

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041824AL\  
 Data File : FE047678.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Apr 2024 06:57  
 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 19 01:21:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 02 05:28:28 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)    | 11.979 | 3128333    | 18.036 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.07%       |
| 12) S 1-chlorooctadecane (S... | 13.413 | 2438834    | 18.133 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.27%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.358  | 2717802    | 17.372 ug/ml |
| 2) T n-Decane (C10)            | 4.611  | 2816111    | 17.522 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.319  | 2983908    | 17.598 ug/ml |
| 4) T n-Dodecane (C12)          | 6.777  | 2839599    | 17.495 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.416  | 2894127    | 17.623 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.606  | 2853461    | 17.737 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.215 | 2977691    | 17.930 ug/ml |
| 8) T n-Octadecane (C18)        | 11.658 | 3026302    | 18.046 ug/ml |
| 10) T n-Eicosane (C20)         | 12.967 | 2937254    | 18.131 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.579 | 2878368    | 18.140 ug/ml |
| 13) T n-Docosane (C22)         | 14.165 | 2911673    | 18.143 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.267 | 2986945    | 18.096 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.288 | 3018733    | 18.263 ug/ml |
| 16) T n-Octacosane (C28)       | 17.236 | 3121933    | 18.839 ug/ml |
| 17) T n-Tricontane (C30)       | 18.124 | 3398257    | 20.016 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.956 | 3458273    | 20.739 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.740 | 3288667    | 20.505 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.480 | 3207022    | 20.107 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.222 | 3154439    | 19.409 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.153 | 3050498    | 18.632 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

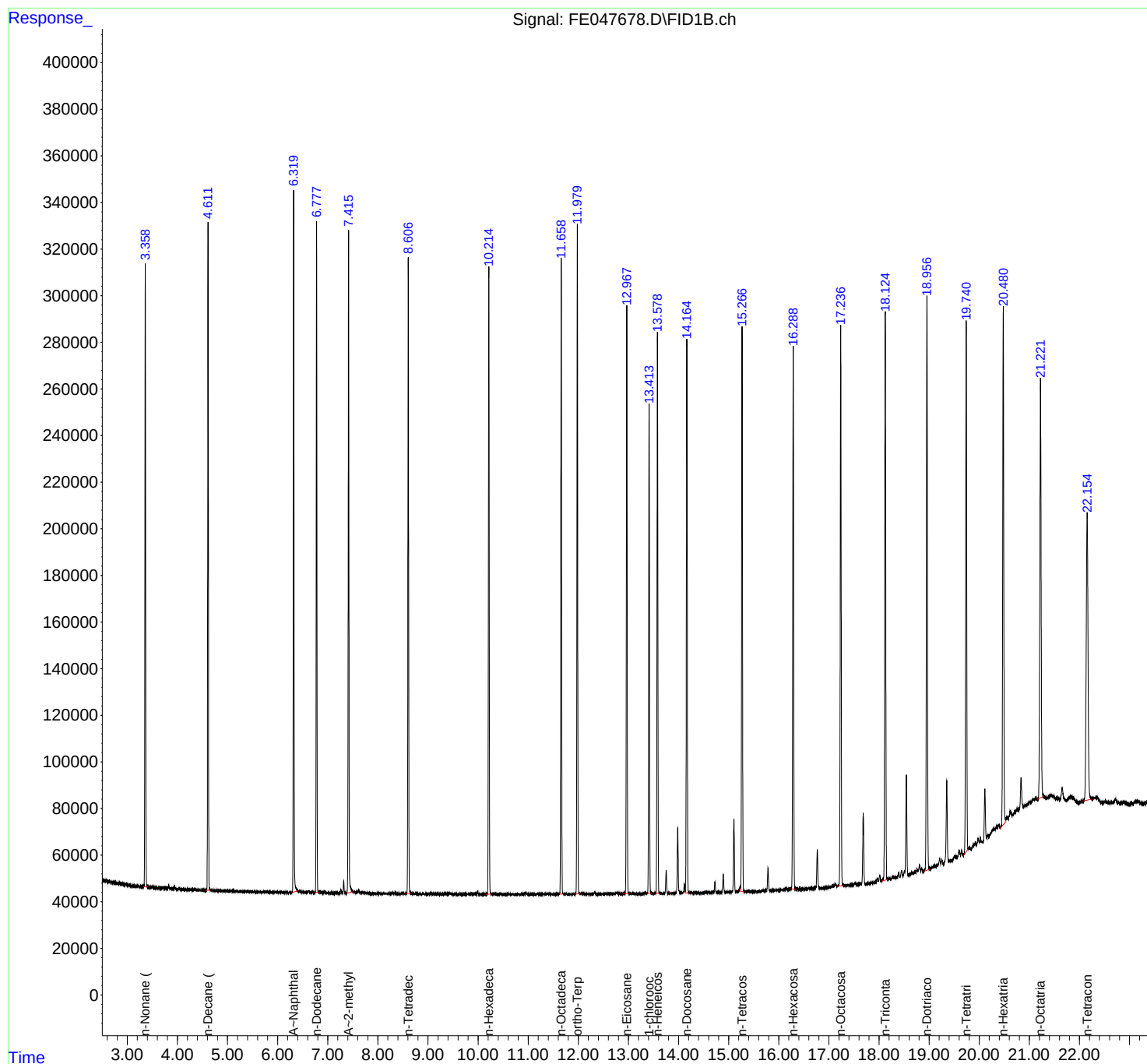
(m)=manual int.

