

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092024AL\  
 Data File : FE050279.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Sep 2024 11:33  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 23 00:44:19 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 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)    | 11.869 | 3079701    | 20.700 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.40%       |
| 12) S 1-chlorooctadecane (S... | 13.303 | 2341161    | 20.842 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.257  | 2406644    | 17.755 ug/ml |
| 2) T n-Decane (C10)            | 4.508  | 2866871    | 20.773 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.217  | 2914142    | 20.820 ug/ml |
| 4) T n-Dodecane (C12)          | 6.675  | 2861899    | 20.696 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.313  | 2733018    | 20.793 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.502  | 2847762    | 20.913 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.108 | 2917750    | 21.006 ug/ml |
| 8) T n-Octadecane (C18)        | 11.549 | 2936464    | 20.959 ug/ml |
| 10) T n-Eicosane (C20)         | 12.857 | 2767253    | 20.629 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.468 | 2738451    | 20.841 ug/ml |
| 13) T n-Docosane (C22)         | 14.053 | 2744837    | 21.079 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.156 | 2818063    | 21.579 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.175 | 2790940    | 21.815 ug/ml |
| 16) T n-Octacosane (C28)       | 17.123 | 2902264    | 22.532 ug/ml |
| 17) T n-Tricontane (C30)       | 18.009 | 3160700    | 23.637 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.841 | 3179882    | 23.863 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.624 | 2909985    | 23.551 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.363 | 2693455    | 24.276 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.087 | 2327034    | 21.101 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.975 | 2047668    | 18.818 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

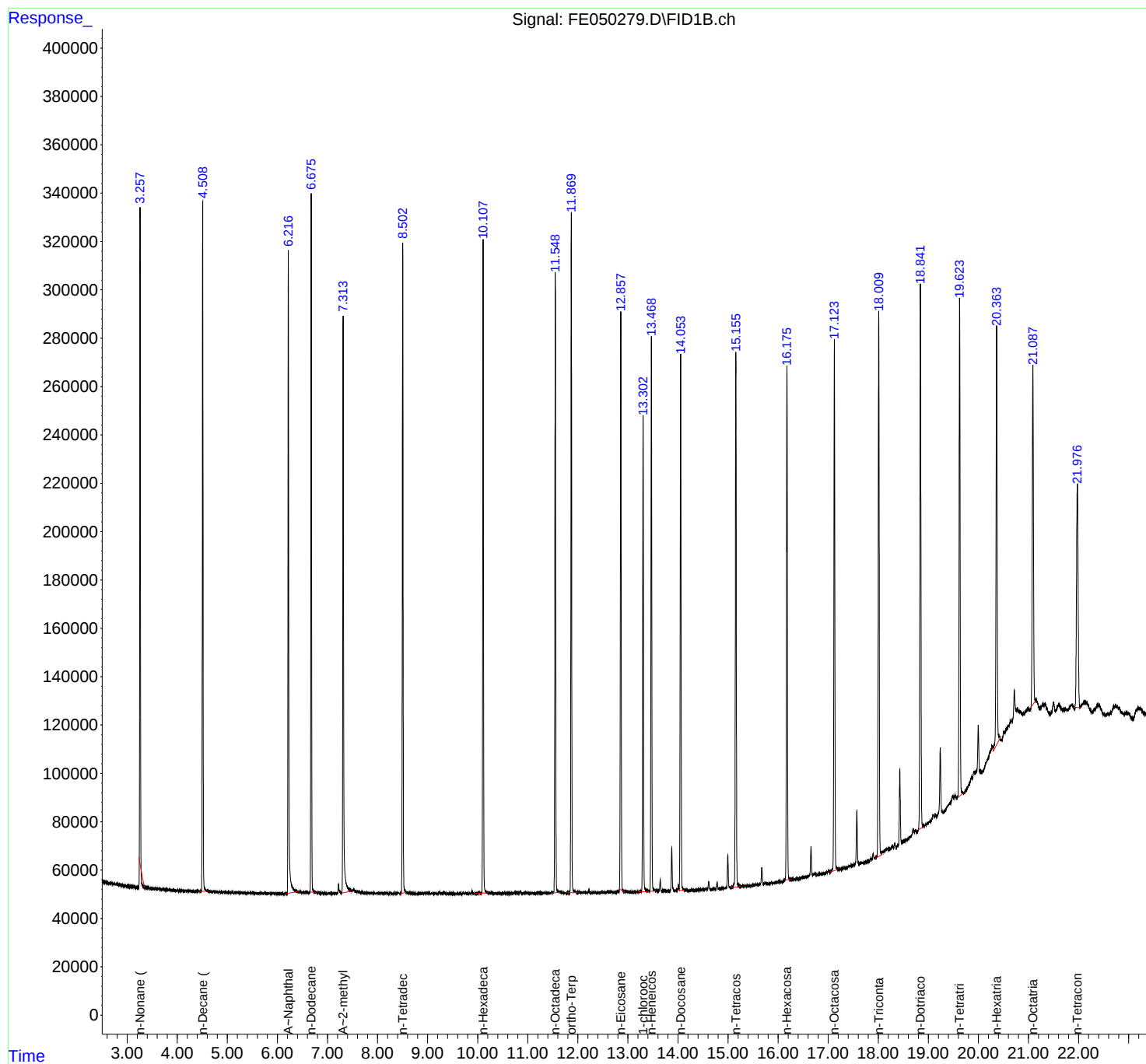
(m)=manual int.

