

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012825AL\  
 Data File : FG015197.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Jan 2025 22:59  
 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: Jan 29 02:39:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 11:45:29 2025  
 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)    | 11.937 | 3023418    | 19.338 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.68%       |
| 12) S 1-chlorooctadecane (S... | 13.382 | 2328568    | 19.124 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.25%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.279  | 2502594    | 19.275 ug/ml |
| 2) T n-Decane (C10)            | 4.540  | 2566103    | 19.310 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.250  | 2817055    | 19.290 ug/ml |
| 4) T n-Dodecane (C12)          | 6.720  | 2633027    | 19.369 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.351  | 2760963    | 19.341 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.556  | 2660490    | 19.346 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.171 | 2801620    | 19.335 ug/ml |
| 8) T n-Octadecane (C18)        | 11.622 | 2858728    | 19.234 ug/ml |
| 10) T n-Eicosane (C20)         | 12.936 | 2756231    | 19.202 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.551 | 2710696    | 19.171 ug/ml |
| 13) T n-Docosane (C22)         | 14.139 | 2697493    | 19.185 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.247 | 2654596    | 19.073 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.273 | 2589560    | 19.118 ug/ml |
| 16) T n-Octacosane (C28)       | 17.224 | 2555437    | 19.419 ug/ml |
| 17) T n-Tricontane (C30)       | 18.115 | 2655566    | 20.018 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.949 | 2560773    | 20.304 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.735 | 2204775    | 20.249 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.477 | 1890027    | 20.244 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.226 | 1752555    | 19.971 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.164 | 1658010    | 19.561 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

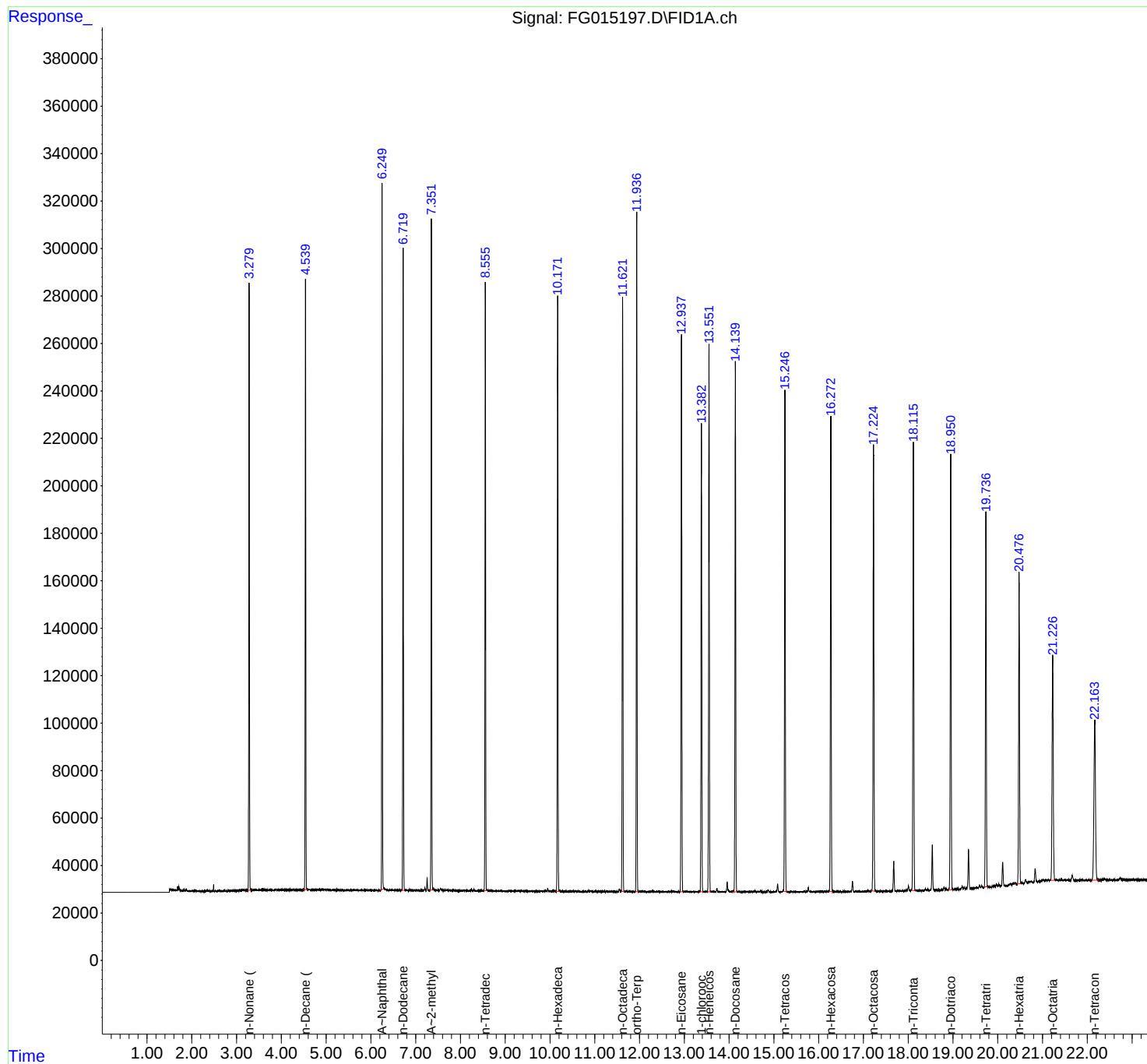
(m)=manual int.