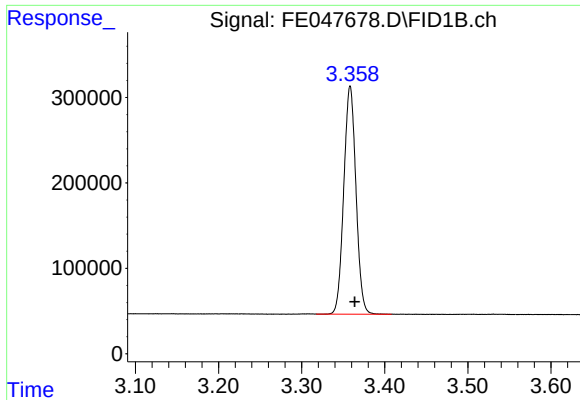
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041824AL\  
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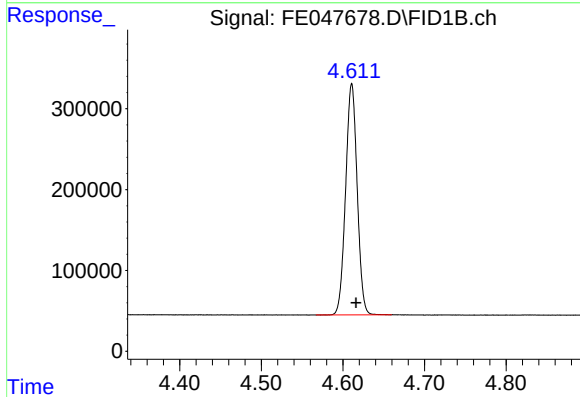




#1 n-Nonane (C9)

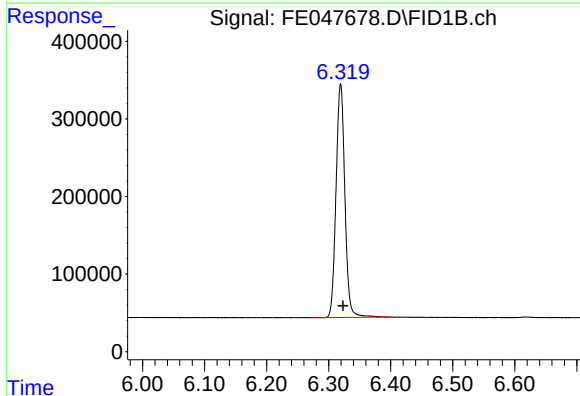
R.T.: 3.358 min  
Delta R.T.: -0.006 min  
Response: 2717802  
Conc: 17.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



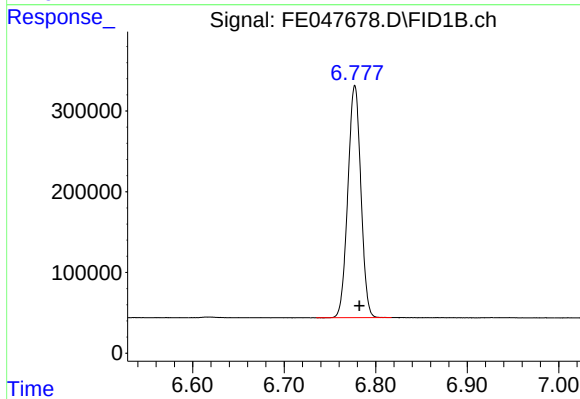
#2 n-Decane (C10)