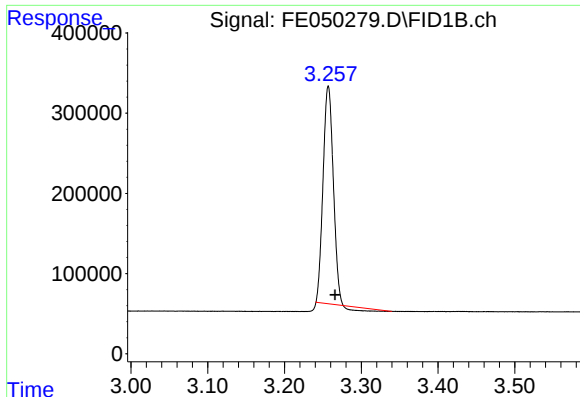
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092024AL\  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
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QLast Update : Mon Sep 09 17:11:47 2024  
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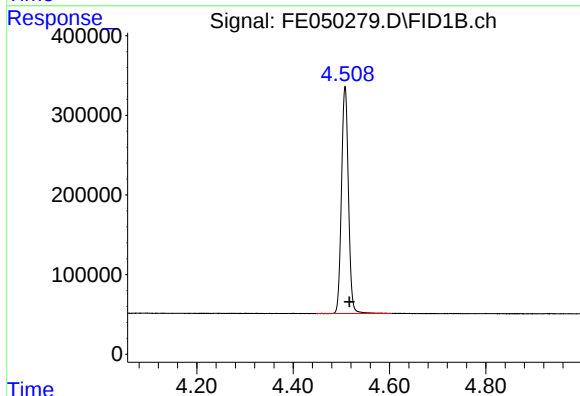




#1 n-Nonane (C9)

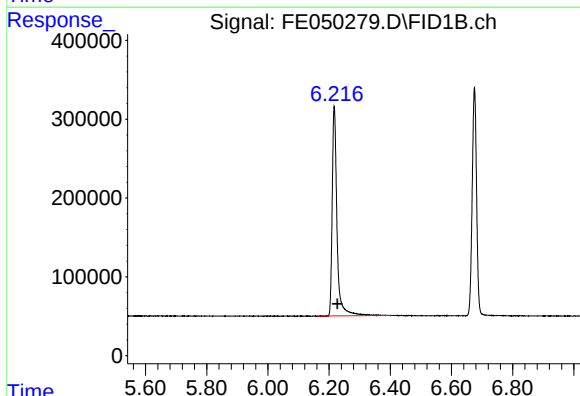
R.T.: 3.257 min  
Delta R.T.: -0.009 min  
Response: 2406644  
Conc: 17.76 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



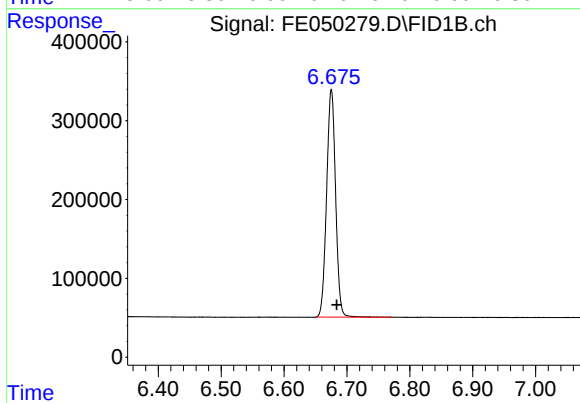
#2 n-Decane (C10)

