

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021125AL\  
 Data File : FE052345.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Feb 2025 11:34  
 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: Feb 12 01:17:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020325.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 07 07:52:07 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)    | 12.311 | 2393296    | 19.337 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.67%       |
| 12) S 1-chlorooctadecane (S... | 13.723 | 1855874    | 18.805 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.777  | 1807176    | 19.348 ug/ml |
| 2) T n-Decane (C10)            | 5.004  | 1933023    | 20.129 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.707  | 2186253    | 20.457 ug/ml |
| 4) T n-Dodecane (C12)          | 7.134  | 2011972    | 20.299 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.788  | 2157235    | 20.597 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.943  | 2046942    | 20.284 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.539 | 2157897    | 19.886 ug/ml |
| 8) T n-Octadecane (C18)        | 11.973 | 2218310    | 19.527 ug/ml |
| 10) T n-Eicosane (C20)         | 13.276 | 2150077    | 19.052 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.886 | 2118543    | 18.812 ug/ml |
| 13) T n-Docosane (C22)         | 14.469 | 2120355    | 18.733 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.567 | 2100438    | 18.268 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.583 | 2069880    | 18.049 ug/ml |
| 16) T n-Octacosane (C28)       | 17.529 | 2040999    | 18.039 ug/ml |
| 17) T n-Tricontane (C30)       | 18.413 | 2092999    | 18.368 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.242 | 2025136    | 18.575 ug/ml |
| 19) T n-Tetratriacontane (C34) | 20.023 | 1762957    | 18.582 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.759 | 1535819    | 18.587 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.574 | 1461589    | 19.674 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.616 | 1476342    | 19.802 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

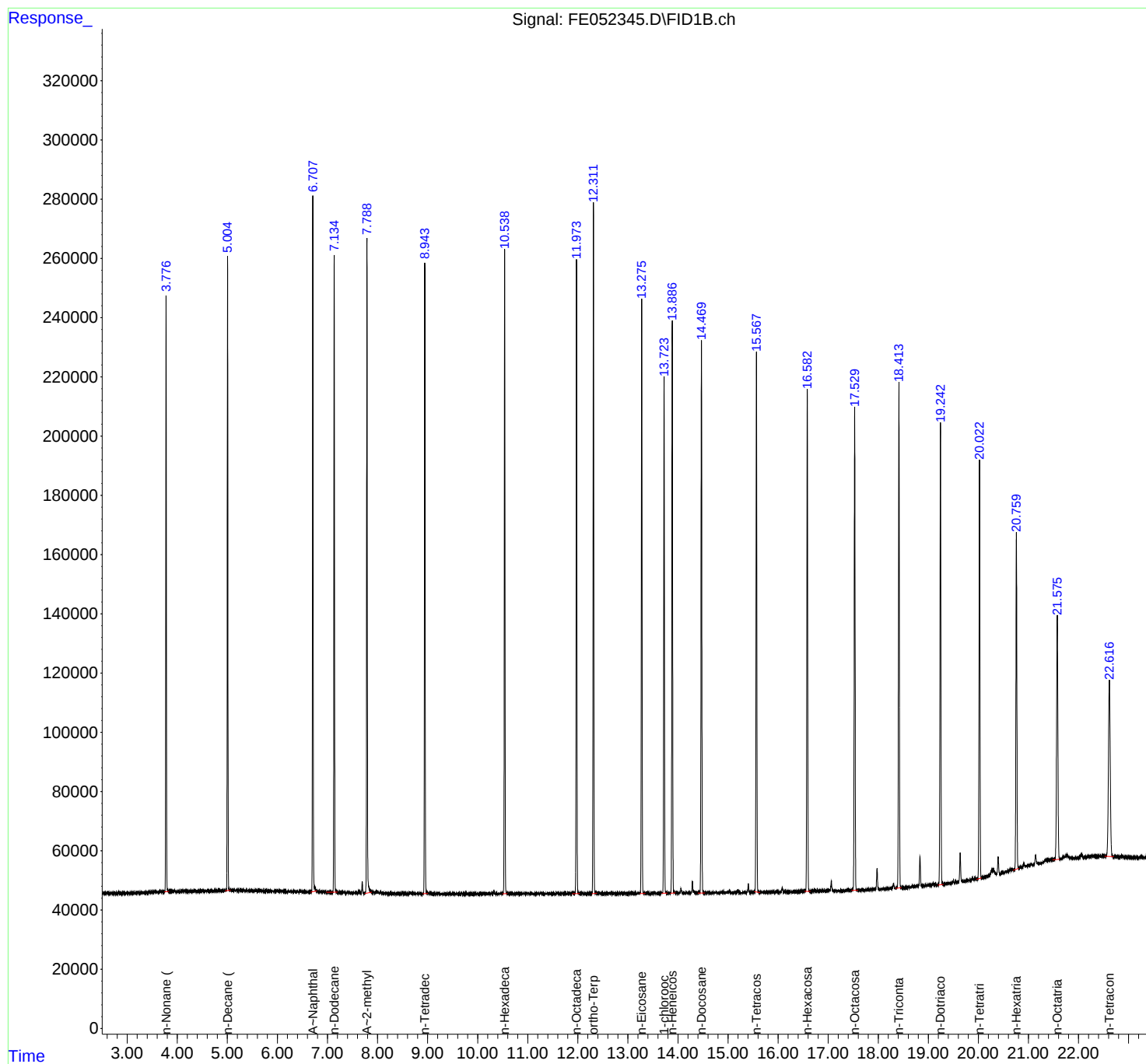
(m)=manual int.

