

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072123AL\  
 Data File : FG012510.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Jul 2023 19:38  
 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 05:47:18 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)    | 10.889 | 3175005    | 20.319 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.64%       |
| 12) S 1-chlorooctadecane (S... | 12.327 | 2360541    | 20.367 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.73%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.733  | 2578074    | 20.726 ug/ml |
| 2) T n-Decane (C10)            | 3.741  | 2628221    | 20.671 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.310  | 2829318    | 20.441 ug/ml |
| 4) T n-Dodecane (C12)          | 5.731  | 2645034    | 20.560 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.360  | 2696459    | 20.651 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.525  | 2631707    | 20.608 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.126  | 2753997    | 20.655 ug/ml |
| 8) T n-Octadecane (C18)        | 10.570 | 2835441    | 20.418 ug/ml |
| 10) T n-Eicosane (C20)         | 11.881 | 2784192    | 20.594 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.494 | 2696280    | 20.324 ug/ml |
| 13) T n-Docosane (C22)         | 13.081 | 2699837    | 20.479 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.184 | 2911309    | 20.728 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.208 | 2706357    | 21.439 ug/ml |
| 16) T n-Octacosane (C28)       | 16.158 | 2679767    | 21.317 ug/ml |
| 17) T n-Tricontane (C30)       | 17.048 | 2802412    | 21.208 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.882 | 2802037    | 21.059 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.667 | 2732782    | 21.329 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.407 | 2613630    | 21.151 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.145 | 2731576    | 22.870 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.052 | 2430541    | 20.976 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

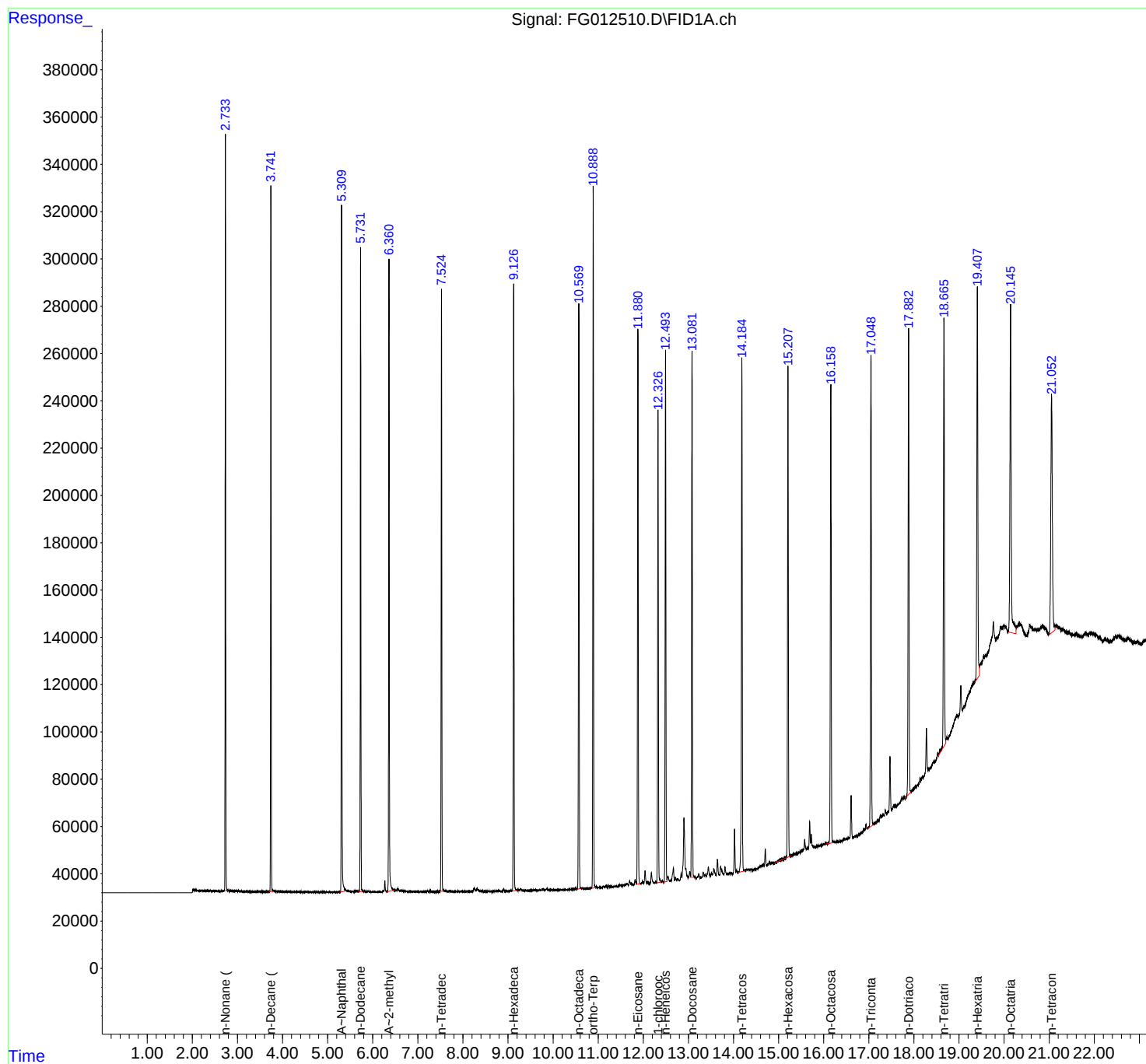
(m)=manual int.

