

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE053124AL\  
 Data File : FE048466.D  
 Signal(s) : FID1B.ch  
 Acq On : 31 May 2024 06:56  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 01 02:33:07 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 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)    | 11.952 | 2709244    | 18.867 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.73%       |
| 12) S 1-chlorooctadecane (S... | 13.386 | 2051193    | 18.828 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.66%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.338  | 2728835    | 18.252 ug/ml |
| 2) T n-Decane (C10)            | 4.588  | 2807605    | 18.593 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.295  | 2796853    | 18.784 ug/ml |
| 4) T n-Dodecane (C12)          | 6.753  | 2772753    | 18.731 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.391  | 2628311    | 18.956 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.581  | 2664076    | 18.783 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.189 | 2668777    | 18.930 ug/ml |
| 8) T n-Octadecane (C18)        | 11.631 | 2631955    | 18.951 ug/ml |
| 10) T n-Eicosane (C20)         | 12.941 | 2503824    | 18.920 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.552 | 2447885    | 18.898 ug/ml |
| 13) T n-Docosane (C22)         | 14.138 | 2465401    | 19.132 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.239 | 2541676    | 19.619 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.260 | 2596959    | 20.037 ug/ml |
| 16) T n-Octacosane (C28)       | 17.209 | 2669389    | 20.652 ug/ml |
| 17) T n-Tricontane (C30)       | 18.095 | 2813587    | 21.003 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.927 | 2853527    | 21.022 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.710 | 2737870    | 20.014 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.450 | 2673381    | 19.667 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.187 | 2613300    | 19.163 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.106 | 2606567    | 19.037 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

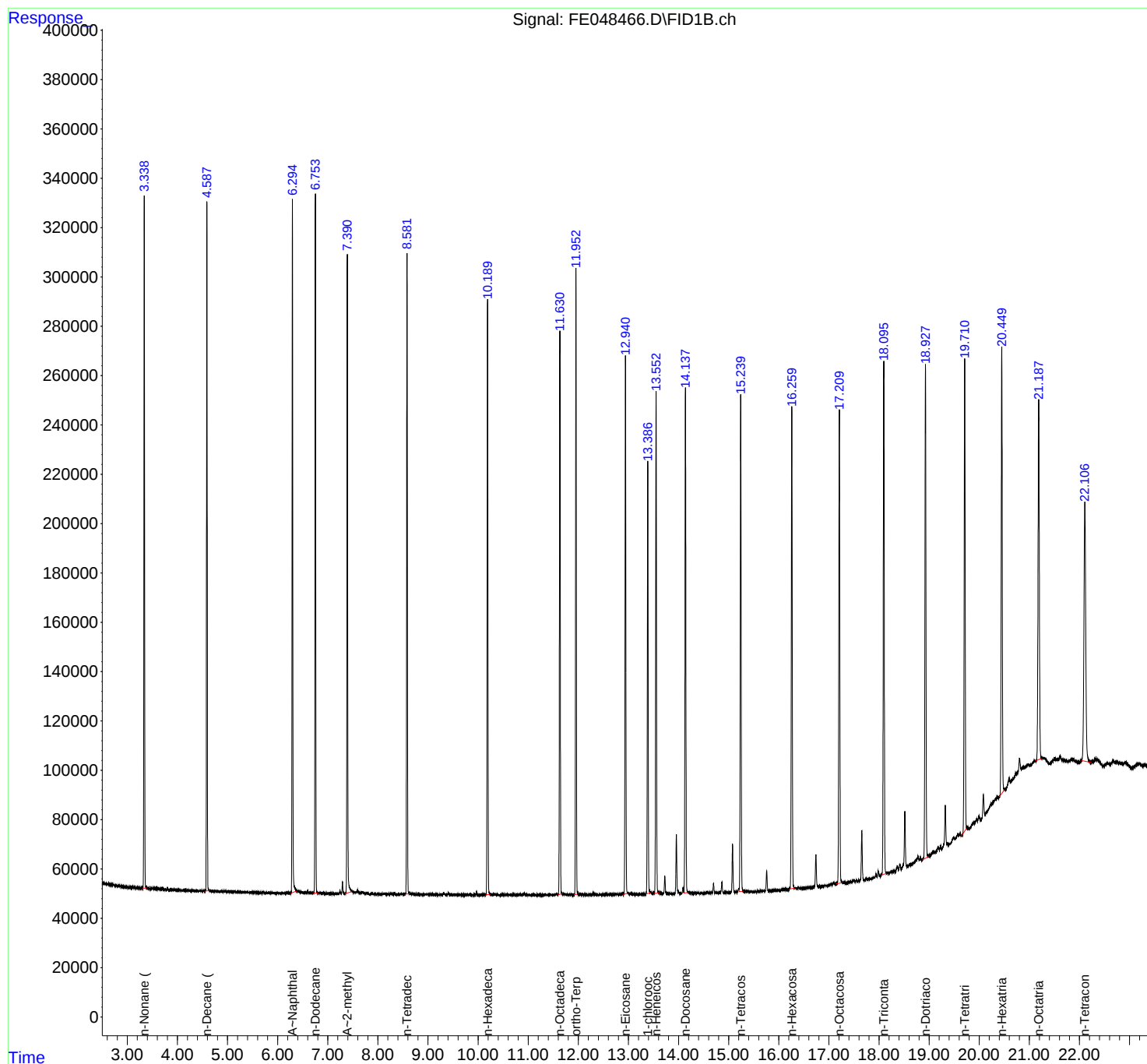
(m)=manual int.

