

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011224AL\  
 Data File : FE046213.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Jan 2024 04:14  
 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: Jan 13 05:07:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122923.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:49:54 2023  
 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)    | 11.830 | 3456125    | 19.018 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.04%       |
| 12) S 1-chlorooctadecane (S... | 13.274 | 2567607    | 19.217 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.43%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.215  | 2665952    | 17.419 ug/ml |
| 2) T n-Decane (C10)            | 4.466  | 2756592    | 17.762 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.169  | 2937480    | 17.663 ug/ml |
| 4) T n-Dodecane (C12)          | 6.633  | 2820661    | 18.065 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.266  | 2871202    | 18.034 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.461  | 2845003    | 18.264 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.071 | 2951366    | 18.637 ug/ml |
| 8) T n-Octadecane (C18)        | 11.516 | 2990235    | 18.999 ug/ml |
| 10) T n-Eicosane (C20)         | 12.828 | 2926554    | 19.346 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.442 | 2830406    | 19.248 ug/ml |
| 13) T n-Docosane (C22)         | 14.029 | 2929477    | 20.041 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.135 | 3098835    | 21.366 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.159 | 3181874    | 22.194 ug/ml |
| 16) T n-Octacosane (C28)       | 17.112 | 3342862    | 23.308 ug/ml |
| 17) T n-Tricontane (C30)       | 18.003 | 3575040    | 24.052 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.839 | 3515798    | 23.507 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.626 | 3232196    | 22.562 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.369 | 2942469    | 20.181 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.102 | 2858731    | 19.387 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.999 | 2934908    | 18.750 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

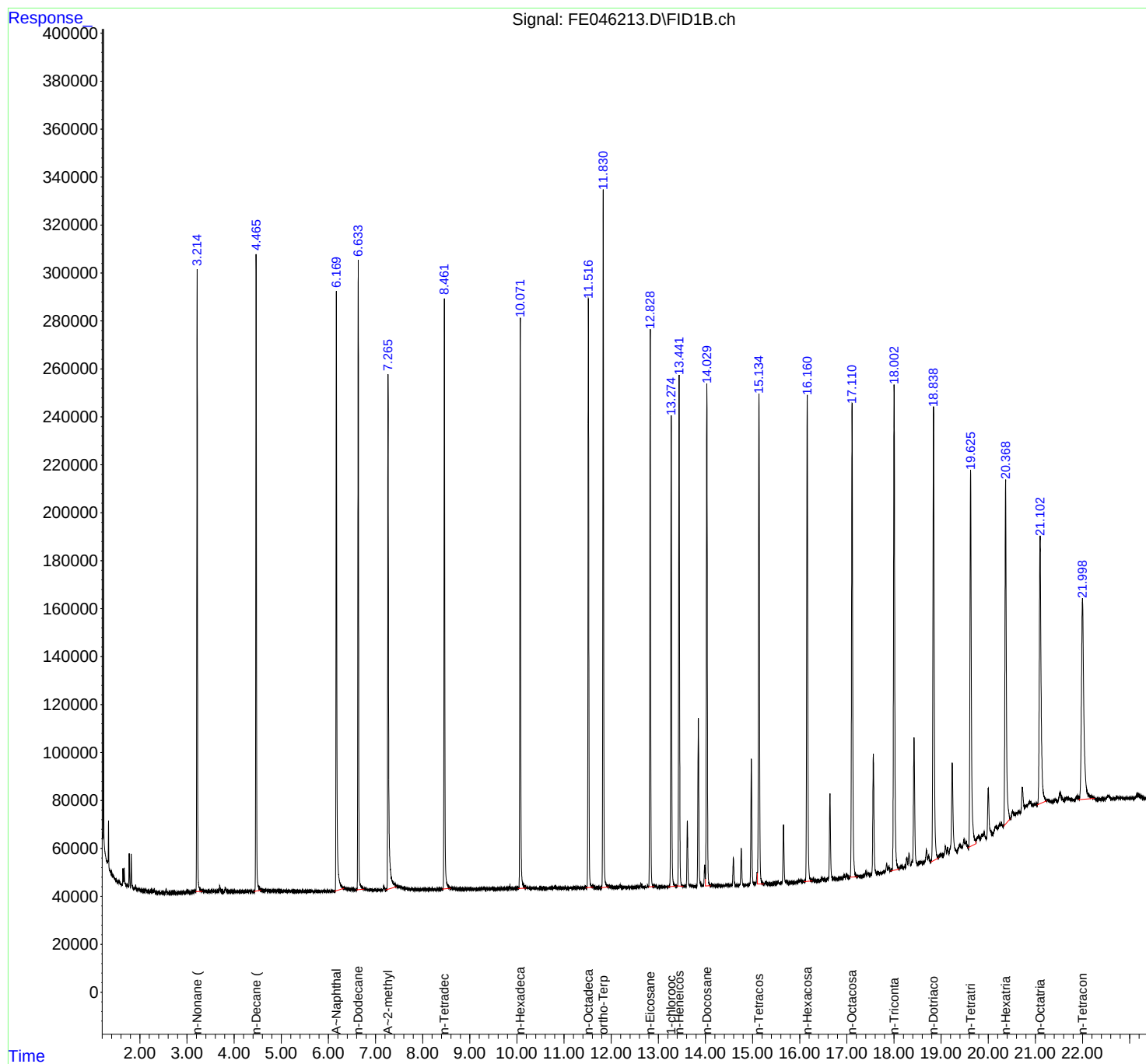
(m)=manual int.

