

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101223AL\  
 Data File : FE044808.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Oct 2023 07:47  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 12 08:11:48 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101123.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 12 06:15:32 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)    | 11.912 | 3956957    | 19.739 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.48%       |
| 12) S 1-chlorooctadecane (S... | 13.353 | 2915889    | 19.704 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.41%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.298  | 3340687    | 19.914 ug/ml |
| 2) T n-Decane (C10)            | 4.548  | 3381241    | 19.849 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.249  | 3666005    | 19.804 ug/ml |
| 4) T n-Dodecane (C12)          | 6.713  | 3427868    | 19.858 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.344  | 3553270    | 19.698 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.540  | 3396785    | 19.809 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.150 | 3450200    | 19.730 ug/ml |
| 8) T n-Octadecane (C18)        | 11.597 | 3439978    | 19.723 ug/ml |
| 10) T n-Eicosane (C20)         | 12.908 | 3293706    | 19.719 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.521 | 3215924    | 19.728 ug/ml |
| 13) T n-Docosane (C22)         | 14.109 | 3154431    | 19.721 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.213 | 3052302    | 19.667 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.236 | 2951316    | 19.658 ug/ml |
| 16) T n-Octacosane (C28)       | 17.188 | 2871073    | 19.552 ug/ml |
| 17) T n-Tricontane (C30)       | 18.078 | 2892791    | 19.450 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.910 | 2901722    | 19.333 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.695 | 2895311    | 19.449 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.436 | 2971855    | 19.330 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.177 | 3092895    | 19.800 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.098 | 3252561    | 19.462 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

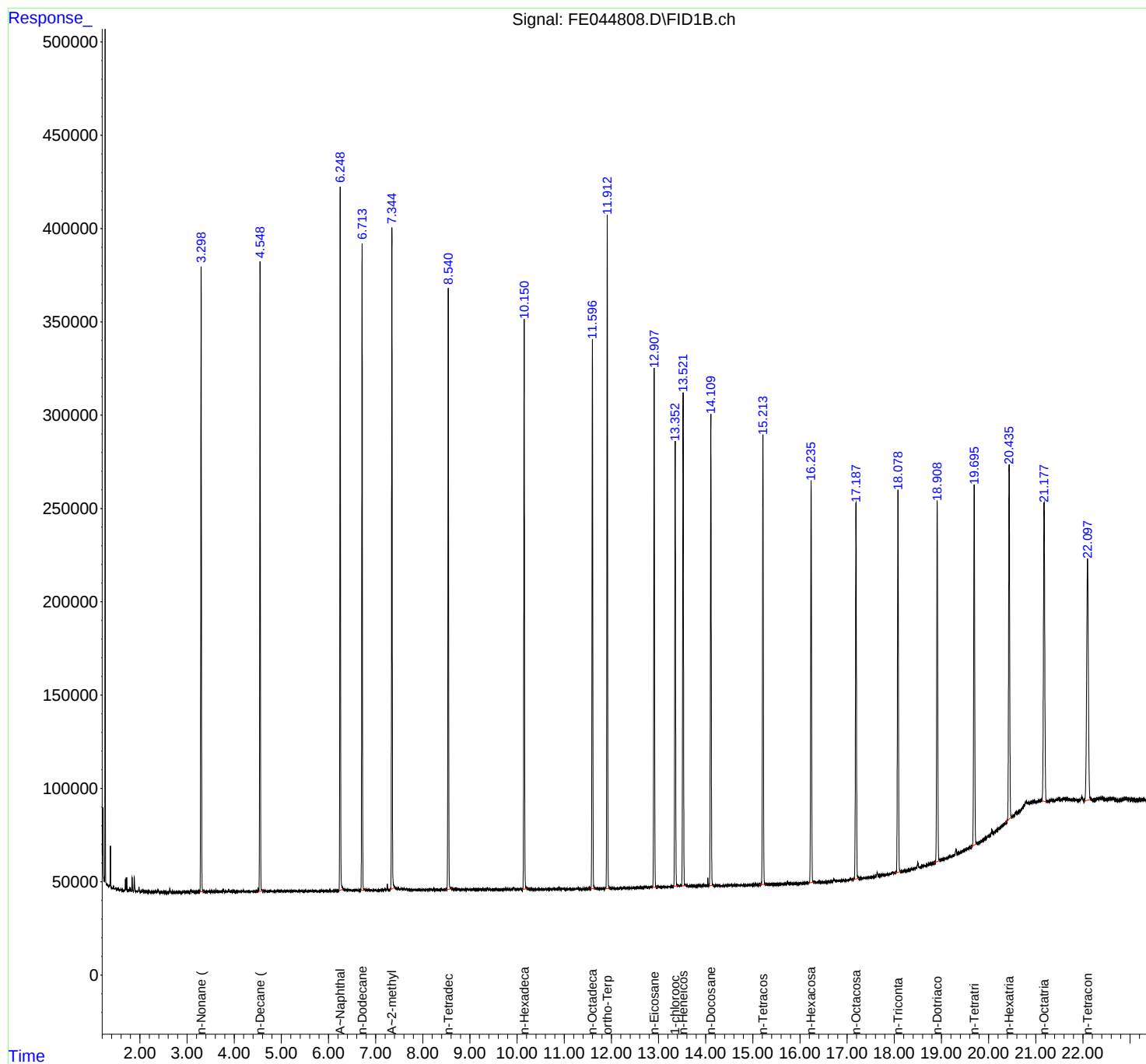
(m)=manual int.