R.T.: 4.611 min  
Delta R.T.: -0.005 min  
Response: 2816111  
Conc: 17.52 ug/ml



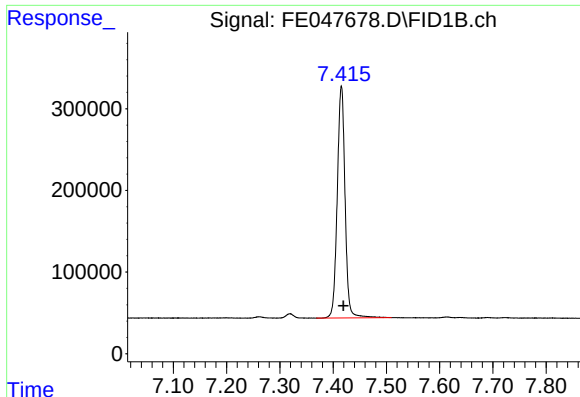
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min  
Delta R.T.: -0.004 min  
Response: 2983908  
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

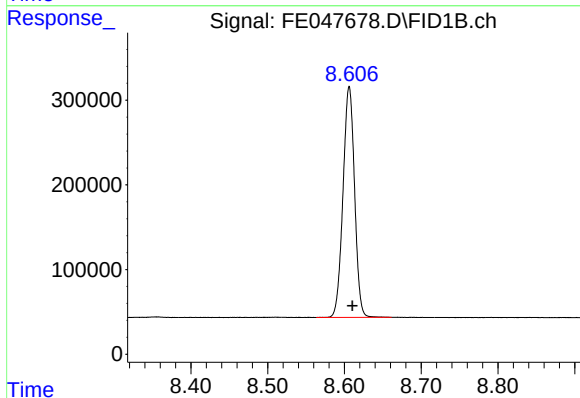
R.T.: 6.777 min  
Delta R.T.: -0.005 min  
Response: 2839599  
Conc: 17.50 ug/ml



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

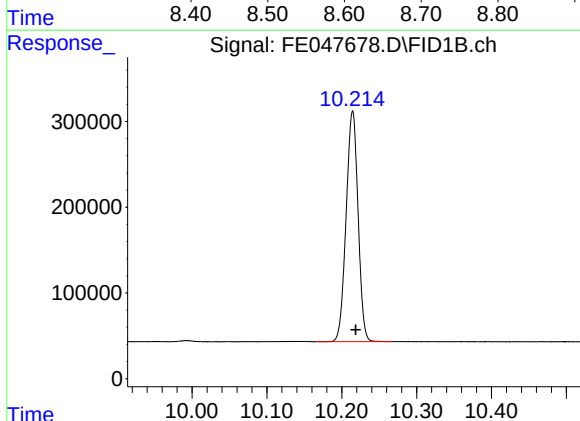
R.T.: 7.416 min  
Delta R.T.: -0.004 min  
Response: 2894127  
Conc: 17.62 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



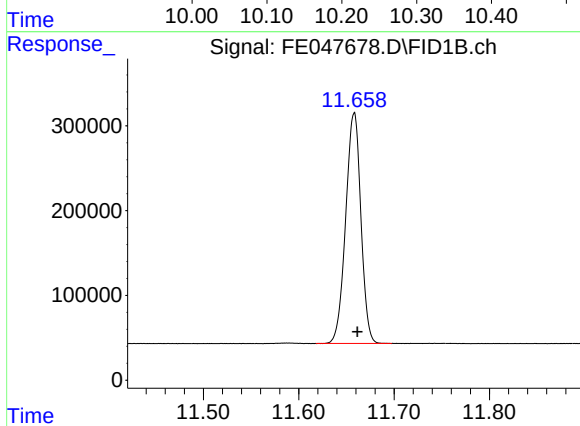
#6 n-Tetradecane (C14)