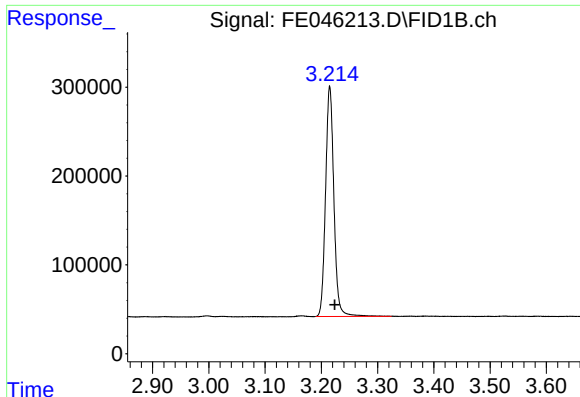
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011224AL\  
Data File : FE046213.D  
Signal(s) : FID1B.ch  
Acq On : 13 Jan 2024 04:14  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Jan 13 05:07:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122923.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:49:54 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

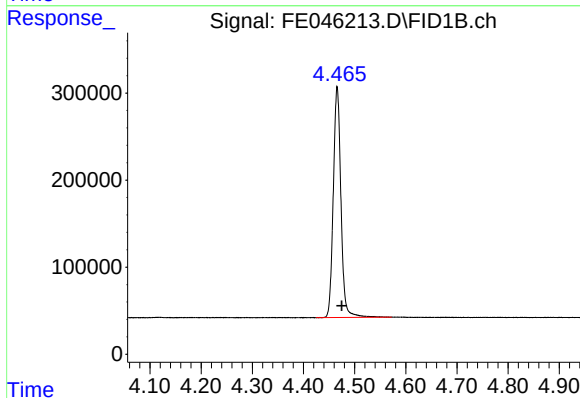




#1 n-Nonane (C9)

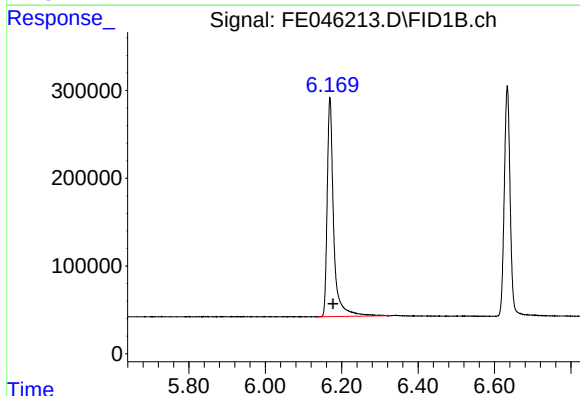
R.T.: 3.215 min  
Delta R.T.: -0.009 min  
Response: 2665952  
Conc: 17.42 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



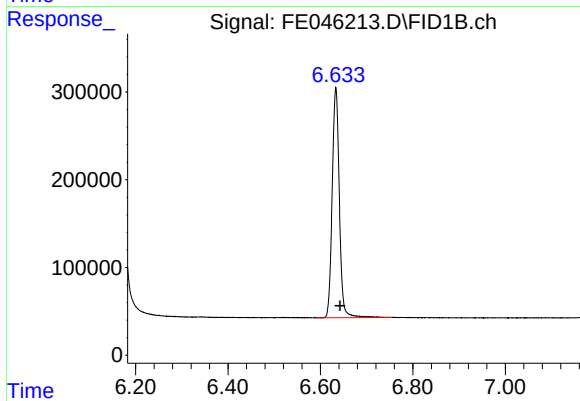
#2 n-Decane (C10)

