

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072023AL\  
 Data File : FG012490.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Jul 2023 07:33  
 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 01:48:14 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 | 3219414    | 20.603 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.21%       |
| 12) S 1-chlorooctadecane (S... | 12.319 | 2396045    | 20.673 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.732  | 2561547    | 20.593 ug/ml |
| 2) T n-Decane (C10)            | 3.740  | 2624307    | 20.641 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.303  | 2849005    | 20.583 ug/ml |
| 4) T n-Dodecane (C12)          | 5.728  | 2649928    | 20.598 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.353  | 2699963    | 20.678 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.521  | 2634571    | 20.630 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.122  | 2768671    | 20.765 ug/ml |
| 8) T n-Octadecane (C18)        | 10.564 | 2870111    | 20.667 ug/ml |
| 10) T n-Eicosane (C20)         | 11.875 | 2797420    | 20.692 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.487 | 2734504    | 20.612 ug/ml |
| 13) T n-Docosane (C22)         | 13.073 | 2742560    | 20.803 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.178 | 2879473    | 20.502 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.199 | 2674755    | 21.189 ug/ml |
| 16) T n-Octacosane (C28)       | 16.149 | 2643168    | 21.026 ug/ml |
| 17) T n-Tricontane (C30)       | 17.038 | 2727508    | 20.641 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.872 | 2708788    | 20.358 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.656 | 2587873    | 20.198 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.397 | 2453356    | 19.854 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.130 | 2374675    | 19.882 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.032 | 2337817    | 20.175 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

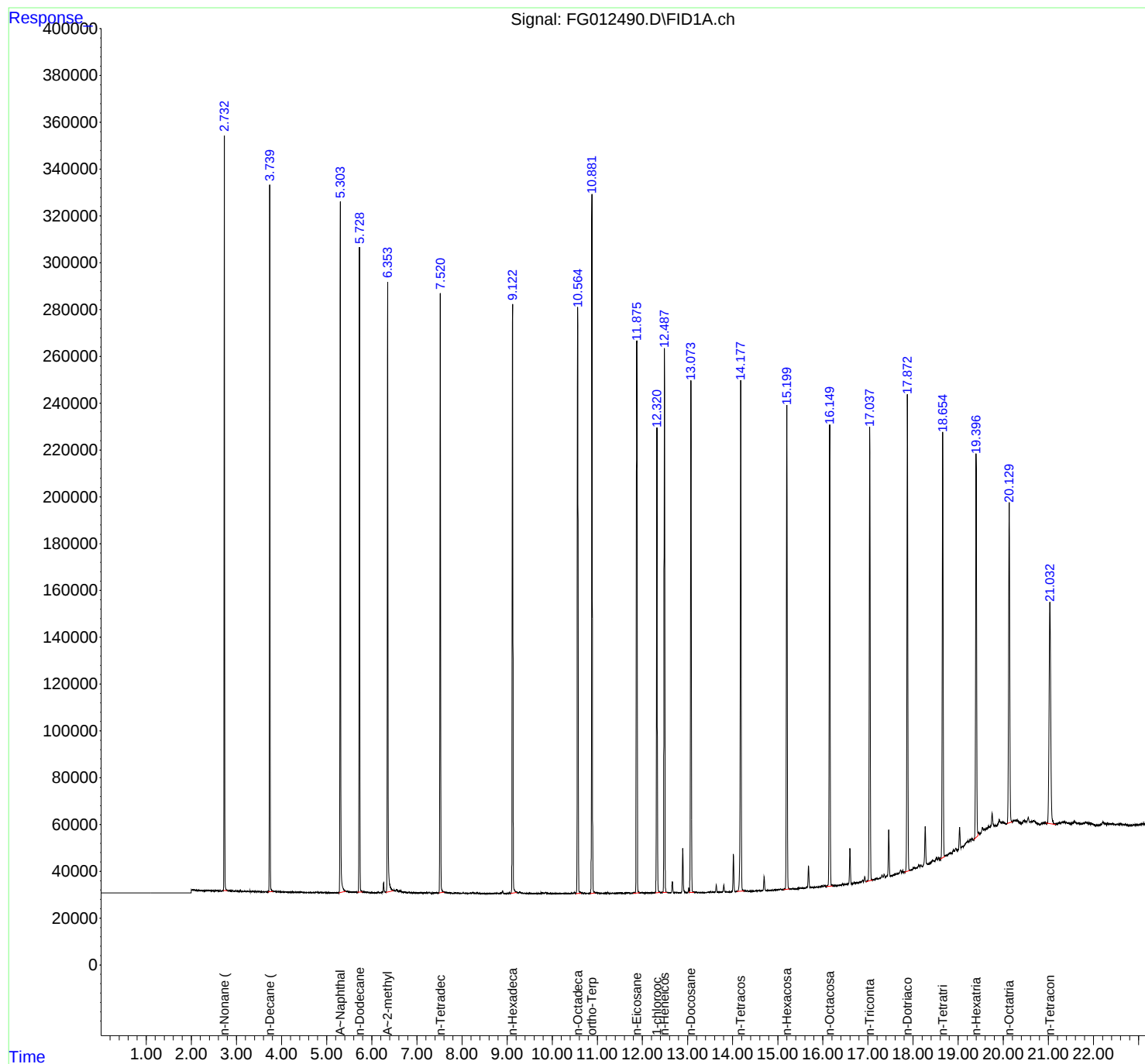
(m)=manual int.

