

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102924AL\  
 Data File : FG014573.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Oct 2024 23:02  
 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: Oct 30 06:19:51 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 102124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 06:49:54 2024  
 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)    | 11.961 | 3140601    | 20.491 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.98%       |
| 12) S 1-chlorooctadecane (S... | 13.400 | 2425001    | 19.749 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.50%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.334  | 2737083    | 21.150 ug/ml |
| 2) T n-Decane (C10)            | 4.585  | 2803812    | 21.278 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.289  | 3050785    | 21.267 ug/ml |
| 4) T n-Dodecane (C12)          | 6.754  | 2845159    | 21.417 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.386  | 2971174    | 21.298 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.585  | 2830467    | 21.333 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.196 | 2917405    | 20.994 ug/ml |
| 8) T n-Octadecane (C18)        | 11.643 | 2934400    | 20.498 ug/ml |
| 10) T n-Eicosane (C20)         | 12.955 | 2814123    | 20.011 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.568 | 2762452    | 19.737 ug/ml |
| 13) T n-Docosane (C22)         | 14.155 | 2736458    | 19.453 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.259 | 2701600    | 18.986 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.281 | 2620331    | 18.564 ug/ml |
| 16) T n-Octacosane (C28)       | 17.230 | 2526399    | 18.280 ug/ml |
| 17) T n-Tricontane (C30)       | 18.118 | 2542780    | 18.346 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.951 | 2426104    | 18.531 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.733 | 2099556    | 18.758 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.475 | 1805573    | 19.399 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.224 | 1705438    | 20.413 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.165 | 1660505    | 21.836 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

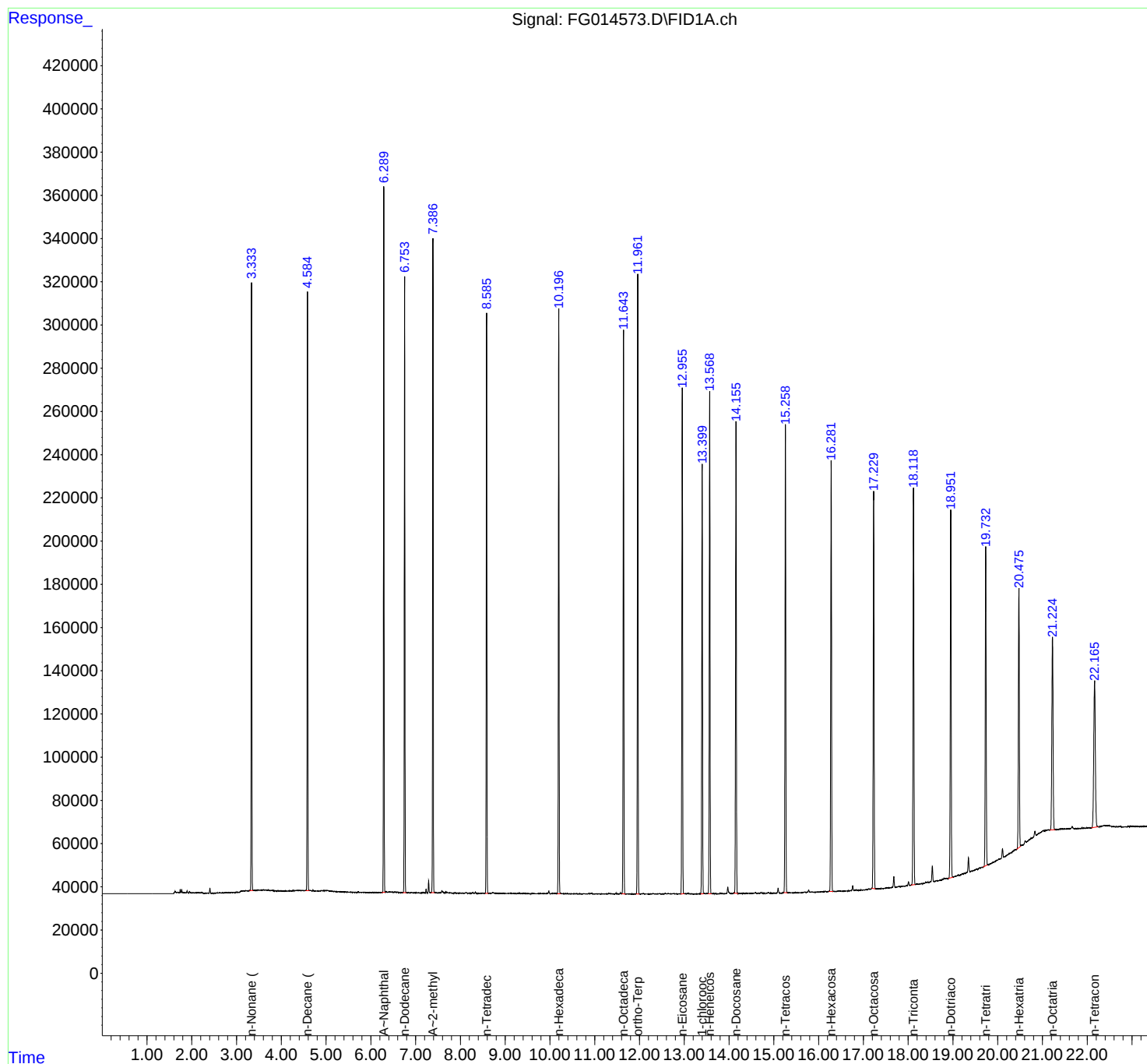
(m)=manual int.

