

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011625AL\  
 Data File : FE051934.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Jan 2025 13:41  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Jan 16 15:06:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 15:04:35 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)    | 12.194 | 13180280   | 95.158 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 190.32%      |
| 12) S 1-chlorooctadecane (S... | 13.613 | 10485008   | 94.844 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 189.69%      |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.619  | 9893971    | 95.696 ug/ml |
| 2) T n-Decane (C10)            | 4.856  | 10177404   | 95.640 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.560  | 11338746   | 95.759 ug/ml |
| 4) T n-Dodecane (C12)          | 7.001  | 10555705   | 95.986 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.648  | 11253718   | 96.169 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.820  | 10927698   | 96.131 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.422 | 11718913   | 95.486 ug/ml |
| 8) T n-Octadecane (C18)        | 11.862 | 12167309   | 95.010 ug/ml |
| 10) T n-Eicosane (C20)         | 13.167 | 11964882   | 94.784 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.778 | 11878976   | 94.747 ug/ml |
| 13) T n-Docosane (C22)         | 14.363 | 11918024   | 94.505 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.463 | 11985677   | 94.368 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.480 | 11846864   | 94.103 ug/ml |
| 16) T n-Octacosane (C28)       | 17.428 | 11578172   | 93.223 ug/ml |
| 17) T n-Tricontane (C30)       | 18.314 | 11583656   | 91.963 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.143 | 10942864   | 91.194 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.924 | 9516388    | 91.638 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.661 | 8154109    | 92.259 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.457 | 7619966    | 93.131 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.470 | 7370521    | 93.425 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

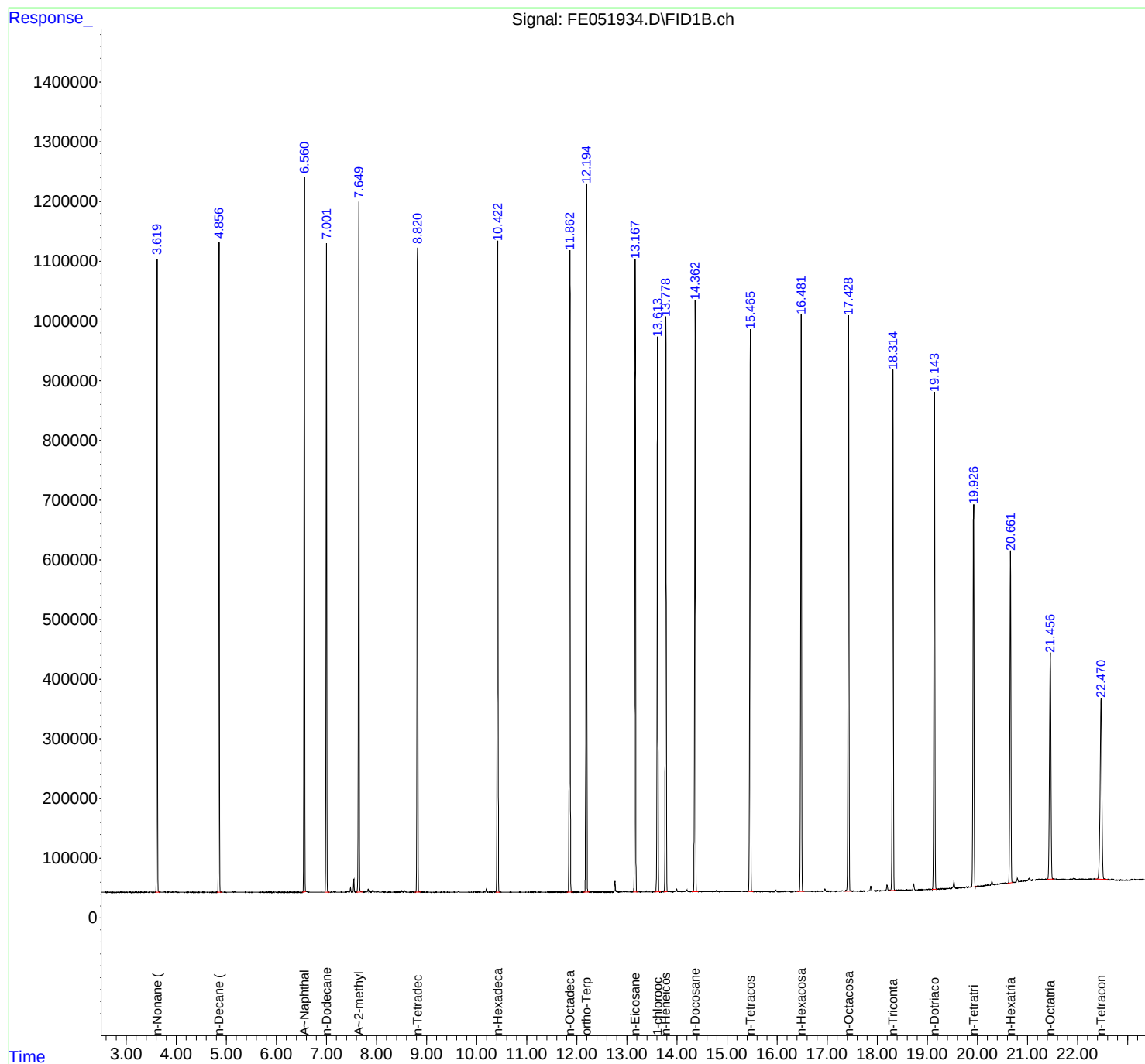
(m)=manual int.