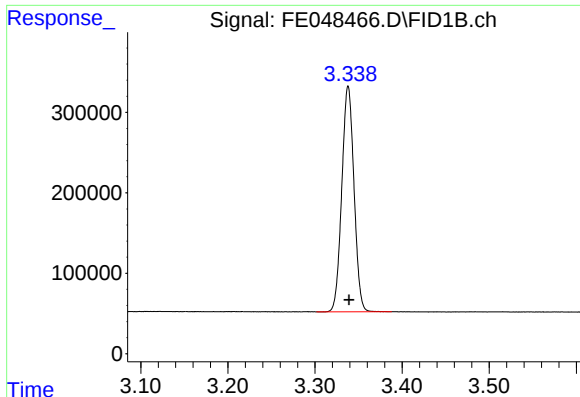
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE053124AL\  
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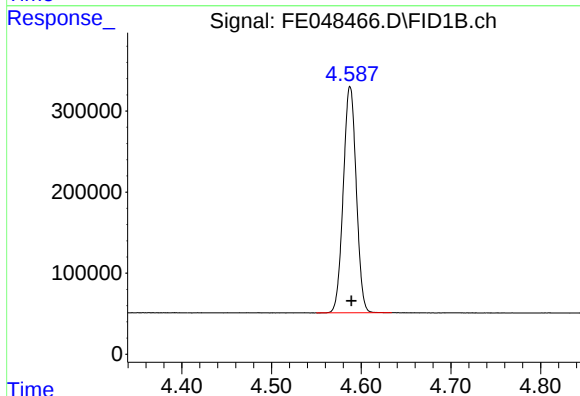




#1 n-Nonane (C9)

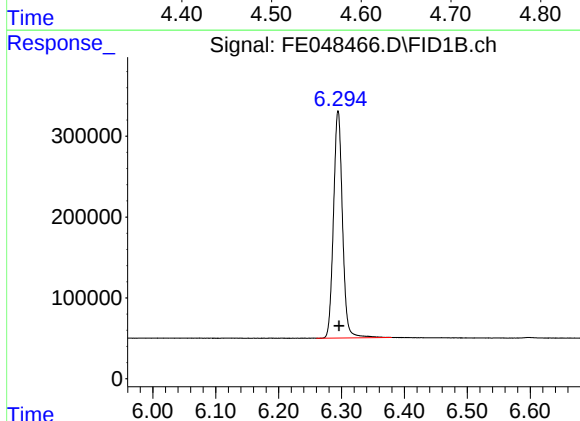
R.T.: 3.338 min  
Delta R.T.: 0.000 min  
Response: 2728835  
Conc: 18.25 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



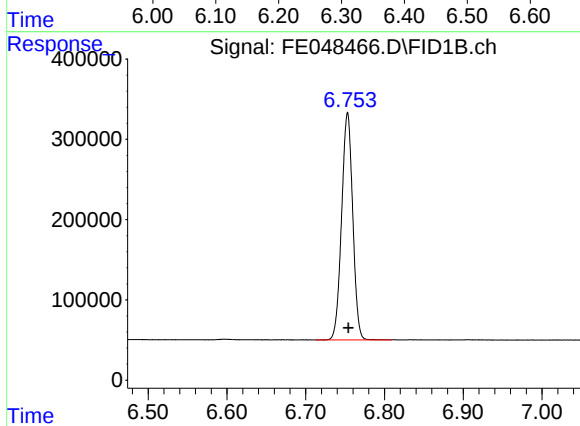
#2 n-Decane (C10)