R.T.: 8.606 min  
Delta R.T.: -0.004 min  
Response: 2853461  
Conc: 17.74 ug/ml



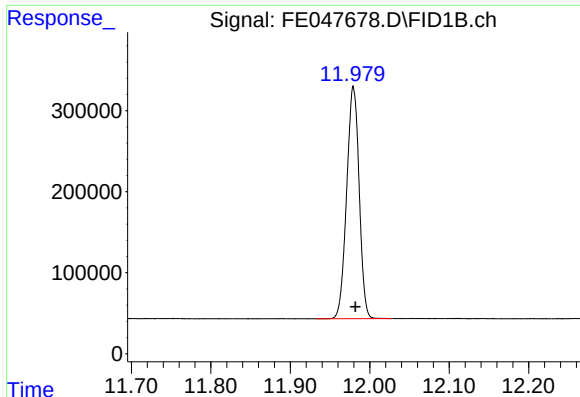
#7 n-Hexadecane (C16)

R.T.: 10.215 min  
Delta R.T.: -0.004 min  
Response: 2977691  
Conc: 17.93 ug/ml



#8 n-Octadecane (C18)

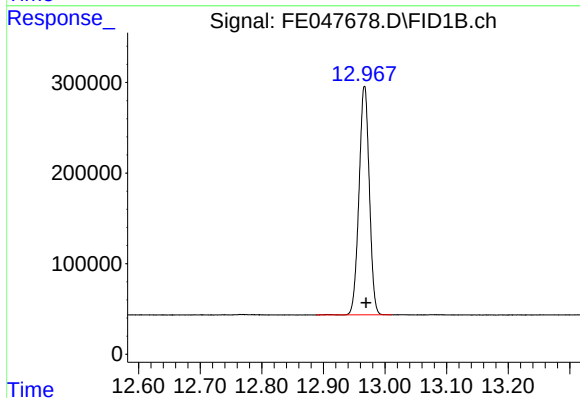
R.T.: 11.658 min  
Delta R.T.: -0.003 min  
Response: 3026302  
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

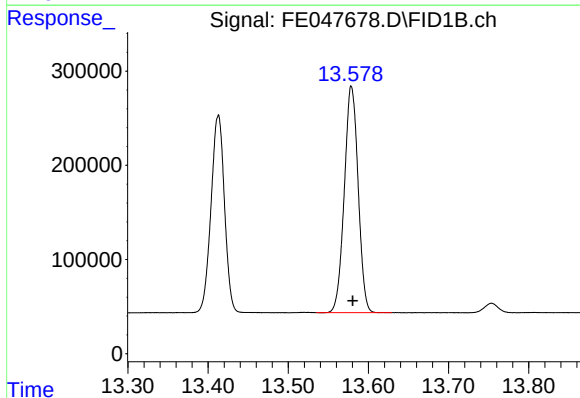
R.T.: 11.979 min  
Delta R.T.: -0.003 min  
Response: 3128333  
Conc: 18.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



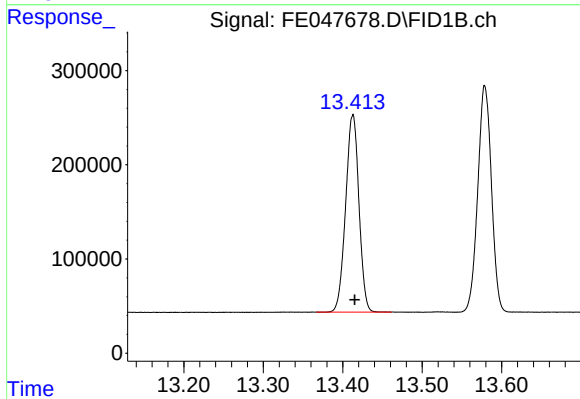
#10 n-Eicosane (C20)

R.T.: 12.967 min  
Delta R.T.: -0.003 min  
Response: 2937254  
Conc: 18.13 ug/ml



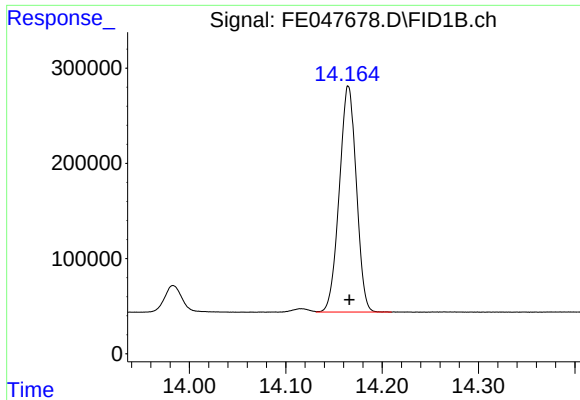
#11 n-Heneicosane (C21)

R.T.: 13.579 min  
Delta R.T.: -0.002 min  
Response: 2878368  
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