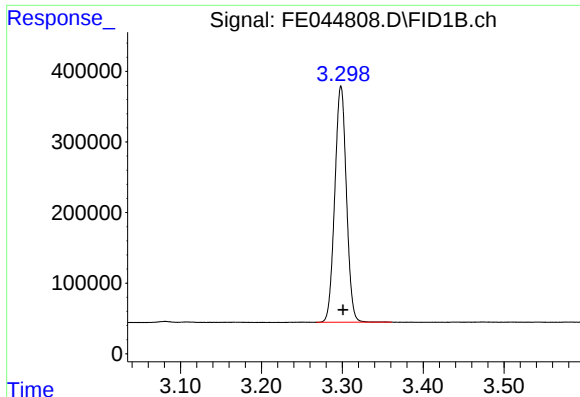
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101223AL\  
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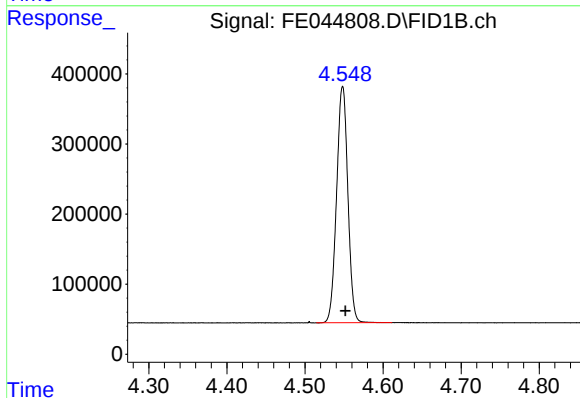




#1 n-Nonane (C9)

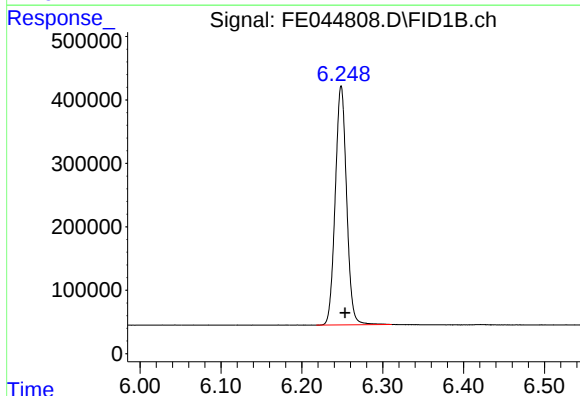
R.T.: 3.298 min  
Delta R.T.: -0.003 min  
Response: 3340687  
Conc: 19.91 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



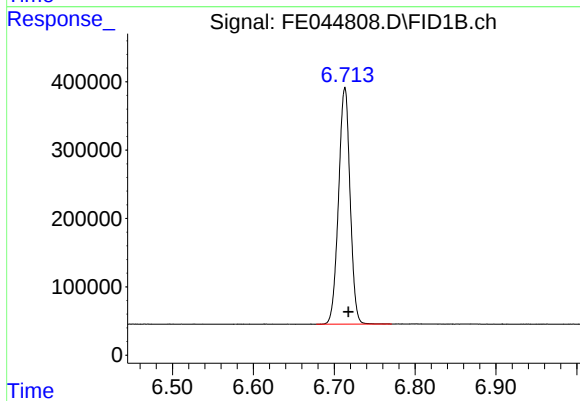
#2 n-Decane (C10)

