

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062322\  
 Data File : FE036167.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Jun 2022 14:49  
 Operator : YP\AJ  
 Sample : N1645-10  
 Misc : 1 PPM WATER LOD  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 24 01:59:44 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE062022.M  
 Quant Title :  
 QLast Update : Tue Jun 21 02:15:59 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                    |                          | R.T.   | Response | Conc Units   |
|-----------------------------|--------------------------|--------|----------|--------------|
| -----                       |                          |        |          |              |
| System Monitoring Compounds |                          |        |          |              |
| 9) S                        | TETRACOSANE-d50 (SURR... | 14.959 | 2718856  | 19.376 ug/ml |
| Target Compounds            |                          |        |          |              |
| 1)                          | N-OCTANE                 | 1.986  | 162040   | 1.013 ug/ml  |
| 2)                          | N-DECANE                 | 4.515  | 180519   | 1.109 ug/ml  |
| 3)                          | N-DODECANE               | 6.682  | 176863   | 1.086 ug/ml  |
| 4)                          | N-TETRADECANE            | 8.507  | 173057   | 1.066 ug/ml  |
| 5)                          | N-HEXADECANE             | 10.112 | 167560   | 1.033 ug/ml  |
| 6)                          | N-OCTADECANE             | 11.553 | 173830   | 1.062 ug/ml  |
| 7)                          | N-EICOSANE               | 12.862 | 178358   | 1.112 ug/ml  |
| 8)                          | N-DOCOSANE               | 14.058 | 177308   | 1.115 ug/ml  |
| 10)                         | N-TETRACOSANE            | 15.160 | 176229   | 1.127 ug/ml  |
| 11)                         | N-HEXACOSANE             | 16.180 | 178043   | 1.159 ug/ml  |
| 12)                         | N-OCTACOSANE             | 17.129 | 204103   | 1.357 ug/ml  |
| 13)                         | N-TRIACONTANE            | 18.018 | 259447   | 1.748 ug/ml  |
| 14)                         | N-DOTRIACONTANE          | 18.848 | 273970   | 1.942 ug/ml  |
| 15)                         | N-TETRATRIACONTANE       | 19.633 | 227773   | 1.771 ug/ml  |
| 16)                         | N-HEXATRIACONTANE        | 20.373 | 177823   | 1.597 ug/ml  |
| 17)                         | N-OCTATRIACONTANE        | 21.099 | 159078   | 1.622 ug/ml  |
| 18)                         | N-TETRACONTANE           | 21.989 | 159214   | 1.626 ug/ml  |
| -----                       |                          |        |          |              |