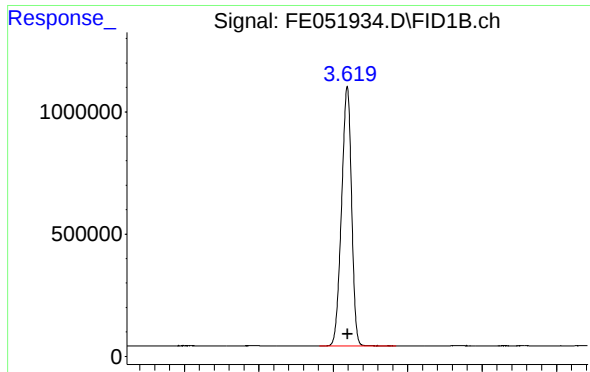
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011625AL\  
Data File : FE051934.D  
Signal(s) : FID1B.ch  
Acq On : 16 Jan 2025 13:41  
Operator : YP\AJ  
Sample : 100 PPM ALIPHATIC HC STD1  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
Quant Time: Jan 16 15:06:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 16 15:04:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

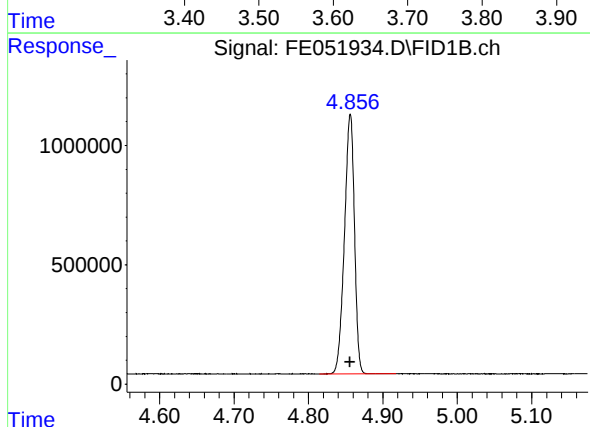




#1 n-Nonane (C9)