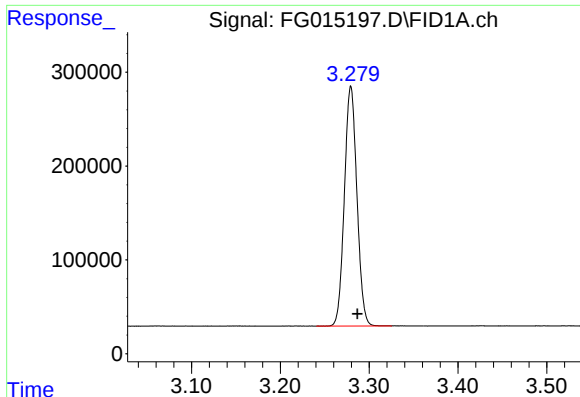
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012825AL\  
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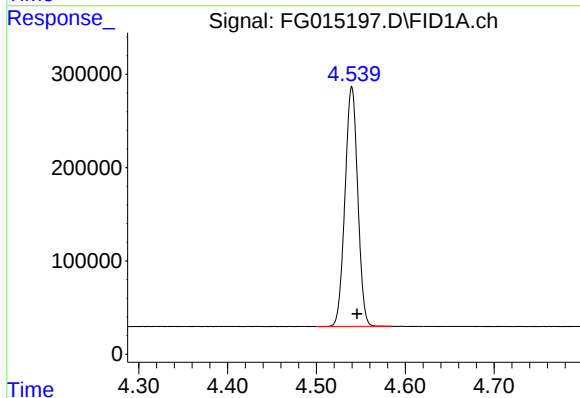




#1 n-Nonane (C9)

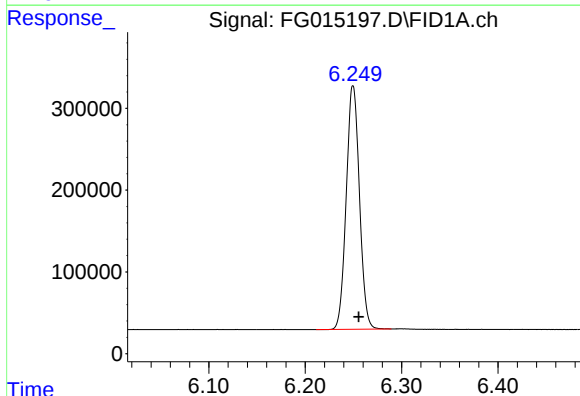
R.T.: 3.279 min  
Delta R.T.: -0.008 min  
Response: 2502594  
Conc: 19.28 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



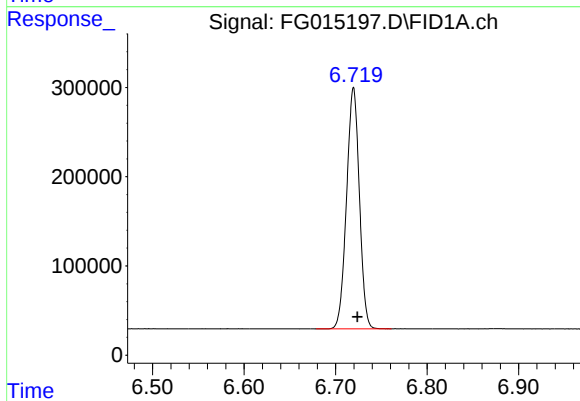
#2 n-Decane (C10)

