

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030525AL\  
 Data File : FE052649.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Mar 2025 01:00  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 06 01:55:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 030325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 03 13:39:39 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)    | 11.914 | 3133150    | 18.585 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.17%       |
| 12) S 1-chlorooctadecane (S... | 13.359 | 2358928    | 19.427 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.85%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.252  | 3009250    | 19.408 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 3065505    | 19.514 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.228  | 3298080    | 19.447 ug/ml |
| 4) T n-Dodecane (C12)          | 6.696  | 3013451    | 19.354 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.331  | 3136540    | 19.354 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.533  | 2905858    | 19.205 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.148 | 2933984    | 19.190 ug/ml |
| 8) T n-Octadecane (C18)        | 11.598 | 2910821    | 19.132 ug/ml |
| 10) T n-Eicosane (C20)         | 12.913 | 2771196    | 19.089 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.528 | 2716372    | 19.085 ug/ml |
| 13) T n-Docosane (C22)         | 14.116 | 2721405    | 19.123 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.223 | 2773924    | 19.383 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.249 | 2768170    | 19.468 ug/ml |
| 16) T n-Octacosane (C28)       | 17.203 | 2787208    | 19.601 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 2906463    | 19.678 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.928 | 2896077    | 19.948 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.715 | 2565114    | 19.032 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 2316374    | 19.494 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.200 | 2259765    | 20.370 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.126 | 2279346    | 21.082 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

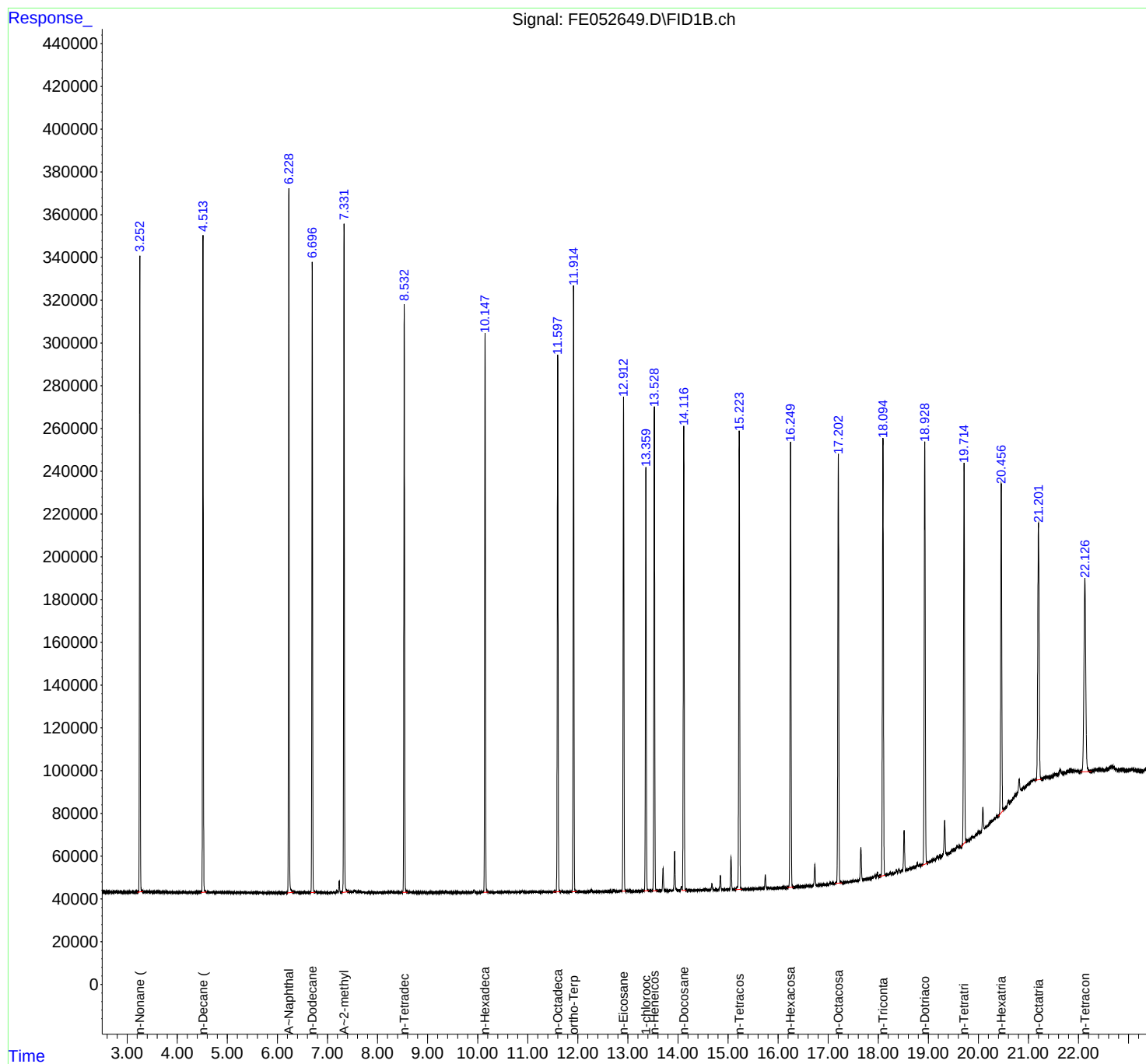
(m)=manual int.

