

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122223AL\  
 Data File : FE045952.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Dec 2023 12:55  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 22 23:13:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

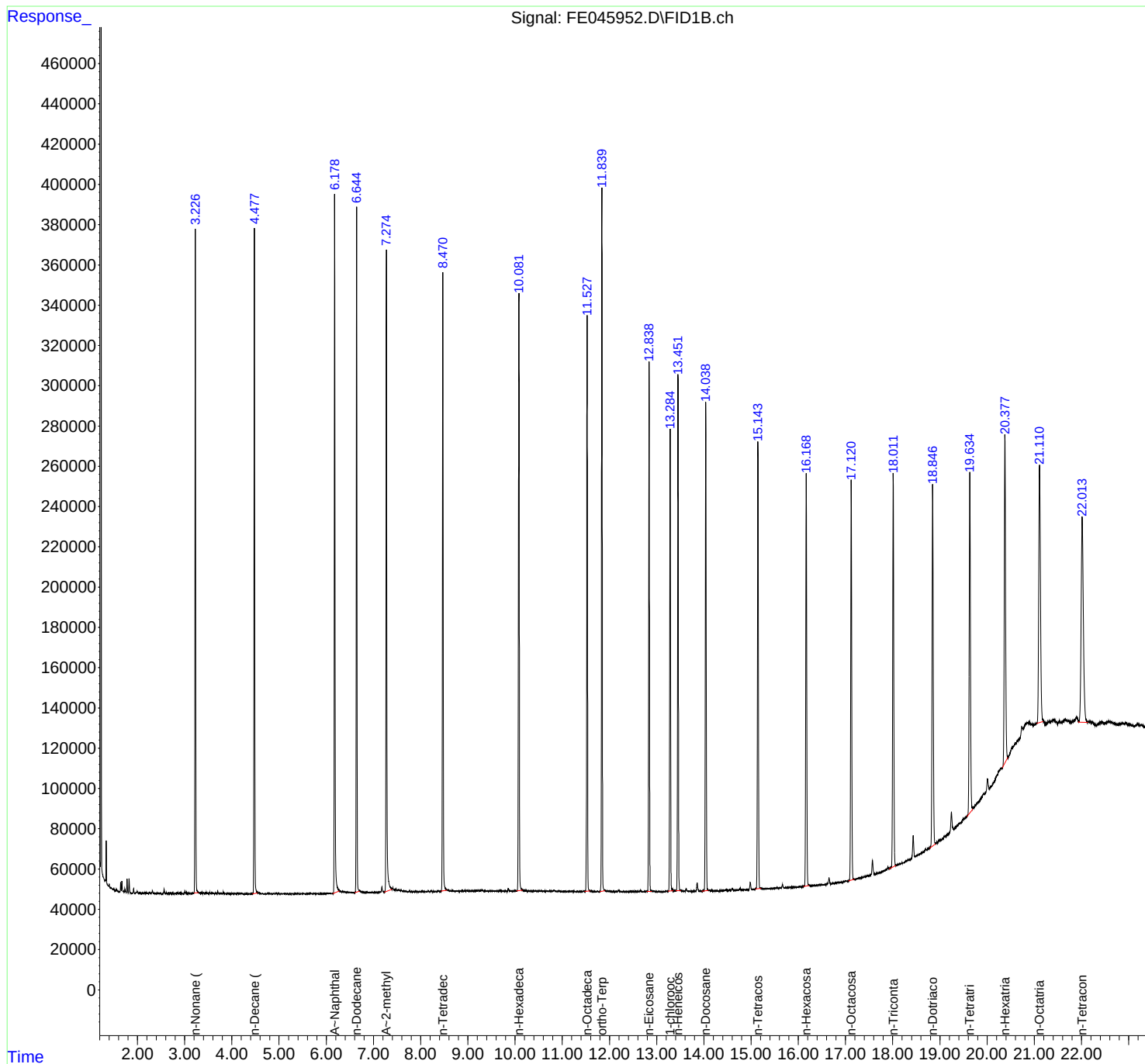
| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.839 | 3947394    | 18.877 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.75%       |
| 12) S 1-chlorooctadecane (S... | 13.284 | 2904092    | 18.457 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.91%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.226  | 3308769    | 20.866 ug/ml |
| 2) T n-Decane (C10)            | 4.477  | 3366348    | 21.022 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.179  | 3637746    | 20.883 ug/ml |
| 4) T n-Dodecane (C12)          | 6.644  | 3410166    | 21.112 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.275  | 3534024    | 20.811 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.471  | 3386783    | 21.112 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.081 | 3441194    | 20.781 ug/ml |
| 8) T n-Octadecane (C18)        | 11.527 | 3417826    | 19.935 ug/ml |
| 10) T n-Eicosane (C20)         | 12.838 | 3268998    | 18.894 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.451 | 3184583    | 18.512 ug/ml |
| 13) T n-Docosane (C22)         | 14.038 | 3126305    | 18.132 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.144 | 3027284    | 17.340 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.168 | 2955574    | 16.971 ug/ml |
| 16) T n-Octacosane (C28)       | 17.121 | 2938270    | 17.001 ug/ml |
| 17) T n-Tricontane (C30)       | 18.011 | 3052383    | 17.447 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.846 | 3103209    | 17.010 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.634 | 3059850    | 18.441 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.378 | 3075093    | 19.372 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.110 | 3215834    | 20.507 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.014 | 3270162    | 23.011 ug/ml |
| -----                          |        |            |              |