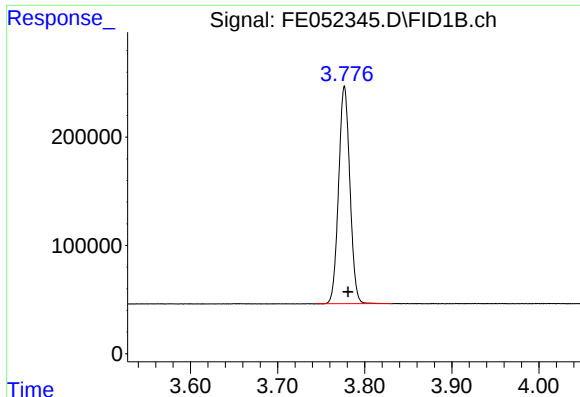
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021125AL\  
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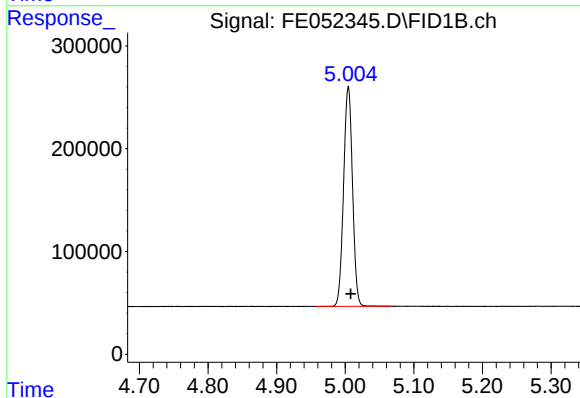




#1 n-Nonane (C9)

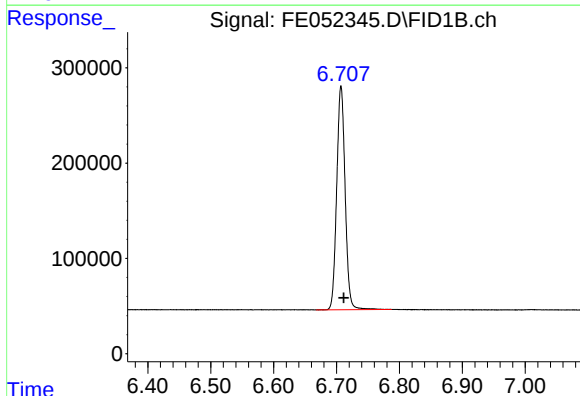
R.T.: 3.777 min  
Delta R.T.: -0.004 min  
Response: 1807176  
Conc: 19.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



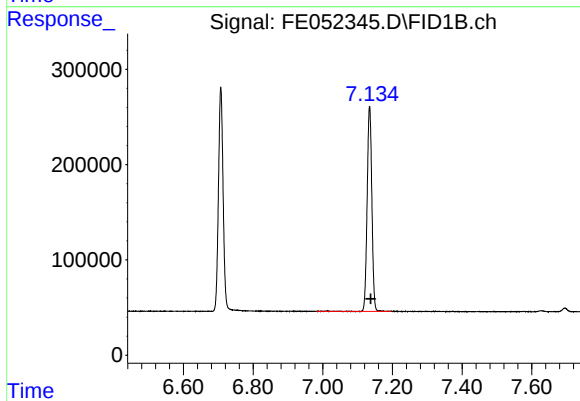
#2 n-Decane (C10)