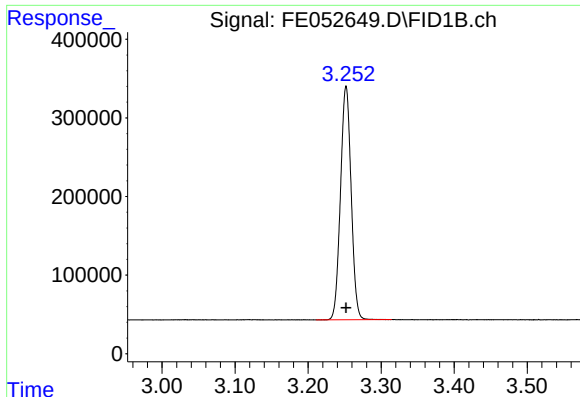
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030525AL\  
Data File : FE052649.D  
Signal(s) : FID1B.ch  
Acq On : 06 Mar 2025 01:00  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 030325.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 03 13:39:39 2025  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

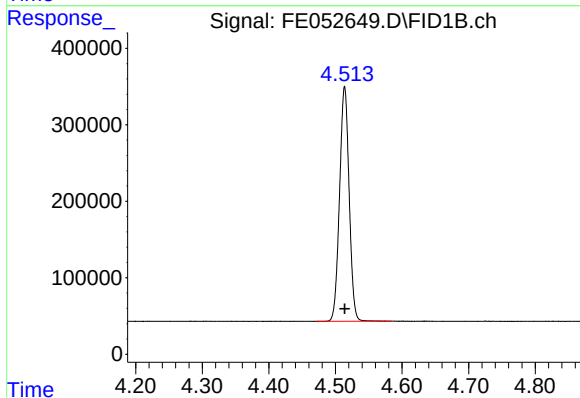




#1 n-Nonane (C9)

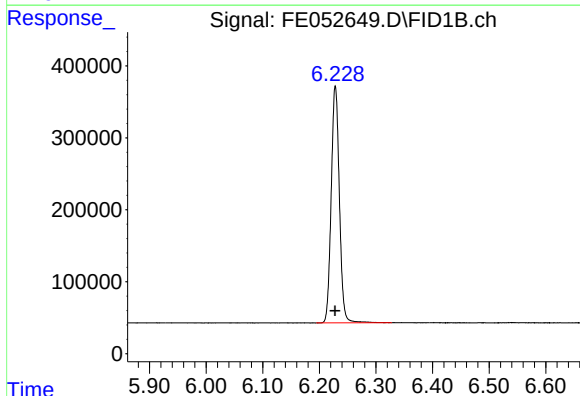
R.T.: 3.252 min  
Delta R.T.: 0.000 min  
Response: 3009250  
Conc: 19.41 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



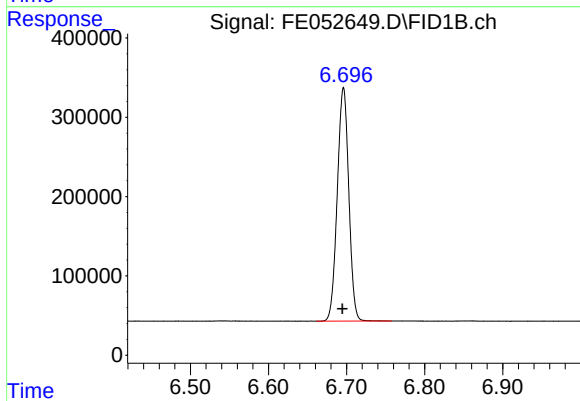
#2 n-Decane (C10)