R.T.: 4.588 min  
Delta R.T.: -0.001 min  
Response: 2807605  
Conc: 18.59 ug/ml



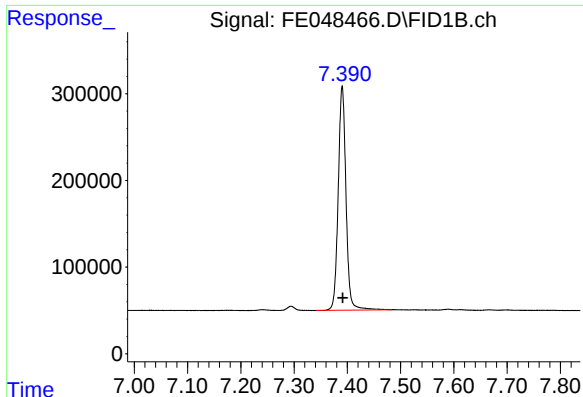
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min  
Delta R.T.: -0.001 min  
Response: 2796853  
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

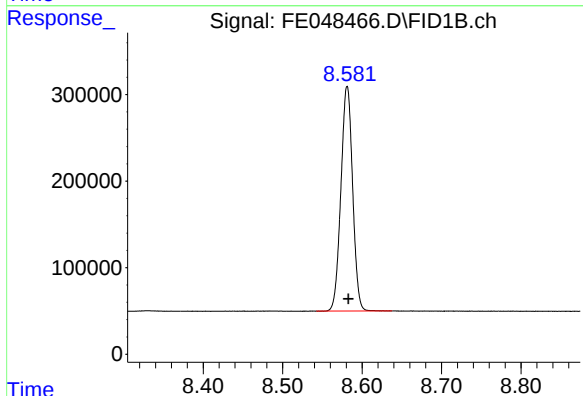
R.T.: 6.753 min  
Delta R.T.: 0.000 min  
Response: 2772753  
Conc: 18.73 ug/ml



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

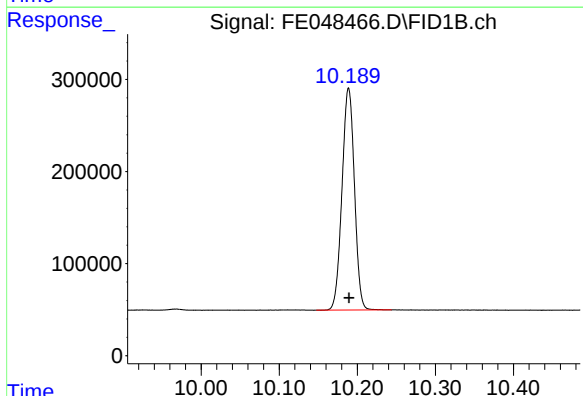
R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 2628311  
Conc: 18.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



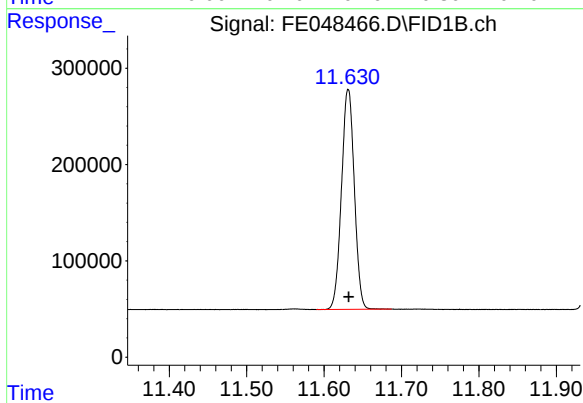
#6 n-Tetradecane (C14)