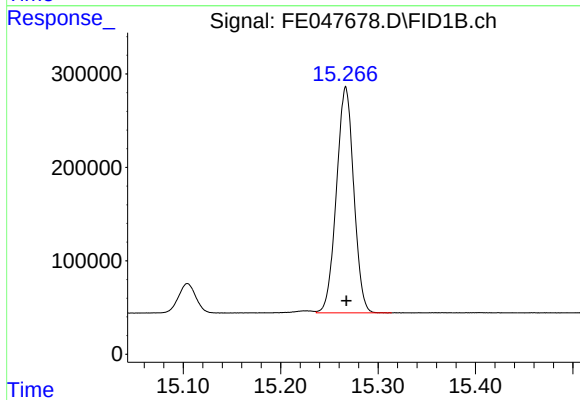
R.T.: 13.413 min  
Delta R.T.: -0.002 min  
Response: 2438834  
Conc: 18.13 ug/ml



#13 n-Docosane (C22)

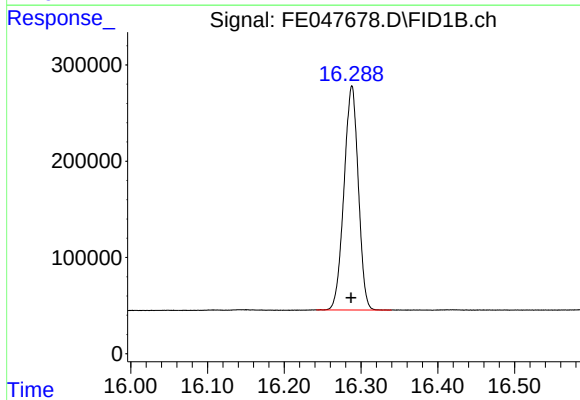
R.T.: 14.165 min  
Delta R.T.: -0.001 min  
Response: 2911673  
Conc: 18.14 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



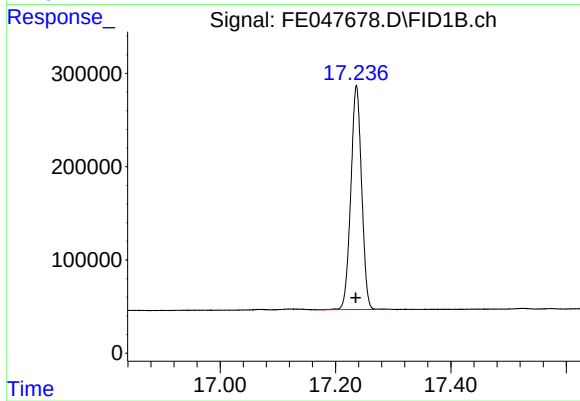
#14 n-Tetracosane (C24)

R.T.: 15.267 min  
Delta R.T.: 0.000 min  
Response: 2986945  
Conc: 18.10 ug/ml



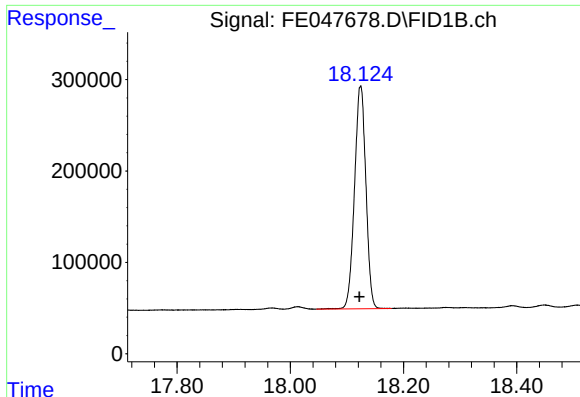
#15 n-Hexacosane (C26)

R.T.: 16.288 min  
Delta R.T.: 0.001 min  
Response: 3018733  
Conc: 18.26 ug/ml



#16 n-Octacosane (C28)

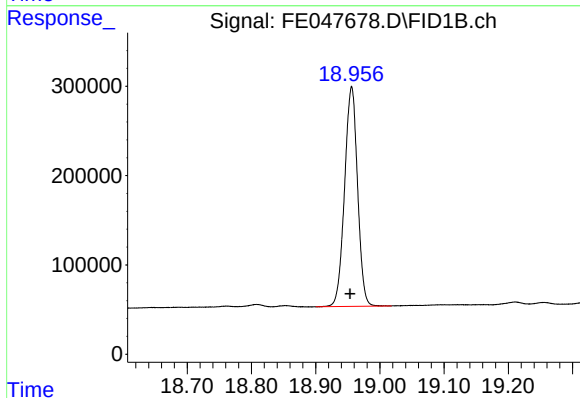
R.T.: 17.236 min  
Delta R.T.: 0.001 min  
Response: 3121933  
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