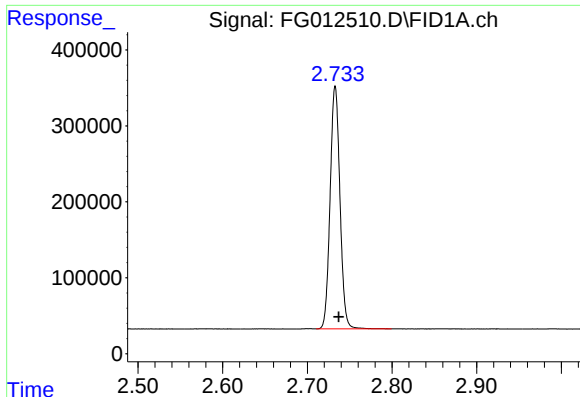
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072123AL\  
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Volume Inj. : 1 ul  
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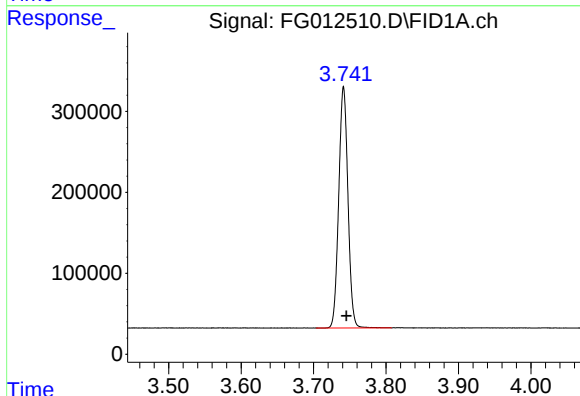




#1 n-Nonane (C9)

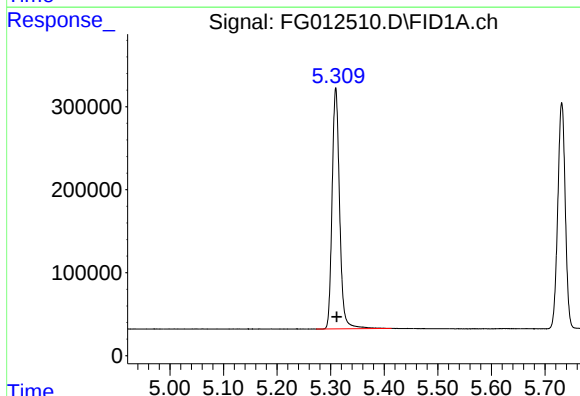
R.T.: 2.733 min  
Delta R.T.: -0.004 min  
Response: 2578074  
Conc: 20.73 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



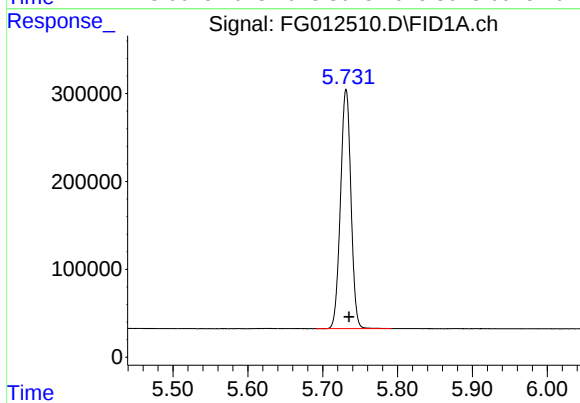
#2 n-Decane (C10)