R.T.: 4.548 min  
Delta R.T.: -0.004 min  
Response: 3381241  
Conc: 19.85 ug/ml



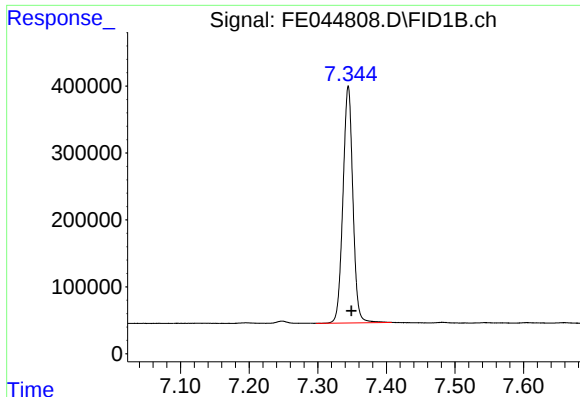
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min  
Delta R.T.: -0.005 min  
Response: 3666005  
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

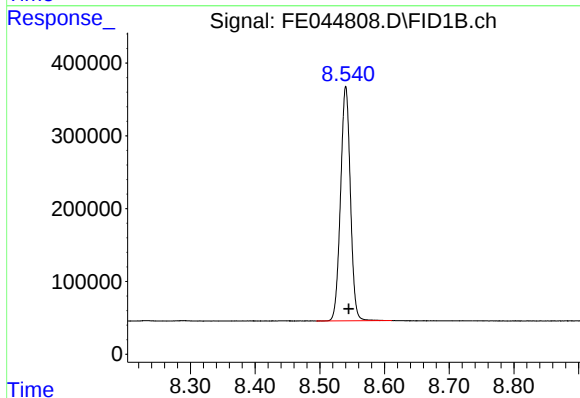
R.T.: 6.713 min  
Delta R.T.: -0.005 min  
Response: 3427868  
Conc: 19.86 ug/ml



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

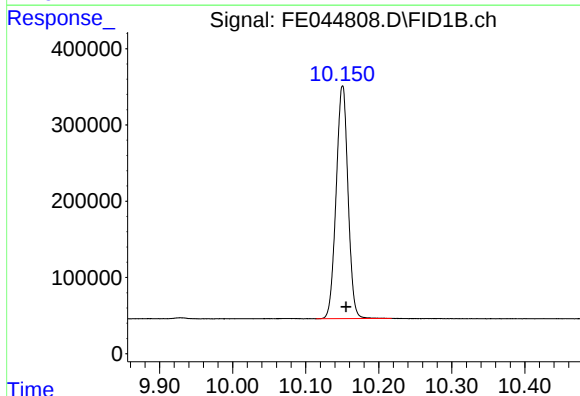
R.T.: 7.344 min  
Delta R.T.: -0.005 min  
Response: 3553270  
Conc: 19.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



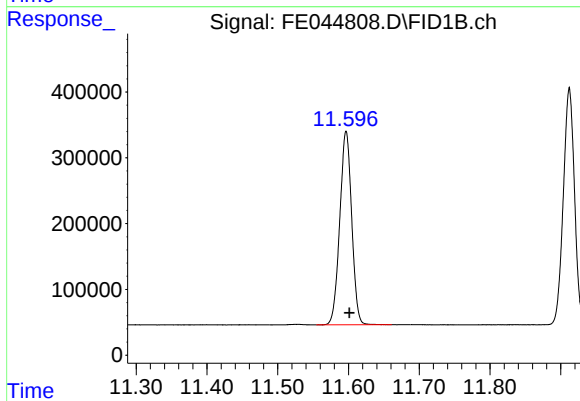
#6 n-Tetradecane (C14)