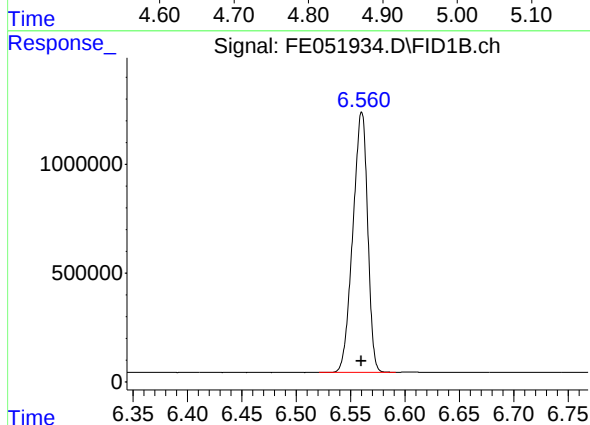
R.T.: 3.619 min  
Delta R.T.: 0.000 min  
Response: 9893971  
Conc: 95.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



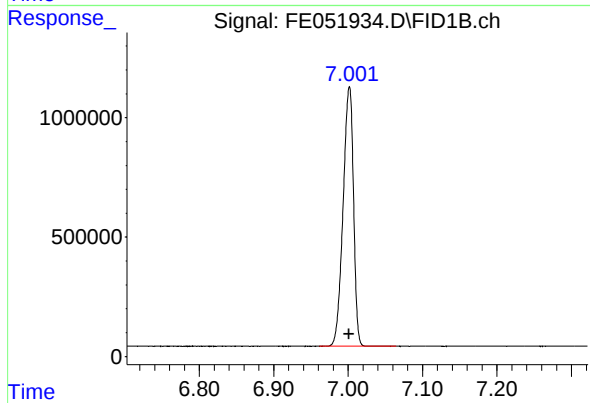
#2 n-Decane (C10)

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 10177404  
Conc: 95.64 ug/ml



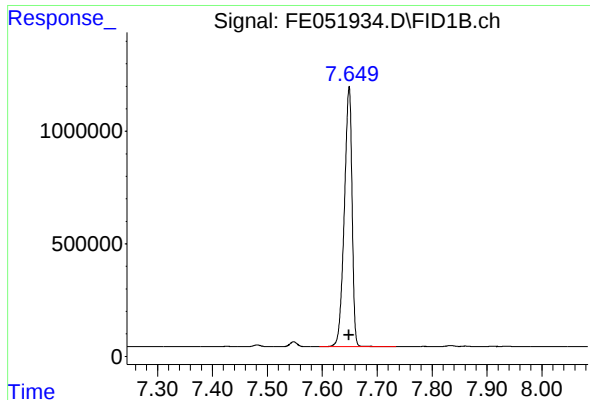
#3 A~Naphthalene (C11.7)

R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 11338746  
Conc: 95.76 ug/ml



#4 n-Dodecane (C12)

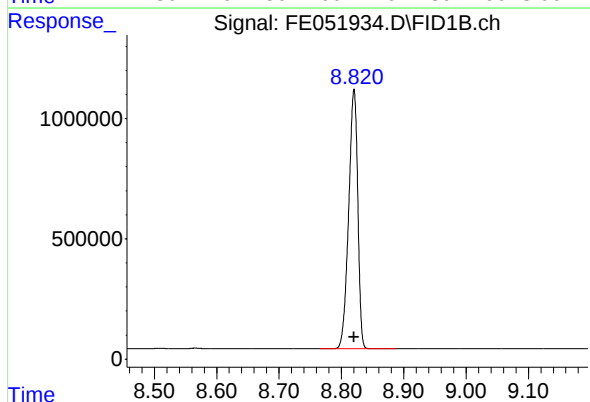
R.T.: 7.001 min  
Delta R.T.: 0.000 min  
Response: 10555705  
Conc: 95.99 ug/ml



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

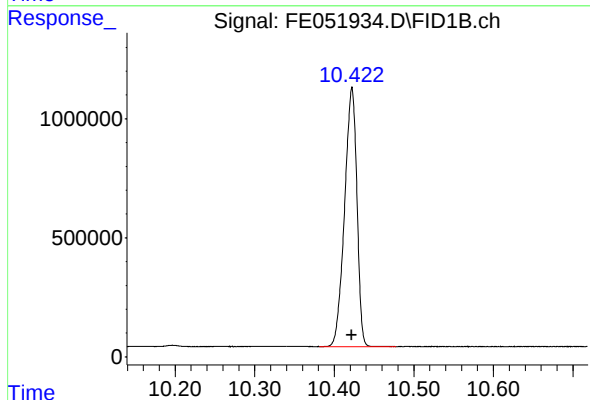
R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 11253718  
Conc: 96.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