R.T.: 8.581 min  
Delta R.T.: -0.001 min  
Response: 2664076  
Conc: 18.78 ug/ml



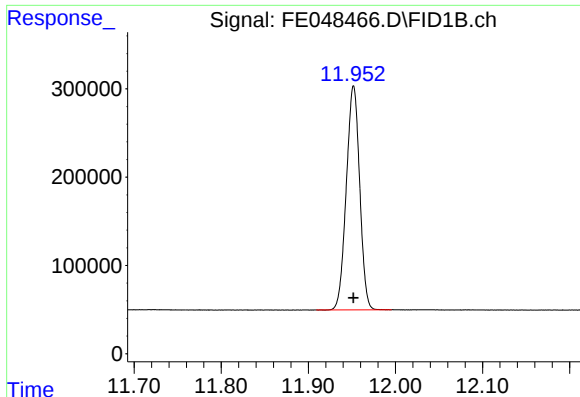
#7 n-Hexadecane (C16)

R.T.: 10.189 min  
Delta R.T.: 0.000 min  
Response: 2668777  
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

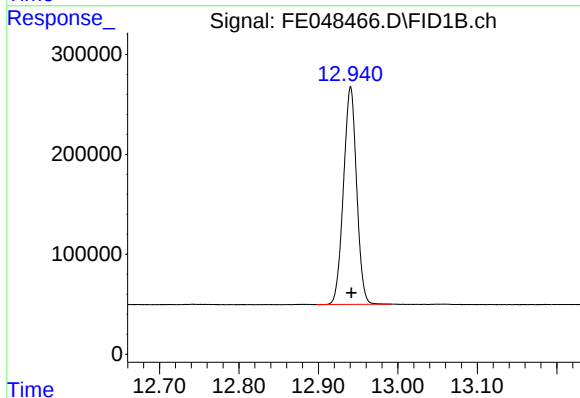
R.T.: 11.631 min  
Delta R.T.: 0.000 min  
Response: 2631955  
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

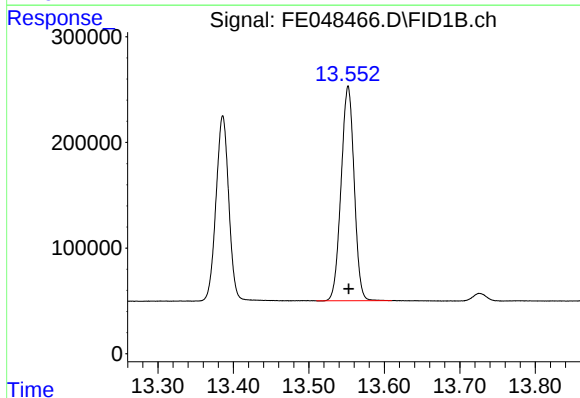
R.T.: 11.952 min  
Delta R.T.: 0.000 min  
Response: 2709244  
Conc: 18.87 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



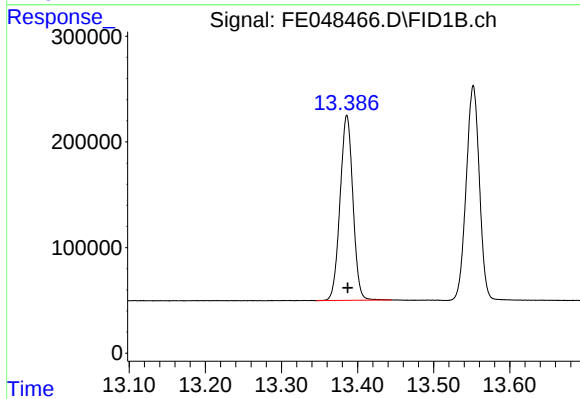
#10 n-Eicosane (C20)

R.T.: 12.941 min  
Delta R.T.: -0.001 min  
Response: 2503824  
Conc: 18.92 ug/ml



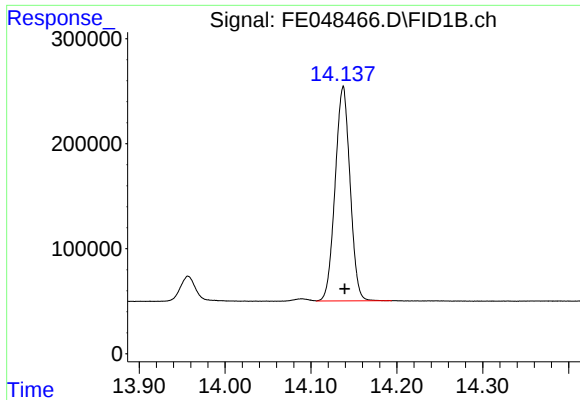
#11 n-Heneicosane (C21)