R.T.: 4.508 min  
Delta R.T.: -0.009 min  
Response: 2866871  
Conc: 20.77 ug/ml



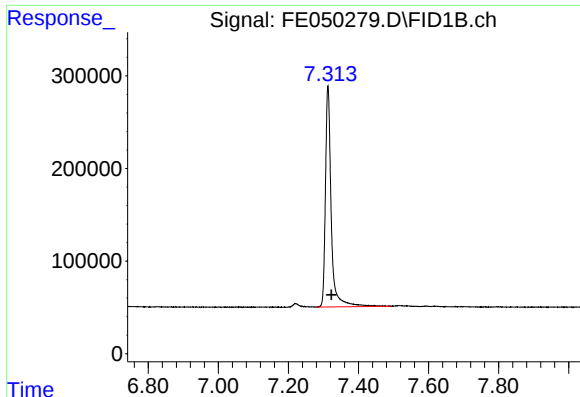
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min  
Delta R.T.: -0.010 min  
Response: 2914142  
Conc: 20.82 ug/ml



#4 n-Dodecane (C12)

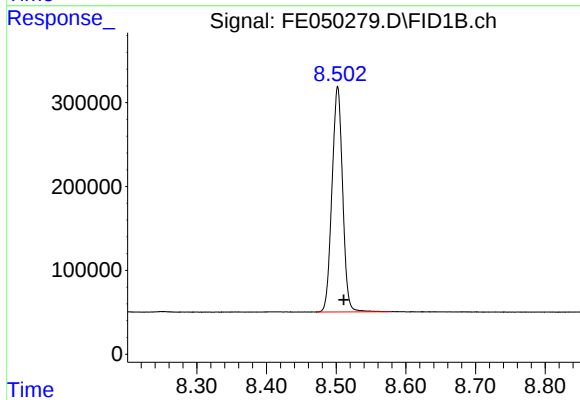
R.T.: 6.675 min  
Delta R.T.: -0.009 min  
Response: 2861899  
Conc: 20.70 ug/ml



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

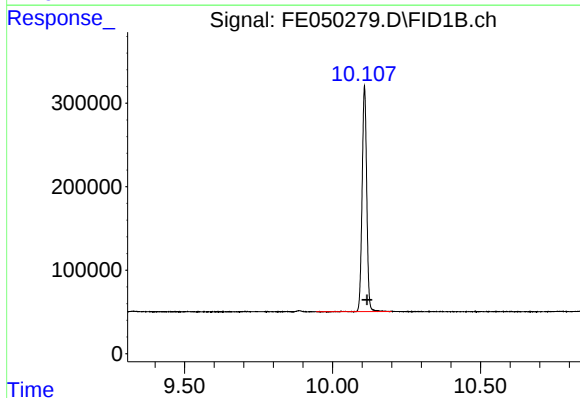
R.T.: 7.313 min  
Delta R.T.: -0.010 min  
Response: 2733018  
Conc: 20.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



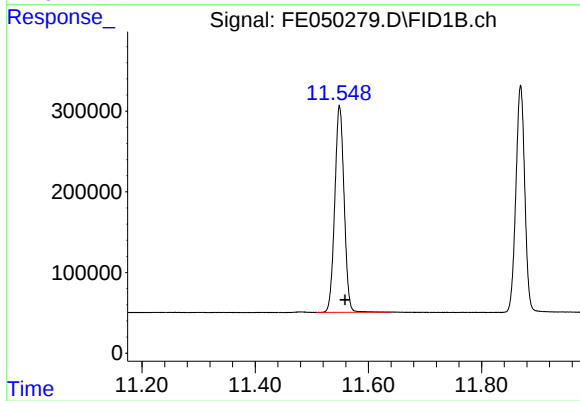
#6 n-Tetradecane (C14)