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 3065505  
Conc: 19.51 ug/ml



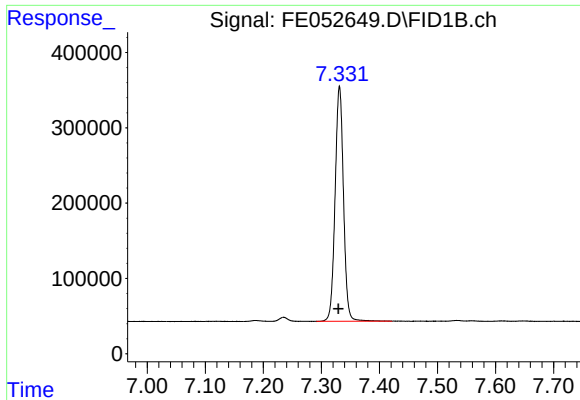
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 3298080  
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

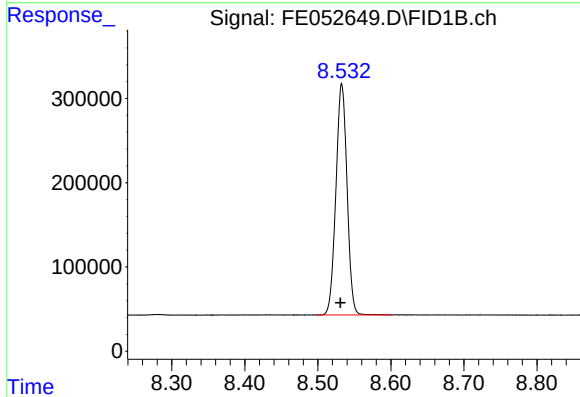
R.T.: 6.696 min  
Delta R.T.: 0.001 min  
Response: 3013451  
Conc: 19.35 ug/ml



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

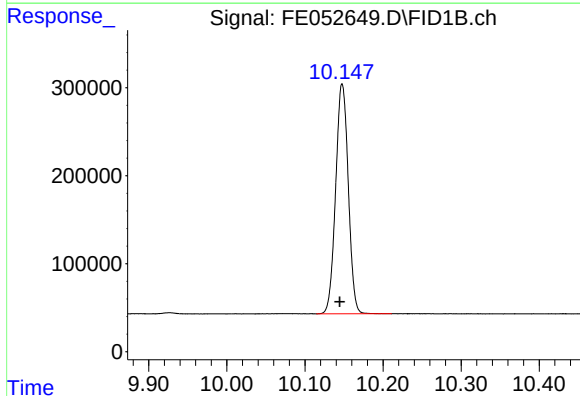
R.T.: 7.331 min  
Delta R.T.: 0.002 min  
Response: 3136540  
Conc: 19.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



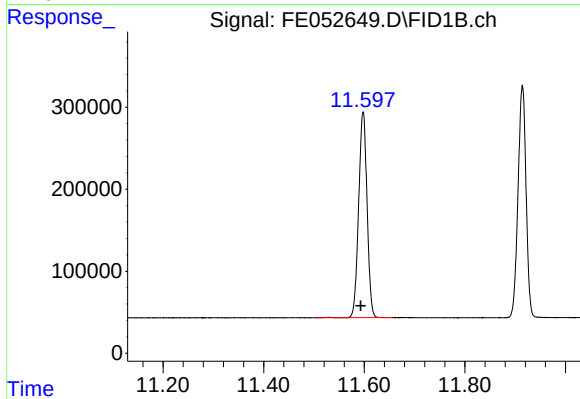
#6 n-Tetradecane (C14)

