

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011723AL\  
 Data File : FE039867.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Jan 2023 20:50  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jan 18 00:10:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 10 04:24:52 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)    | 11.923 | 2960128    | 19.276 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.55%        |
| 12) S 1-chlorooctadecane (S... | 13.360 | 2292314    | 19.643 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.312  | 2607926    | 20.545 ug/ml  |
| 2) T n-Decane (C10)            | 4.562  | 2593316    | 20.882 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.266  | 2881340    | 20.431 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.727  | 2625398    | 20.882 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.362  | 2700090    | 20.615 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.554  | 2670847    | 20.766 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.162 | 2760343    | 20.461 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.605 | 2797762    | 19.966 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.915 | 2711415    | 19.570 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.527 | 2694348    | 19.309 ug/ml  |
| 13) T n-Docosane (C22)         | 14.114 | 2678084    | 19.294 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.218 | 2671446    | 19.403 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.239 | 2598324    | 19.468 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.189 | 2605538    | 20.015 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.078 | 2708283    | 21.237 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.911 | 2769900    | 21.910 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.695 | 2653548    | 21.474 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.437 | 2532542    | 21.481 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.174 | 2600471    | 21.758 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.084 | 2566197    | 21.144 ug/ml  |
| -----                          |        |            |               |

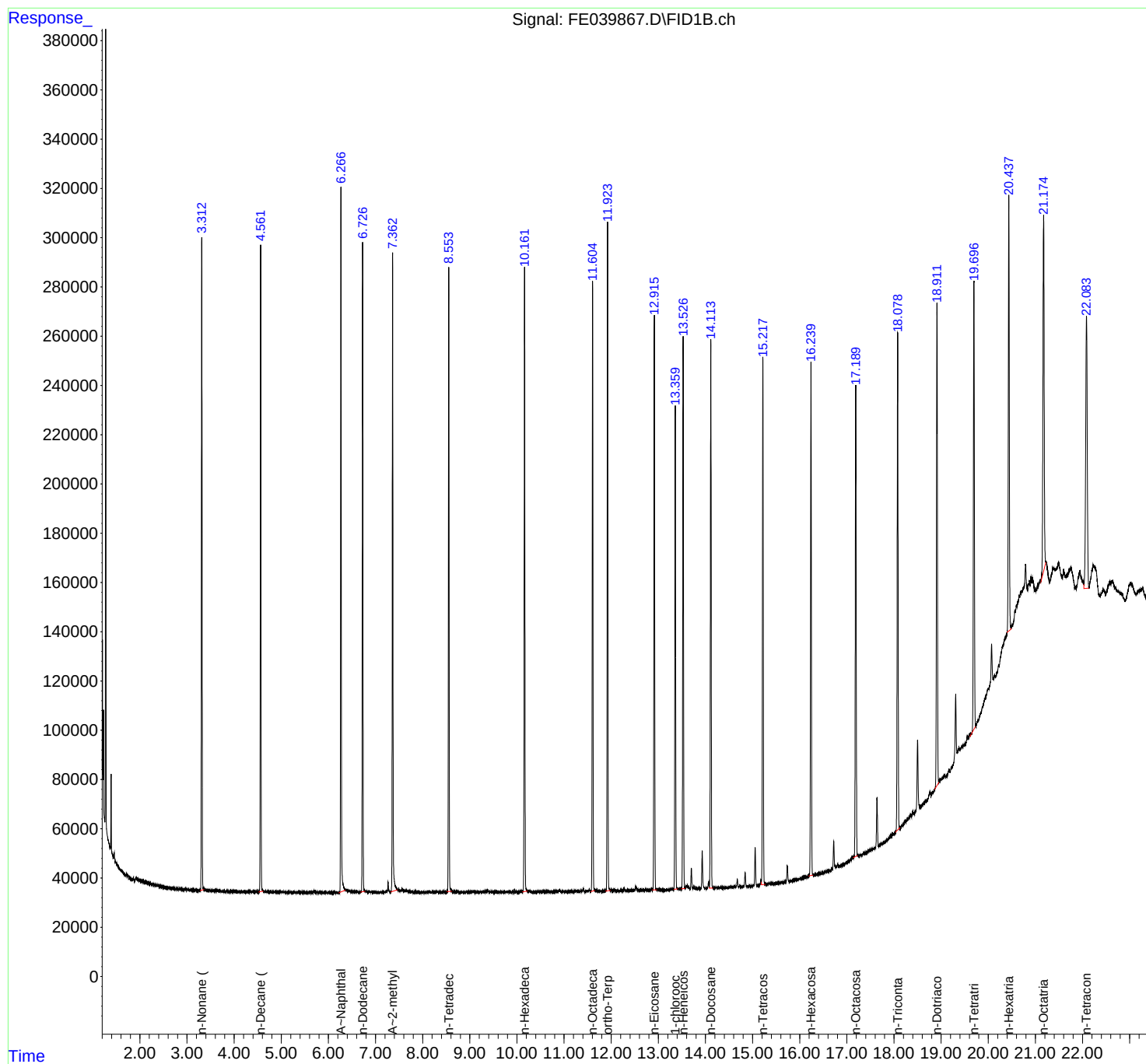
(f)=RT Delta > 1/2 Window

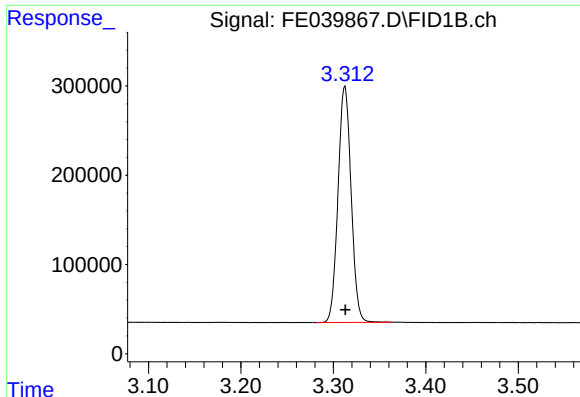
(m)=manual int.

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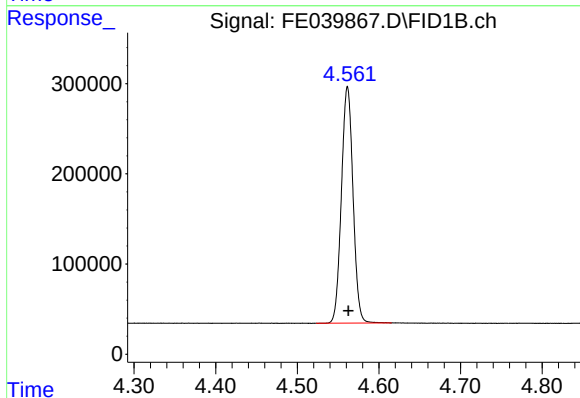
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





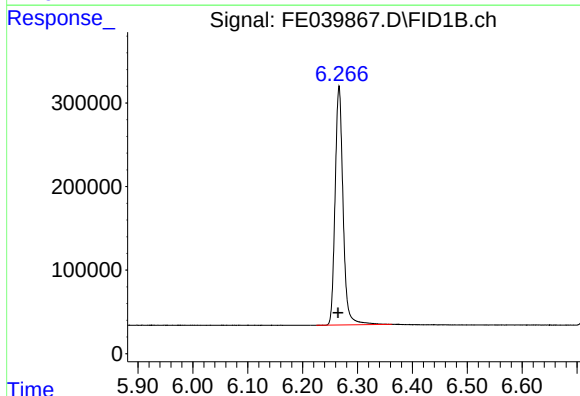
#1 n-Nonane (C9)

R.T.: 3.312 min  
Delta R.T.: 0.000 min  
Response: 2607926  
Conc: 20.55 ug/ml



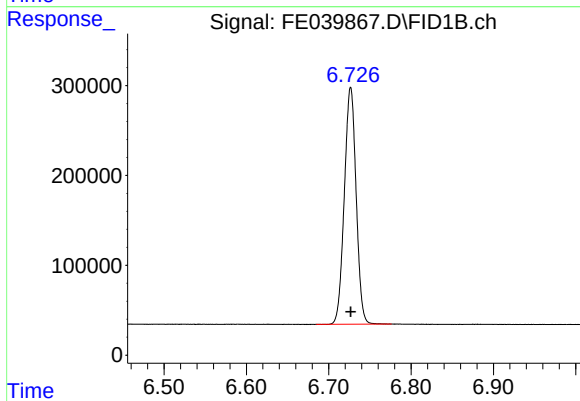
#2 n-Decane (C10)