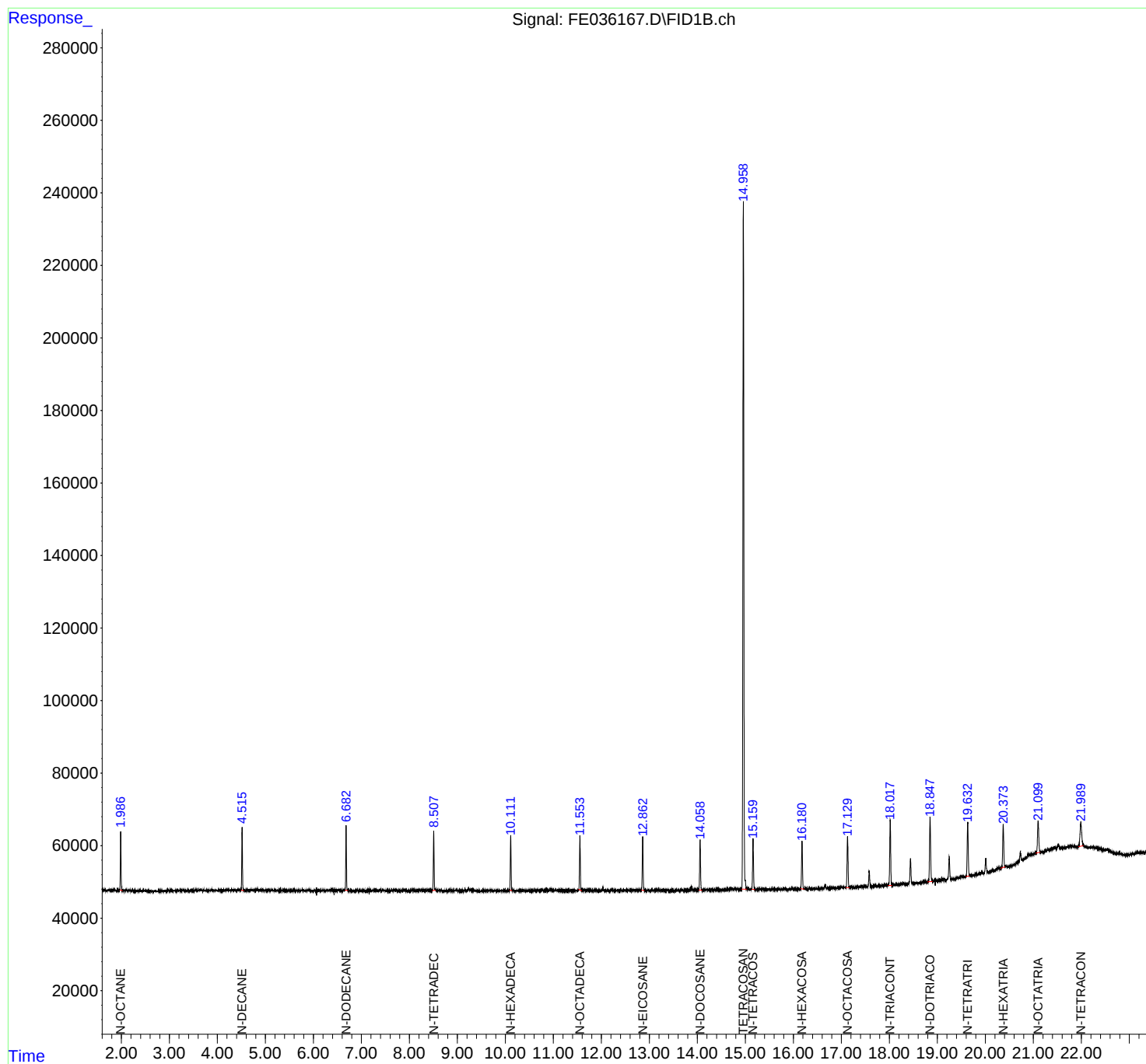
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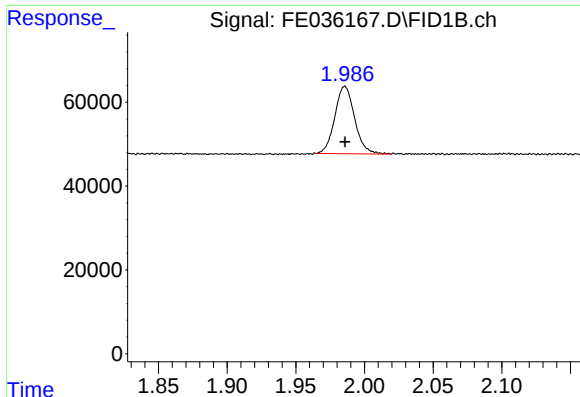
(m)=manual int.

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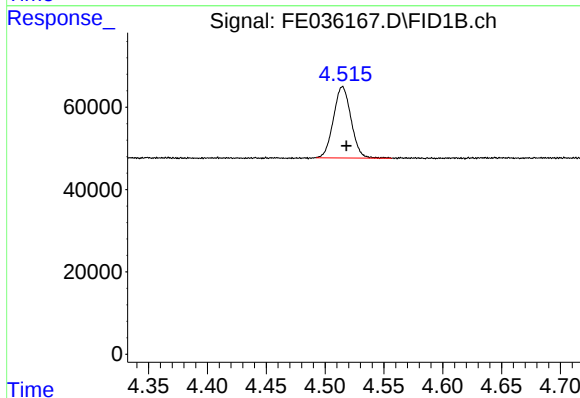
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