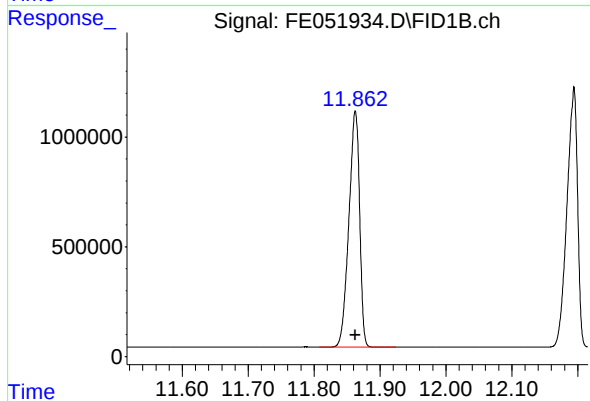
#6 n-Tetradecane (C14)

R.T.: 8.820 min  
Delta R.T.: 0.000 min  
Response: 10927698  
Conc: 96.13 ug/ml



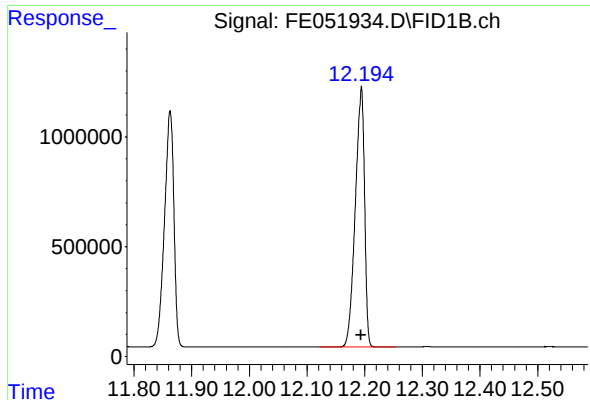
#7 n-Hexadecane (C16)

R.T.: 10.422 min  
Delta R.T.: 0.000 min  
Response: 11718913  
Conc: 95.49 ug/ml



#8 n-Octadecane (C18)

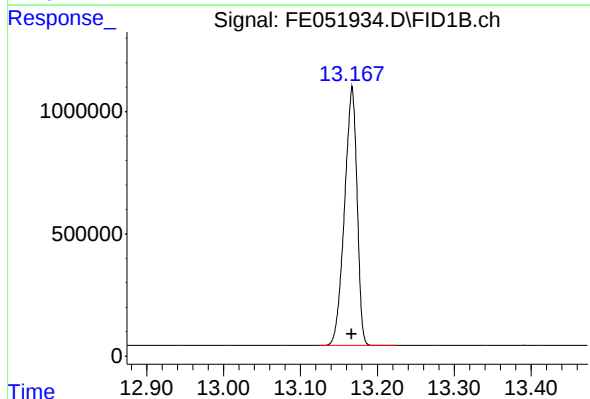
R.T.: 11.862 min  
Delta R.T.: 0.000 min  
Response: 12167309  
Conc: 95.01 ug/ml



#9 ortho-Terphenyl (SURR)

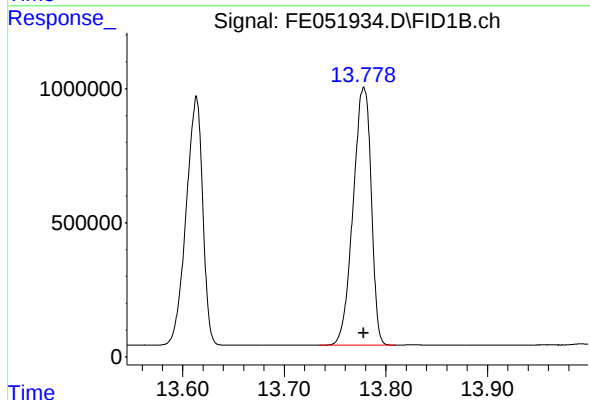
R.T.: 12.194 min  
Delta R.T.: 0.000 min  
Response: 13180280  
Conc: 95.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