R.T.: 4.562 min  
Delta R.T.: 0.000 min  
Response: 2593316  
Conc: 20.88 ug/ml



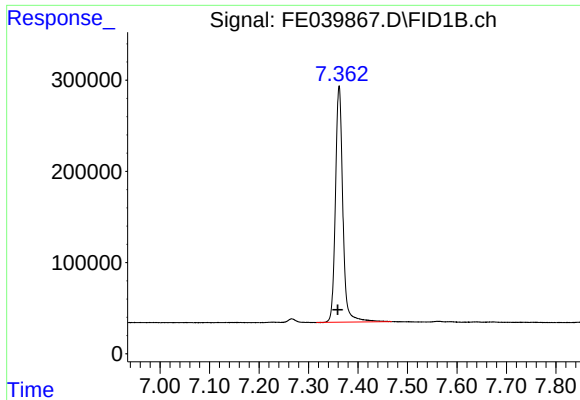
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 2881340  
Conc: 20.43 ug/ml



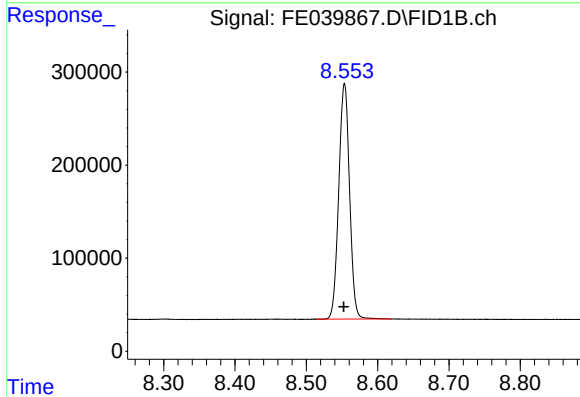
#4 n-Dodecane (C12)

R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 2625398  
Conc: 20.88 ug/ml



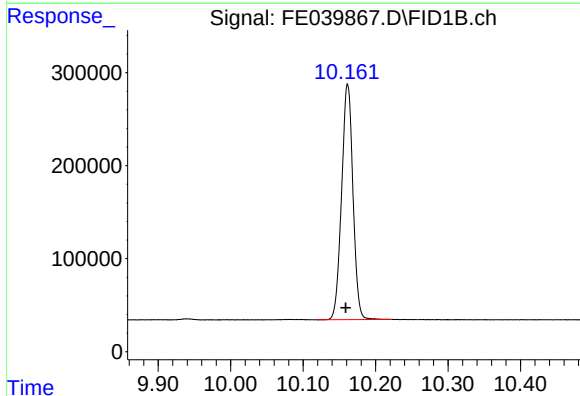
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.362 min  
Delta R.T.: 0.003 min  
Response: 2700090  
Conc: 20.61 ug/ml



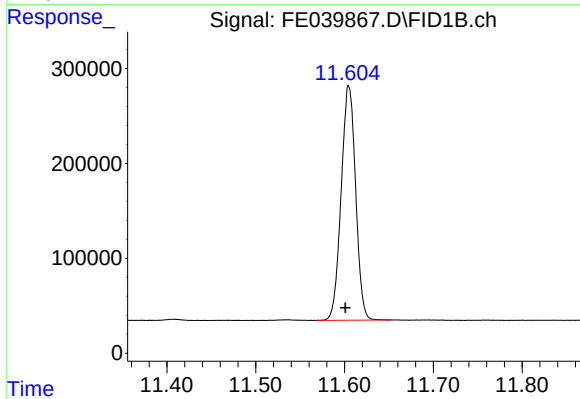
#6 n-Tetradecane (C14)

R.T.: 8.554 min  
Delta R.T.: 0.001 min  
Response: 2670847  
Conc: 20.77 ug/ml



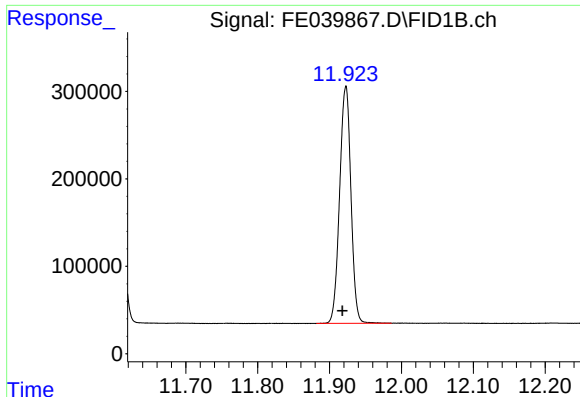
#7 n-Hexadecane (C16)