R.T.: 3.741 min  
Delta R.T.: -0.004 min  
Response: 2628221  
Conc: 20.67 ug/ml



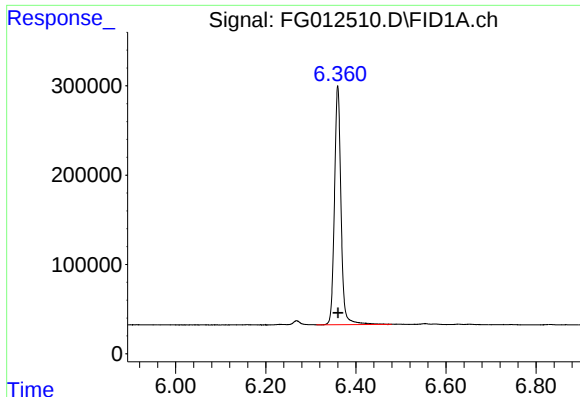
#3 A~Naphthalene (C11.7)

R.T.: 5.310 min  
Delta R.T.: -0.001 min  
Response: 2829318  
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

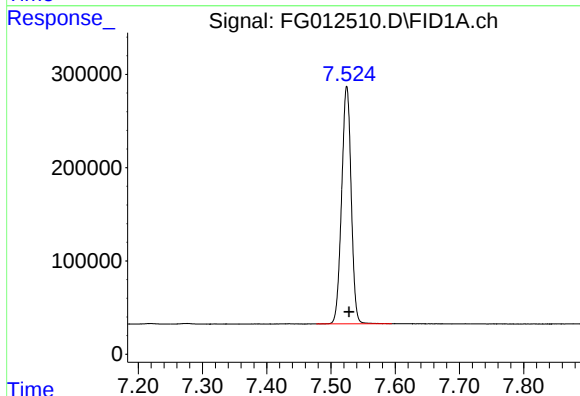
R.T.: 5.731 min  
Delta R.T.: -0.004 min  
Response: 2645034  
Conc: 20.56 ug/ml



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

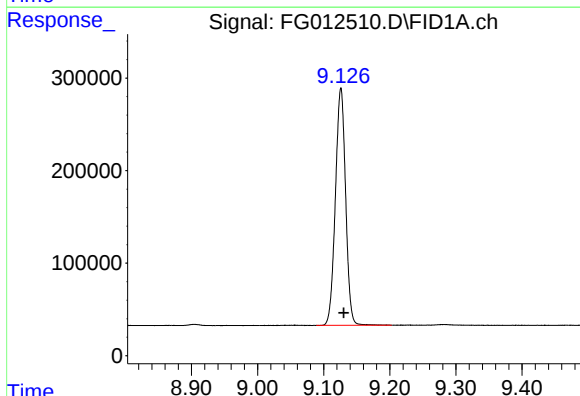
R.T.: 6.360 min  
Delta R.T.: 0.000 min  
Response: 2696459  
Conc: 20.65 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



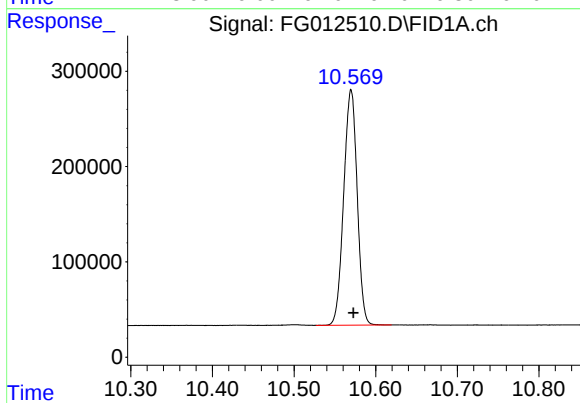
#6 n-Tetradecane (C14)

R.T.: 7.525 min  
Delta R.T.: -0.003 min  
Response: 2631707  
Conc: 20.61 ug/ml



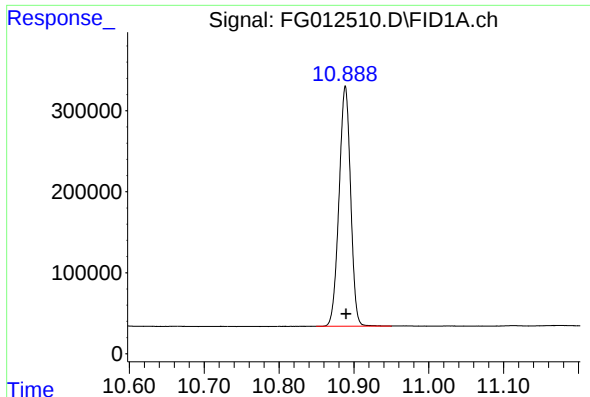
#7 n-Hexadecane (C16)

