

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102522AL\  
 Data File : FE038305.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Oct 2022 21:43  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 26 04:45:28 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 26 04:45:05 2022  
 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)    | 12.006 | 15796249   | 96.219 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 192.44%      |
| 12) S 1-chlorooctadecane (S... | 13.434 | 12576864   | 96.447 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 192.89%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.396  | 14161507   | 96.395 ug/ml |
| 2) T n-Decane (C10)            | 4.643  | 14296713   | 96.560 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.347  | 15597327   | 96.572 ug/ml |
| 4) T n-Dodecane (C12)          | 6.805  | 14373695   | 96.491 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.442  | 15453395   | 96.592 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.631  | 14386345   | 96.430 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.238 | 14506664   | 96.381 ug/ml |
| 8) T n-Octadecane (C18)        | 11.682 | 14680192   | 96.176 ug/ml |
| 10) T n-Eicosane (C20)         | 12.989 | 14715713   | 95.967 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.601 | 14745261   | 95.866 ug/ml |
| 13) T n-Docosane (C22)         | 14.186 | 14740949   | 95.901 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.287 | 14609030   | 95.636 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.307 | 14425510   | 95.568 ug/ml |
| 16) T n-Octacosane (C28)       | 17.255 | 14069722   | 95.411 ug/ml |
| 17) T n-Tricontane (C30)       | 18.140 | 13952826   | 95.104 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.971 | 13658496   | 94.646 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.751 | 12952967   | 94.919 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.489 | 12687965   | 94.769 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.238 | 12064248   | 94.228 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.175 | 11338924   | 94.013 ug/ml |
| -----                          |        |            |              |