R.T.: 10.162 min  
Delta R.T.: 0.002 min  
Response: 2760343  
Conc: 20.46 ug/ml



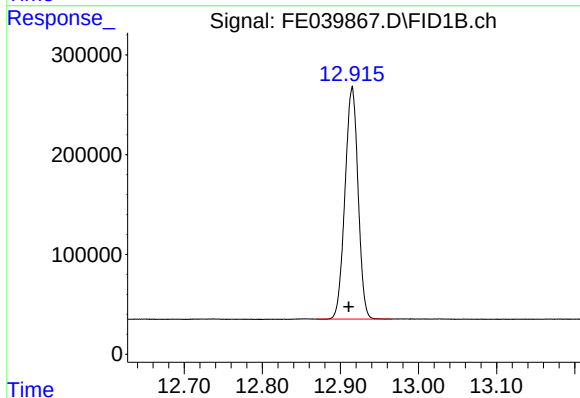
#8 n-Octadecane (C18)

R.T.: 11.605 min  
Delta R.T.: 0.004 min  
Response: 2797762  
Conc: 19.97 ug/ml



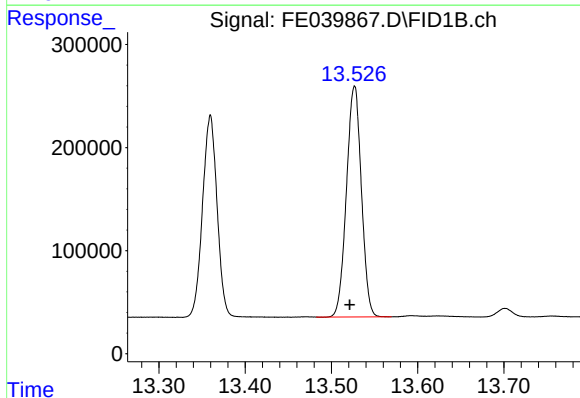
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min  
Delta R.T.: 0.005 min  
Response: 2960128  
Conc: 19.28 ug/ml



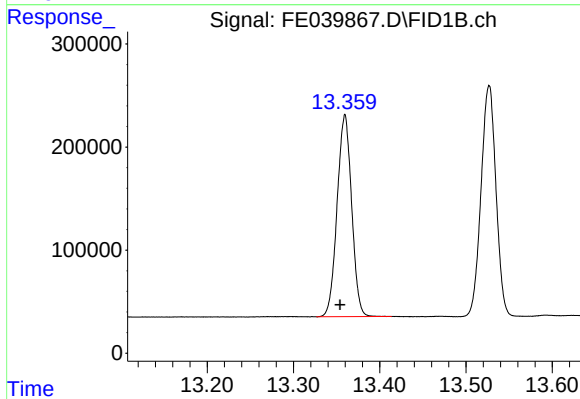
#10 n-Eicosane (C20)

R.T.: 12.915 min  
Delta R.T.: 0.005 min  
Response: 2711415  
Conc: 19.57 ug/ml



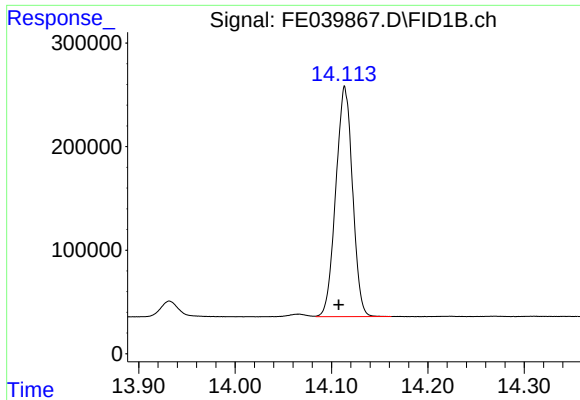
#11 n-Heneicosane (C21)