R.T.: 8.533 min  
Delta R.T.: 0.002 min  
Response: 2905858  
Conc: 19.20 ug/ml



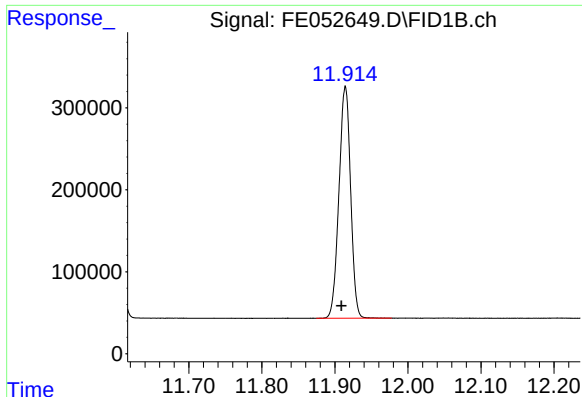
#7 n-Hexadecane (C16)

R.T.: 10.148 min  
Delta R.T.: 0.003 min  
Response: 2933984  
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

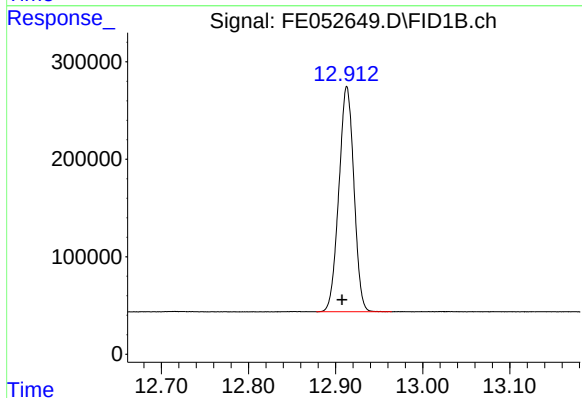
R.T.: 11.598 min  
Delta R.T.: 0.005 min  
Response: 2910821  
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

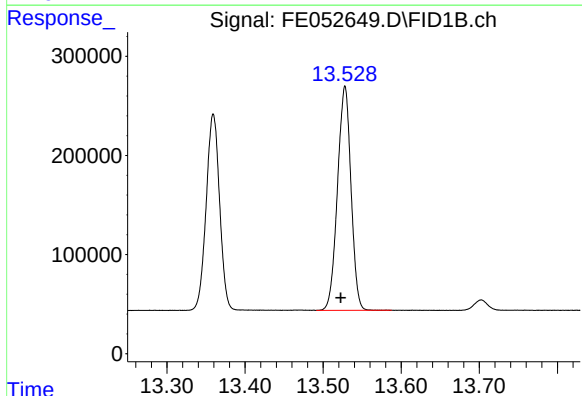
R.T.: 11.914 min  
Delta R.T.: 0.006 min  
Response: 3133150  
Conc: 18.58 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



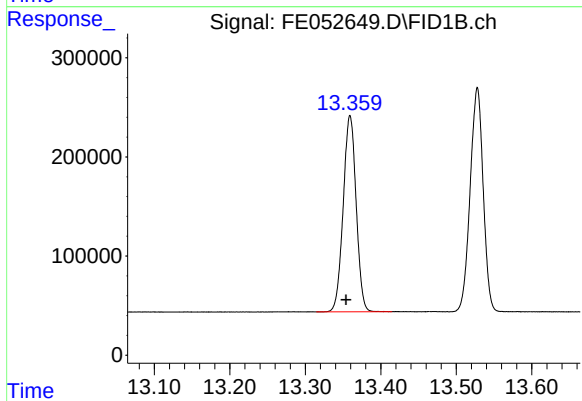
#10 n-Eicosane (C20)

R.T.: 12.913 min  
Delta R.T.: 0.005 min  
Response: 2771196  
Conc: 19.09 ug/ml



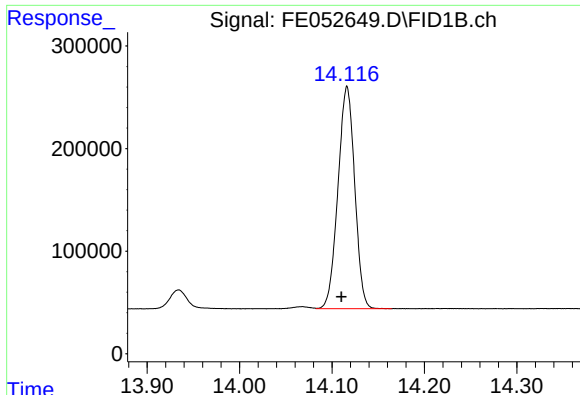
#11 n-Heneicosane (C21)

R.T.: 13.528 min  
Delta R.T.: 0.005 min  
Response: 2716372  
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