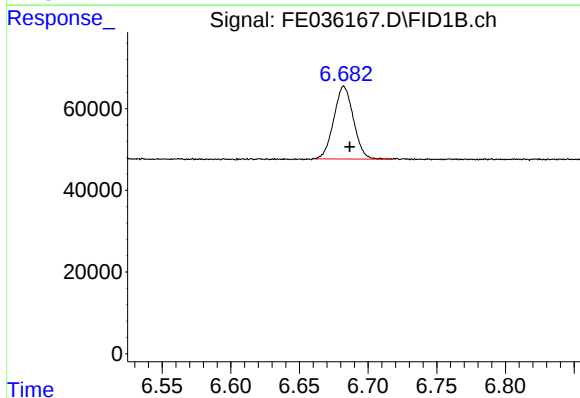
#1 N-OCTANE

R.T.: 1.986 min  
Delta R.T.: 0.000 min  
Response: 162040  
Conc: 1.01 ug/ml



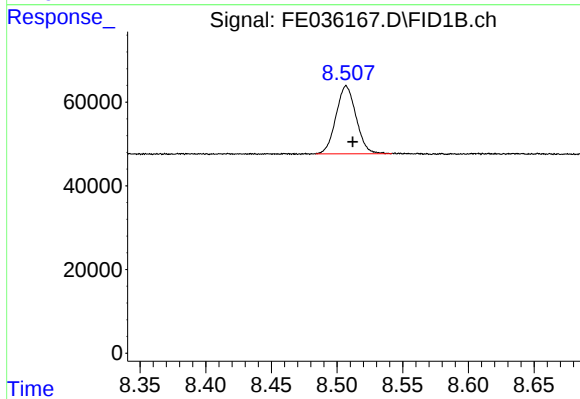
#2 N-DECANE

R.T.: 4.515 min  
Delta R.T.: -0.003 min  
Response: 180519  
Conc: 1.11 ug/ml



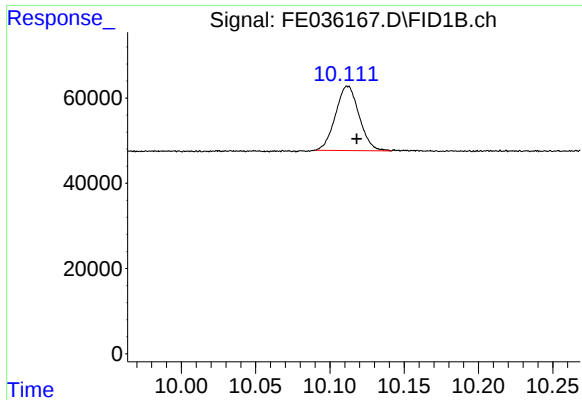
#3 N-DODECANE

R.T.: 6.682 min  
Delta R.T.: -0.004 min  
Response: 176863  
Conc: 1.09 ug/ml



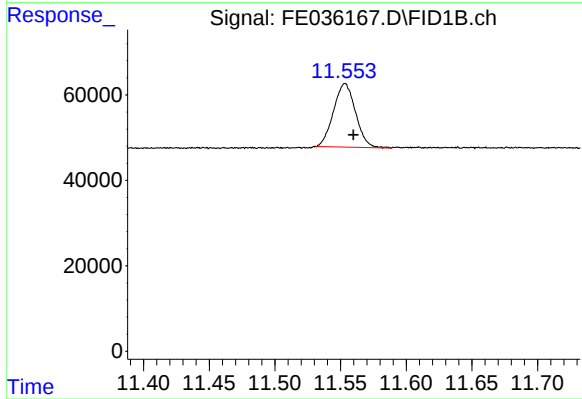
#4 N-TETRADECANE

R.T.: 8.507 min  
Delta R.T.: -0.005 min  
Response: 173057  
Conc: 1.07 ug/ml



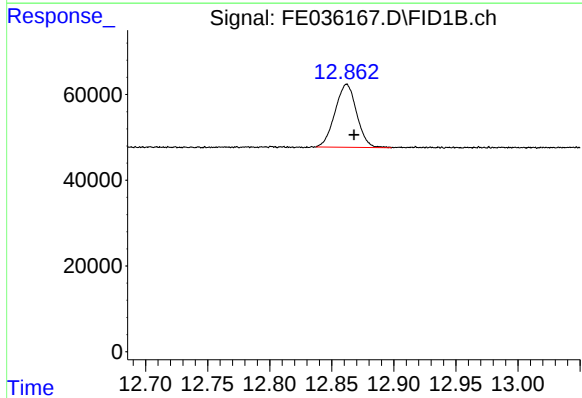
#5 N-HEXADECANE

R.T.: 10.112 min  
Delta R.T.: -0.006 min  