R.T.: 4.540 min  
Delta R.T.: -0.006 min  
Response: 2566103  
Conc: 19.31 ug/ml



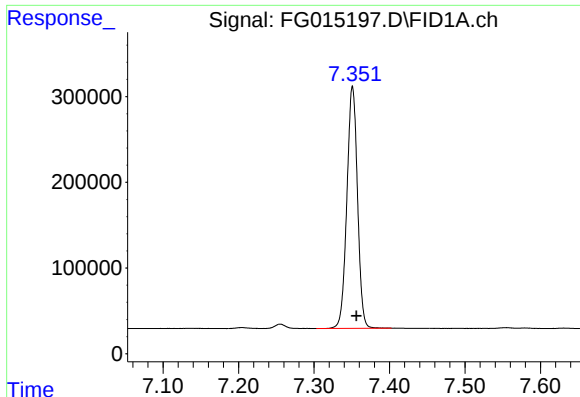
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min  
Delta R.T.: -0.006 min  
Response: 2817055  
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

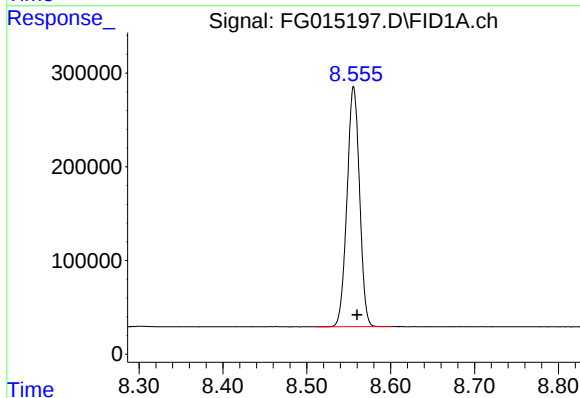
R.T.: 6.720 min  
Delta R.T.: -0.004 min  
Response: 2633027  
Conc: 19.37 ug/ml



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

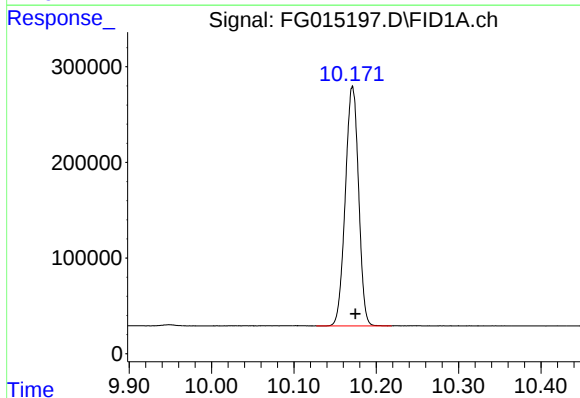
R.T.: 7.351 min  
Delta R.T.: -0.005 min  
Response: 2760963  
Conc: 19.34 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



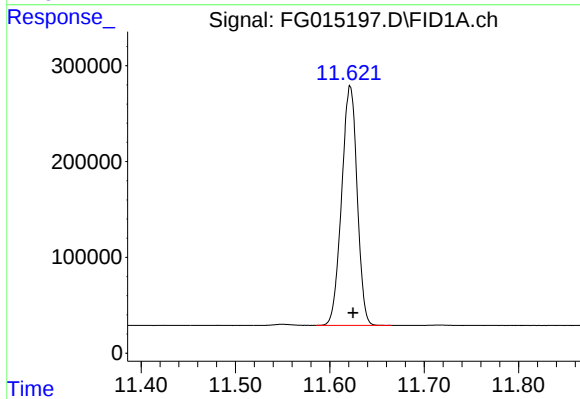
#6 n-Tetradecane (C14)