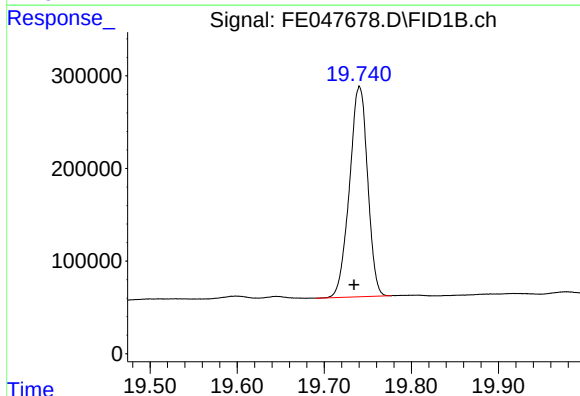
R.T.: 18.124 min  
Delta R.T.: 0.002 min  
Response: 3398257  
Conc: 20.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



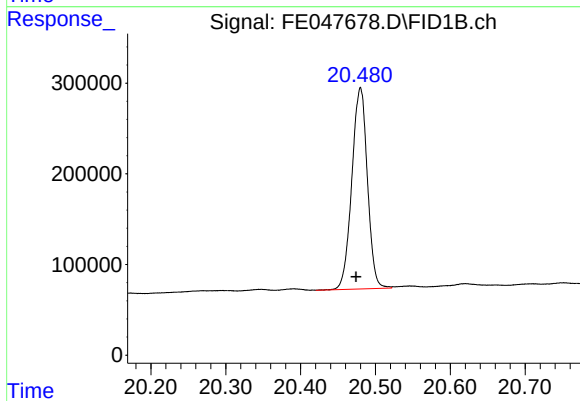
#18 n-Dotriacontane (C32)

R.T.: 18.956 min  
Delta R.T.: 0.003 min  
Response: 3458273  
Conc: 20.74 ug/ml



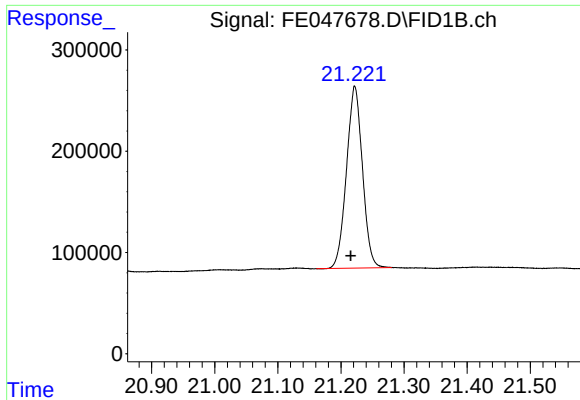
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min  
Delta R.T.: 0.006 min  
Response: 3288667  
Conc: 20.50 ug/ml



#20 n-Hexatriacontane (C36)

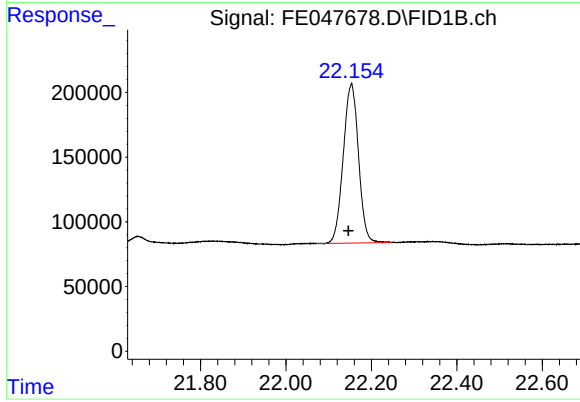
R.T.: 20.480 min  
Delta R.T.: 0.006 min  
Response: 3207022  
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min  
Delta R.T.: 0.006 min  
Response: 3154439  
Conc: 19.41 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.153 min  
Delta R.T.: 0.007 min  
Response: 3050498  
Conc: 18.63 ug/ml