R.T.: 8.540 min  
Delta R.T.: -0.004 min  
Response: 3396785  
Conc: 19.81 ug/ml



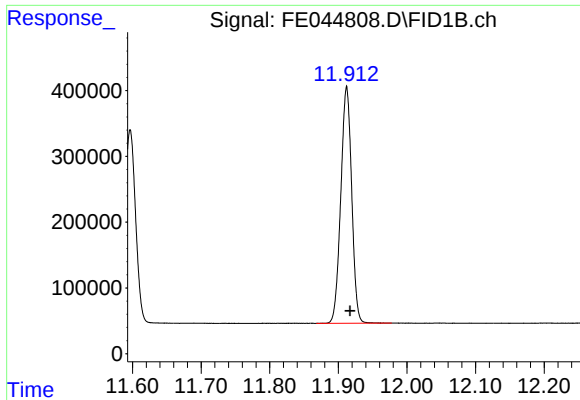
#7 n-Hexadecane (C16)

R.T.: 10.150 min  
Delta R.T.: -0.005 min  
Response: 3450200  
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

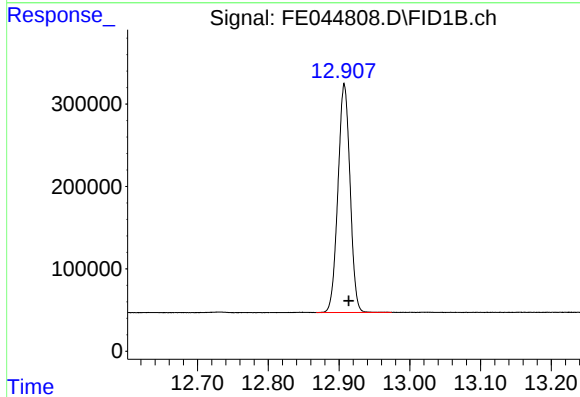
R.T.: 11.597 min  
Delta R.T.: -0.004 min  
Response: 3439978  
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

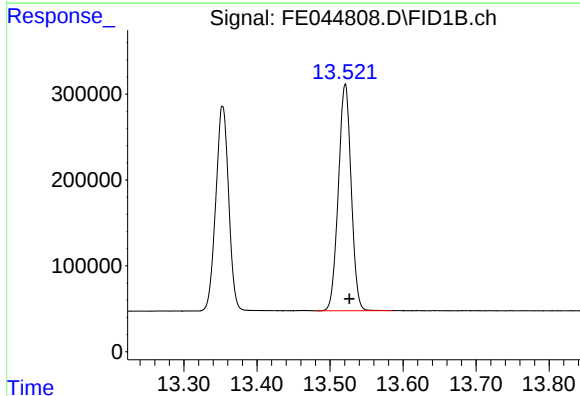
R.T.: 11.912 min  
Delta R.T.: -0.005 min  
Response: 3956957  
Conc: 19.74 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



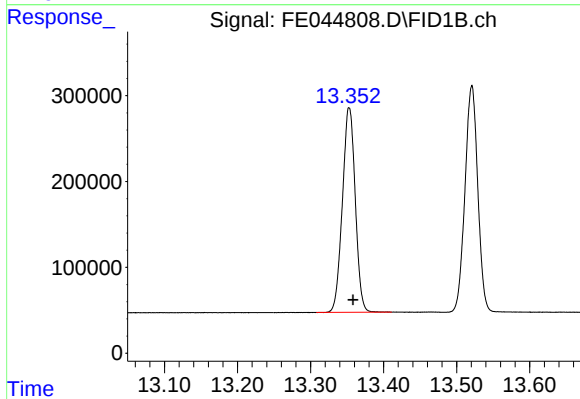
#10 n-Eicosane (C20)

R.T.: 12.908 min  
Delta R.T.: -0.006 min  
Response: 3293706  
Conc: 19.72 ug/ml



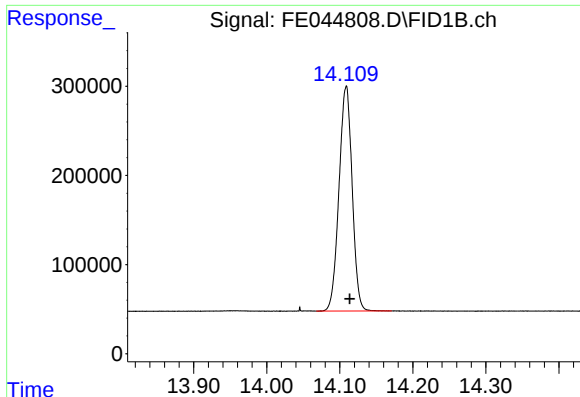
#11 n-Heneicosane (C21)