R.T.: 5.004 min  
Delta R.T.: -0.003 min  
Response: 1933023  
Conc: 20.13 ug/ml



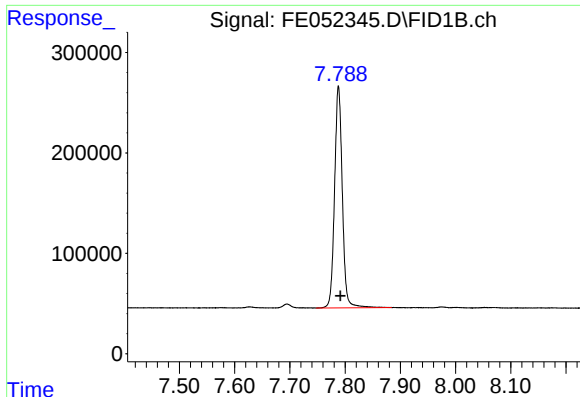
#3 A~Naphthalene (C11.7)

R.T.: 6.707 min  
Delta R.T.: -0.004 min  
Response: 2186253  
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

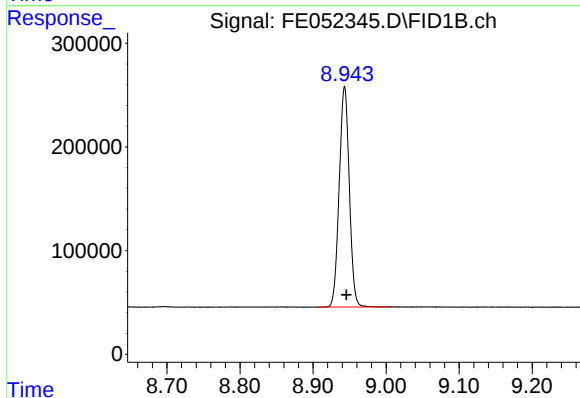
R.T.: 7.134 min  
Delta R.T.: -0.003 min  
Response: 2011972  
Conc: 20.30 ug/ml



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

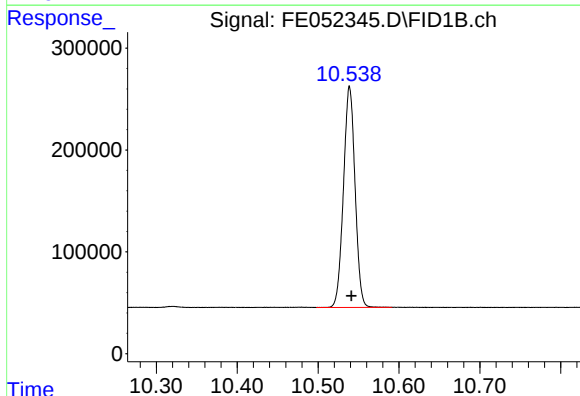
R.T.: 7.788 min  
Delta R.T.: -0.004 min  
Response: 2157235  
Conc: 20.60 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



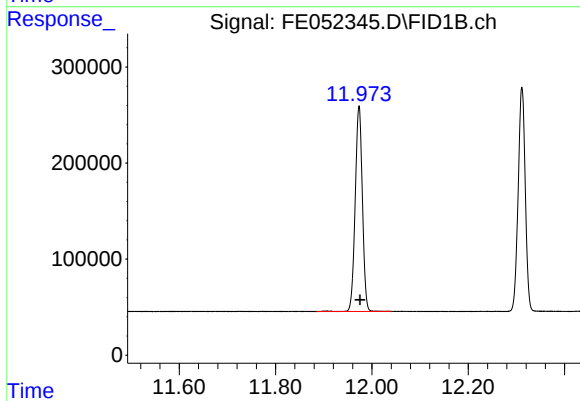
#6 n-Tetradecane (C14)