R.T.: 4.466 min  
Delta R.T.: -0.009 min  
Response: 2756592  
Conc: 17.76 ug/ml



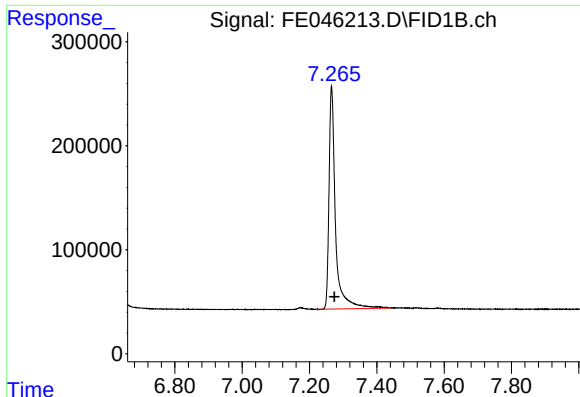
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min  
Delta R.T.: -0.008 min  
Response: 2937480  
Conc: 17.66 ug/ml



#4 n-Dodecane (C12)

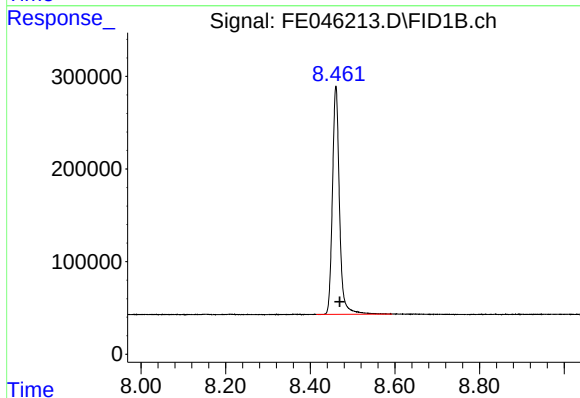
R.T.: 6.633 min  
Delta R.T.: -0.009 min  
Response: 2820661  
Conc: 18.07 ug/ml



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

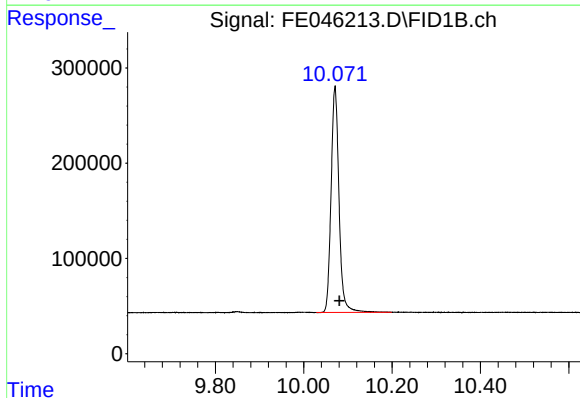
R.T.: 7.266 min  
Delta R.T.: -0.008 min  
Response: 2871202  
Conc: 18.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



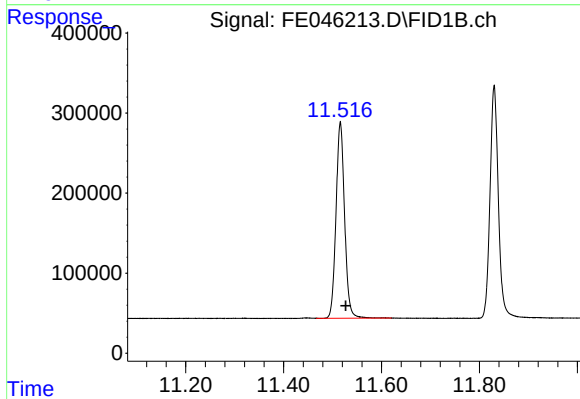
#6 n-Tetradecane (C14)