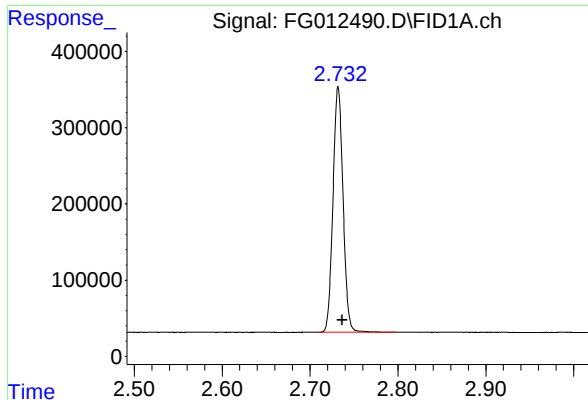
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072023AL\  
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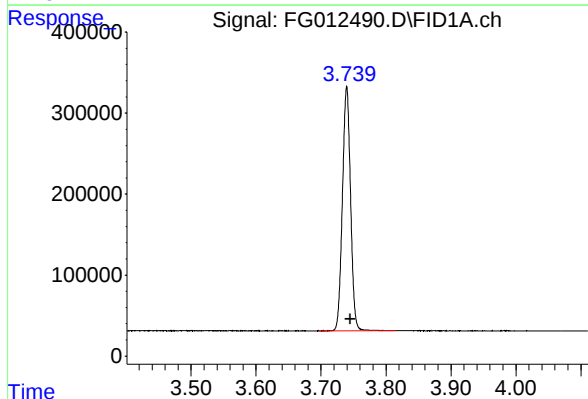




#1 n-Nonane (C9)

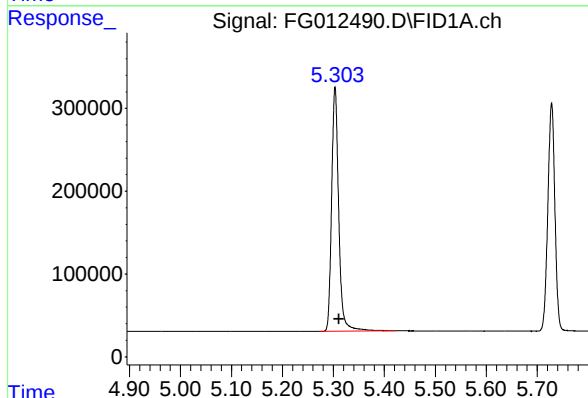
R.T.: 2.732 min  
Delta R.T.: -0.005 min  
Response: 2561547  
Conc: 20.59 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



