

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040425AL\  
 Data File : FE053181.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Apr 2025 08:04  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 04 23:51:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 31 02:44:53 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)    | 11.893 | 3051759    | 18.736 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.47%       |
| 12) S 1-chlorooctadecane (S... | 13.337 | 2257986    | 18.810 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.238  | 2846978    | 18.387 ug/ml |
| 2) T n-Decane (C10)            | 4.499  | 2938949    | 18.736 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.212  | 3136950    | 18.673 ug/ml |
| 4) T n-Dodecane (C12)          | 6.679  | 2941969    | 18.811 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.314  | 2998621    | 18.793 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.515  | 2900362    | 18.942 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.130 | 2960129    | 19.203 ug/ml |
| 8) T n-Octadecane (C18)        | 11.577 | 2919187    | 19.247 ug/ml |
| 10) T n-Eicosane (C20)         | 12.892 | 2739986    | 19.218 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.505 | 2659827    | 19.167 ug/ml |
| 13) T n-Docosane (C22)         | 14.094 | 2627755    | 19.187 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.200 | 2618978    | 19.391 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.223 | 2583804    | 19.368 ug/ml |
| 16) T n-Octacosane (C28)       | 17.175 | 2622306    | 19.871 ug/ml |
| 17) T n-Tricontane (C30)       | 18.064 | 2791302    | 20.594 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.898 | 2814353    | 20.915 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.683 | 2562856    | 19.806 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.425 | 2305667    | 19.410 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.162 | 2241082    | 19.498 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.076 | 2111881    | 18.803 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

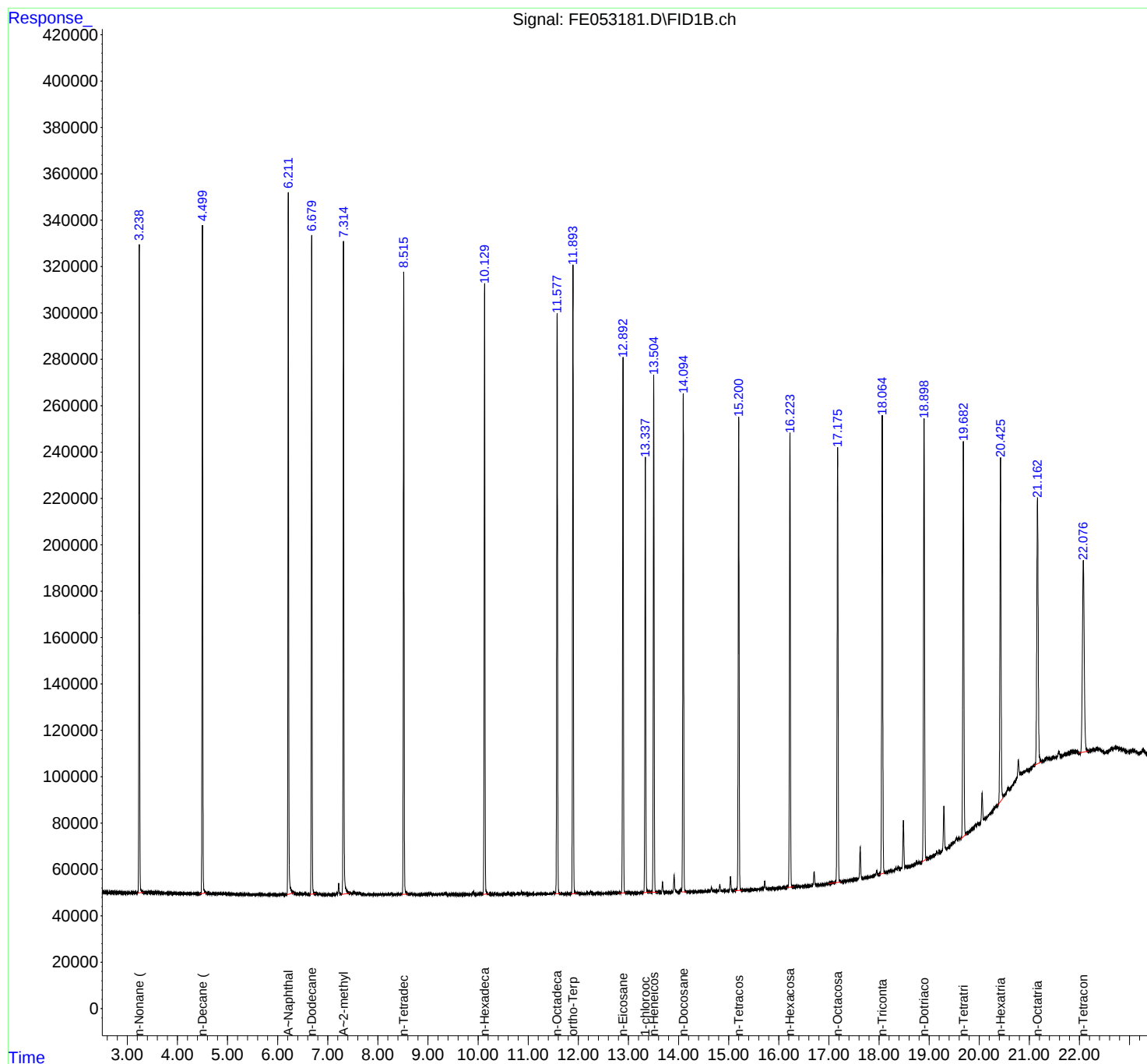
(m)=manual int.