R.T.: 8.461 min  
Delta R.T.: -0.009 min  
Response: 2845003  
Conc: 18.26 ug/ml



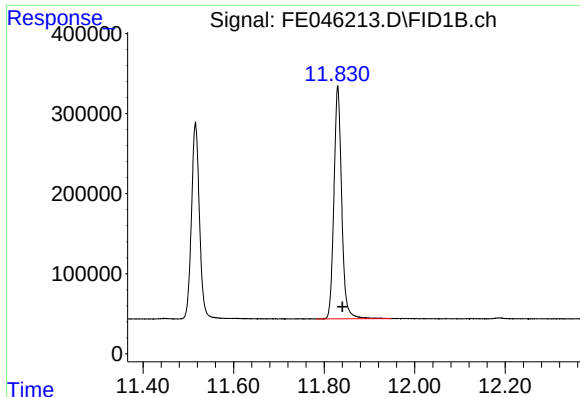
#7 n-Hexadecane (C16)

R.T.: 10.071 min  
Delta R.T.: -0.010 min  
Response: 2951366  
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

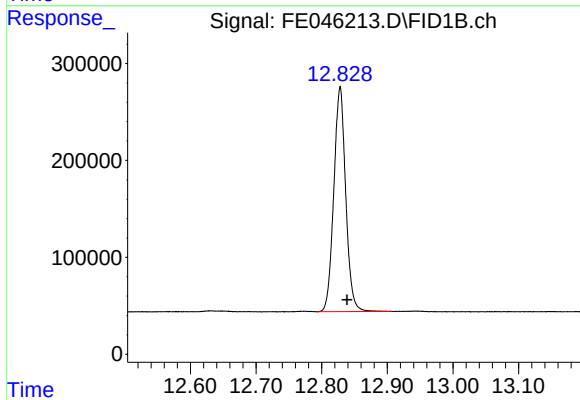
R.T.: 11.516 min  
Delta R.T.: -0.011 min  
Response: 2990235  
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

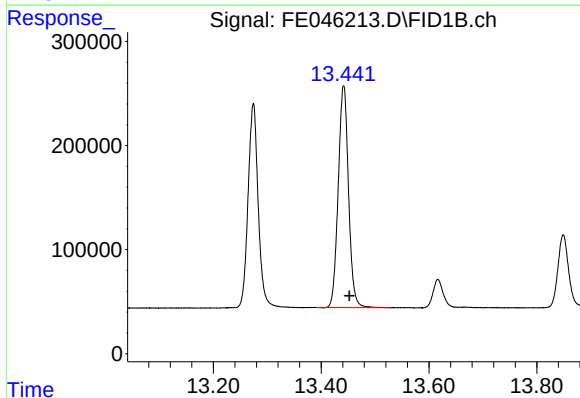
R.T.: 11.830 min  
Delta R.T.: -0.010 min  
Response: 3456125  
Conc: 19.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



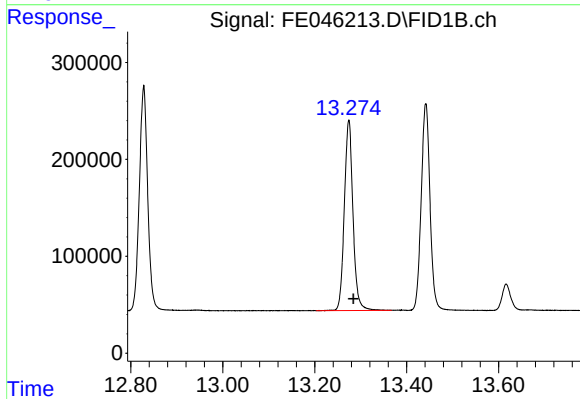
#10 n-Eicosane (C20)

R.T.: 12.828 min  
Delta R.T.: -0.011 min  
Response: 2926554  
Conc: 19.35 ug/ml



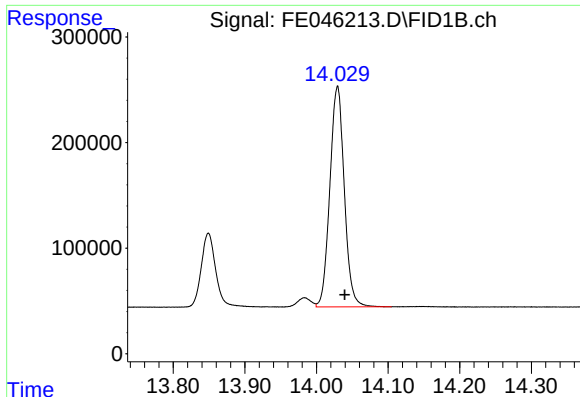
#11 n-Heneicosane (C21)

R.T.: 13.442 min  
Delta R.T.: -0.011 min  
Response: 2830406  
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