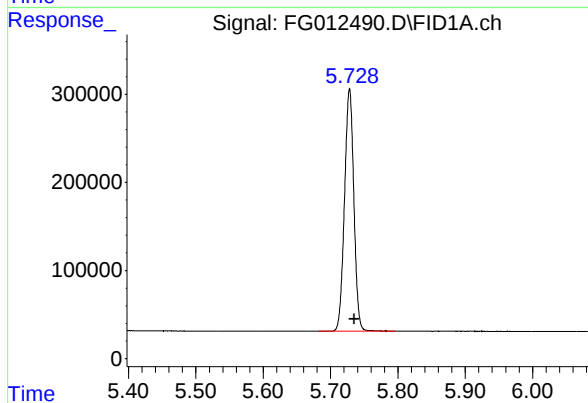
#2 n-Decane (C10)

R.T.: 3.740 min  
Delta R.T.: -0.006 min  
Response: 2624307  
Conc: 20.64 ug/ml



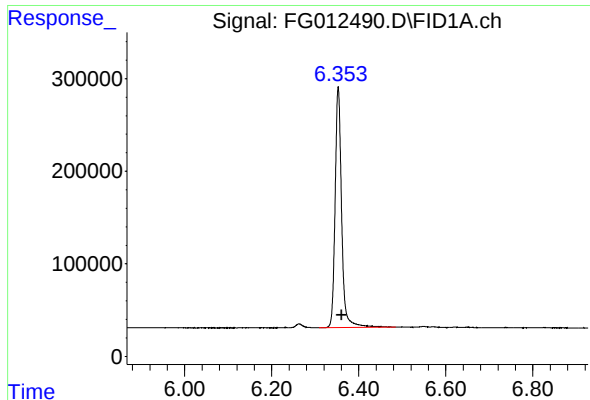
#3 A~Naphthalene (C11.7)

R.T.: 5.303 min  
Delta R.T.: -0.008 min  
Response: 2849005  
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

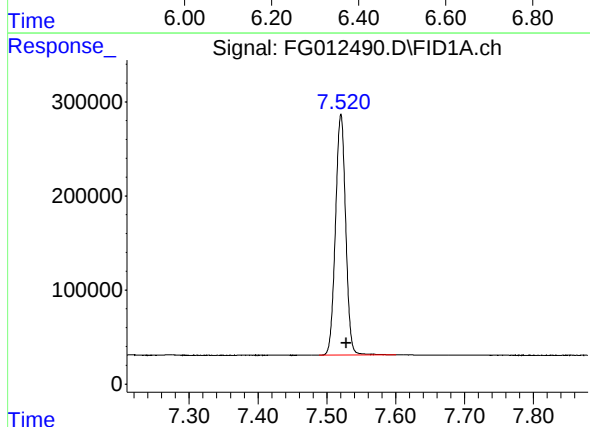
R.T.: 5.728 min  
Delta R.T.: -0.007 min  
Response: 2649928  
Conc: 20.60 ug/ml



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

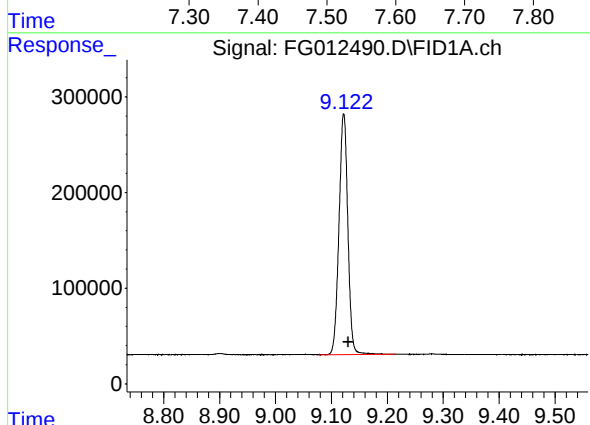
R.T.: 6.353 min  
Delta R.T.: -0.008 min  
Response: 2699963  
Conc: 20.68 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