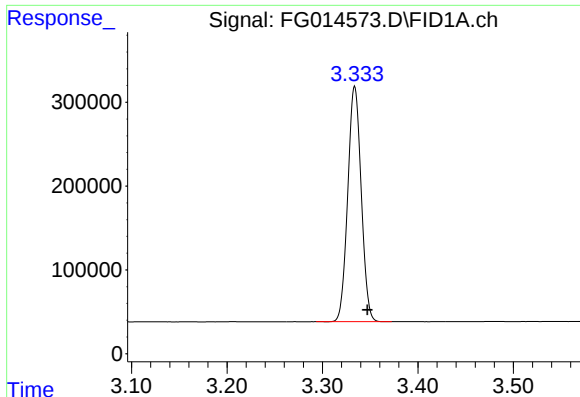
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102924AL\  
Data File : FG014573.D  
Signal(s) : FID1A.ch  
Acq On : 29 Oct 2024 23:02  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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QLast Update : Tue Oct 22 06:49:54 2024  
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Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

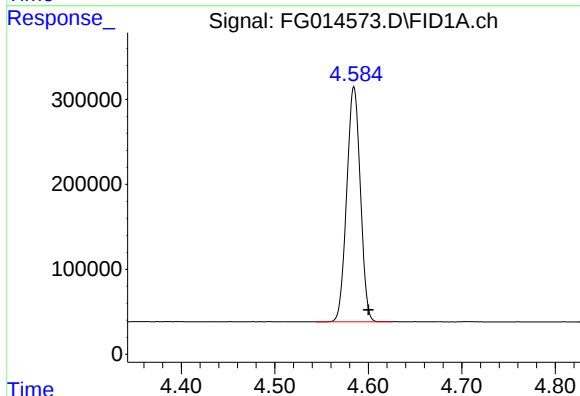




#1 n-Nonane (C9)

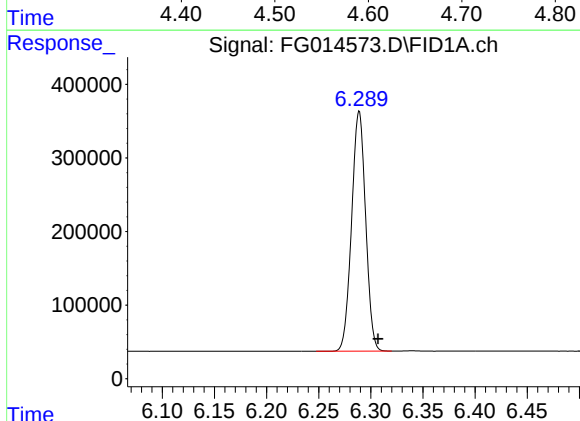
R.T.: 3.334 min  
Delta R.T.: -0.013 min  
Response: 2737083  
Conc: 21.15 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



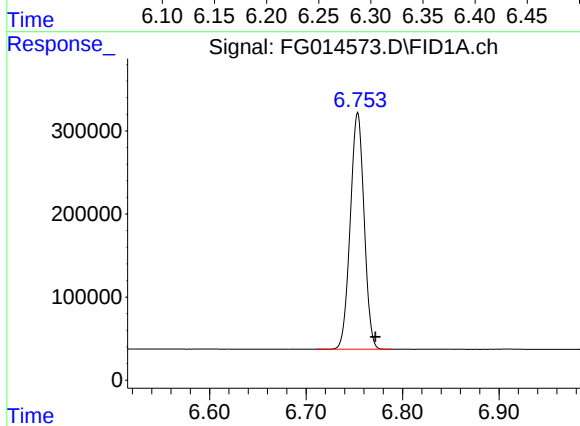
#2 n-Decane (C10)