R.T.: 13.521 min  
Delta R.T.: -0.006 min  
Response: 3215924  
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

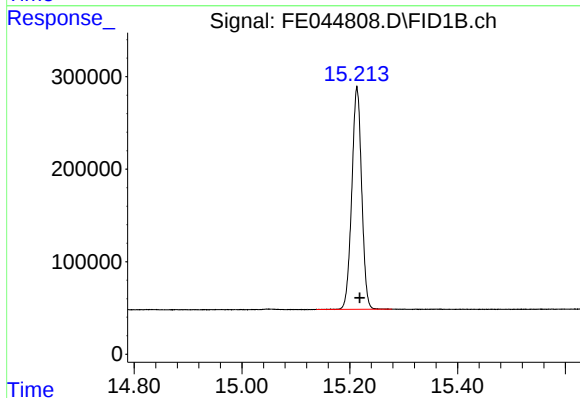
R.T.: 13.353 min  
Delta R.T.: -0.005 min  
Response: 2915889  
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

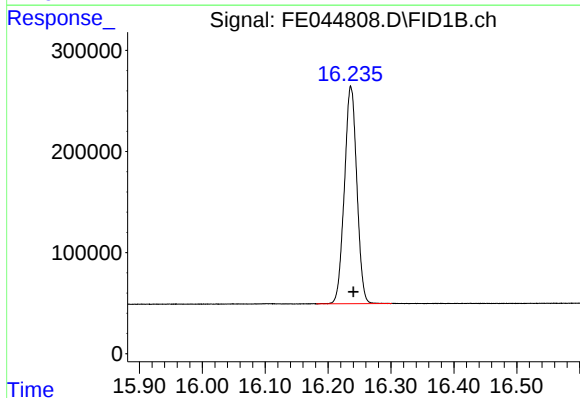
R.T.: 14.109 min  
Delta R.T.: -0.005 min  
Response: 3154431  
Conc: 19.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



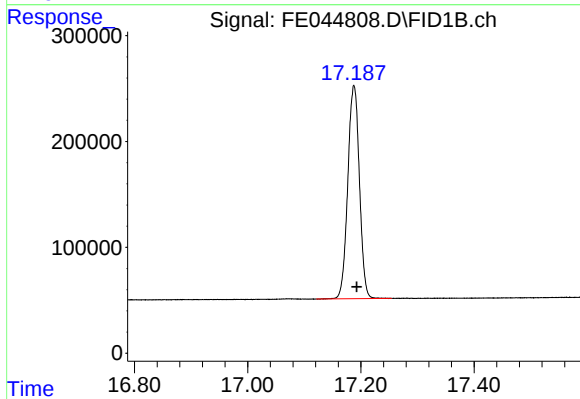
#14 n-Tetracosane (C24)

R.T.: 15.213 min  
Delta R.T.: -0.005 min  
Response: 3052302  
Conc: 19.67 ug/ml



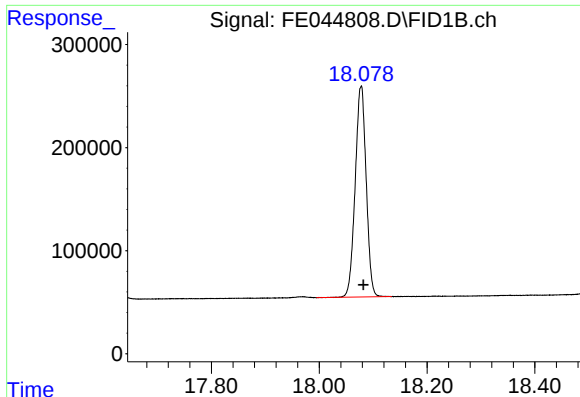
#15 n-Hexacosane (C26)

R.T.: 16.236 min  
Delta R.T.: -0.004 min  
Response: 2951316  
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

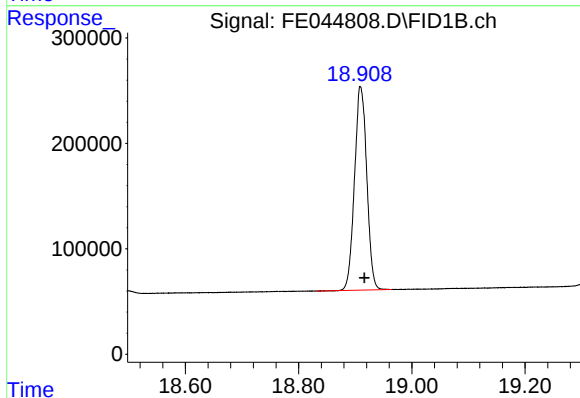
R.T.: 17.188 min  
Delta R.T.: -0.005 min  
Response: 2871073  
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