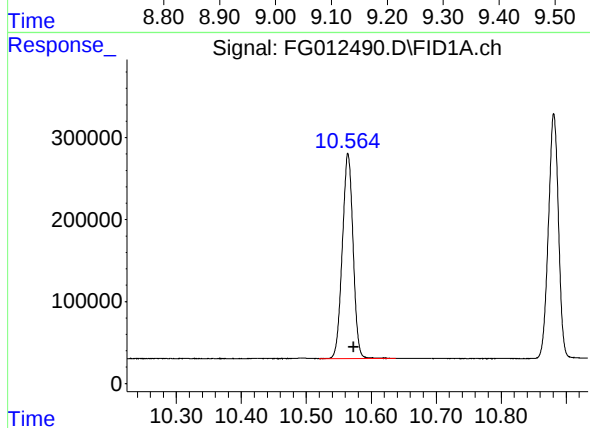
#6 n-Tetradecane (C14)

R.T.: 7.521 min  
Delta R.T.: -0.008 min  
Response: 2634571  
Conc: 20.63 ug/ml



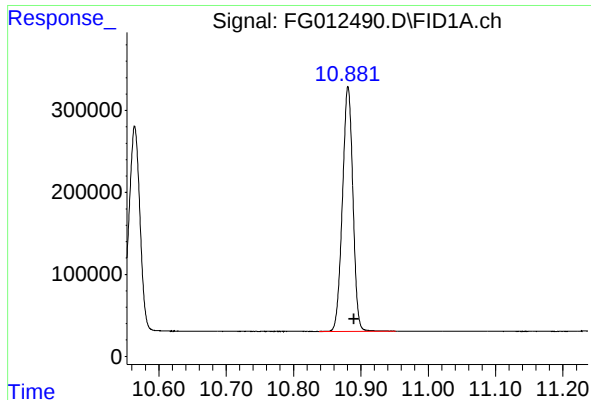
#7 n-Hexadecane (C16)

R.T.: 9.122 min  
Delta R.T.: -0.008 min  
Response: 2768671  
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

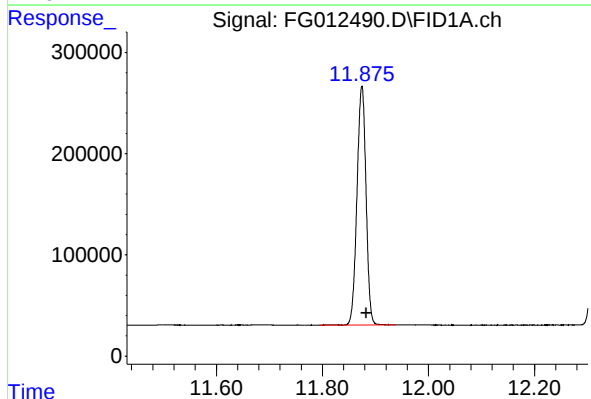
R.T.: 10.564 min  
Delta R.T.: -0.008 min  
Response: 2870111  
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