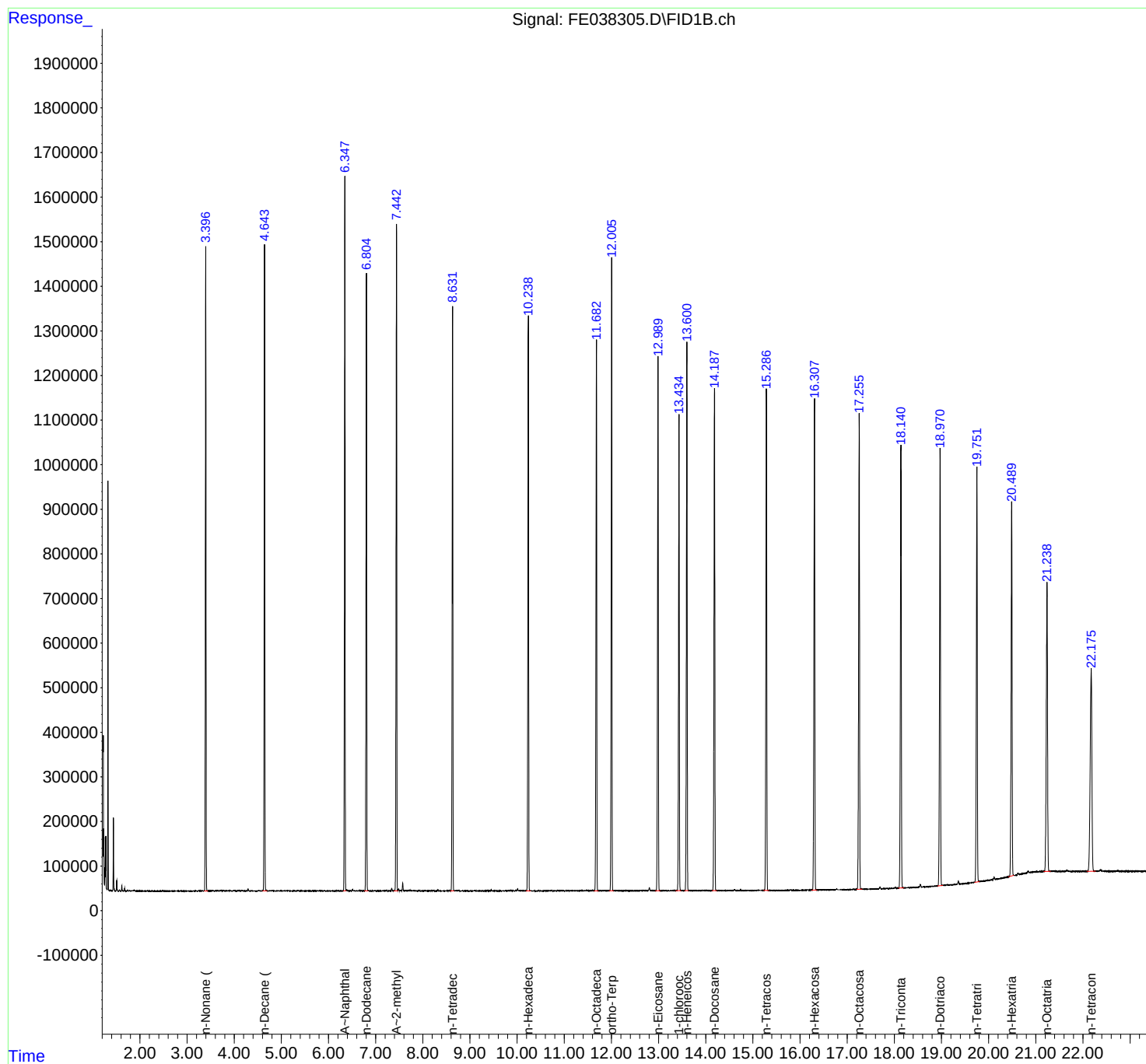
(f)=RT Delta > 1/2 Window

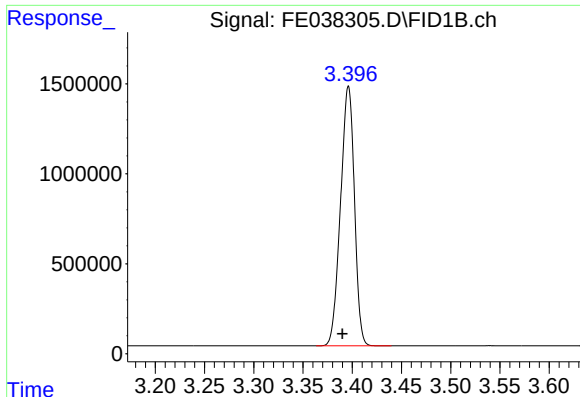
(m)=manual int.

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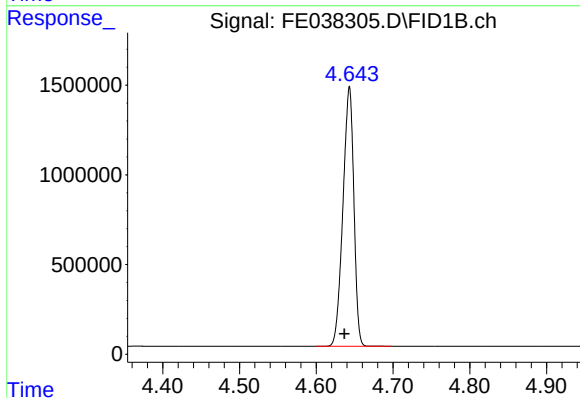
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





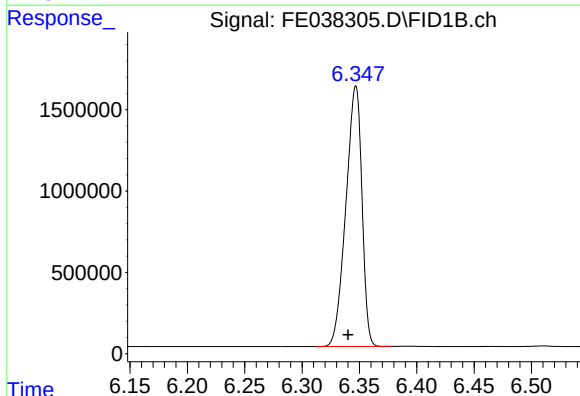
#1 n-Nonane (C9)

R.T.: 3.396 min  
Delta R.T.: 0.006 min  
Response: 14161507  
Conc: 96.40 ug/ml



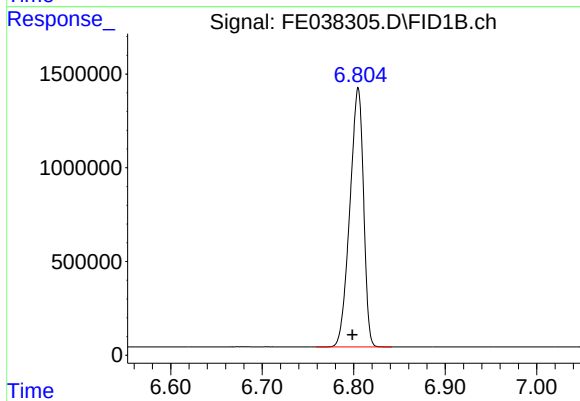
#2 n-Decane (C10)