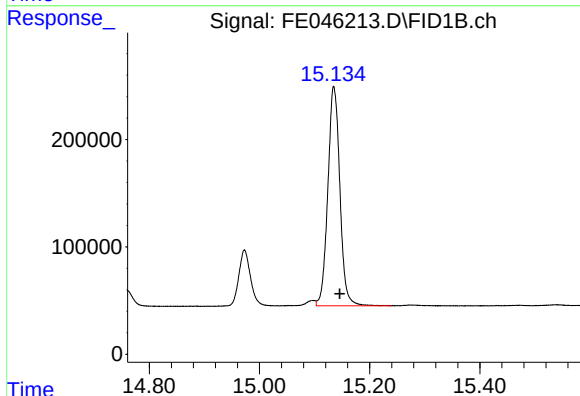
R.T.: 13.274 min  
Delta R.T.: -0.010 min  
Response: 2567607  
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

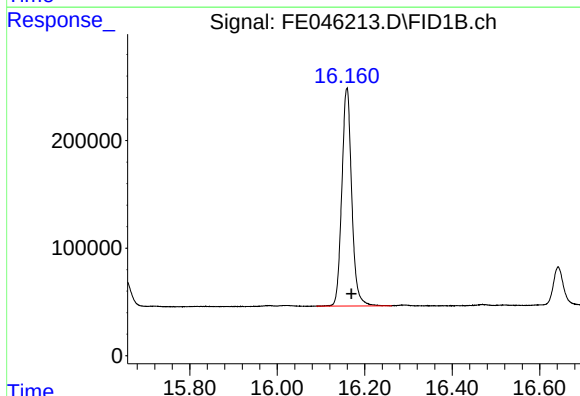
R.T.: 14.029 min  
Delta R.T.: -0.010 min  
Response: 2929477  
Conc: 20.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



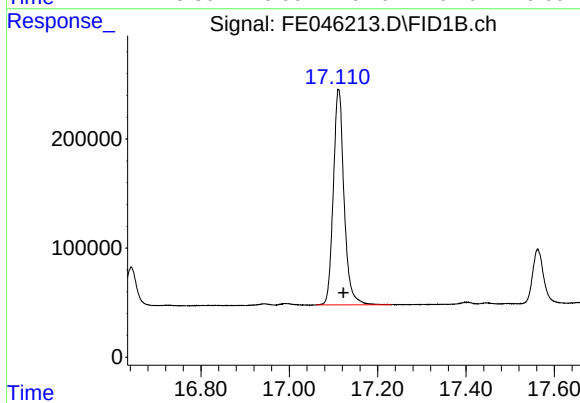
#14 n-Tetracosane (C24)

R.T.: 15.135 min  
Delta R.T.: -0.011 min  
Response: 3098835  
Conc: 21.37 ug/ml



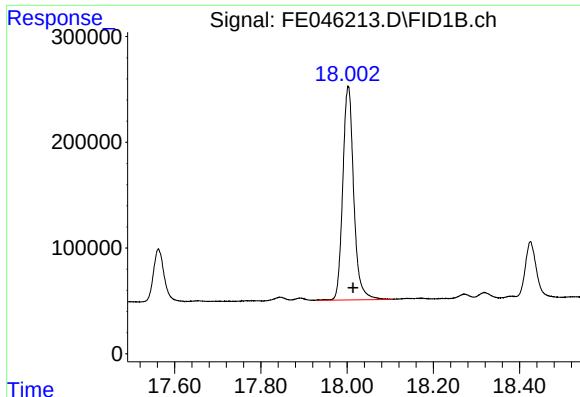
#15 n-Hexacosane (C26)

R.T.: 16.159 min  
Delta R.T.: -0.010 min  
Response: 3181874  
Conc: 22.19 ug/ml



#16 n-Octacosane (C28)

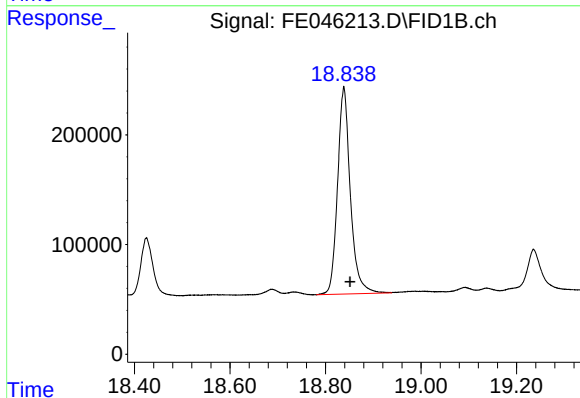
R.T.: 17.112 min  
Delta R.T.: -0.011 min  
Response: 3342862  
Conc: 23.31 ug/ml