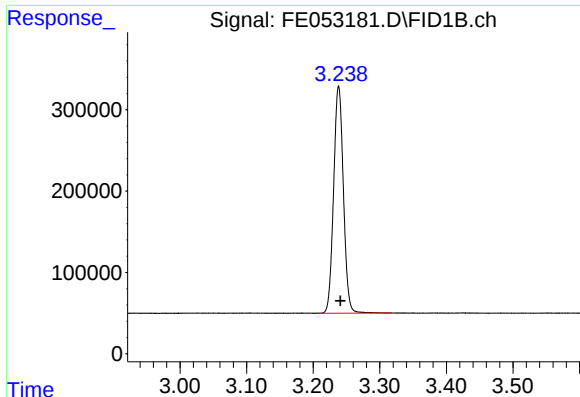
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040425AL\  
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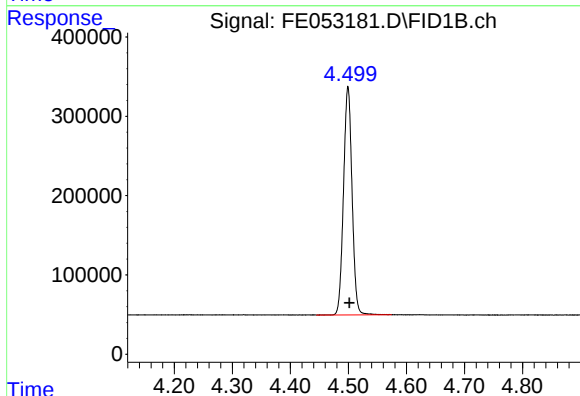




#1 n-Nonane (C9)

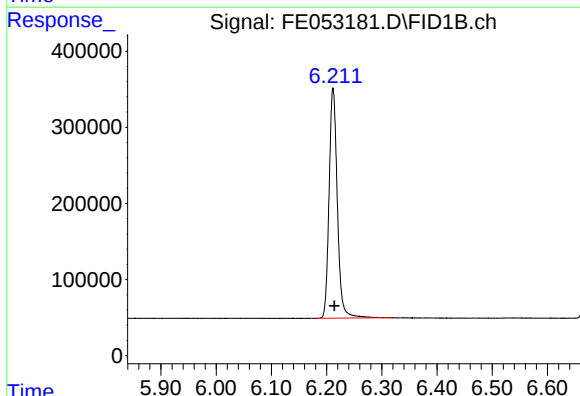
R.T.: 3.238 min  
Delta R.T.: -0.003 min  
Response: 2846978  
Conc: 18.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



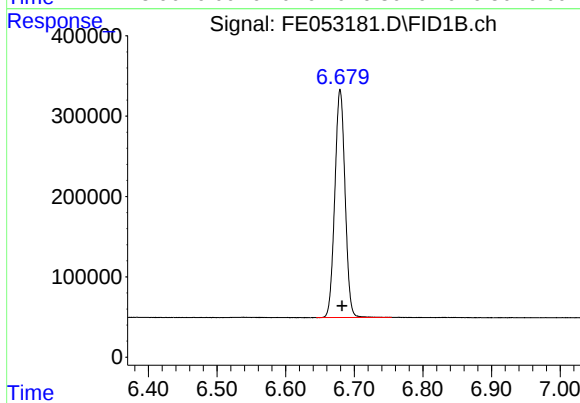
#2 n-Decane (C10)