R.T.: 13.527 min  
Delta R.T.: 0.005 min  
Response: 2694348  
Conc: 19.31 ug/ml



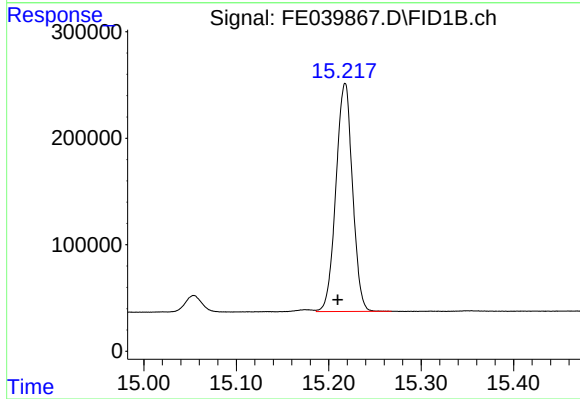
#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min  
Delta R.T.: 0.006 min  
Response: 2292314  
Conc: 19.64 ug/ml



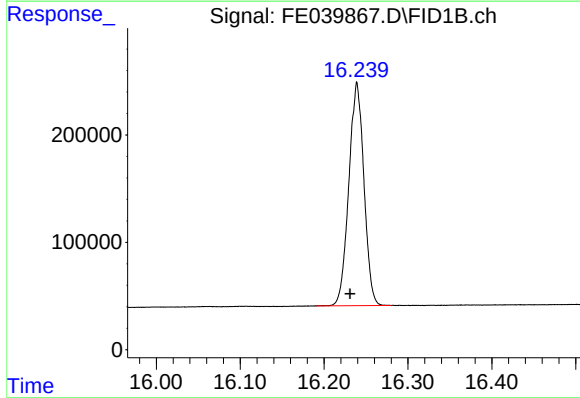
#13 n-Docosane (C22)

R.T.: 14.114 min  
Delta R.T.: 0.006 min  
Response: 2678084  
Conc: 19.29 ug/ml



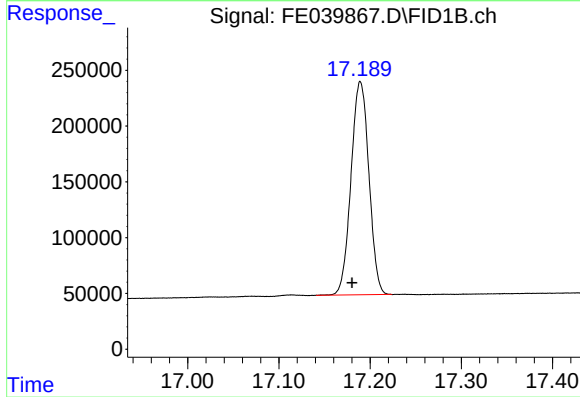
#14 n-Tetracosane (C24)

R.T.: 15.218 min  
Delta R.T.: 0.008 min  
Response: 2671446  
Conc: 19.40 ug/ml



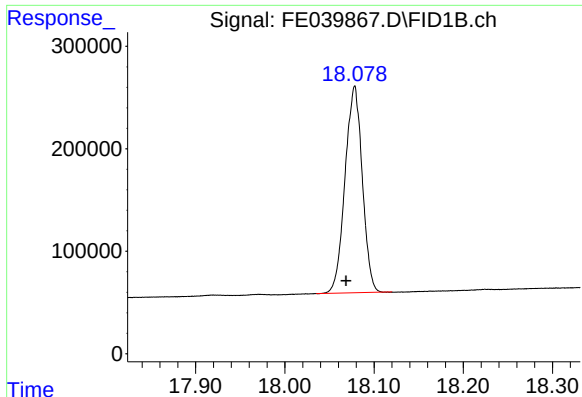
#15 n-Hexacosane (C26)

R.T.: 16.239 min  
Delta R.T.: 0.008 min  
Response: 2598324  
Conc: 19.47 ug/ml



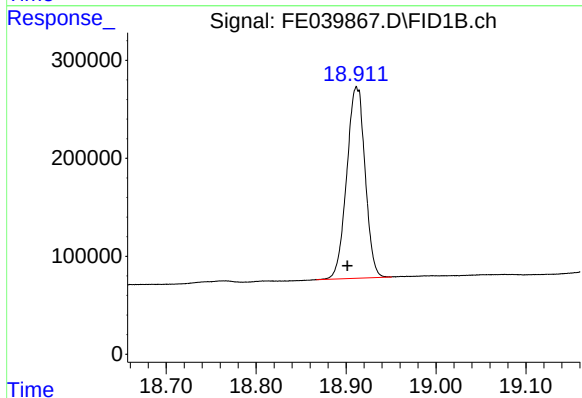
#16 n-Octacosane (C28)