R.T.: 8.943 min  
Delta R.T.: -0.003 min  
Response: 2046942  
Conc: 20.28 ug/ml



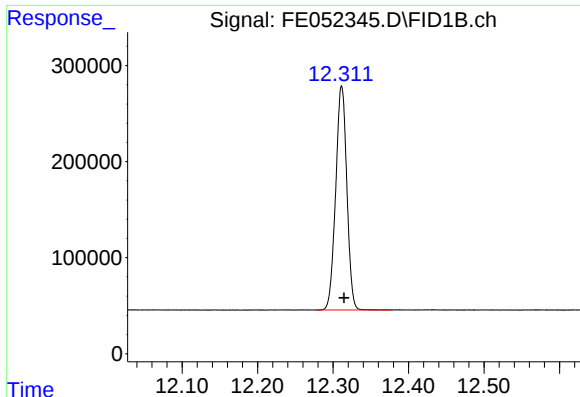
#7 n-Hexadecane (C16)

R.T.: 10.539 min  
Delta R.T.: -0.002 min  
Response: 2157897  
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

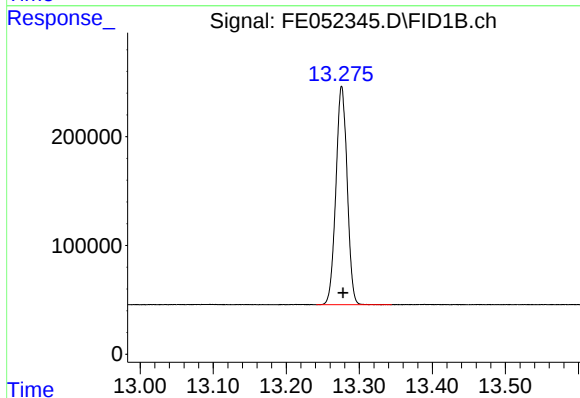
R.T.: 11.973 min  
Delta R.T.: -0.002 min  
Response: 2218310  
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

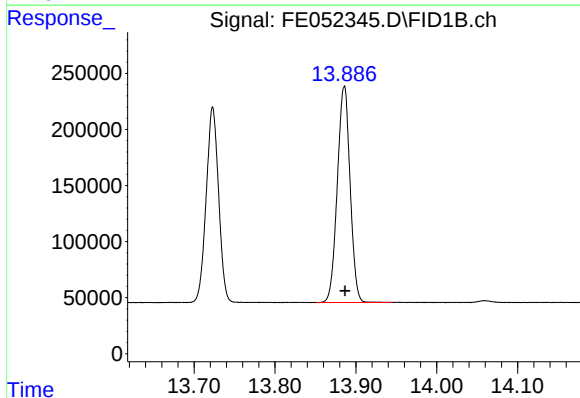
R.T.: 12.311 min  
Delta R.T.: -0.003 min  
Response: 2393296  
Conc: 19.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



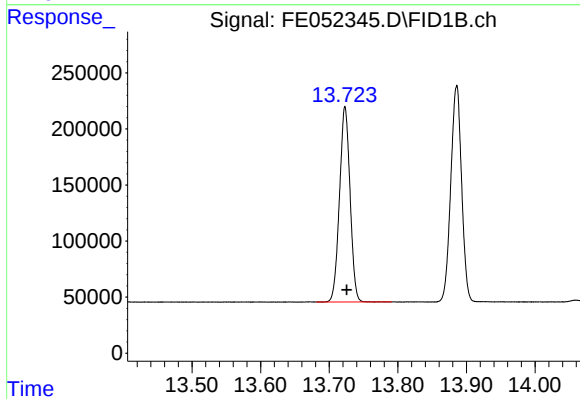
#10 n-Eicosane (C20)

R.T.: 13.276 min  
Delta R.T.: -0.002 min  
Response: 2150077  
Conc: 19.05 ug/ml



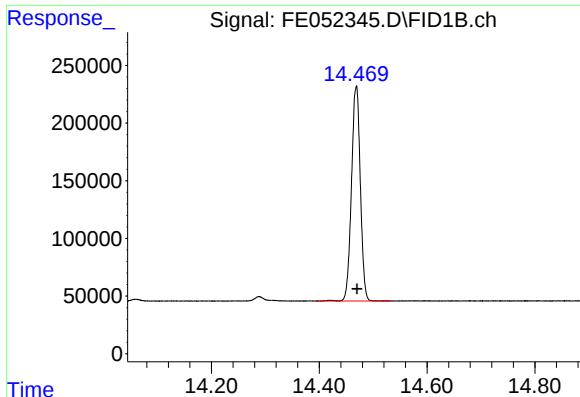
#11 n-Heneicosane (C21)

R.T.: 13.886 min  
Delta R.T.: -0.001 min  
Response: 2118543  
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