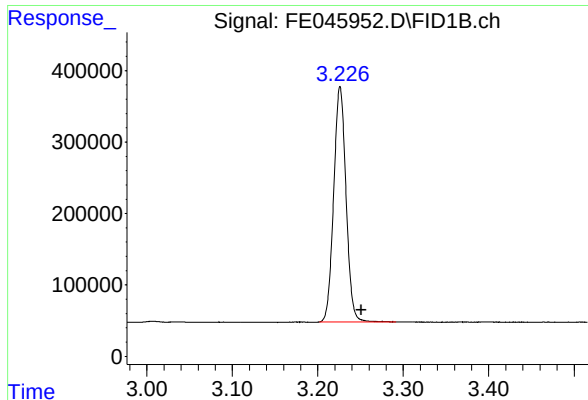
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e  
Quant Time: Dec 22 23:13:53 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 30 12:25:07 2023  
Response via : Initial Calibration  
Integrator: ChemStation

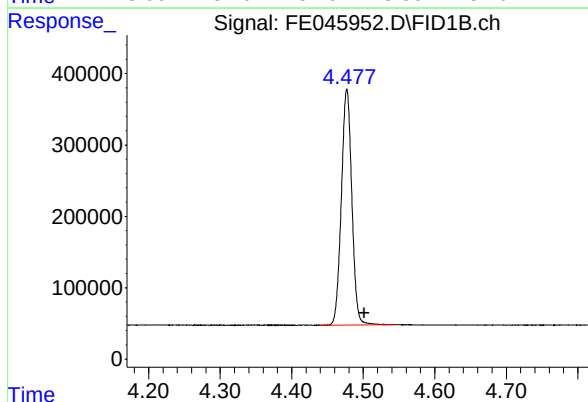
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





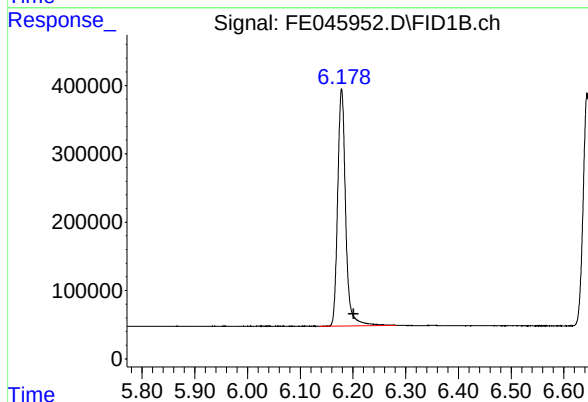
#1 n-Nonane (C9)