R.T.: 4.499 min  
Delta R.T.: -0.003 min  
Response: 2938949  
Conc: 18.74 ug/ml



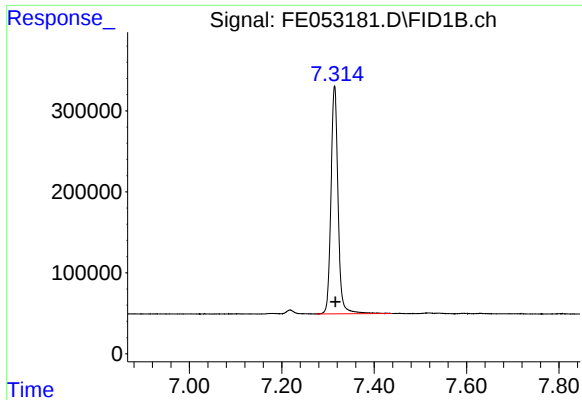
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min  
Delta R.T.: -0.002 min  
Response: 3136950  
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

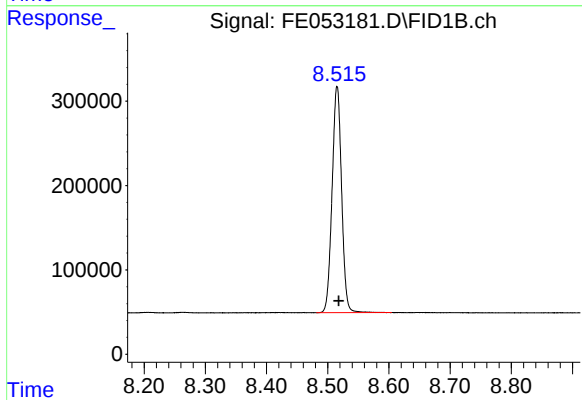
R.T.: 6.679 min  
Delta R.T.: -0.003 min  
Response: 2941969  
Conc: 18.81 ug/ml



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

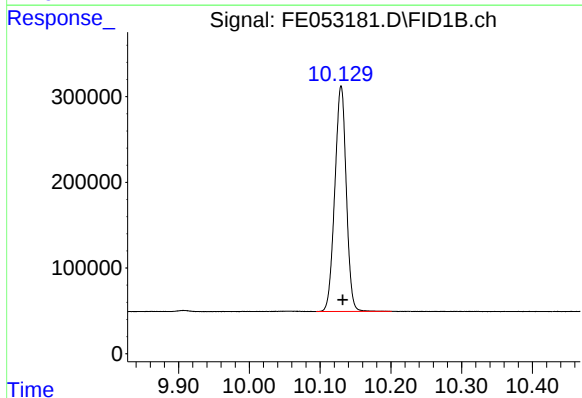
R.T.: 7.314 min  
Delta R.T.: -0.002 min  
Response: 2998621  
Conc: 18.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



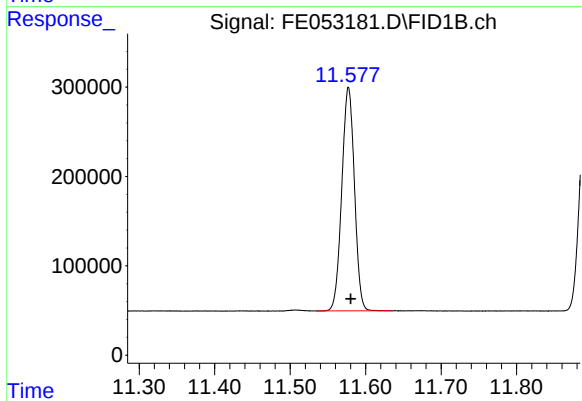
#6 n-Tetradecane (C14)