R.T.: 9.126 min  
Delta R.T.: -0.004 min  
Response: 2753997  
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

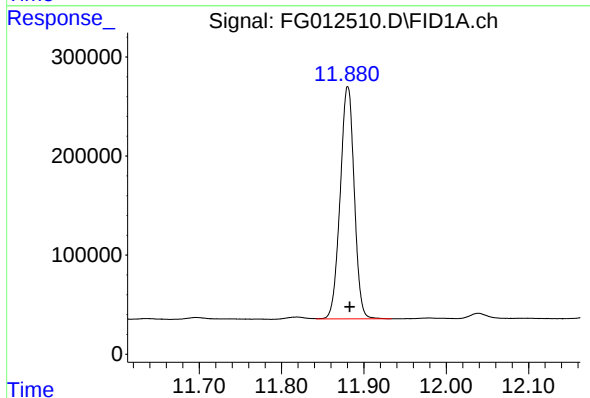
R.T.: 10.570 min  
Delta R.T.: -0.003 min  
Response: 2835441  
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

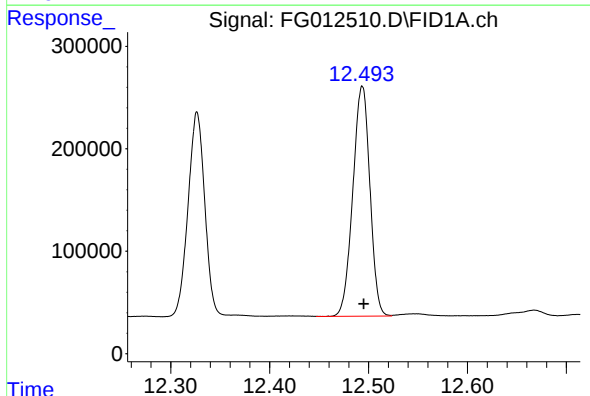
R.T.: 10.889 min  
Delta R.T.: -0.001 min  
Response: 3175005  
Conc: 20.32 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



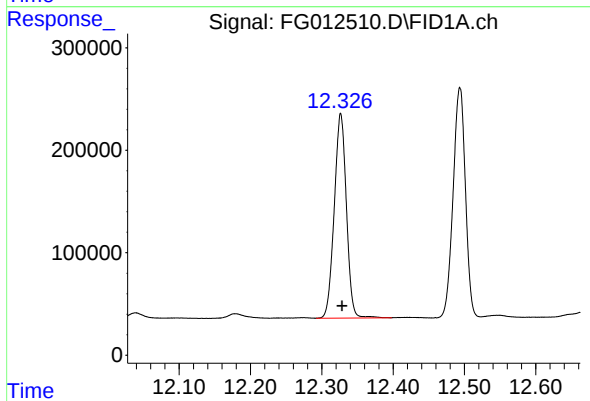
#10 n-Eicosane (C20)

R.T.: 11.881 min  
Delta R.T.: -0.002 min  
Response: 2784192  
Conc: 20.59 ug/ml



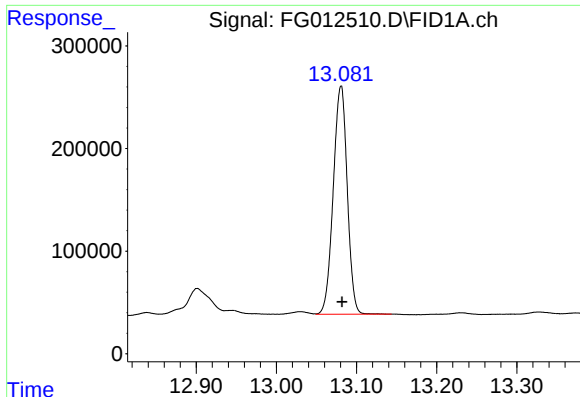
#11 n-Heneicosane (C21)

R.T.: 12.494 min  
Delta R.T.: -0.001 min  
Response: 2696280  
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