R.T.: 3.226 min  
Delta R.T.: -0.025 min  
Response: 3308769  
Conc: 20.87 ug/ml



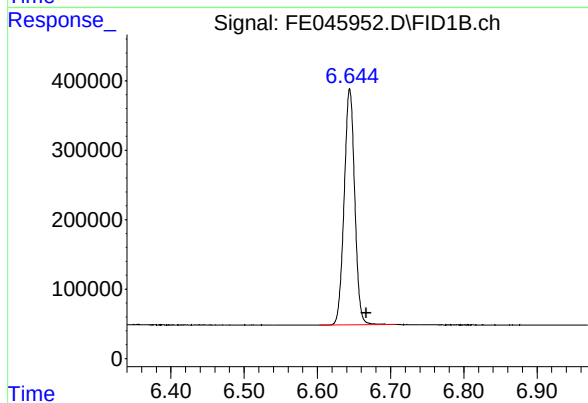
#2 n-Decane (C10)

R.T.: 4.477 min  
Delta R.T.: -0.024 min  
Response: 3366348  
Conc: 21.02 ug/ml



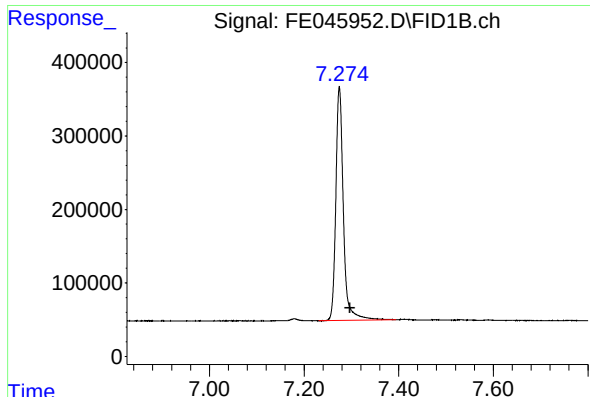
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min  
Delta R.T.: -0.023 min  
Response: 3637746  
Conc: 20.88 ug/ml



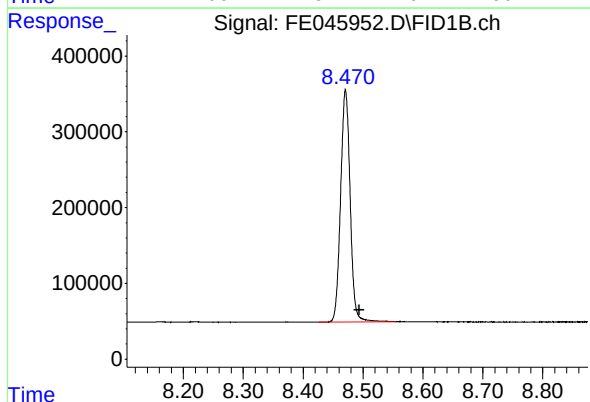
#4 n-Dodecane (C12)

R.T.: 6.644 min  
Delta R.T.: -0.023 min  
Response: 3410166  
Conc: 21.11 ug/ml



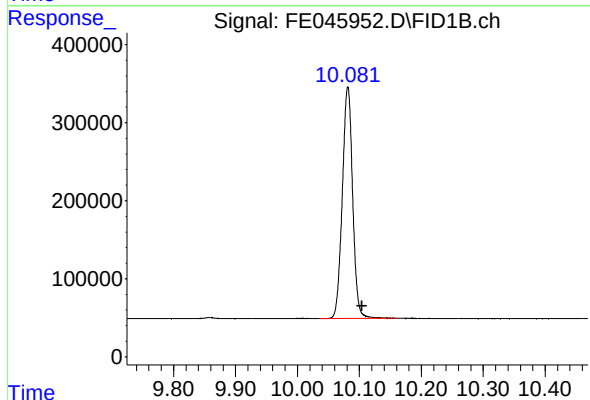
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min  
Delta R.T.: -0.023 min  
Response: 3534024  
Conc: 20.81 ug/ml