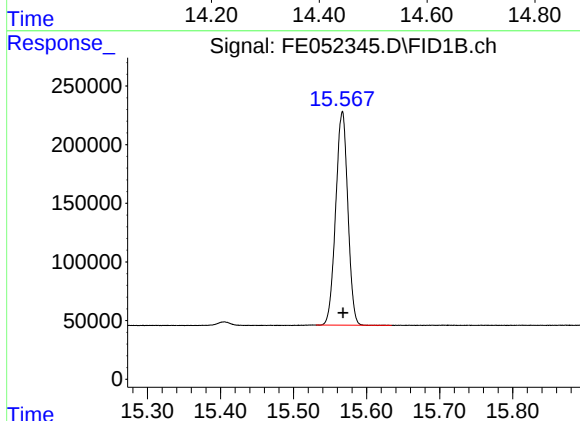
R.T.: 13.723 min  
Delta R.T.: -0.002 min  
Response: 1855874  
Conc: 18.80 ug/ml



#13 n-Docosane (C22)

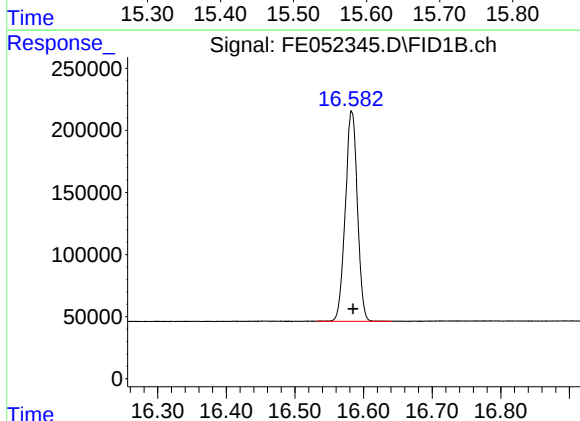
R.T.: 14.469 min  
Delta R.T.: -0.001 min  
Response: 2120355  
Conc: 18.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



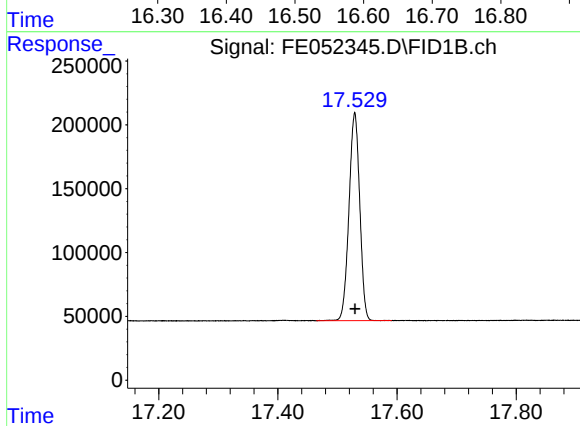
#14 n-Tetracosane (C24)

R.T.: 15.567 min  
Delta R.T.: -0.001 min  
Response: 2100438  
Conc: 18.27 ug/ml



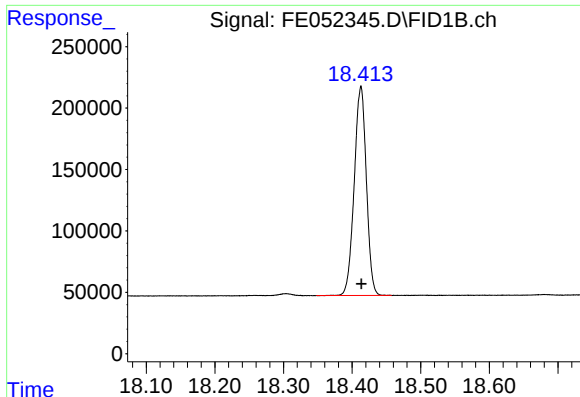
#15 n-Hexacosane (C26)

R.T.: 16.583 min  
Delta R.T.: -0.002 min  
Response: 2069880  
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

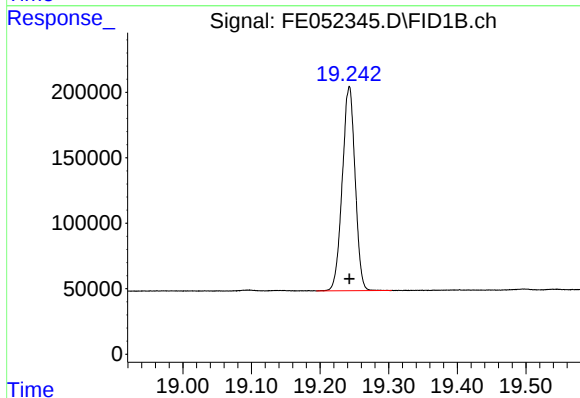
R.T.: 17.529 min  
Delta R.T.: 0.000 min  
Response: 2040999  
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