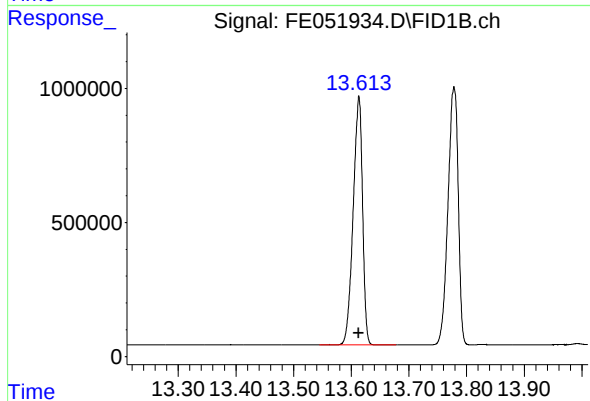
#10 n-Eicosane (C20)

R.T.: 13.167 min  
Delta R.T.: 0.000 min  
Response: 11964882  
Conc: 94.78 ug/ml



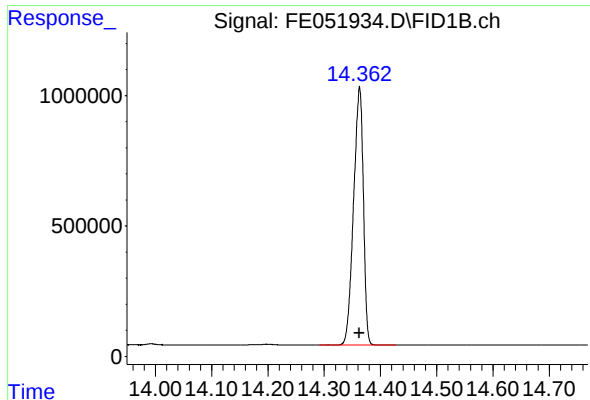
#11 n-Heneicosane (C21)

R.T.: 13.778 min  
Delta R.T.: 0.000 min  
Response: 11878976  
Conc: 94.75 ug/ml



#12 1-chlorooctadecane (SURR)

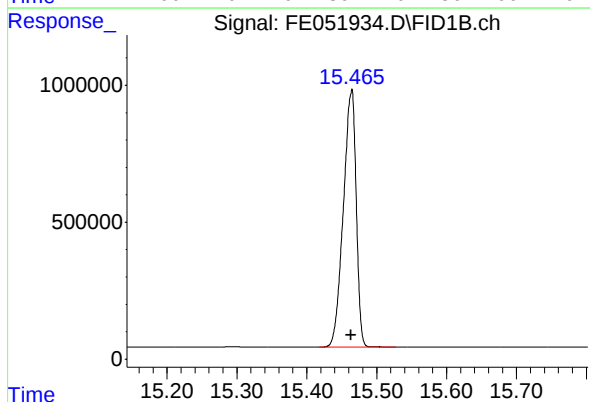
R.T.: 13.613 min  
Delta R.T.: 0.000 min  
Response: 10485008  
Conc: 94.84 ug/ml



#13 n-Docosane (C22)