R.T.: 4.643 min  
Delta R.T.: 0.006 min  
Response: 14296713  
Conc: 96.56 ug/ml



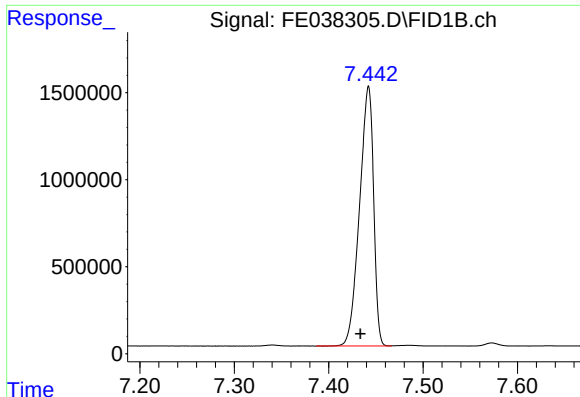
#3 A~Naphthalene (C11.7)

R.T.: 6.347 min  
Delta R.T.: 0.007 min  
Response: 15597327  
Conc: 96.57 ug/ml



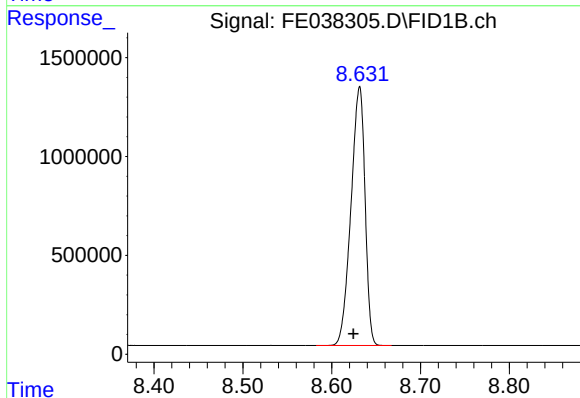
#4 n-Dodecane (C12)

R.T.: 6.805 min  
Delta R.T.: 0.007 min  
Response: 14373695  
Conc: 96.49 ug/ml



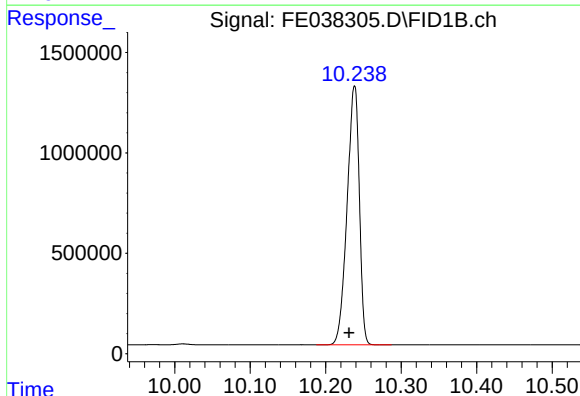
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.442 min  
Delta R.T.: 0.009 min  
Response: 15453395  
Conc: 96.59 ug/ml



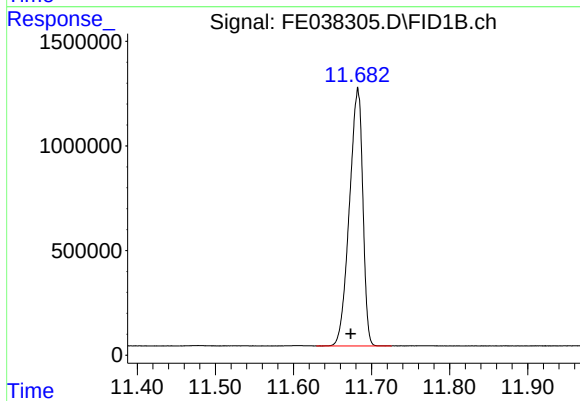
#6 n-Tetradecane (C14)

R.T.: 8.631 min  
Delta R.T.: 0.007 min  
Response: 14386345  
Conc: 96.43 ug/ml



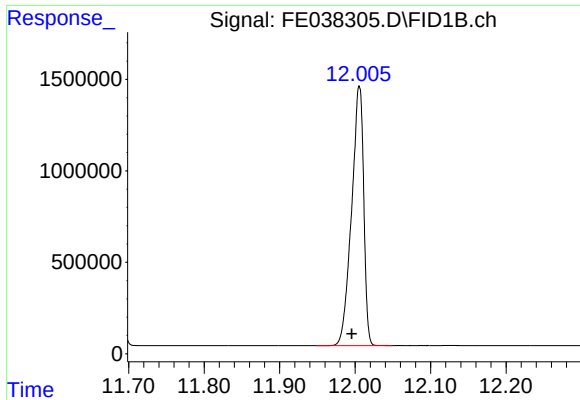
#7 n-Hexadecane (C16)