R.T.: 13.552 min  
Delta R.T.: 0.000 min  
Response: 2447885  
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

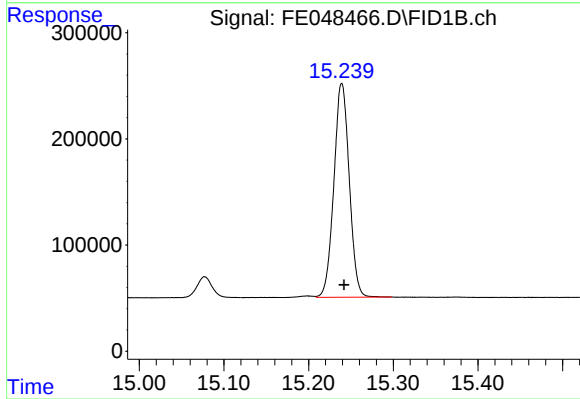
R.T.: 13.386 min  
Delta R.T.: 0.000 min  
Response: 2051193  
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

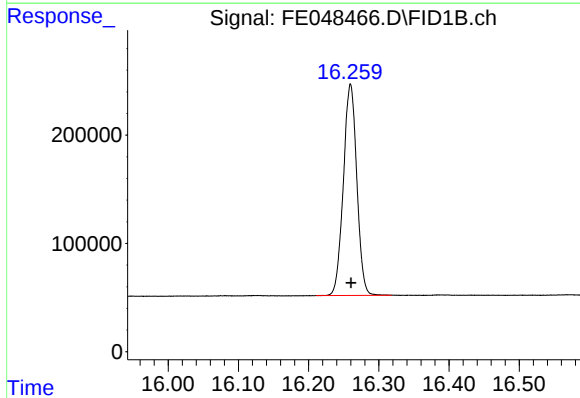
R.T.: 14.138 min  
Delta R.T.: -0.002 min  
Response: 2465401  
Conc: 19.13 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



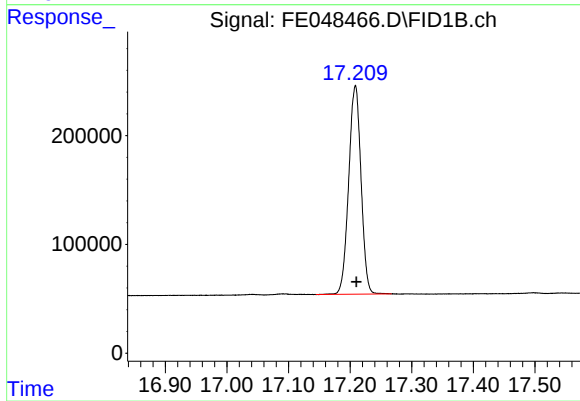
#14 n-Tetracosane (C24)

R.T.: 15.239 min  
Delta R.T.: -0.003 min  
Response: 2541676  
Conc: 19.62 ug/ml



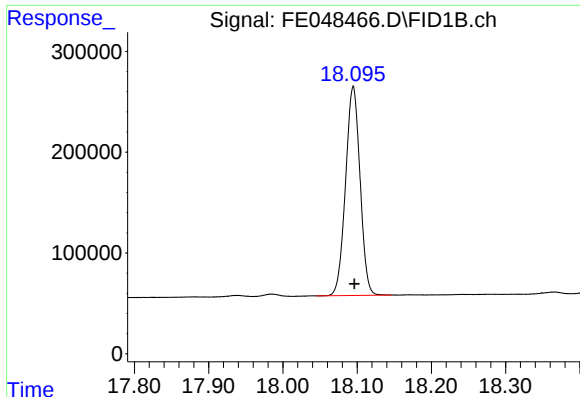
#15 n-Hexacosane (C26)

R.T.: 16.260 min  
Delta R.T.: 0.000 min  
Response: 2596959  
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

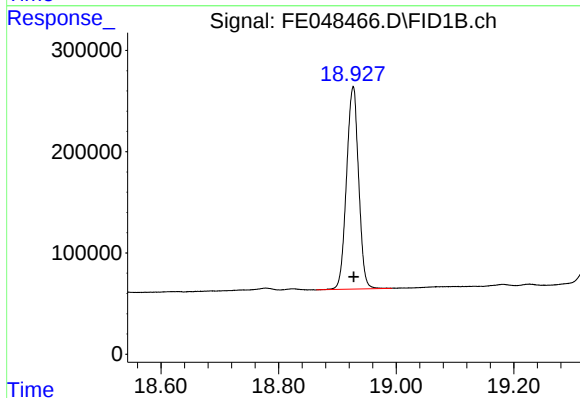
R.T.: 17.209 min  
Delta R.T.: -0.002 min  
Response: 2669389  
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