R.T.: 8.515 min  
Delta R.T.: -0.003 min  
Response: 2900362  
Conc: 18.94 ug/ml



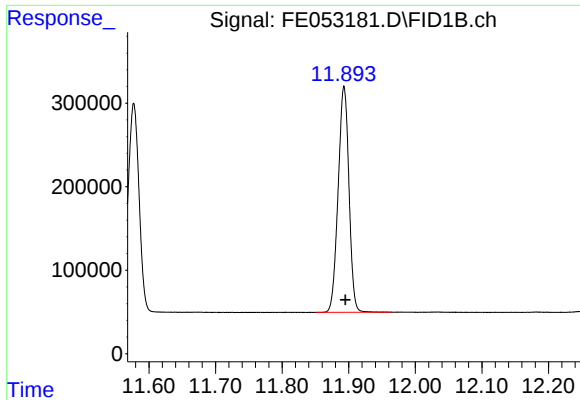
#7 n-Hexadecane (C16)

R.T.: 10.130 min  
Delta R.T.: -0.002 min  
Response: 2960129  
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

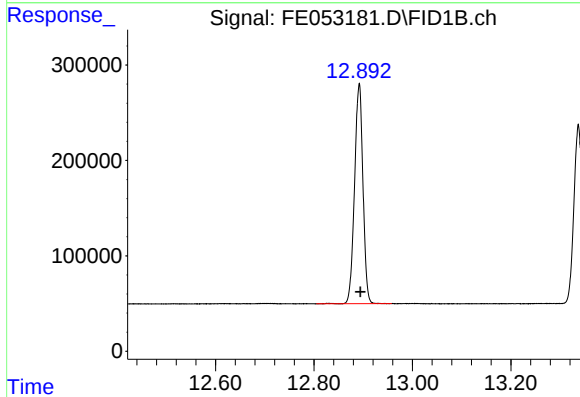
R.T.: 11.577 min  
Delta R.T.: -0.003 min  
Response: 2919187  
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

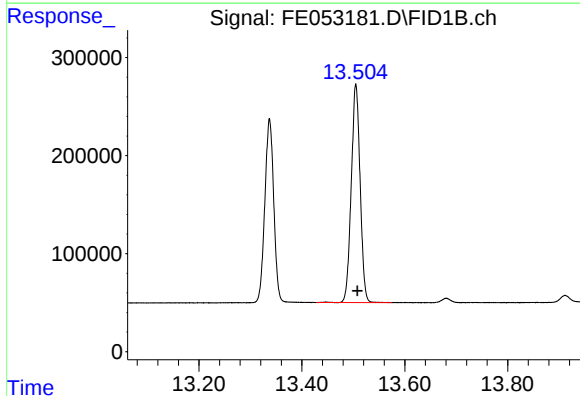
R.T.: 11.893 min  
Delta R.T.: -0.002 min  
Response: 3051759  
Conc: 18.74 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



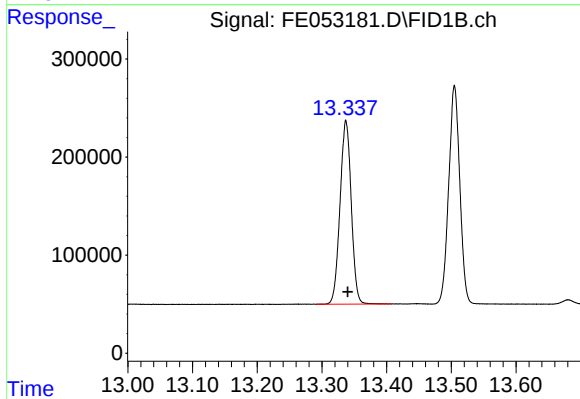
#10 n-Eicosane (C20)

R.T.: 12.892 min  
Delta R.T.: -0.002 min  
Response: 2739986  
Conc: 19.22 ug/ml



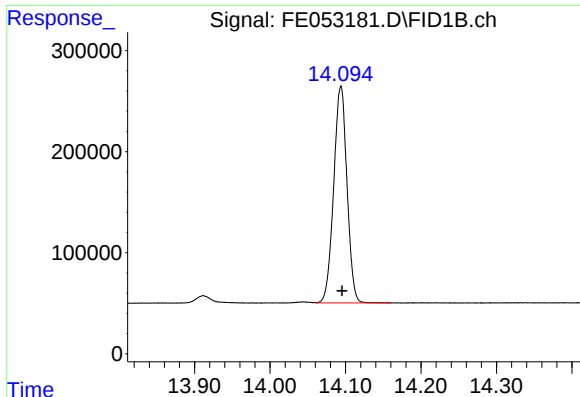
#11 n-Heneicosane (C21)

R.T.: 13.505 min  
Delta R.T.: -0.003 min  
Response: 2659827  
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