R.T.: 8.556 min  
Delta R.T.: -0.004 min  
Response: 2660490  
Conc: 19.35 ug/ml



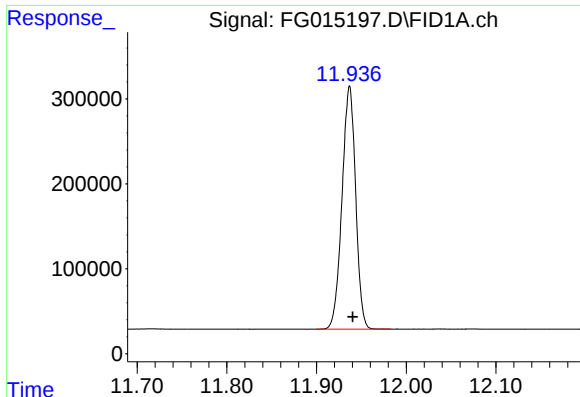
#7 n-Hexadecane (C16)

R.T.: 10.171 min  
Delta R.T.: -0.004 min  
Response: 2801620  
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

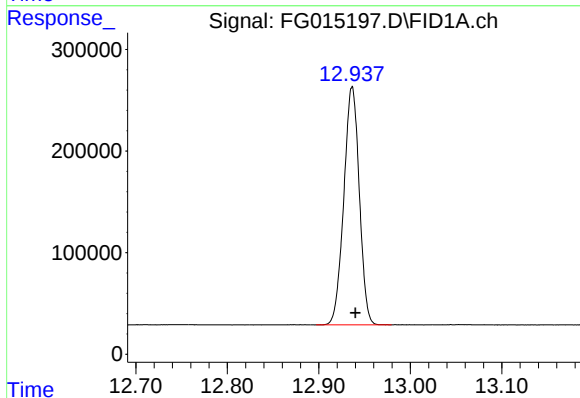
R.T.: 11.622 min  
Delta R.T.: -0.003 min  
Response: 2858728  
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

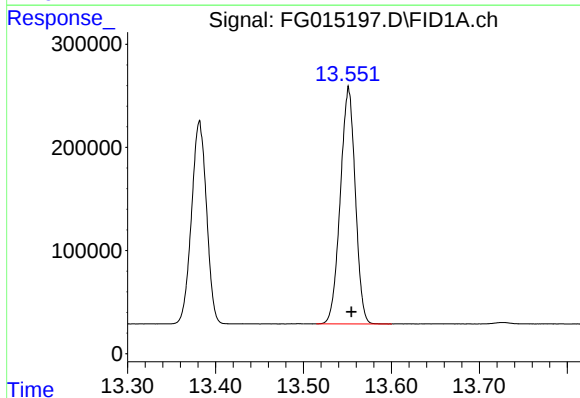
R.T.: 11.937 min  
Delta R.T.: -0.003 min  
Response: 3023418  
Conc: 19.34 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



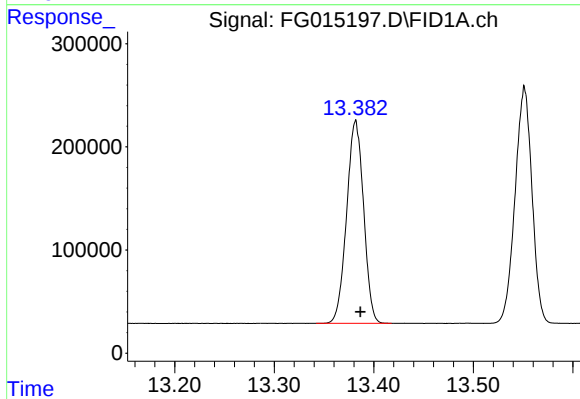
#10 n-Eicosane (C20)

R.T.: 12.936 min  
Delta R.T.: -0.004 min  
Response: 2756231  
Conc: 19.20 ug/ml



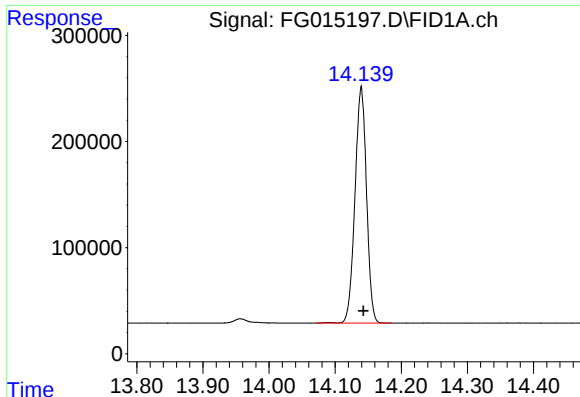
#11 n-Heneicosane (C21)

R.T.: 13.551 min  
Delta R.T.: -0.003 min  
Response: 2710696  
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