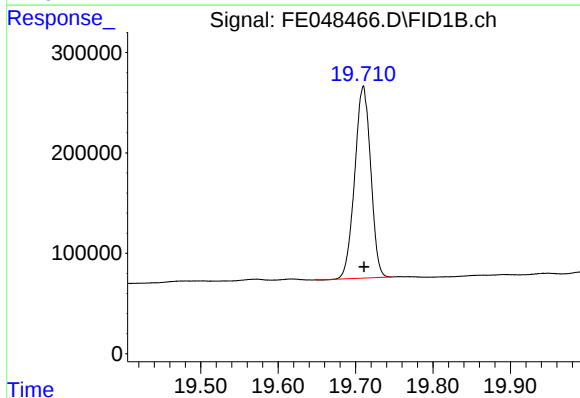
R.T.: 18.095 min  
Delta R.T.: -0.002 min  
Response: 2813587  
Conc: 21.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



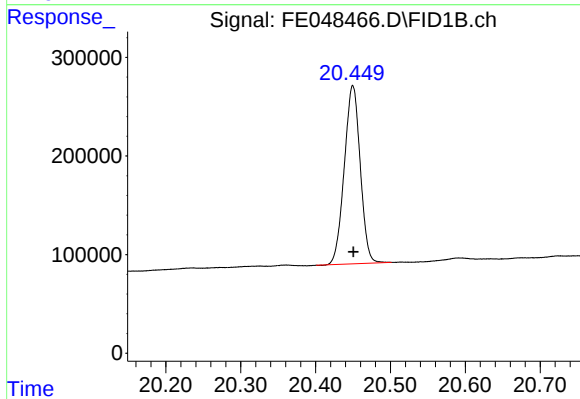
#18 n-Dotriacontane (C32)

R.T.: 18.927 min  
Delta R.T.: 0.000 min  
Response: 2853527  
Conc: 21.02 ug/ml



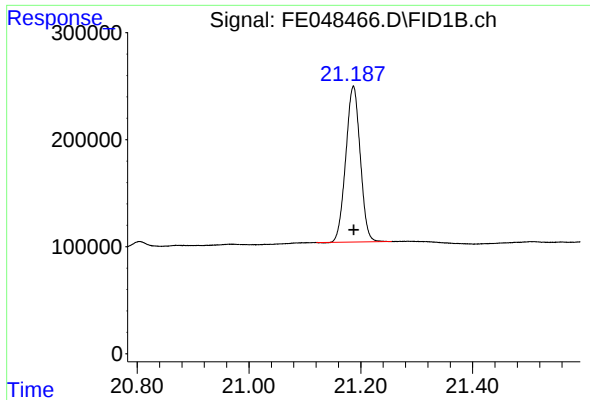
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min  
Delta R.T.: -0.001 min  
Response: 2737870  
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

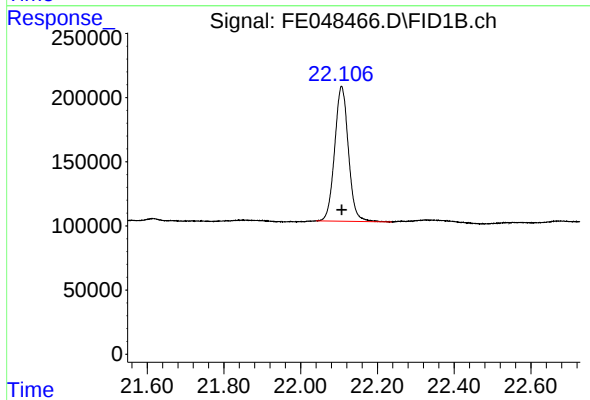
R.T.: 20.450 min  
Delta R.T.: 0.000 min  
Response: 2673381  
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min  
Delta R.T.: 0.000 min  
Response: 2613300  
Conc: 19.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.106 min  
Delta R.T.: 0.000 min  
Response: 2606567  
Conc: 19.04 ug/ml