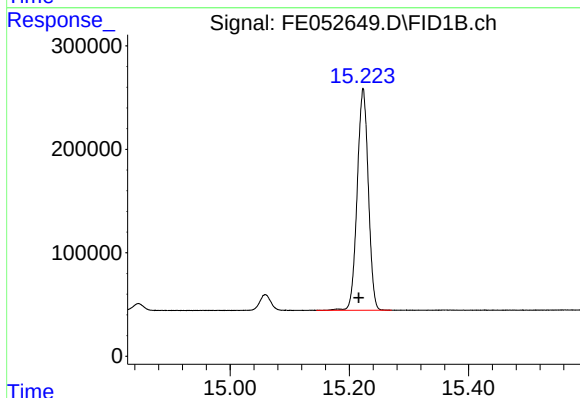
R.T.: 13.359 min  
Delta R.T.: 0.005 min  
Response: 2358928  
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

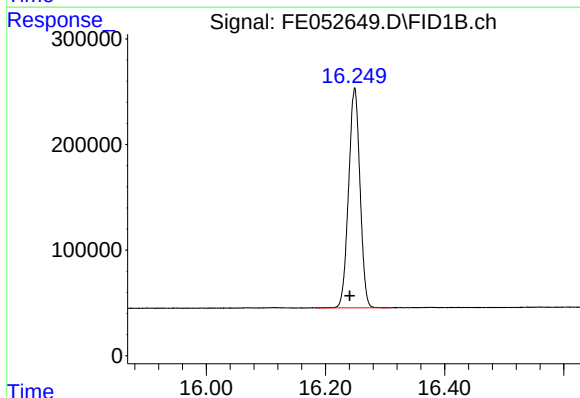
R.T.: 14.116 min  
Delta R.T.: 0.006 min  
Response: 2721405  
Conc: 19.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



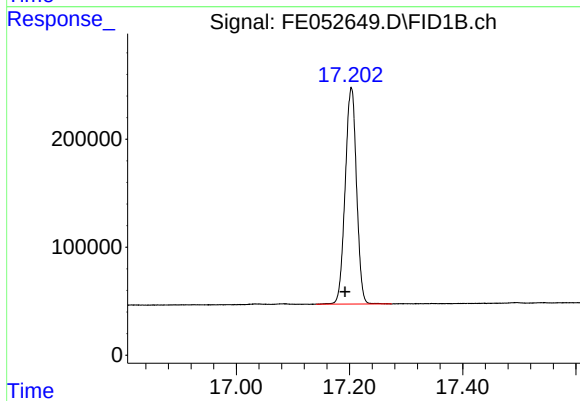
#14 n-Tetracosane (C24)

R.T.: 15.223 min  
Delta R.T.: 0.007 min  
Response: 2773924  
Conc: 19.38 ug/ml



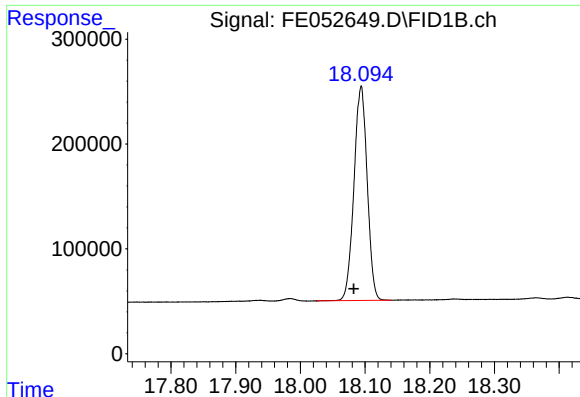
#15 n-Hexacosane (C26)

R.T.: 16.249 min  
Delta R.T.: 0.008 min  
Response: 2768170  
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

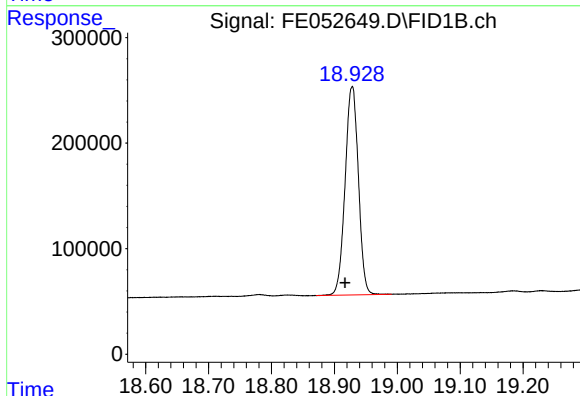
R.T.: 17.203 min  
Delta R.T.: 0.011 min  
Response: 2787208  
Conc: 19.60 ug/ml