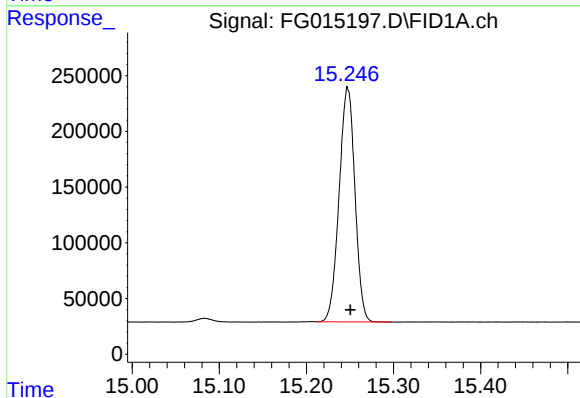
R.T.: 13.382 min  
Delta R.T.: -0.005 min  
Response: 2328568  
Conc: 19.12 ug/ml



#13 n-Docosane (C22)

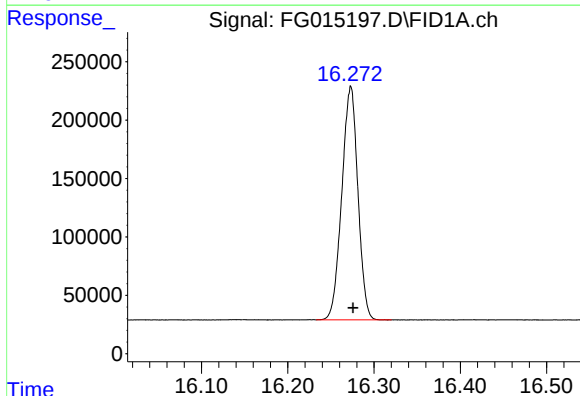
R.T.: 14.139 min  
Delta R.T.: -0.003 min  
Response: 2697493  
Conc: 19.19 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



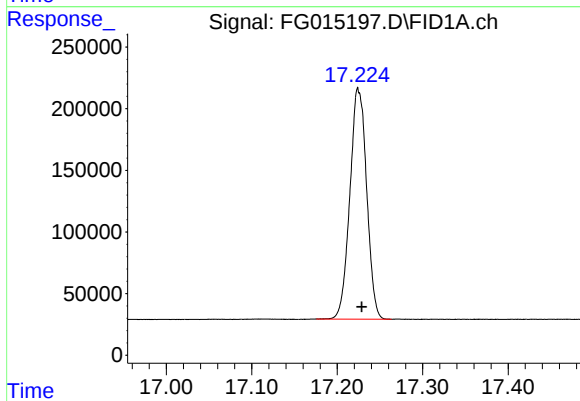
#14 n-Tetracosane (C24)

R.T.: 15.247 min  
Delta R.T.: -0.003 min  
Response: 2654596  
Conc: 19.07 ug/ml



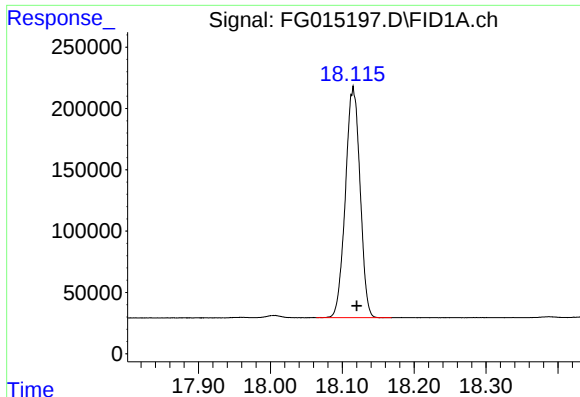
#15 n-Hexacosane (C26)

R.T.: 16.273 min  
Delta R.T.: -0.003 min  
Response: 2589560  
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

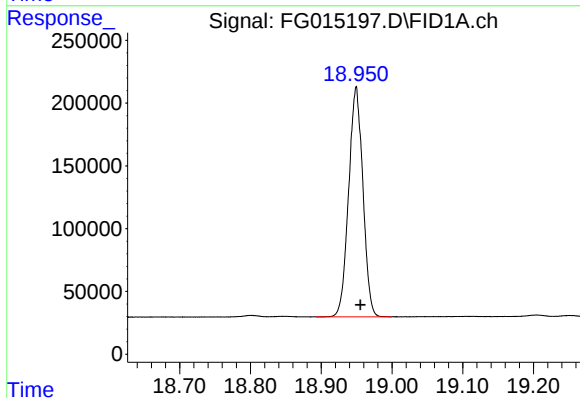
R.T.: 17.224 min  
Delta R.T.: -0.004 min  
Response: 2555437  
Conc: 19.42 ug/ml