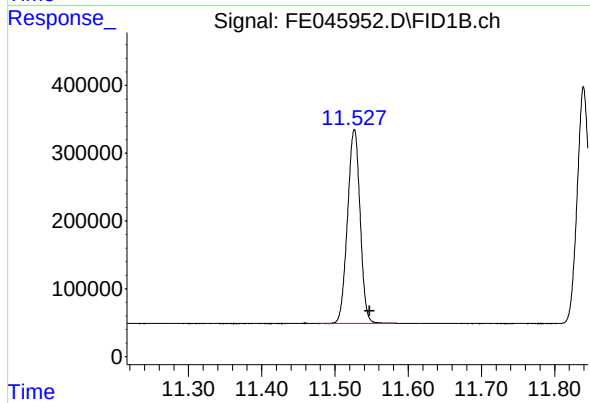
#6 n-Tetradecane (C14)

R.T.: 8.471 min  
Delta R.T.: -0.023 min  
Response: 3386783  
Conc: 21.11 ug/ml



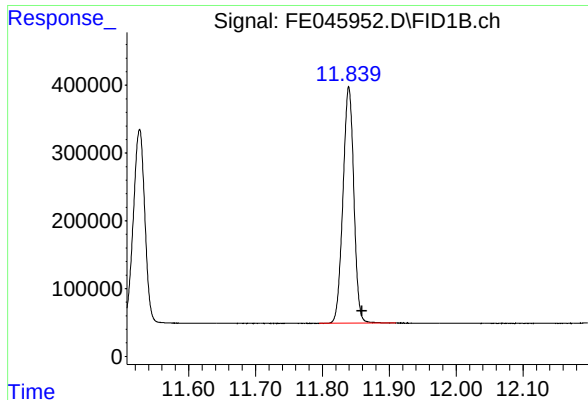
#7 n-Hexadecane (C16)

R.T.: 10.081 min  
Delta R.T.: -0.022 min  
Response: 3441194  
Conc: 20.78 ug/ml



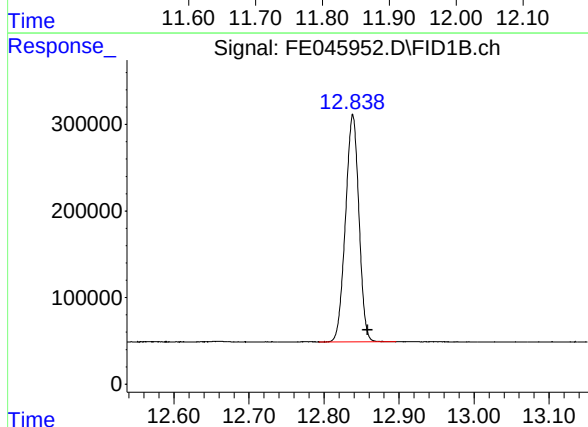
#8 n-Octadecane (C18)

R.T.: 11.527 min  
Delta R.T.: -0.021 min  
Response: 3417826  
Conc: 19.93 ug/ml