R.T.: 10.238 min  
Delta R.T.: 0.007 min  
Response: 14506664  
Conc: 96.38 ug/ml



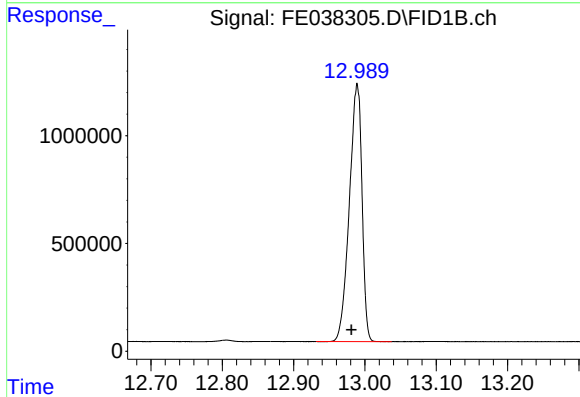
#8 n-Octadecane (C18)

R.T.: 11.682 min  
Delta R.T.: 0.009 min  
Response: 14680192  
Conc: 96.18 ug/ml



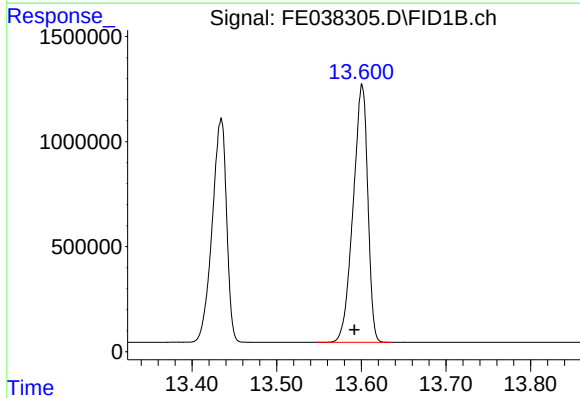
#9 ortho-Terphenyl (SURR)

R.T.: 12.006 min  
Delta R.T.: 0.010 min  
Response: 15796249  
Conc: 96.22 ug/ml



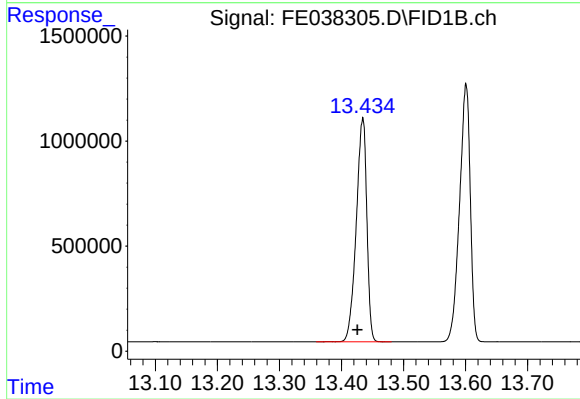
#10 n-Eicosane (C20)

R.T.: 12.989 min  
Delta R.T.: 0.008 min  
Response: 14715713  
Conc: 95.97 ug/ml



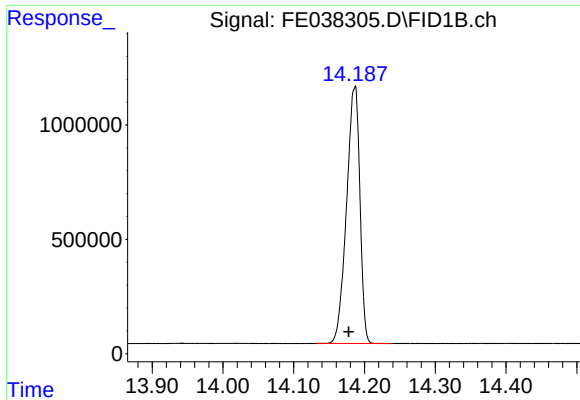
#11 n-Heneicosane (C21)

R.T.: 13.601 min  
Delta R.T.: 0.009 min  
Response: 14745261  
Conc: 95.87 ug/ml