R.T.: 4.585 min  
Delta R.T.: -0.015 min  
Response: 2803812  
Conc: 21.28 ug/ml



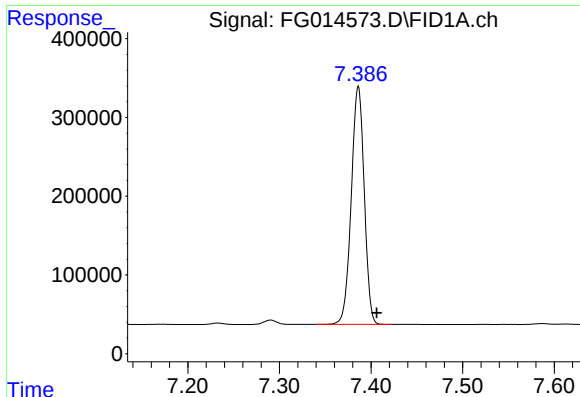
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min  
Delta R.T.: -0.018 min  
Response: 3050785  
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

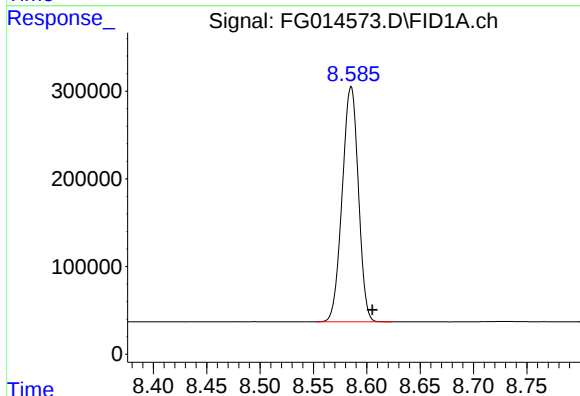
R.T.: 6.754 min  
Delta R.T.: -0.018 min  
Response: 2845159  
Conc: 21.42 ug/ml



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

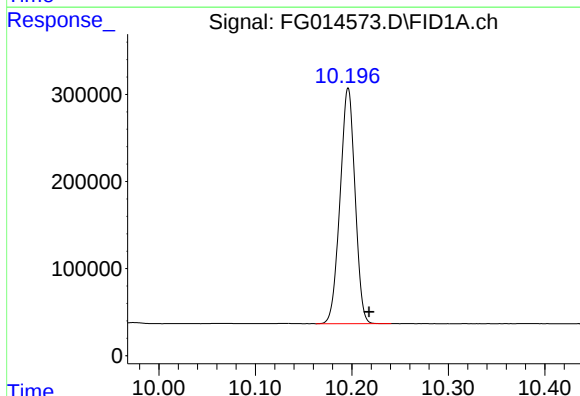
R.T.: 7.386 min  
Delta R.T.: -0.020 min  
Response: 2971174  
Conc: 21.30 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



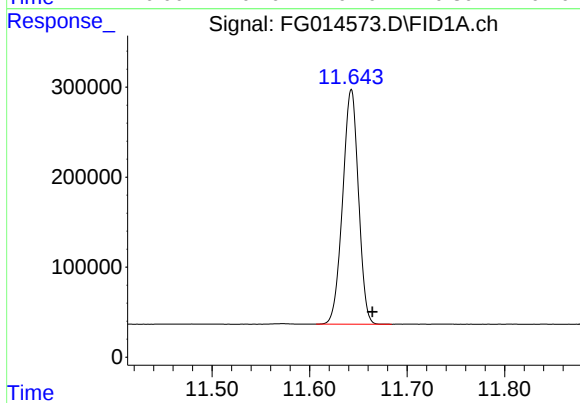
#6 n-Tetradecane (C14)