R.T.: 8.502 min  
Delta R.T.: -0.009 min  
Response: 2847762  
Conc: 20.91 ug/ml



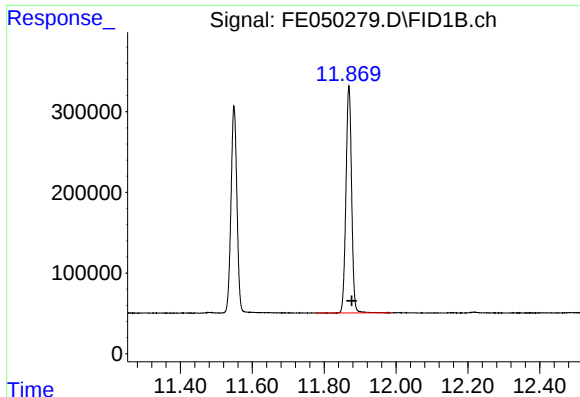
#7 n-Hexadecane (C16)

R.T.: 10.108 min  
Delta R.T.: -0.009 min  
Response: 2917750  
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

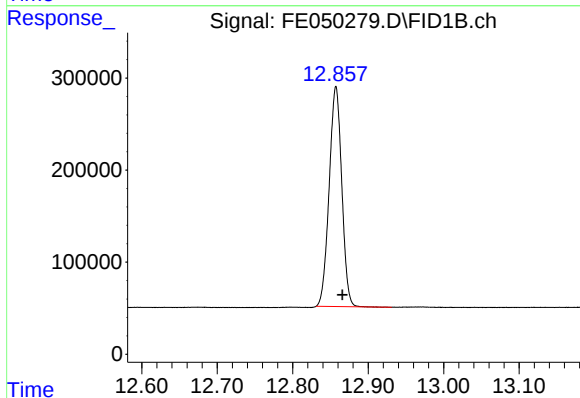
R.T.: 11.549 min  
Delta R.T.: -0.009 min  
Response: 2936464  
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

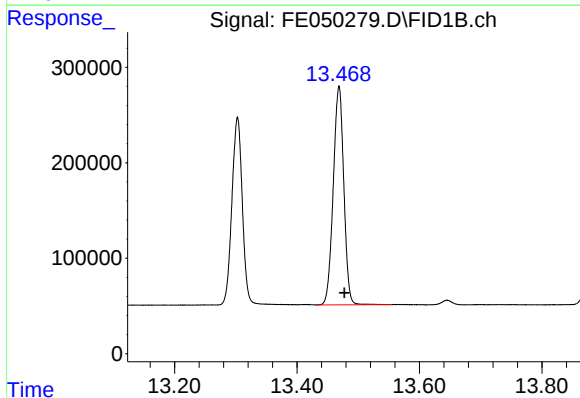
R.T.: 11.869 min  
Delta R.T.: -0.008 min  
Response: 3079701  
Conc: 20.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



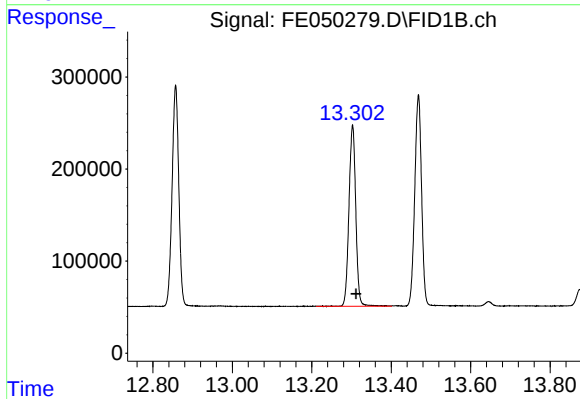
#10 n-Eicosane (C20)

R.T.: 12.857 min  
Delta R.T.: -0.009 min  
Response: 2767253  
Conc: 20.63 ug/ml



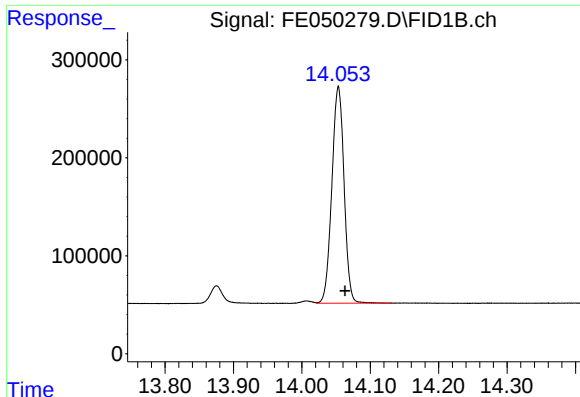
#11 n-Heneicosane (C21)

R.T.: 13.468 min  
Delta R.T.: -0.009 min  
Response: 2738451  
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