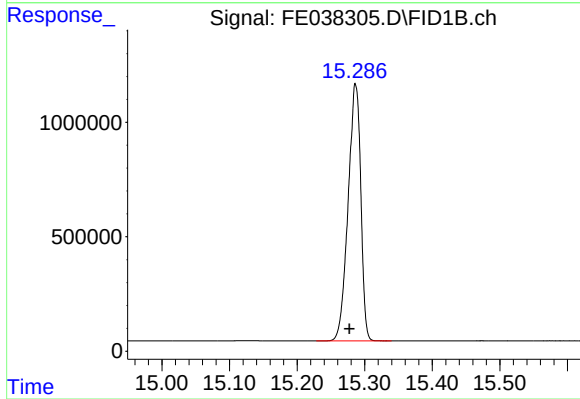
#12 1-chlorooctadecane (SURR)

R.T.: 13.434 min  
Delta R.T.: 0.009 min  
Response: 12576864  
Conc: 96.45 ug/ml



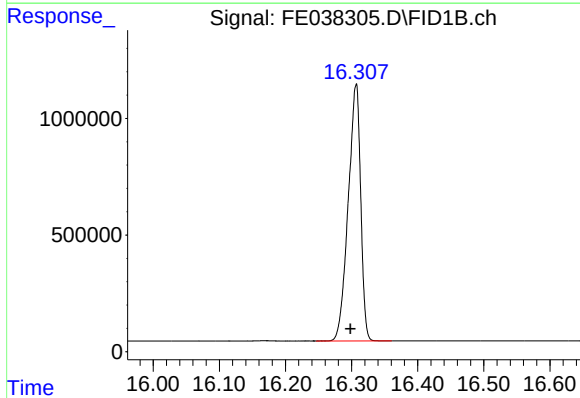
#13 n-Docosane (C22)

R.T.: 14.186 min  
Delta R.T.: 0.009 min  
Response: 14740949  
Conc: 95.90 ug/ml



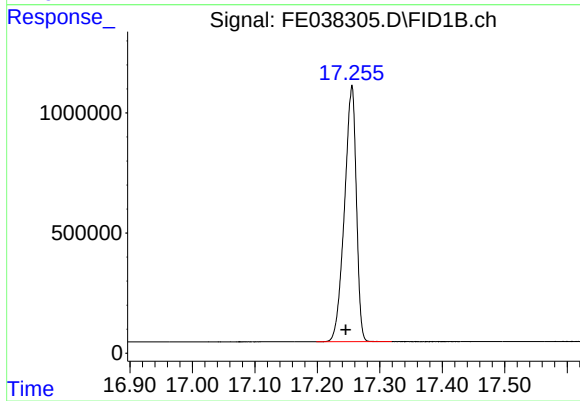
#14 n-Tetracosane (C24)

R.T.: 15.287 min  
Delta R.T.: 0.009 min  
Response: 14609030  
Conc: 95.64 ug/ml



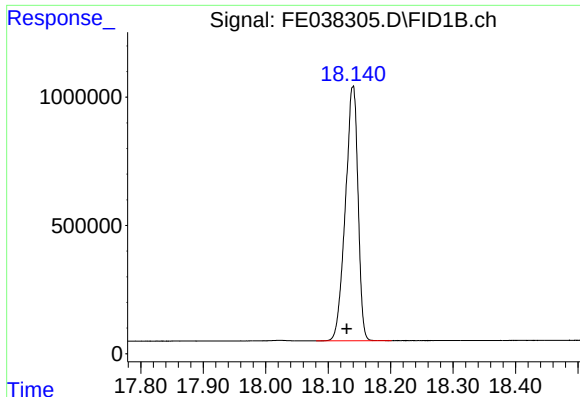
#15 n-Hexacosane (C26)

R.T.: 16.307 min  
Delta R.T.: 0.009 min  
Response: 14425510  
Conc: 95.57 ug/ml



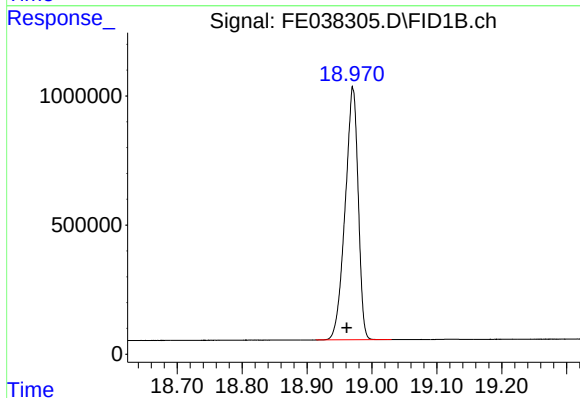
#16 n-Octacosane (C28)

