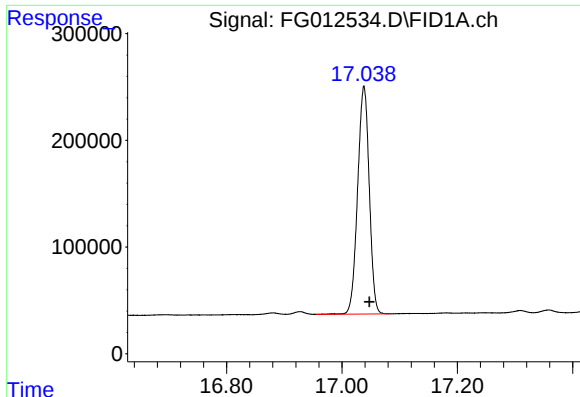
#15 n-Hexacosane (C26)

R.T.: 15.198 min  
Delta R.T.: -0.011 min  
Response: 2819618  
Conc: 22.34 ug/ml



#16 n-Octacosane (C28)

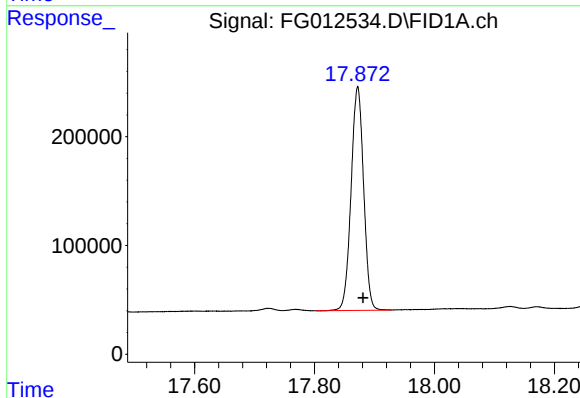
R.T.: 16.149 min  
Delta R.T.: -0.011 min  
Response: 2839092  
Conc: 22.58 ug/ml



#17 n-Tricontane (C30)

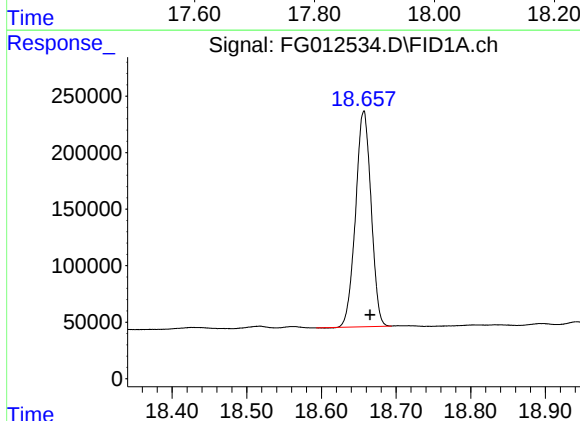
R.T.: 17.038 min  
Delta R.T.: -0.009 min  
Response: 2982312  
Conc: 22.57 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



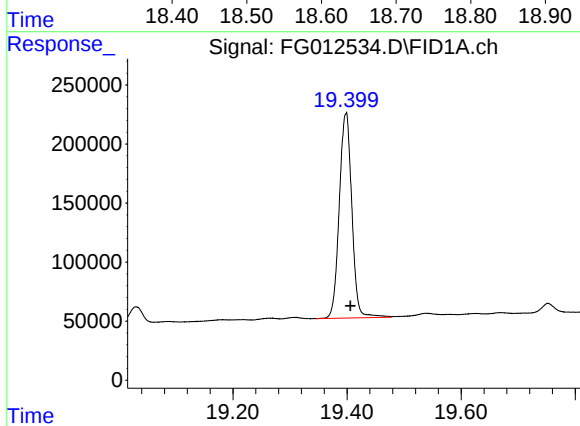
#18 n-Dotriacontane (C32)

R.T.: 17.872 min  
Delta R.T.: -0.009 min  
Response: 2983282  
Conc: 22.42 ug/ml



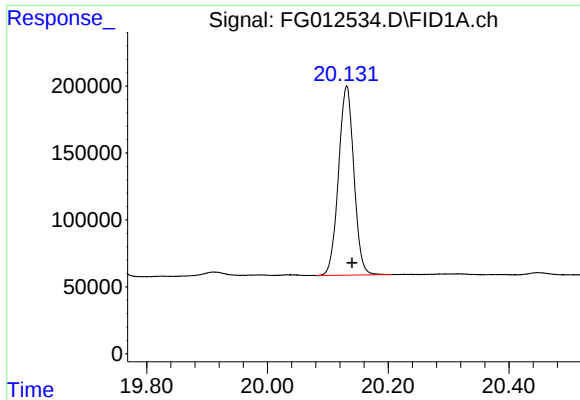
#19 n-Tetratriacontane (C34)

R.T.: 18.657 min  
Delta R.T.: -0.008 min  
Response: 2754061  
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

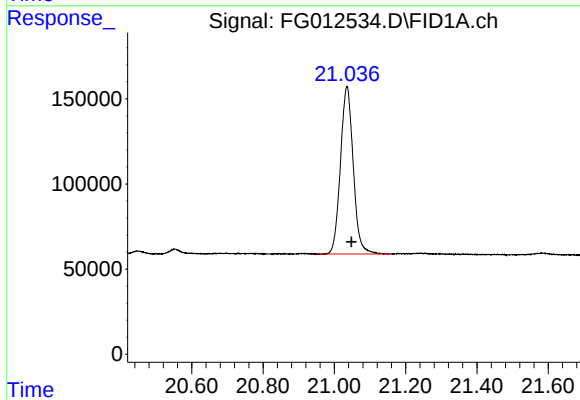
R.T.: 19.398 min  
Delta R.T.: -0.008 min  
Response: 2655868  
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.131 min  
Delta R.T.: -0.009 min  
Response: 2496063  
Conc: 20.90 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.036 min  
Delta R.T.: -0.012 min  
Response: 2444934  
Conc: 21.10 ug/ml