#17 n-Tricontane (C30)

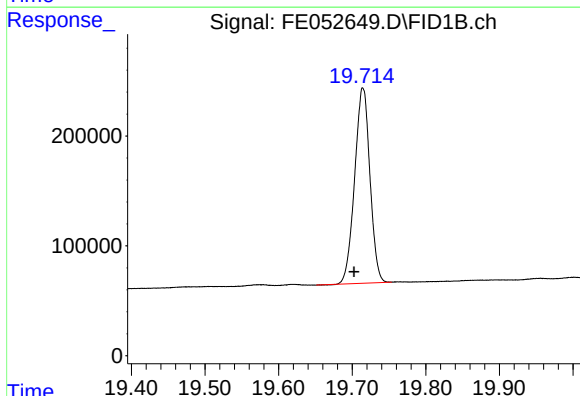
R.T.: 18.094 min  
Delta R.T.: 0.011 min  
Response: 2906463  
Conc: 19.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



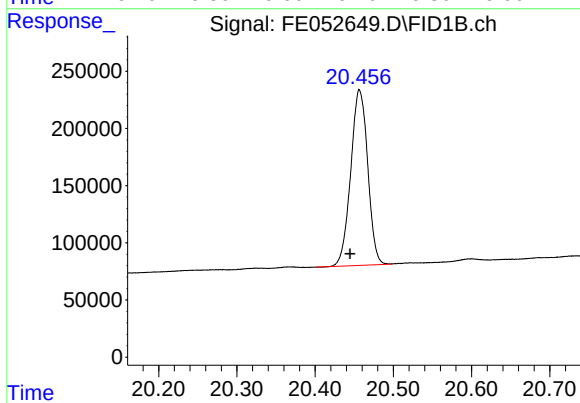
#18 n-Dotriacontane (C32)

R.T.: 18.928 min  
Delta R.T.: 0.011 min  
Response: 2896077  
Conc: 19.95 ug/ml



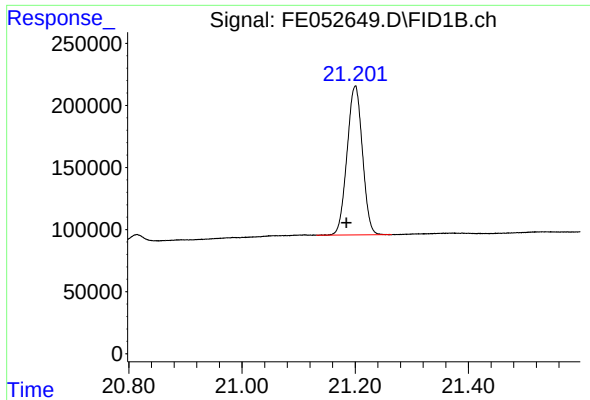
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min  
Delta R.T.: 0.012 min  
Response: 2565114  
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

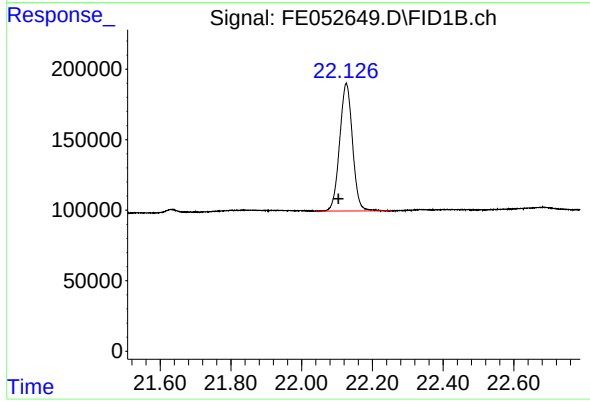
R.T.: 20.457 min  
Delta R.T.: 0.012 min  
Response: 2316374  
Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min  
Delta R.T.: 0.015 min  
Response: 2259765  
Conc: 20.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.126 min  
Delta R.T.: 0.022 min  
Response: 2279346  
Conc: 21.08 ug/ml