#17 n-Tricontane (C30)

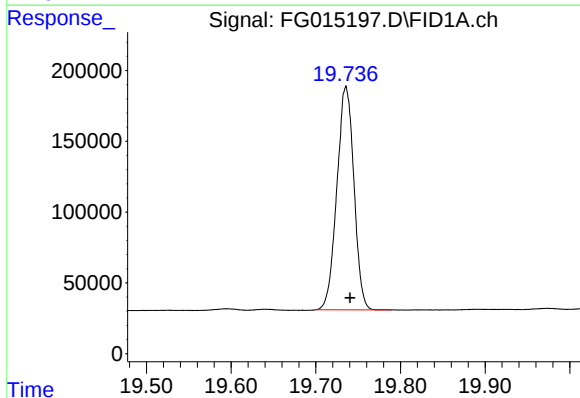
R.T.: 18.115 min  
Delta R.T.: -0.005 min  
Response: 2655566  
Conc: 20.02 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



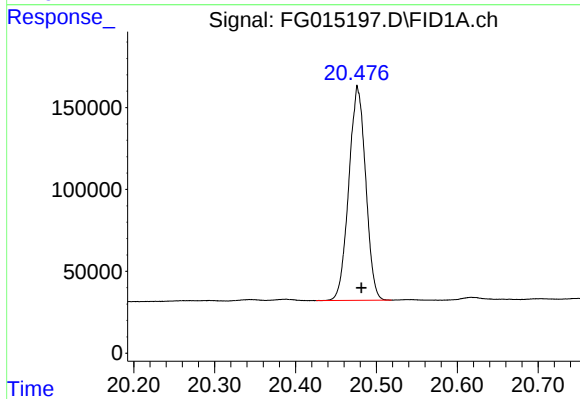
#18 n-Dotriacontane (C32)

R.T.: 18.949 min  
Delta R.T.: -0.006 min  
Response: 2560773  
Conc: 20.30 ug/ml



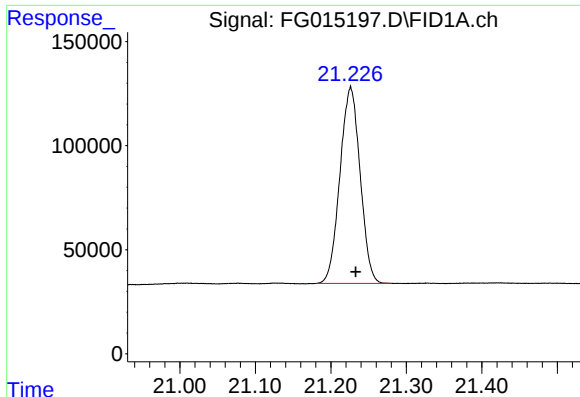
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min  
Delta R.T.: -0.005 min  
Response: 2204775  
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

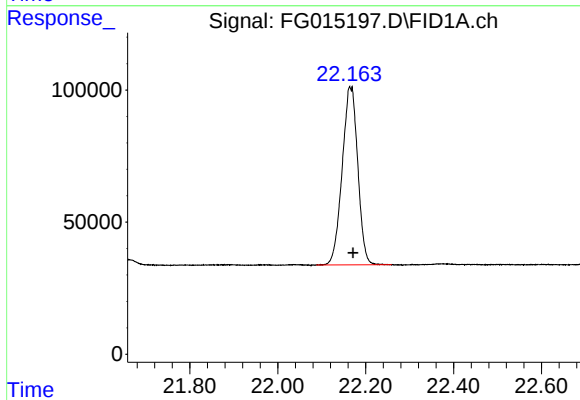
R.T.: 20.477 min  
Delta R.T.: -0.005 min  
Response: 1890027  
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min  
Delta R.T.: -0.007 min  
Response: 1752555  
Conc: 19.97 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.164 min  
Delta R.T.: -0.008 min  
Response: 1658010  
Conc: 19.56 ug/ml