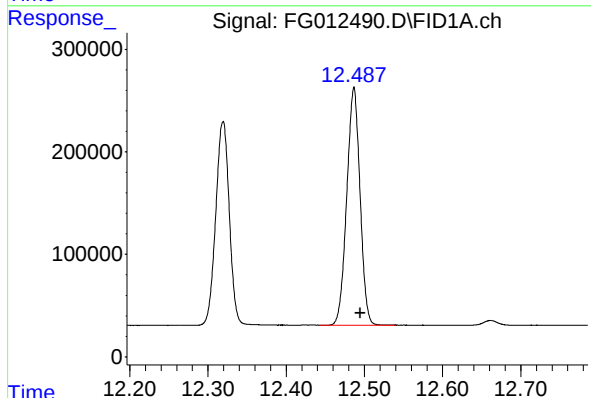
R.T.: 10.881 min  
Delta R.T.: -0.009 min  
Response: 3219414  
Conc: 20.60 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



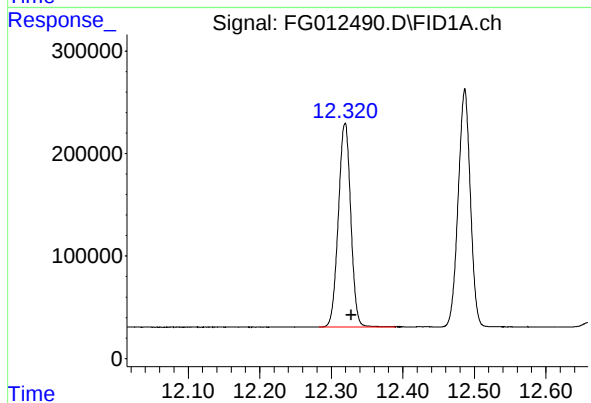
#10 n-Eicosane (C20)

R.T.: 11.875 min  
Delta R.T.: -0.008 min  
Response: 2797420  
Conc: 20.69 ug/ml



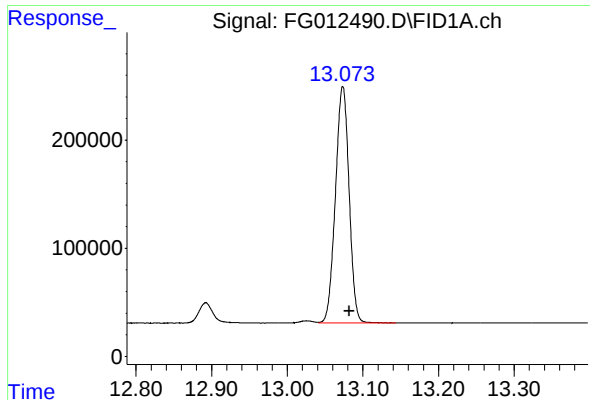
#11 n-Heneicosane (C21)

R.T.: 12.487 min  
Delta R.T.: -0.008 min  
Response: 2734504  
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

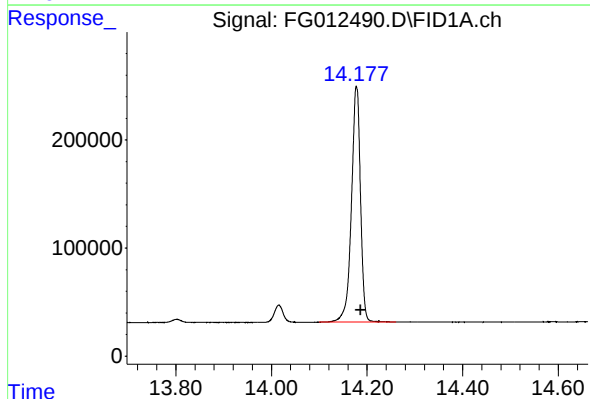
R.T.: 12.319 min  
Delta R.T.: -0.009 min  
Response: 2396045  
Conc: 20.67 ug/ml



#13 n-Docosane (C22)