R.T.: 17.189 min  
Delta R.T.: 0.008 min  
Response: 2605538  
Conc: 20.02 ug/ml m



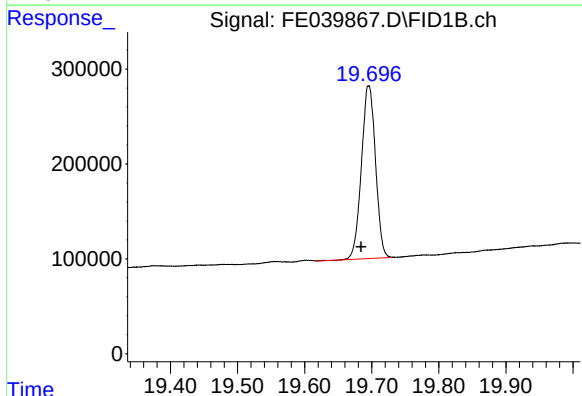
#17 n-Tricontane (C30)

R.T.: 18.078 min  
Delta R.T.: 0.010 min  
Response: 2708283  
Conc: 21.24 ug/ml m



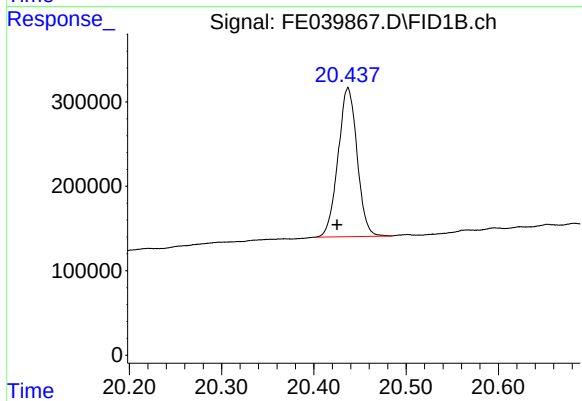
#18 n-Dotriacontane (C32)

R.T.: 18.911 min  
Delta R.T.: 0.010 min  
Response: 2769900  
Conc: 21.91 ug/ml m



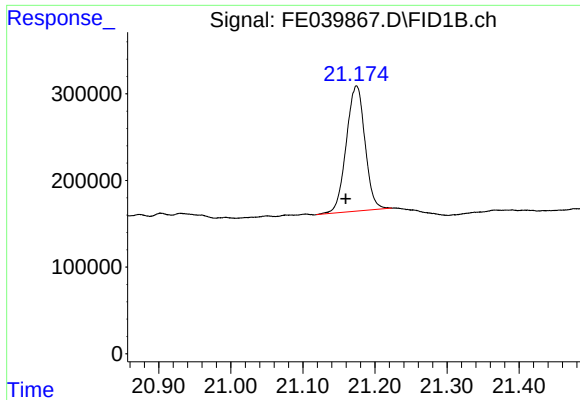
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min  
Delta R.T.: 0.011 min  
Response: 2653548  
Conc: 21.47 ug/ml



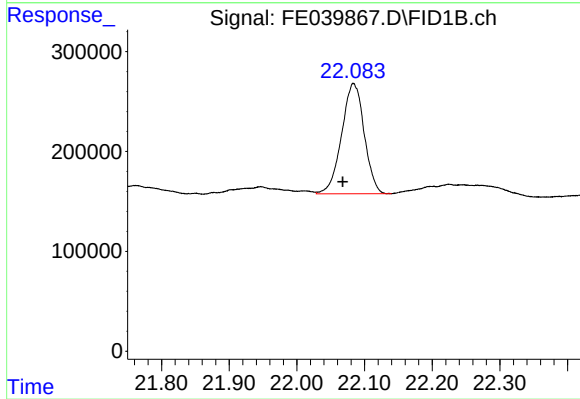
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min  
Delta R.T.: 0.012 min  
Response: 2532542  
Conc: 21.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.174 min  
Delta R.T.: 0.015 min  
Response: 2600471  
Conc: 21.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.084 min  
Delta R.T.: 0.016 min  
Response: 2566197  
Conc: 21.14 ug/ml