R.T.: 8.585 min  
Delta R.T.: -0.020 min  
Response: 2830467  
Conc: 21.33 ug/ml



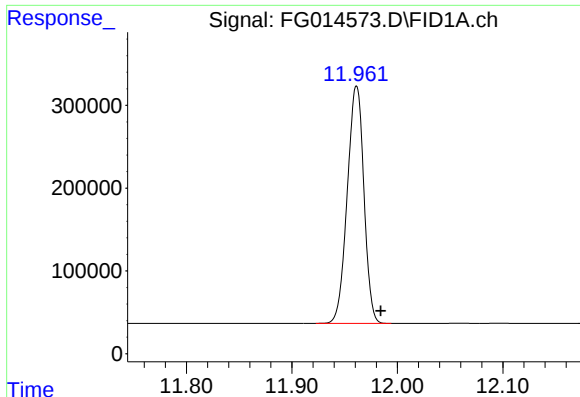
#7 n-Hexadecane (C16)

R.T.: 10.196 min  
Delta R.T.: -0.021 min  
Response: 2917405  
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

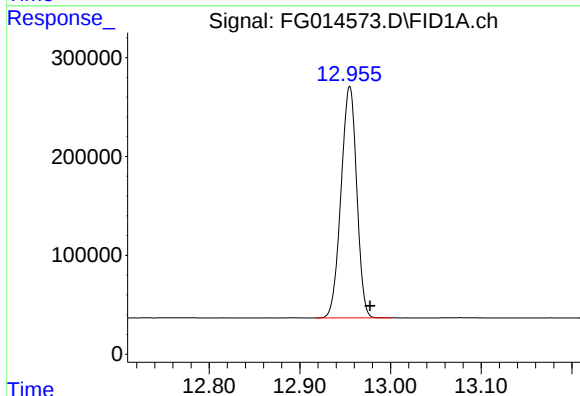
R.T.: 11.643 min  
Delta R.T.: -0.022 min  
Response: 2934400  
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

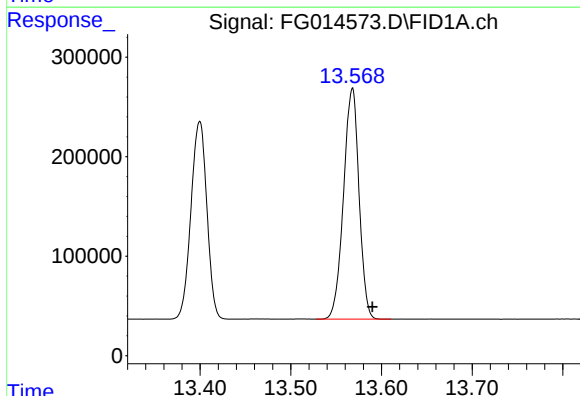
R.T.: 11.961 min  
Delta R.T.: -0.023 min  
Response: 3140601  
Conc: 20.49 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



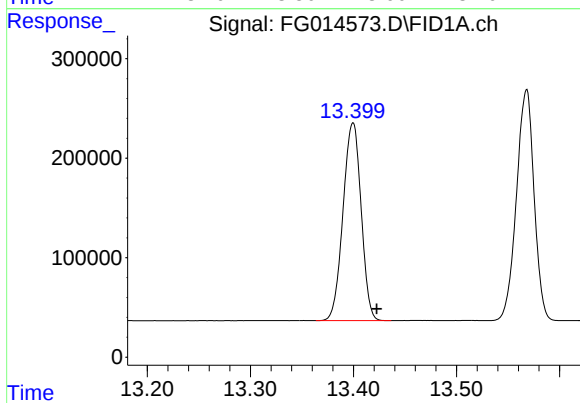
#10 n-Eicosane (C20)

R.T.: 12.955 min  
Delta R.T.: -0.022 min  
Response: 2814123  
Conc: 20.01 ug/ml



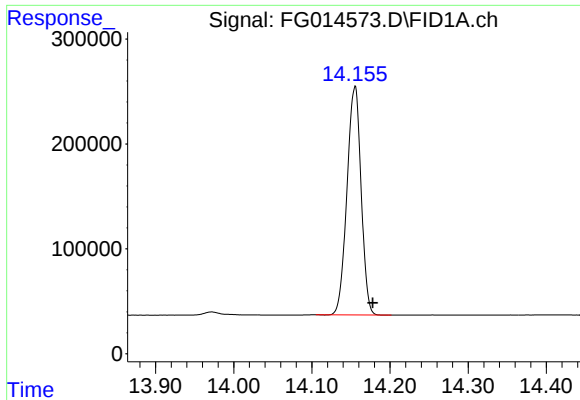
#11 n-Heneicosane (C21)