Response: 167560  
Conc: 1.03 ug/ml



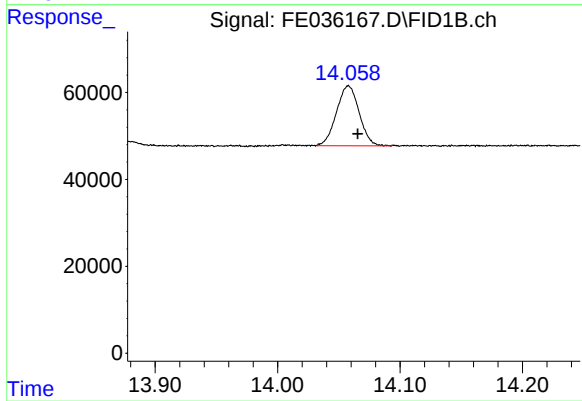
#6 N-OCTADECANE

R.T.: 11.553 min  
Delta R.T.: -0.006 min  
Response: 173830  
Conc: 1.06 ug/ml



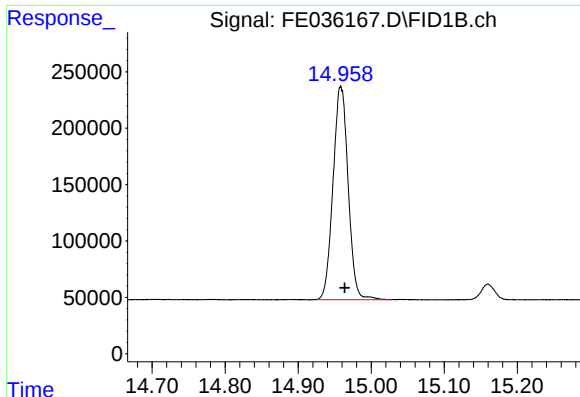
#7 N-EICOSANE

R.T.: 12.862 min  
Delta R.T.: -0.006 min  
Response: 178358  
Conc: 1.11 ug/ml



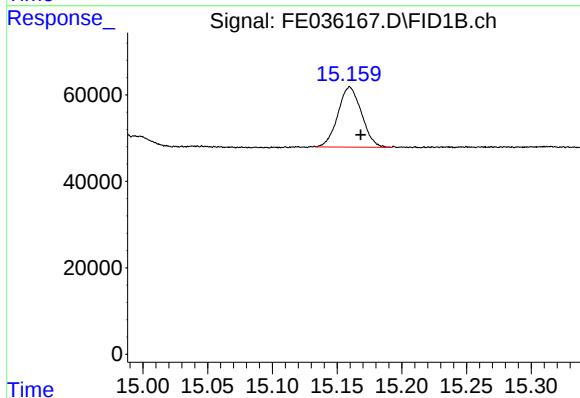
#8 N-DOCOSANE

R.T.: 14.058 min  
Delta R.T.: -0.008 min  
Response: 177308  
Conc: 1.11 ug/ml



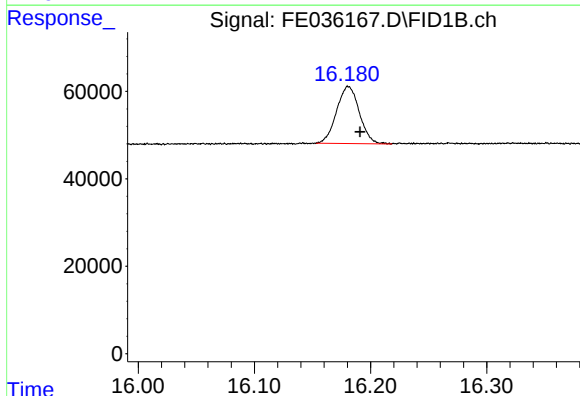
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.959 min  
Delta R.T.: -0.005 min  
Response: 2718856  
Conc: 19.38 ug/ml