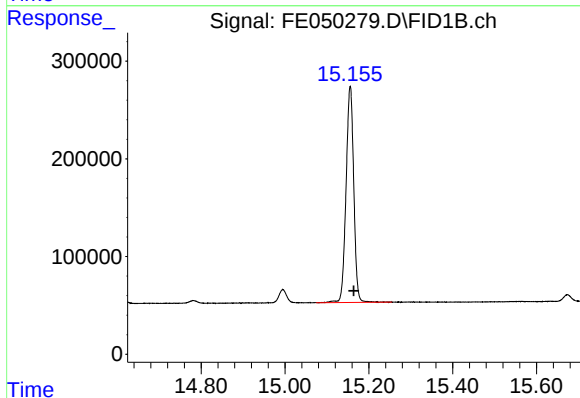
R.T.: 13.303 min  
Delta R.T.: -0.009 min  
Response: 2341161  
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

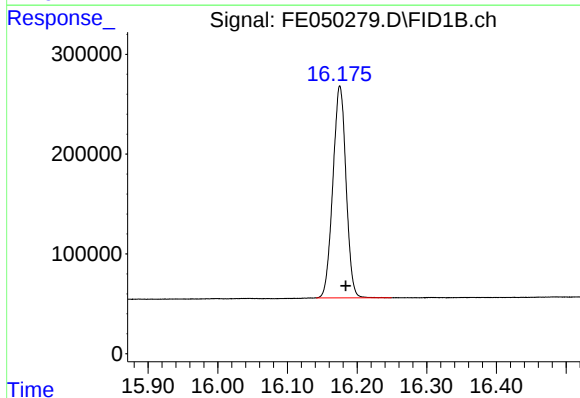
R.T.: 14.053 min  
Delta R.T.: -0.010 min  
Response: 2744837  
Conc: 21.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



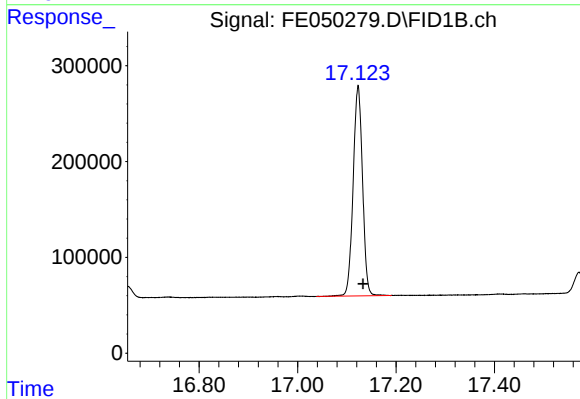
#14 n-Tetracosane (C24)

R.T.: 15.156 min  
Delta R.T.: -0.009 min  
Response: 2818063  
Conc: 21.58 ug/ml



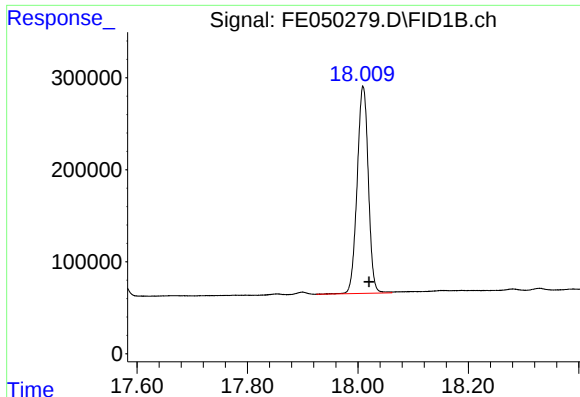
#15 n-Hexacosane (C26)

R.T.: 16.175 min  
Delta R.T.: -0.008 min  
Response: 2790940  
Conc: 21.81 ug/ml



#16 n-Octacosane (C28)

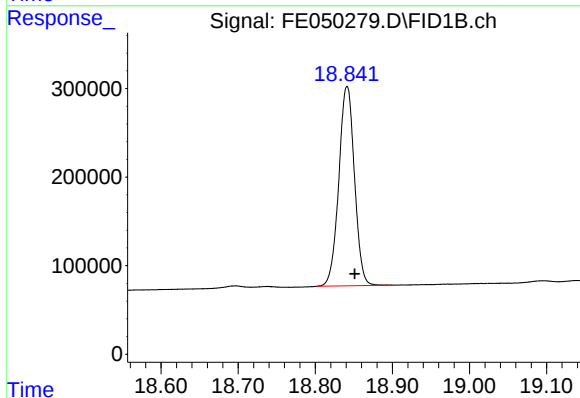
R.T.: 17.123 min  
Delta R.T.: -0.010 min  
Response: 2902264  
Conc: 22.53 ug/ml