#17 n-Tricontane (C30)

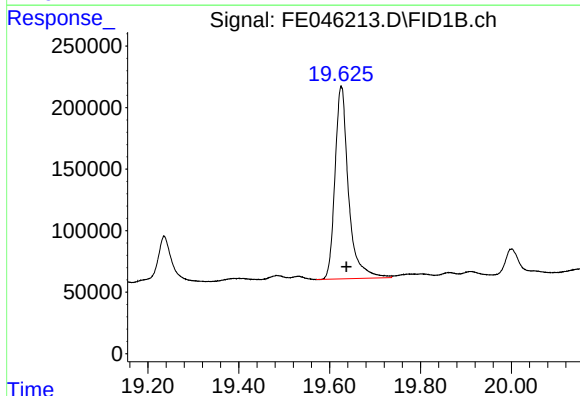
R.T.: 18.003 min  
Delta R.T.: -0.011 min  
Response: 3575040  
Conc: 24.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



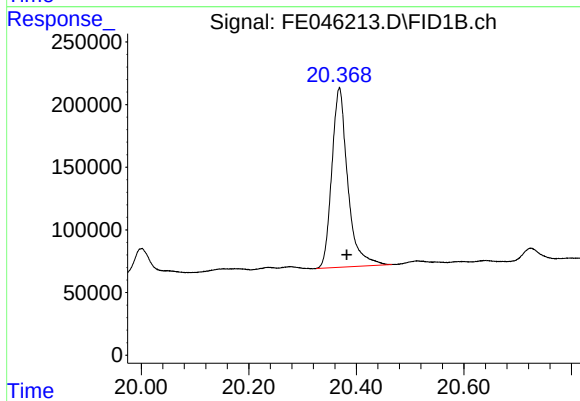
#18 n-Dotriacontane (C32)

R.T.: 18.839 min  
Delta R.T.: -0.013 min  
Response: 3515798  
Conc: 23.51 ug/ml



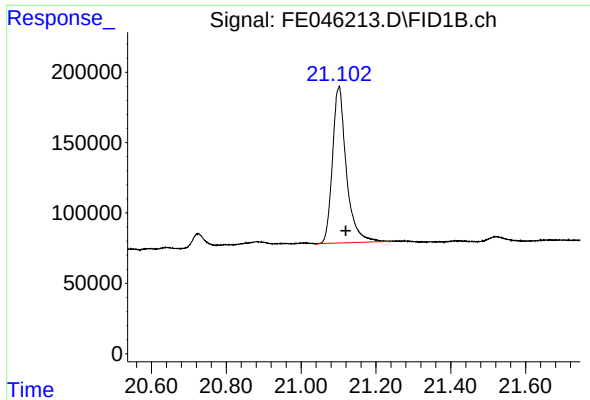
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min  
Delta R.T.: -0.011 min  
Response: 3232196  
Conc: 22.56 ug/ml



#20 n-Hexatriacontane (C36)

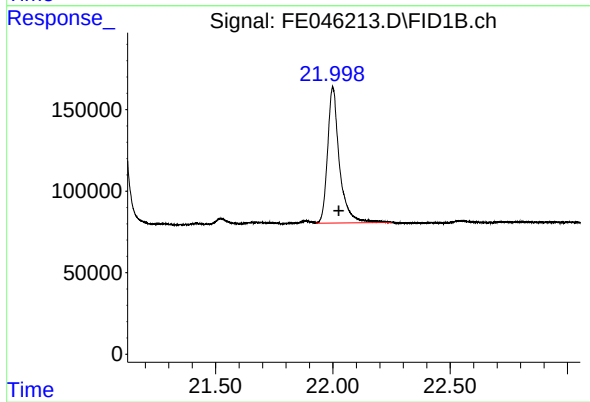
R.T.: 20.369 min  
Delta R.T.: -0.014 min  
Response: 2942469  
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min  
Delta R.T.: -0.018 min  
Response: 2858731  
Conc: 19.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.999 min  
Delta R.T.: -0.026 min  
Response: 2934908  
Conc: 18.75 ug/ml