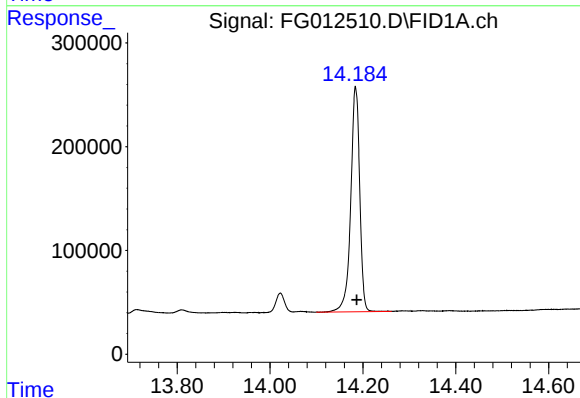
R.T.: 12.327 min  
Delta R.T.: -0.002 min  
Response: 2360541  
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

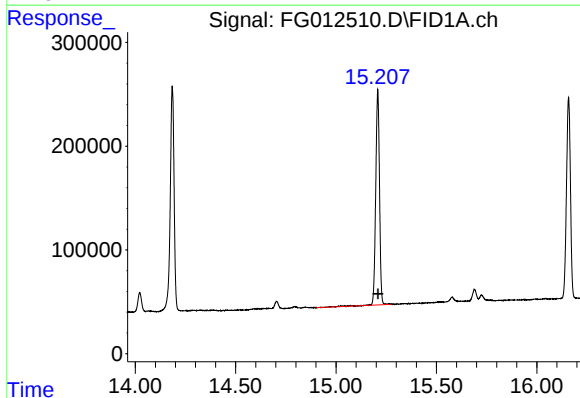
R.T.: 13.081 min  
Delta R.T.: -0.001 min  
Response: 2699837  
Conc: 20.48 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



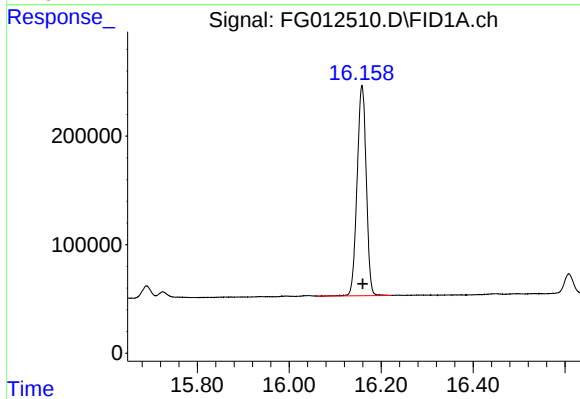
#14 n-Tetracosane (C24)

R.T.: 14.184 min  
Delta R.T.: -0.003 min  
Response: 2911309  
Conc: 20.73 ug/ml



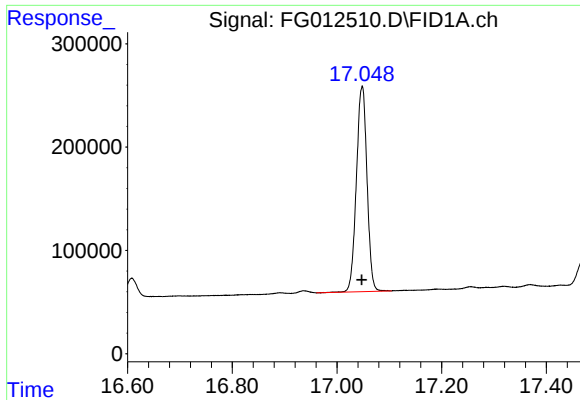
#15 n-Hexacosane (C26)

R.T.: 15.208 min  
Delta R.T.: -0.002 min  
Response: 2706357  
Conc: 21.44 ug/ml



#16 n-Octacosane (C28)

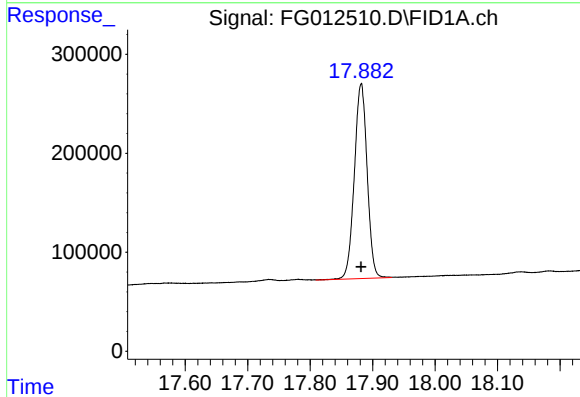
R.T.: 16.158 min  
Delta R.T.: -0.002 min  
Response: 2679767  
Conc: 21.32 ug/ml