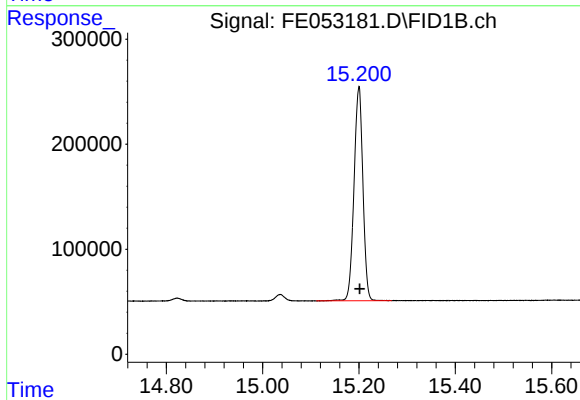
R.T.: 13.337 min  
Delta R.T.: -0.002 min  
Response: 2257986  
Conc: 18.81 ug/ml



#13 n-Docosane (C22)

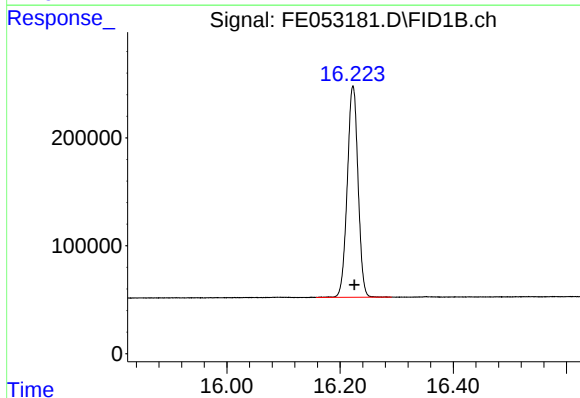
R.T.: 14.094 min  
Delta R.T.: -0.002 min  
Response: 2627755  
Conc: 19.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



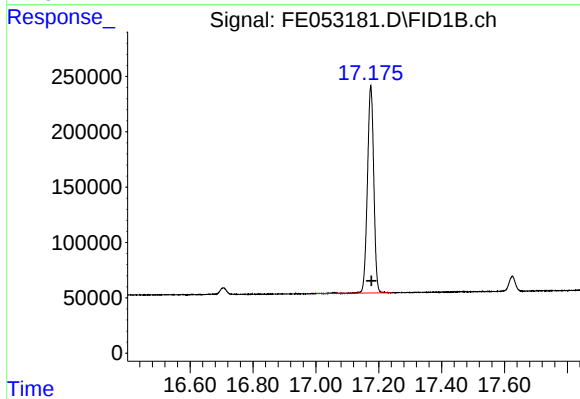
#14 n-Tetracosane (C24)

R.T.: 15.200 min  
Delta R.T.: -0.002 min  
Response: 2618978  
Conc: 19.39 ug/ml



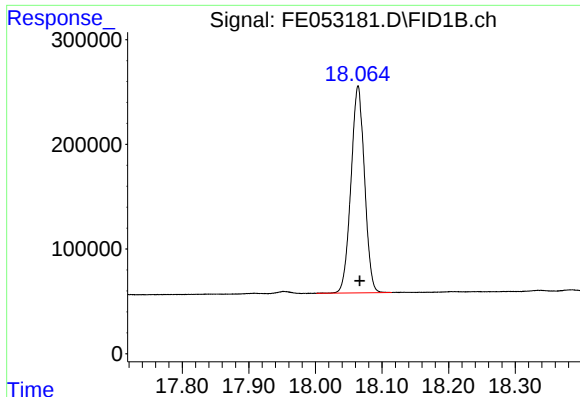
#15 n-Hexacosane (C26)

R.T.: 16.223 min  
Delta R.T.: -0.003 min  
Response: 2583804  
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

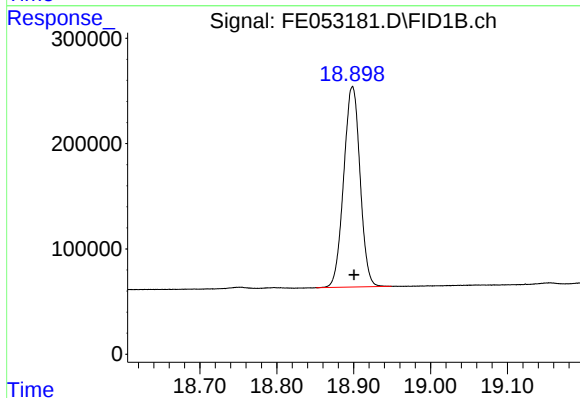
R.T.: 17.175 min  
Delta R.T.: -0.002 min  
Response: 2622306  
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