R.T.: 13.568 min  
Delta R.T.: -0.022 min  
Response: 2762452  
Conc: 19.74 ug/ml



#12 1-chlorooctadecane (SURR)

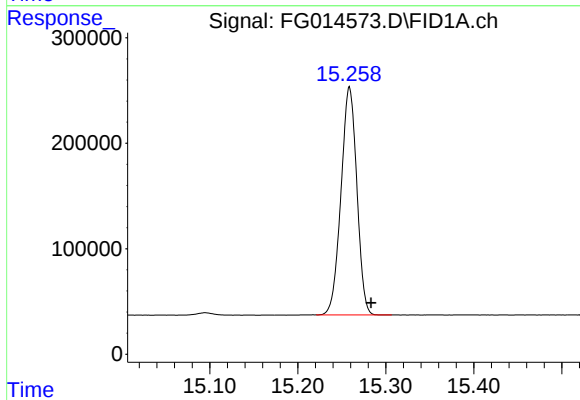
R.T.: 13.400 min  
Delta R.T.: -0.023 min  
Response: 2425001  
Conc: 19.75 ug/ml



#13 n-Docosane (C22)

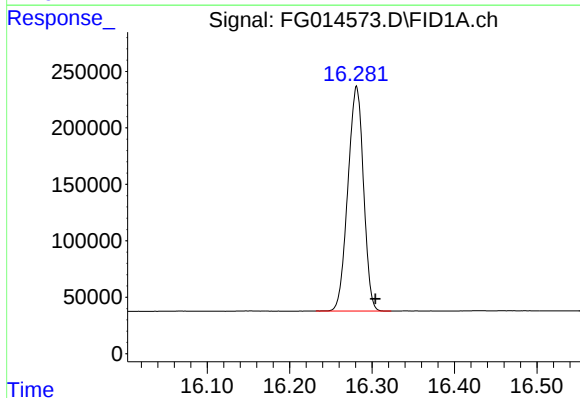
R.T.: 14.155 min  
Delta R.T.: -0.023 min  
Response: 2736458  
Conc: 19.45 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



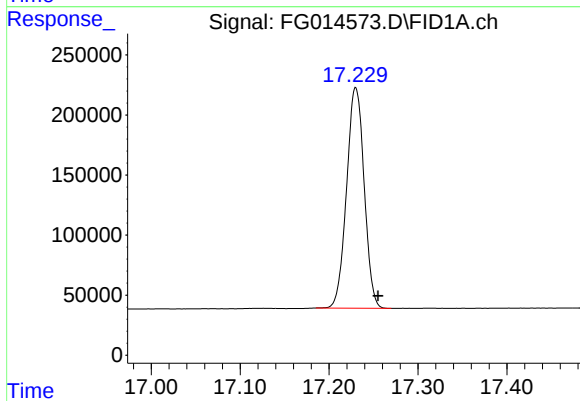
#14 n-Tetracosane (C24)

R.T.: 15.259 min  
Delta R.T.: -0.025 min  
Response: 2701600  
Conc: 18.99 ug/ml



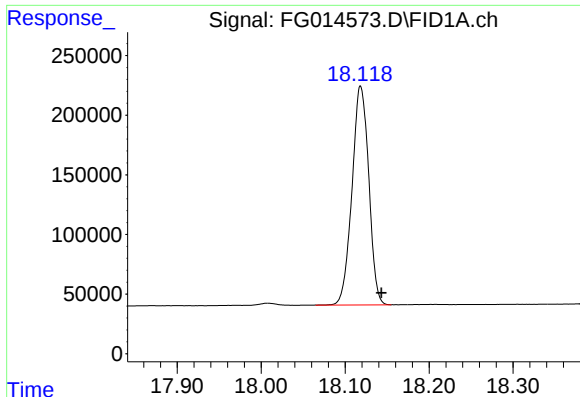
#15 n-Hexacosane (C26)

R.T.: 16.281 min  
Delta R.T.: -0.023 min  
Response: 2620331  
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

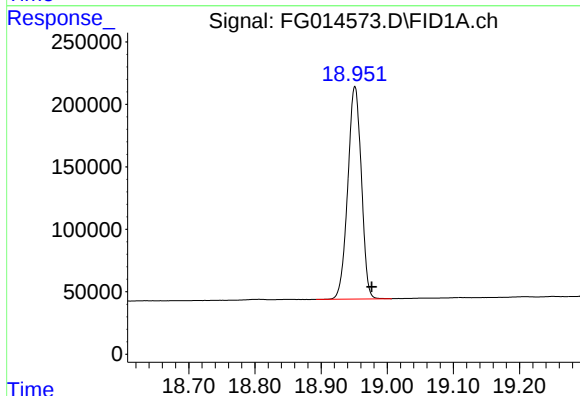
R.T.: 17.230 min  
Delta R.T.: -0.025 min  
Response: 2526399  
Conc: 18.28 ug/ml