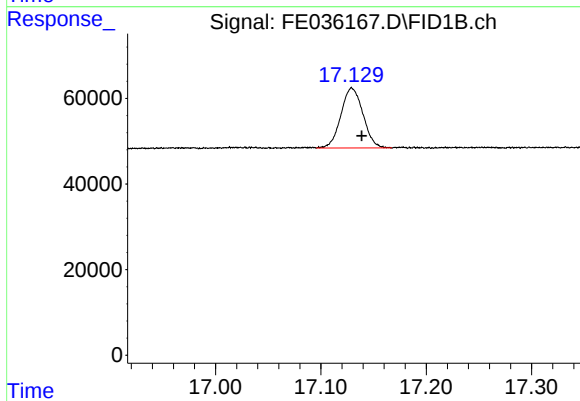
#10 N-TETRACOSANE

R.T.: 15.160 min  
Delta R.T.: -0.008 min  
Response: 176229  
Conc: 1.13 ug/ml



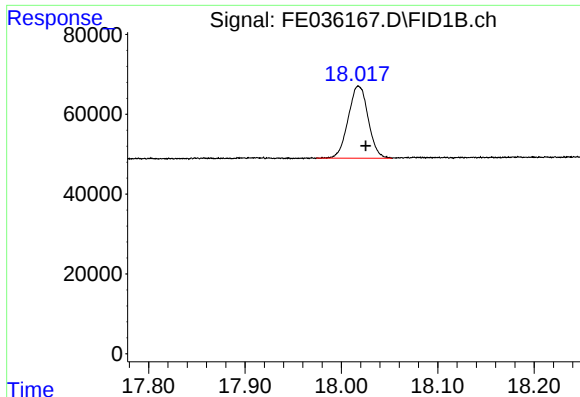
#11 N-HEXACOSANE

R.T.: 16.180 min  
Delta R.T.: -0.011 min  
Response: 178043  
Conc: 1.16 ug/ml



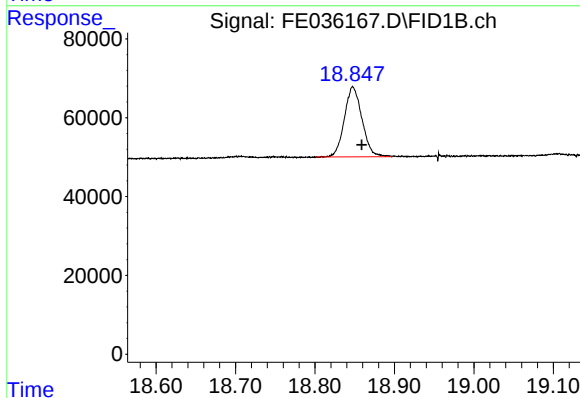
#12 N-OCTACOSANE

R.T.: 17.129 min  
Delta R.T.: -0.010 min  
Response: 204103  
Conc: 1.36 ug/ml



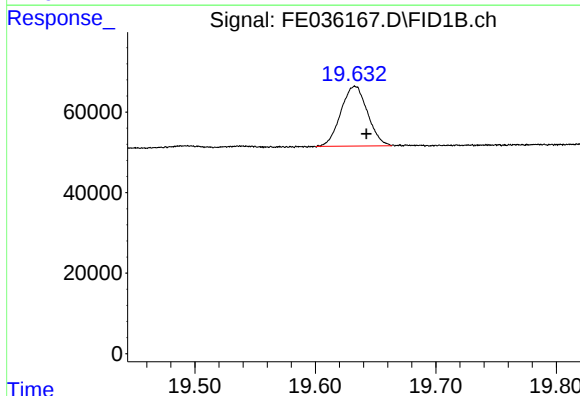
#13 N-TRIACONTANE

R.T.: 18.018 min  
Delta R.T.: -0.007 min  
Response: 259447  
Conc: 1.75 ug/ml



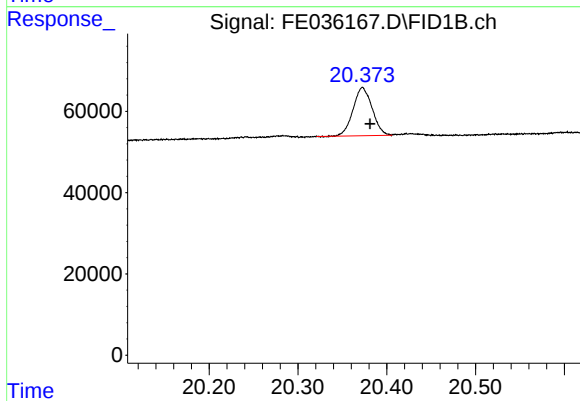