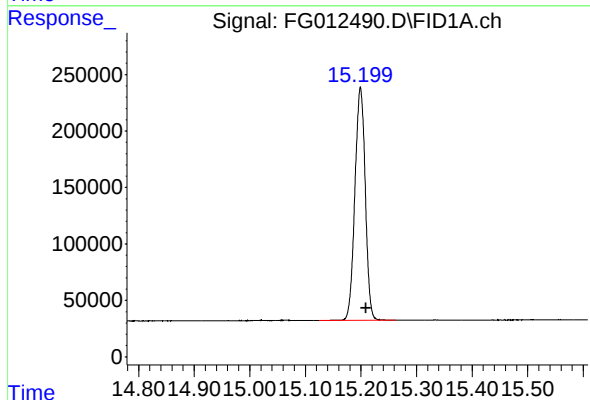
R.T.: 13.073 min  
Delta R.T.: -0.009 min  
Response: 2742560  
Conc: 20.80 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



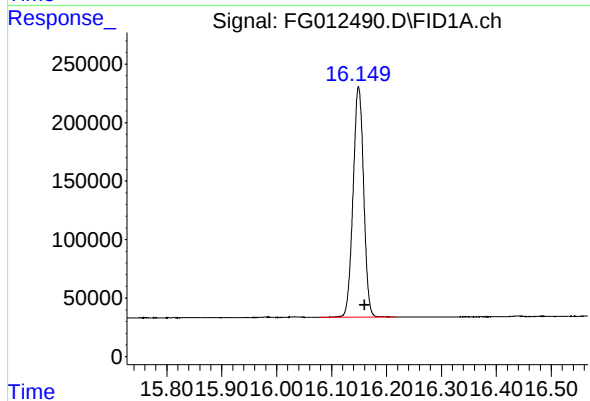
#14 n-Tetracosane (C24)

R.T.: 14.178 min  
Delta R.T.: -0.009 min  
Response: 2879473  
Conc: 20.50 ug/ml



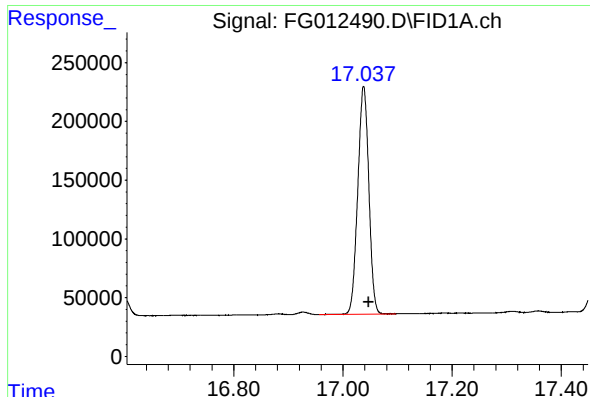
#15 n-Hexacosane (C26)

R.T.: 15.199 min  
Delta R.T.: -0.010 min  
Response: 2674755  
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

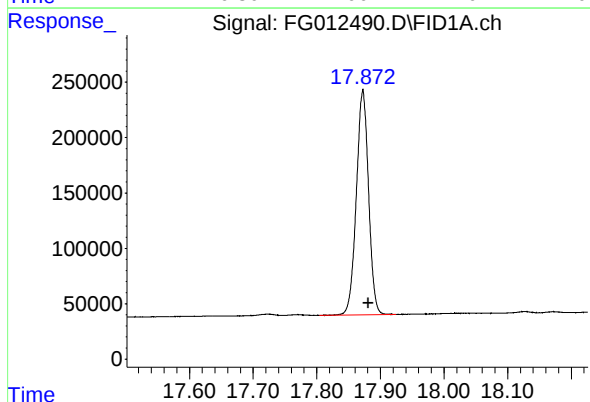
R.T.: 16.149 min  
Delta R.T.: -0.011 min  
Response: 2643168  
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