#17 n-Tricontane (C30)

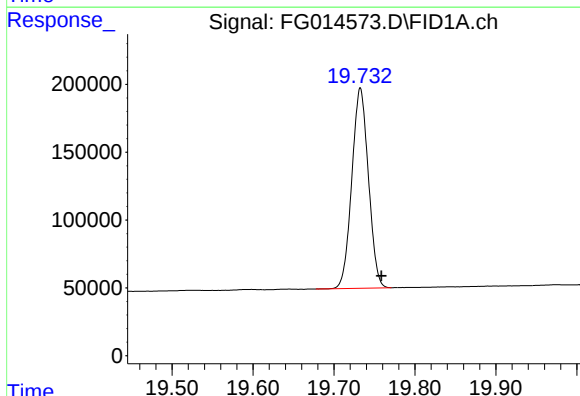
R.T.: 18.118 min  
Delta R.T.: -0.025 min  
Response: 2542780  
Conc: 18.35 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



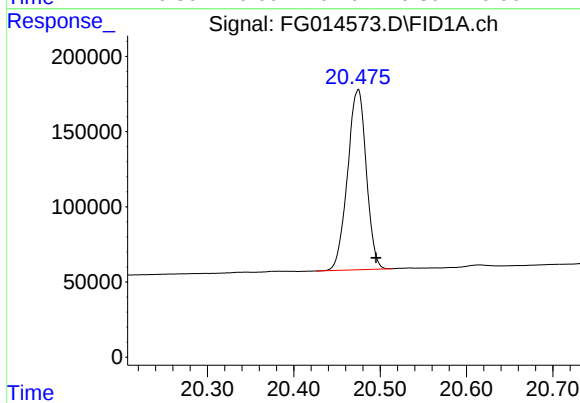
#18 n-Dotriacontane (C32)

R.T.: 18.951 min  
Delta R.T.: -0.025 min  
Response: 2426104  
Conc: 18.53 ug/ml



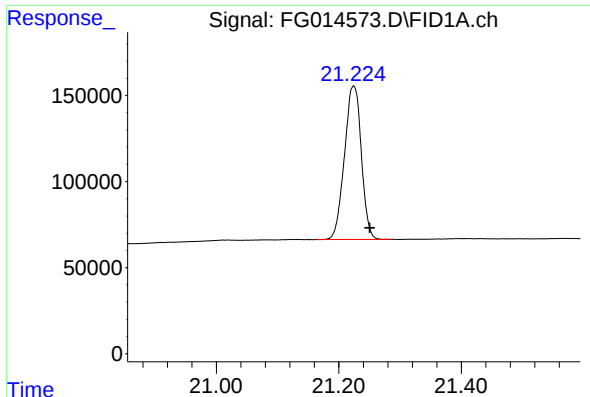
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min  
Delta R.T.: -0.026 min  
Response: 2099556  
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

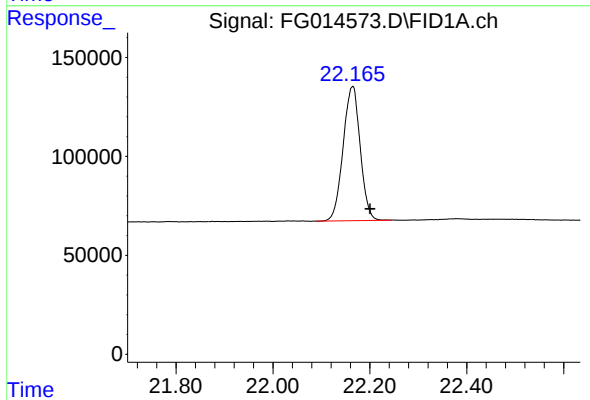
R.T.: 20.475 min  
Delta R.T.: -0.021 min  
Response: 1805573  
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min  
Delta R.T.: -0.026 min  
Response: 1705438  
Conc: 20.41 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.165 min  
Delta R.T.: -0.036 min  
Response: 1660505  
Conc: 21.84 ug/ml