#17 n-Tricontane (C30)

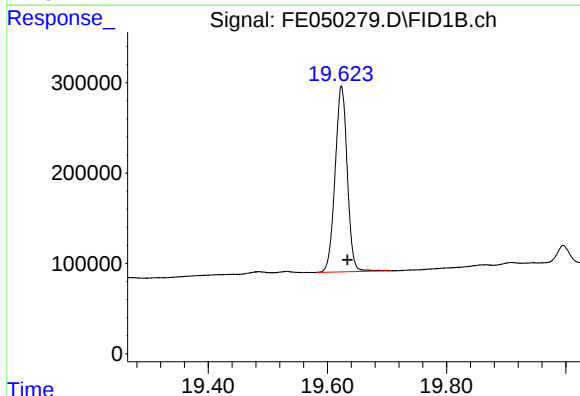
R.T.: 18.009 min  
Delta R.T.: -0.010 min  
Response: 3160700  
Conc: 23.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



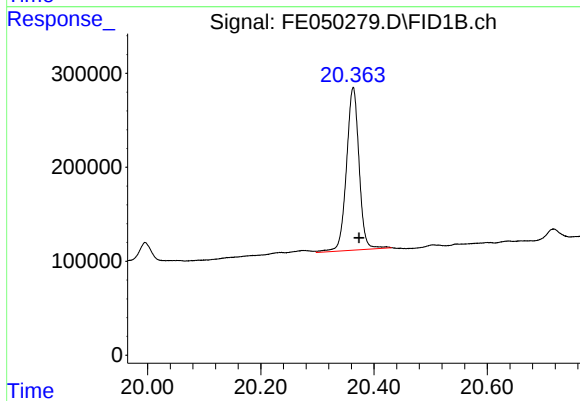
#18 n-Dotriacontane (C32)

R.T.: 18.841 min  
Delta R.T.: -0.010 min  
Response: 3179882  
Conc: 23.86 ug/ml



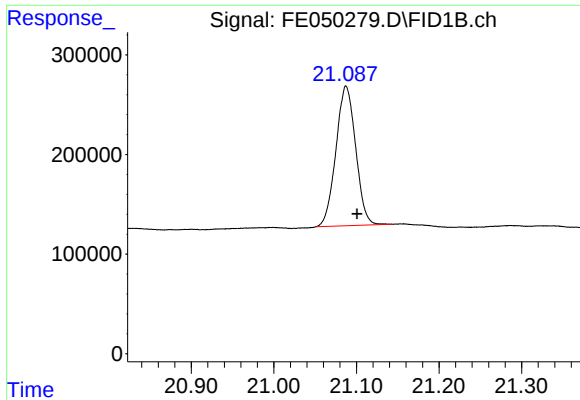
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min  
Delta R.T.: -0.010 min  
Response: 2909985  
Conc: 23.55 ug/ml



#20 n-Hexatriacontane (C36)

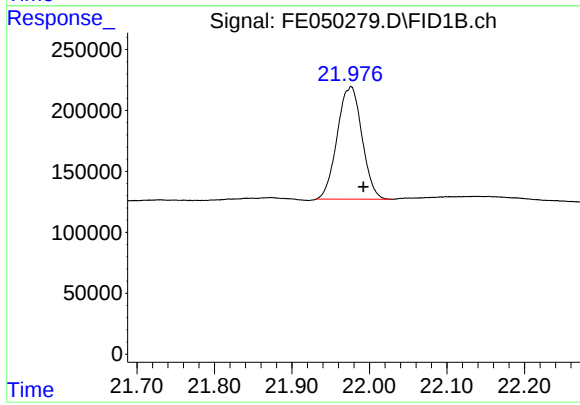
R.T.: 20.363 min  
Delta R.T.: -0.011 min  
Response: 2693455  
Conc: 24.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.087 min  
Delta R.T.: -0.013 min  
Response: 2327034  
Conc: 21.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.975 min  
Delta R.T.: -0.017 min  
Response: 2047668  
Conc: 18.82 ug/ml