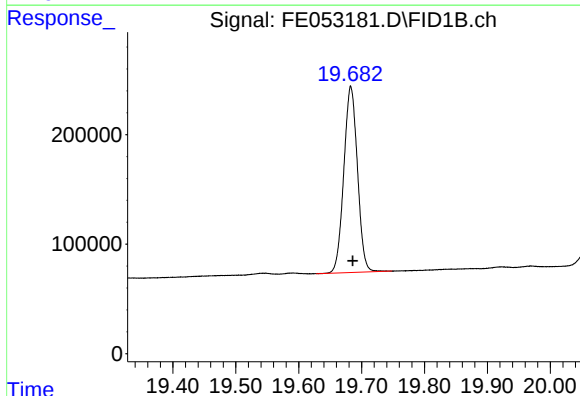
R.T.: 18.064 min  
Delta R.T.: -0.002 min  
Response: 2791302  
Conc: 20.59 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



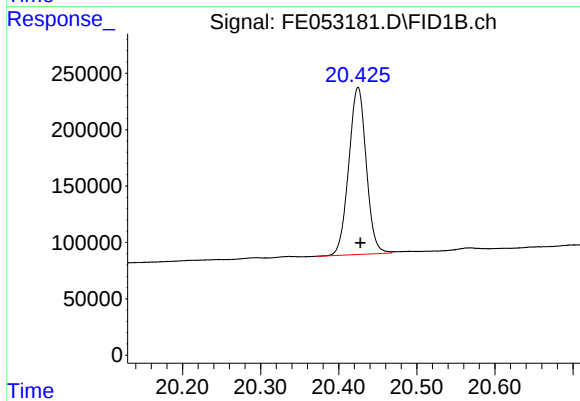
#18 n-Dotriacontane (C32)

R.T.: 18.898 min  
Delta R.T.: -0.002 min  
Response: 2814353  
Conc: 20.91 ug/ml



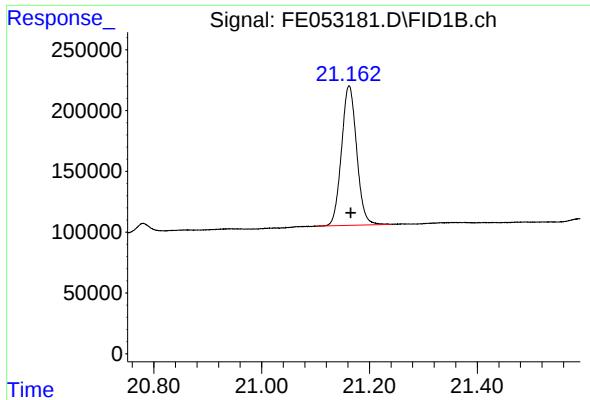
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min  
Delta R.T.: -0.003 min  
Response: 2562856  
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

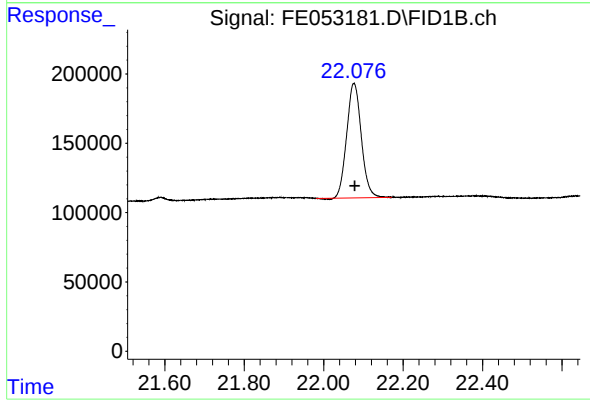
R.T.: 20.425 min  
Delta R.T.: -0.003 min  
Response: 2305667  
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min  
Delta R.T.: -0.003 min  
Response: 2241082  
Conc: 19.50 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.076 min  
Delta R.T.: -0.002 min  
Response: 2111881  
Conc: 18.80 ug/ml