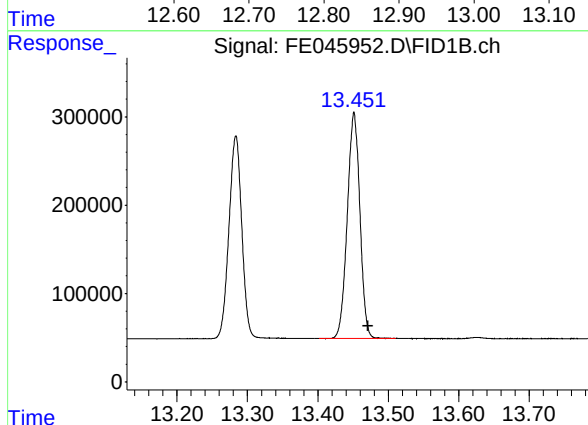
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min  
Delta R.T.: -0.020 min  
Response: 3947394  
Conc: 18.88 ug/ml



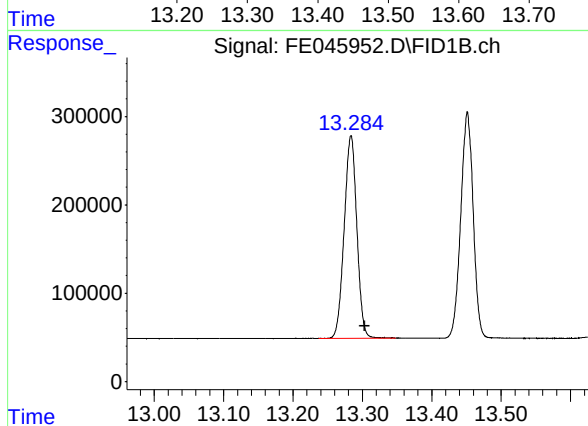
#10 n-Eicosane (C20)

R.T.: 12.838 min  
Delta R.T.: -0.020 min  
Response: 3268998  
Conc: 18.89 ug/ml



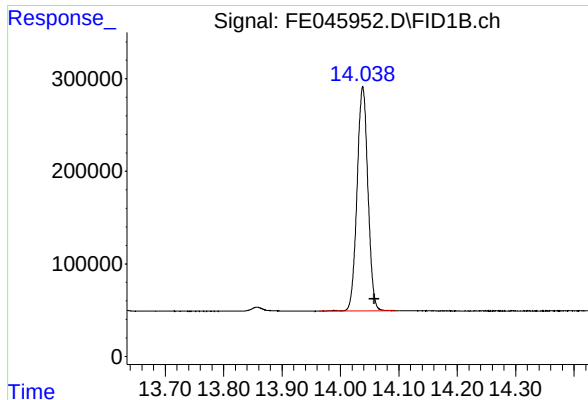
#11 n-Heneicosane (C21)

R.T.: 13.451 min  
Delta R.T.: -0.020 min  
Response: 3184583  
Conc: 18.51 ug/ml



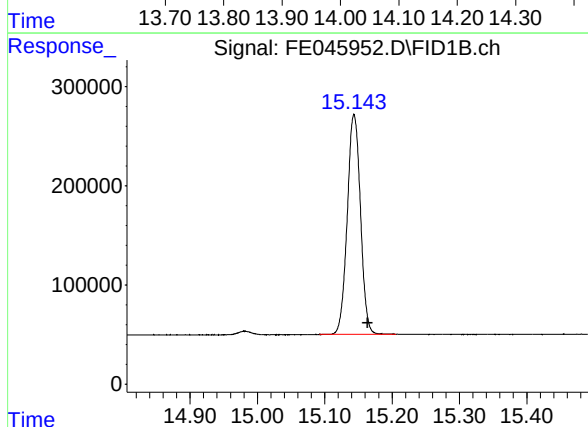
#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min  
Delta R.T.: -0.019 min  
Response: 2904092  
Conc: 18.46 ug/ml