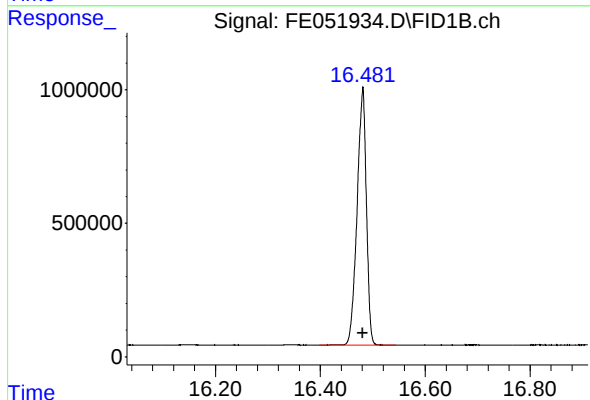
R.T.: 14.363 min  
Delta R.T.: 0.000 min  
Response: 11918024  
Conc: 94.51 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



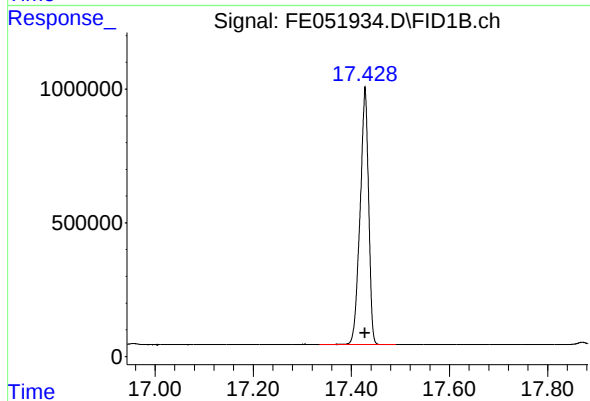
#14 n-Tetracosane (C24)

R.T.: 15.463 min  
Delta R.T.: 0.000 min  
Response: 11985677  
Conc: 94.37 ug/ml



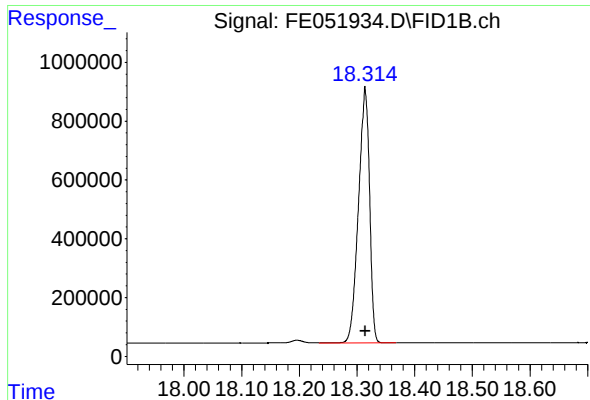
#15 n-Hexacosane (C26)

R.T.: 16.480 min  
Delta R.T.: 0.000 min  
Response: 11846864  
Conc: 94.10 ug/ml



#16 n-Octacosane (C28)

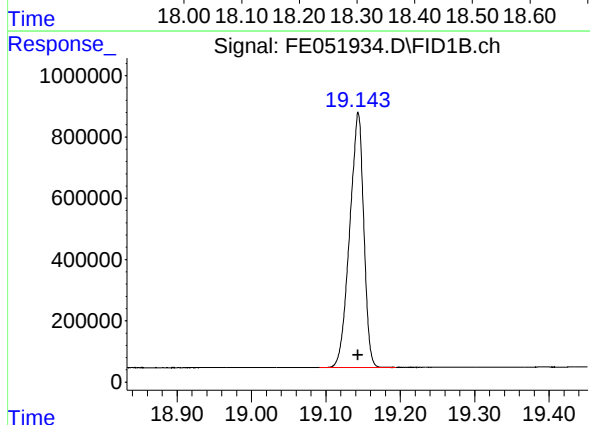
R.T.: 17.428 min  
Delta R.T.: 0.000 min  
Response: 11578172  
Conc: 93.22 ug/ml



#17 n-Tricontane (C30)