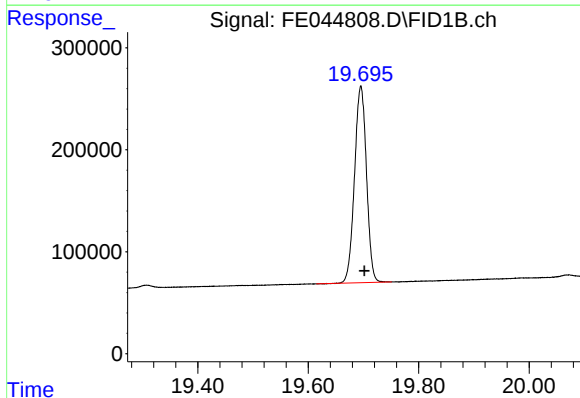
R.T.: 18.078 min  
Delta R.T.: -0.004 min  
Response: 2892791  
Conc: 19.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



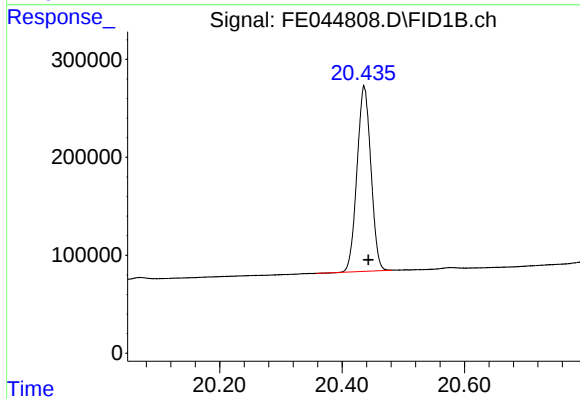
#18 n-Dotriacontane (C32)

R.T.: 18.910 min  
Delta R.T.: -0.006 min  
Response: 2901722  
Conc: 19.33 ug/ml



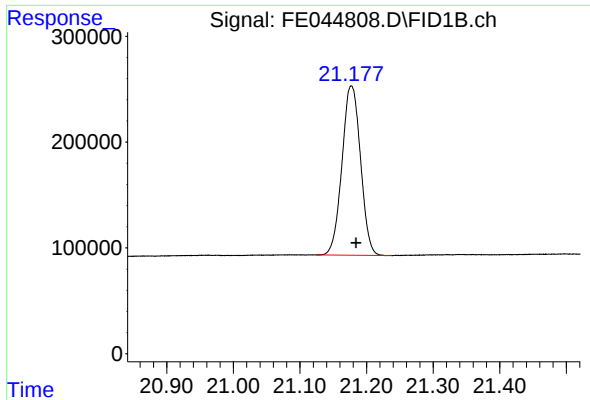
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min  
Delta R.T.: -0.006 min  
Response: 2895311  
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

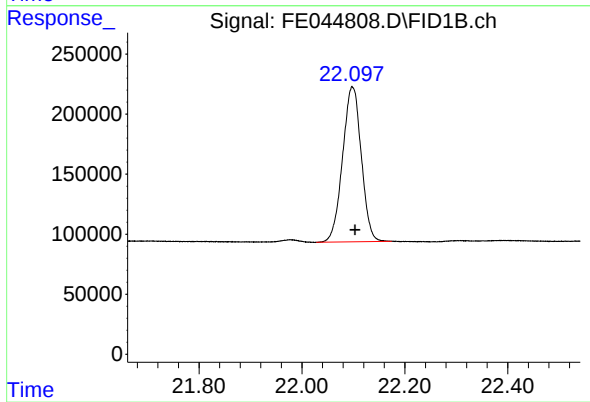
R.T.: 20.436 min  
Delta R.T.: -0.007 min  
Response: 2971855  
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min  
Delta R.T.: -0.007 min  
Response: 3092895  
Conc: 19.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.098 min  
Delta R.T.: -0.005 min  
Response: 3252561  
Conc: 19.46 ug/ml