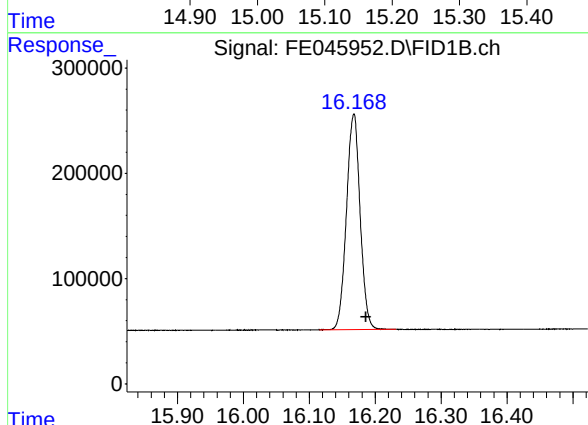
#13 n-Docosane (C22)

R.T.: 14.038 min  
Delta R.T.: -0.020 min  
Response: 3126305  
Conc: 18.13 ug/ml



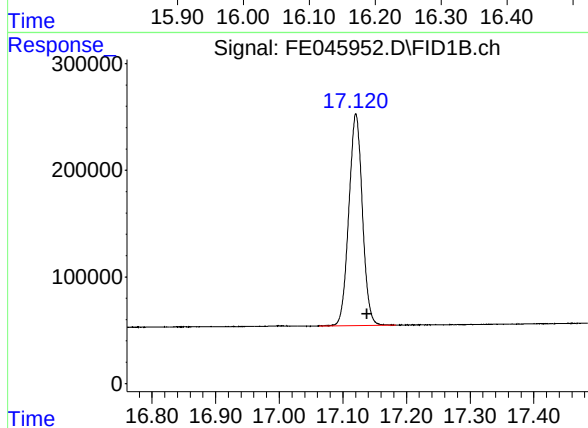
#14 n-Tetracosane (C24)

R.T.: 15.144 min  
Delta R.T.: -0.021 min  
Response: 3027284  
Conc: 17.34 ug/ml



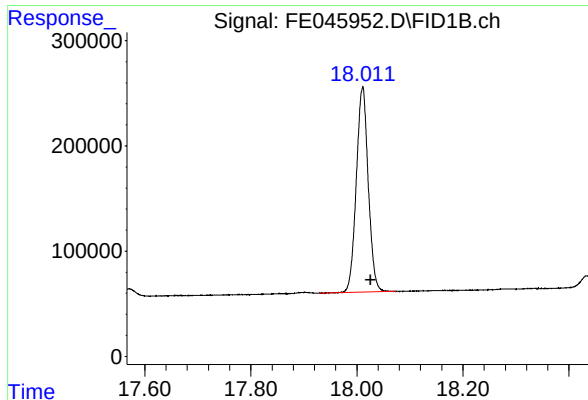
#15 n-Hexacosane (C26)

R.T.: 16.168 min  
Delta R.T.: -0.018 min  
Response: 2955574  
Conc: 16.97 ug/ml



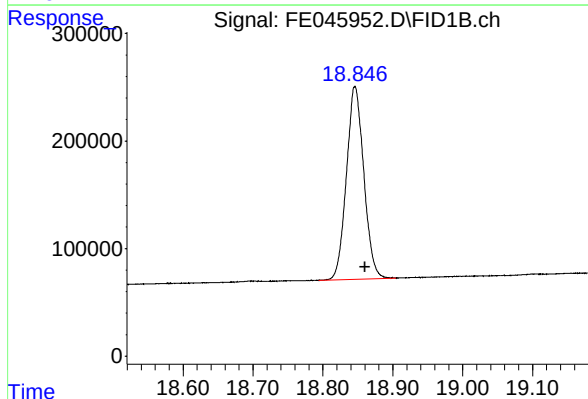
#16 n-Octacosane (C28)

R.T.: 17.121 min  
Delta R.T.: -0.018 min  
Response: 2938270  
Conc: 17.00 ug/ml