#17 n-Tricontane (C30)

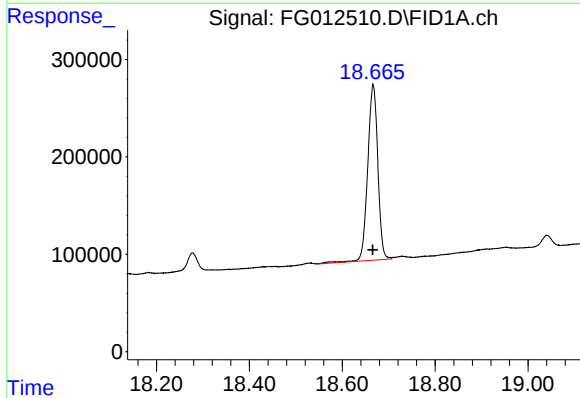
R.T.: 17.048 min  
Delta R.T.: 0.000 min  
Response: 2802412  
Conc: 21.21 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



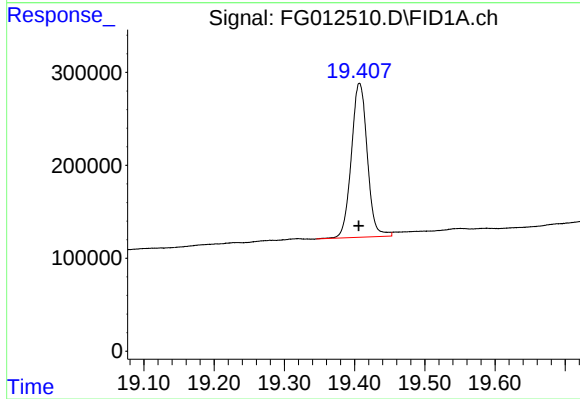
#18 n-Dotriacontane (C32)

R.T.: 17.882 min  
Delta R.T.: 0.000 min  
Response: 2802037  
Conc: 21.06 ug/ml



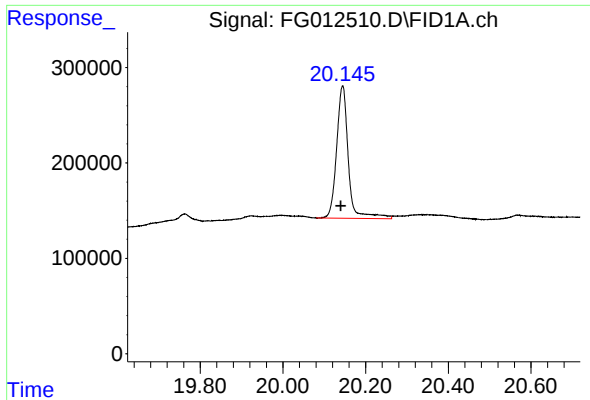
#19 n-Tetratriacontane (C34)

R.T.: 18.667 min  
Delta R.T.: 0.001 min  
Response: 2732782  
Conc: 21.33 ug/ml



#20 n-Hexatriacontane (C36)

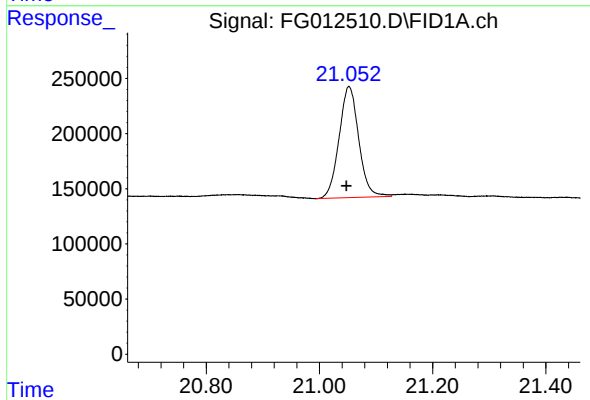
R.T.: 19.407 min  
Delta R.T.: 0.001 min  
Response: 2613630  
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.145 min  
Delta R.T.: 0.005 min  
Response: 2731576  
Conc: 22.87 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.052 min  
Delta R.T.: 0.004 min  
Response: 2430541  
Conc: 20.98 ug/ml