R.T.: 17.255 min  
Delta R.T.: 0.010 min  
Response: 14069722  
Conc: 95.41 ug/ml



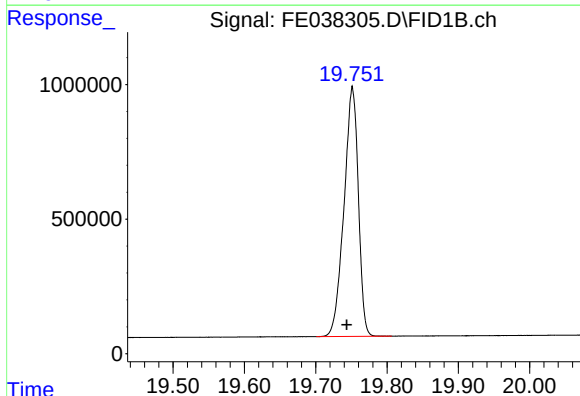
#17 n-Tricontane (C30)

R.T.: 18.140 min  
Delta R.T.: 0.010 min  
Response: 13952826  
Conc: 95.10 ug/ml



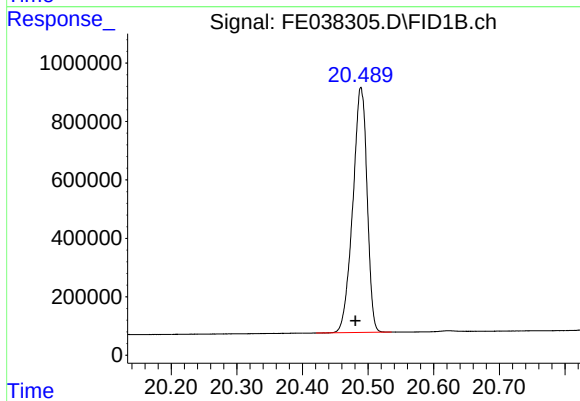
#18 n-Dotriacontane (C32)

R.T.: 18.971 min  
Delta R.T.: 0.009 min  
Response: 13658496  
Conc: 94.65 ug/ml



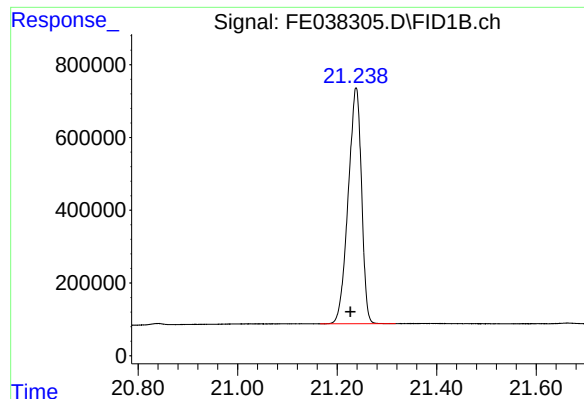
#19 n-Tetratriacontane (C34)

R.T.: 19.751 min  
Delta R.T.: 0.008 min  
Response: 12952967  
Conc: 94.92 ug/ml



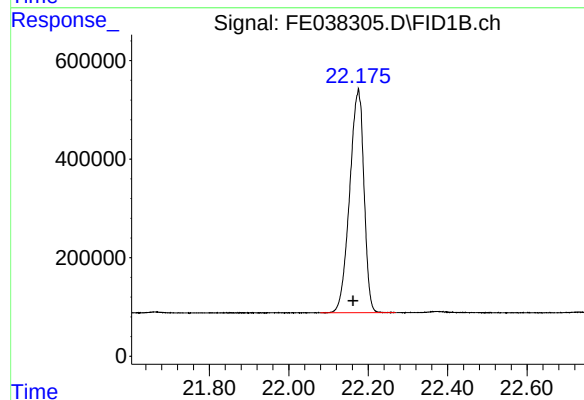
#20 n-Hexatriacontane (C36)

R.T.: 20.489 min  
Delta R.T.: 0.008 min  
Response: 12687965  
Conc: 94.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.238 min  
Delta R.T.: 0.011 min  
Response: 12064248  
Conc: 94.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.175 min  
Delta R.T.: 0.013 min  
Response: 11338924  
Conc: 94.01 ug/ml