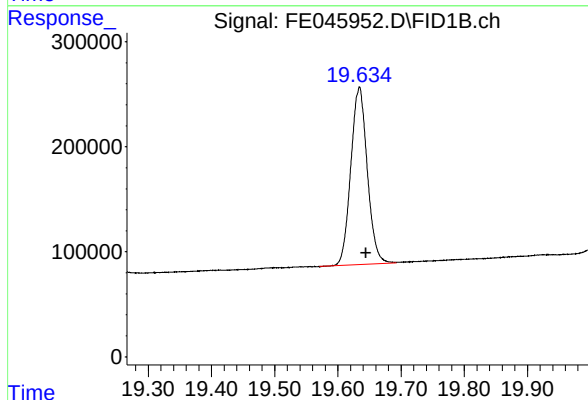
#17 n-Tricontane (C30)

R.T.: 18.011 min  
Delta R.T.: -0.015 min  
Response: 3052383  
Conc: 17.45 ug/ml



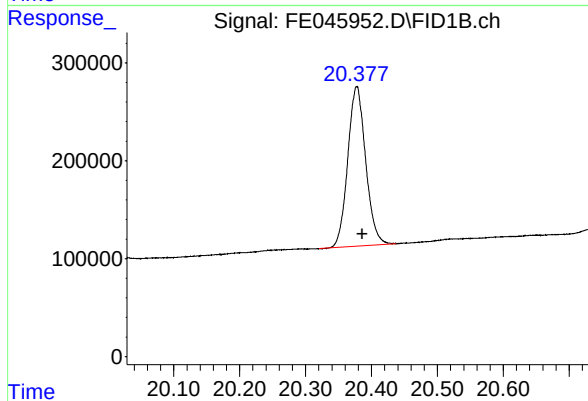
#18 n-Dotriacontane (C32)

R.T.: 18.846 min  
Delta R.T.: -0.014 min  
Response: 3103209  
Conc: 17.01 ug/ml m



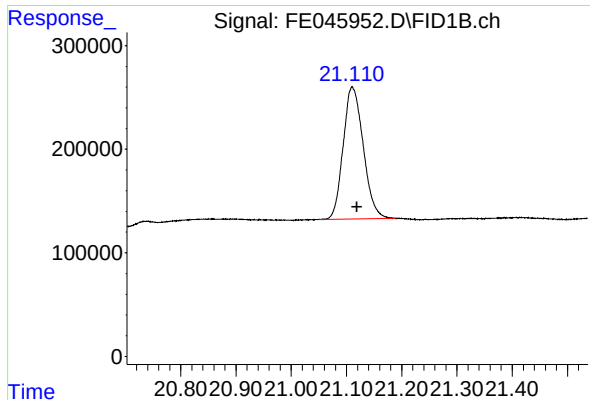
#19 n-Tetatriacontane (C34)

R.T.: 19.634 min  
Delta R.T.: -0.010 min  
Response: 3059850  
Conc: 18.44 ug/ml



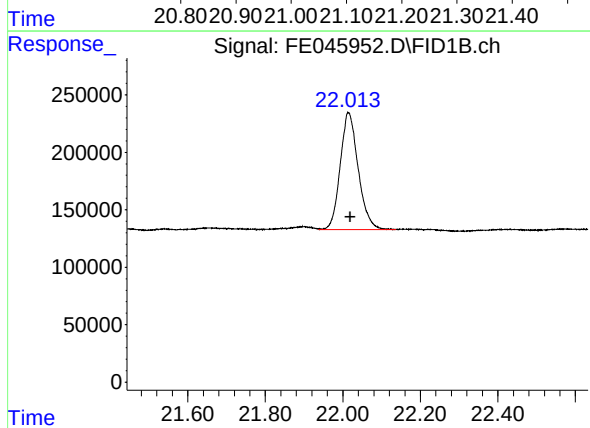
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min  
Delta R.T.: -0.008 min  
Response: 3075093  
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min  
Delta R.T.: -0.009 min  
Response: 3215834  
Conc: 20.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min  
Delta R.T.: -0.005 min  
Response: 3270162  
Conc: 23.01 ug/ml