#14 N-DOTRIACONTANE

R.T.: 18.848 min  
Delta R.T.: -0.011 min  
Response: 273970  
Conc: 1.94 ug/ml



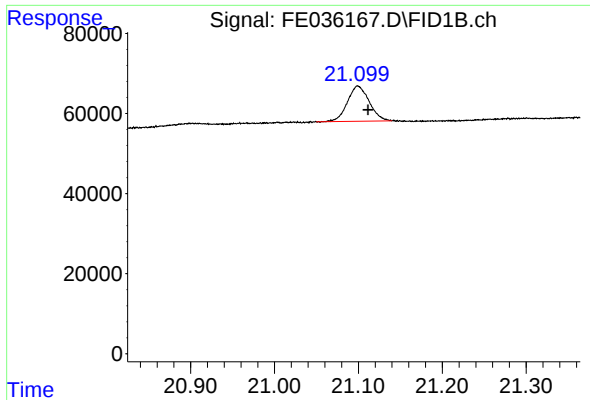
#15 N-TETRATRIACONTANE

R.T.: 19.633 min  
Delta R.T.: -0.010 min  
Response: 227773  
Conc: 1.77 ug/ml



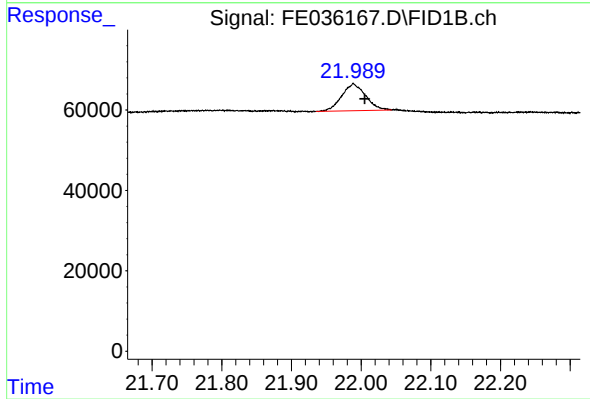
#16 N-HEXATRIACONTANE

R.T.: 20.373 min  
Delta R.T.: -0.008 min  
Response: 177823  
Conc: 1.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.099 min  
Delta R.T.: -0.012 min  
Response: 159078  
Conc: 1.62 ug/ml



#18 N-TETRACONTANE

R.T.: 21.989 min  
Delta R.T.: -0.016 min  
Response: 159214  
Conc: 1.63 ug/ml