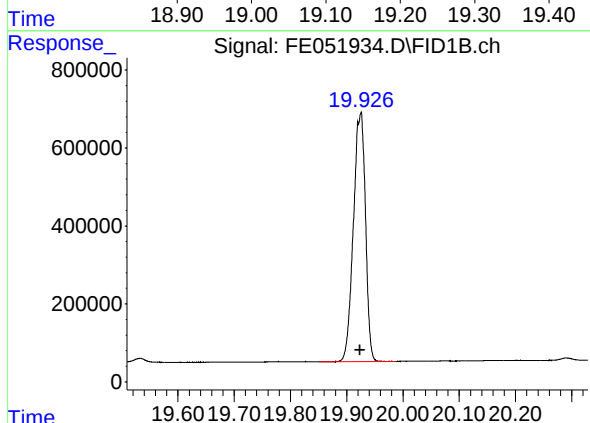
R.T.: 18.314 min  
Delta R.T.: 0.000 min  
Response: 11583656  
Conc: 91.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



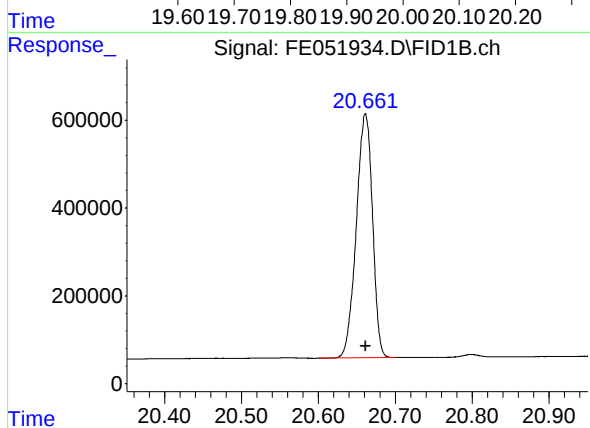
#18 n-Dotriacontane (C32)

R.T.: 19.143 min  
Delta R.T.: 0.000 min  
Response: 10942864  
Conc: 91.19 ug/ml



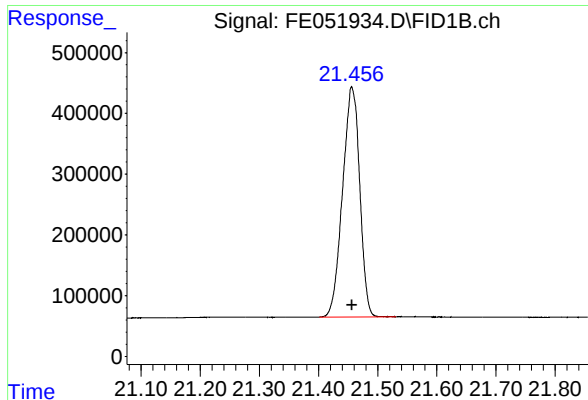
#19 n-Tetratriacontane (C34)

R.T.: 19.924 min  
Delta R.T.: 0.000 min  
Response: 9516388  
Conc: 91.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.661 min  
Delta R.T.: 0.000 min  
Response: 8154109  
Conc: 92.26 ug/ml



#21 n-Octatriacontane (C38)

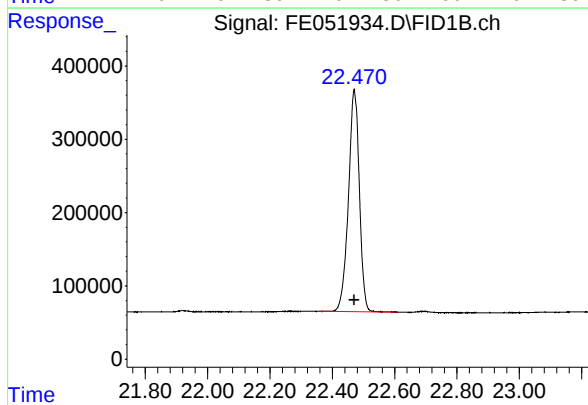
R.T.: 21.457 min  
Delta R.T.: 0.000 min  
Response: 7619966  
Conc: 93.13 ug/ml

Instrument :

FID\_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.470 min  
Delta R.T.: 0.000 min  
Response: 7370521  
Conc: 93.42 ug/ml