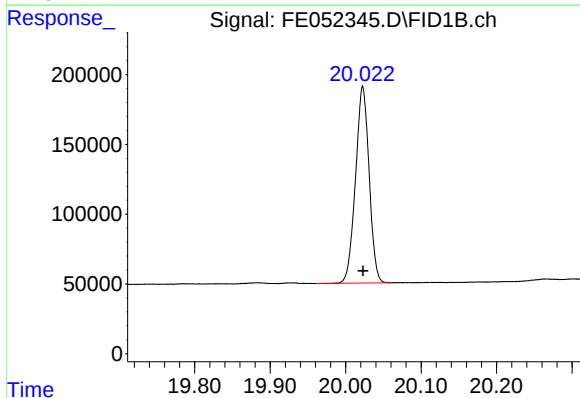
R.T.: 18.413 min  
Delta R.T.: -0.001 min  
Response: 2092999  
Conc: 18.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



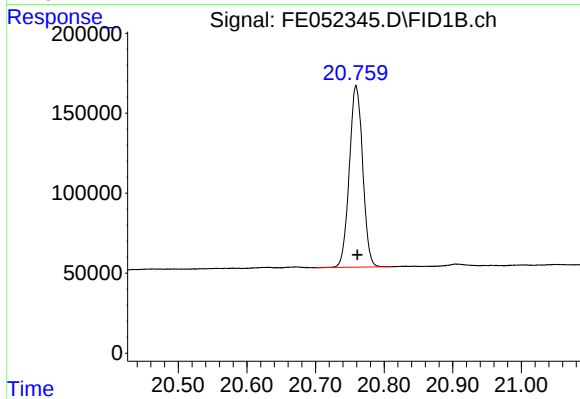
#18 n-Dotriacontane (C32)

R.T.: 19.242 min  
Delta R.T.: 0.000 min  
Response: 2025136  
Conc: 18.57 ug/ml



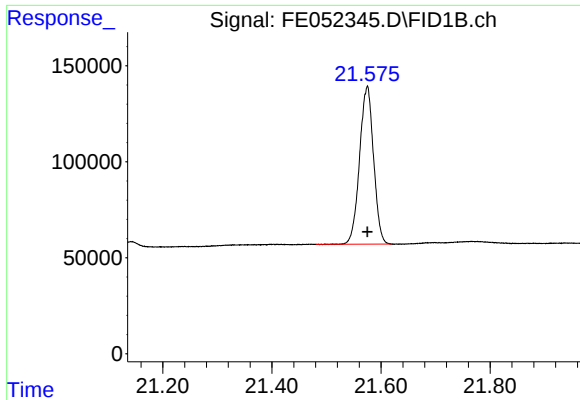
#19 n-Tetratriacontane (C34)

R.T.: 20.023 min  
Delta R.T.: 0.000 min  
Response: 1762957  
Conc: 18.58 ug/ml



#20 n-Hexatriacontane (C36)

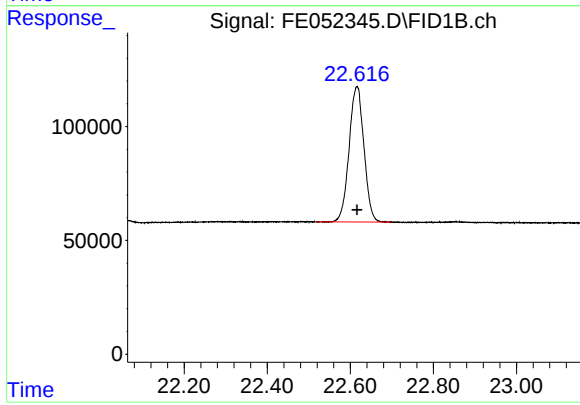
R.T.: 20.759 min  
Delta R.T.: -0.002 min  
Response: 1535819  
Conc: 18.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.574 min  
Delta R.T.: 0.000 min  
Response: 1461589  
Conc: 19.67 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.616 min  
Delta R.T.: 0.000 min  
Response: 1476342  
Conc: 19.80 ug/ml