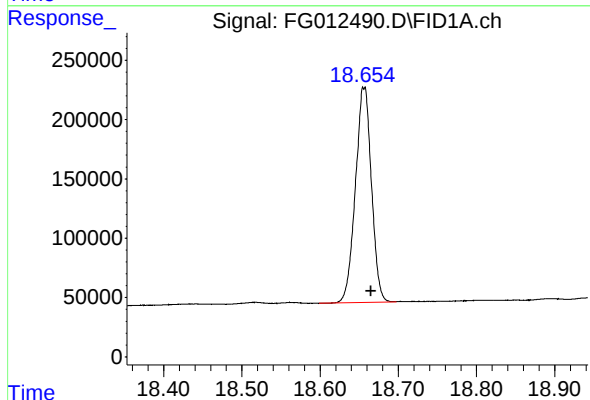
R.T.: 17.038 min  
Delta R.T.: -0.010 min  
Response: 2727508  
Conc: 20.64 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



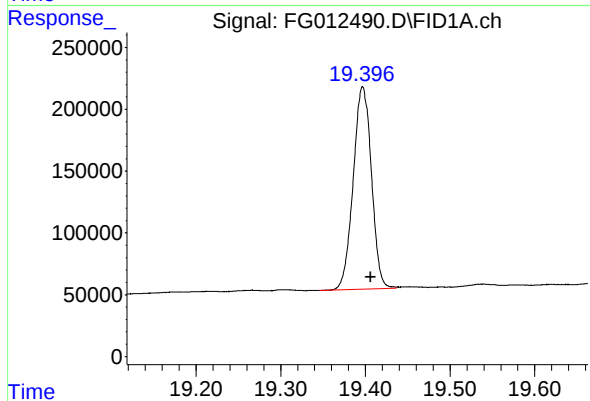
#18 n-Dotriacontane (C32)

R.T.: 17.872 min  
Delta R.T.: -0.009 min  
Response: 2708788  
Conc: 20.36 ug/ml



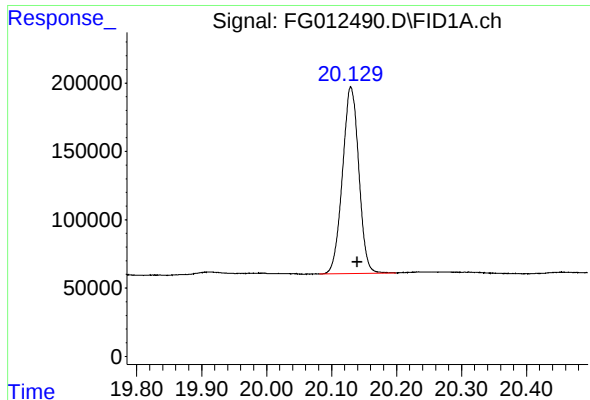
#19 n-Tetratriacontane (C34)

R.T.: 18.656 min  
Delta R.T.: -0.009 min  
Response: 2587873  
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.397 min  
Delta R.T.: -0.009 min  
Response: 2453356  
Conc: 19.85 ug/ml



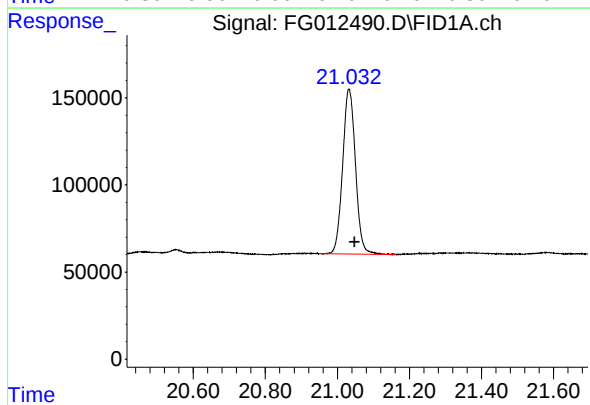
#21 n-Octatriacontane (C38)

R.T.: 20.130 min  
Delta R.T.: -0.010 min  
Response: 2374675  
Conc: 19.88 ug/ml

Instrument :

FID\_G

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.032 min  
Delta R.T.: -0.016 min  
Response: 2337817  
Conc: 20.18 ug/ml