

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF051221\  
 Data File : FF008406.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 May 2021 12:30  
 Operator : DD\AJ  
 Sample : M2262-06  
 Misc : MDL-SOIL-1 PPM  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 13 01:24:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF050521.M  
 Quant Title :  
 QLast Update : Thu May 06 08:43:31 2021  
 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... | 14.778 | 2603970  | 20.856 ug/ml |
| Target Compounds            |                          |        |          |              |
| 1)                          | N-OCTANE                 | 2.433  | 173539   | 1.309 ug/ml  |
| 2)                          | N-DECANE                 | 4.533  | 216781   | 1.606 ug/ml  |
| 3)                          | N-DODECANE               | 6.545  | 222923   | 1.631 ug/ml  |
| 4)                          | N-TETRADECANE            | 8.333  | 230626   | 1.650 ug/ml  |
| 5)                          | N-HEXADECANE             | 9.929  | 238137   | 1.708 ug/ml  |
| 6)                          | N-OCTADECANE             | 11.365 | 240006   | 1.684 ug/ml  |
| 7)                          | N-EICOSANE               | 12.674 | 245753   | 1.730 ug/ml  |
| 8)                          | N-DOCOSANE               | 13.876 | 244434   | 1.717 ug/ml  |
| 10)                         | N-TETRACOSANE            | 14.981 | 239219   | 1.677 ug/ml  |
| 11)                         | N-HEXACOSANE             | 16.002 | 234113   | 1.660 ug/ml  |
| 12)                         | N-OCTACOSANE             | 16.950 | 244566   | 1.743 ug/ml  |
| 13)                         | N-TRIACONTANE            | 17.834 | 276376   | 1.995 ug/ml  |
| 14)                         | N-DOTRIACONTANE          | 18.663 | 332208   | 2.452 ug/mlm |
| 15)                         | N-TETRATRIACONTANE       | 19.441 | 235836   | 1.849 ug/ml  |
| 16)                         | N-HEXATRIACONTANE        | 20.176 | 250627   | 2.100 ug/mlm |
| 17)                         | N-OCTATRIACONTANE        | 20.922 | 196550   | 1.826 ug/ml  |
| 18)                         | N-TETRACONTANE           | 21.865 | 175855   | 1.547 ug/mlm |
| -----                       |                          |        |          |              |

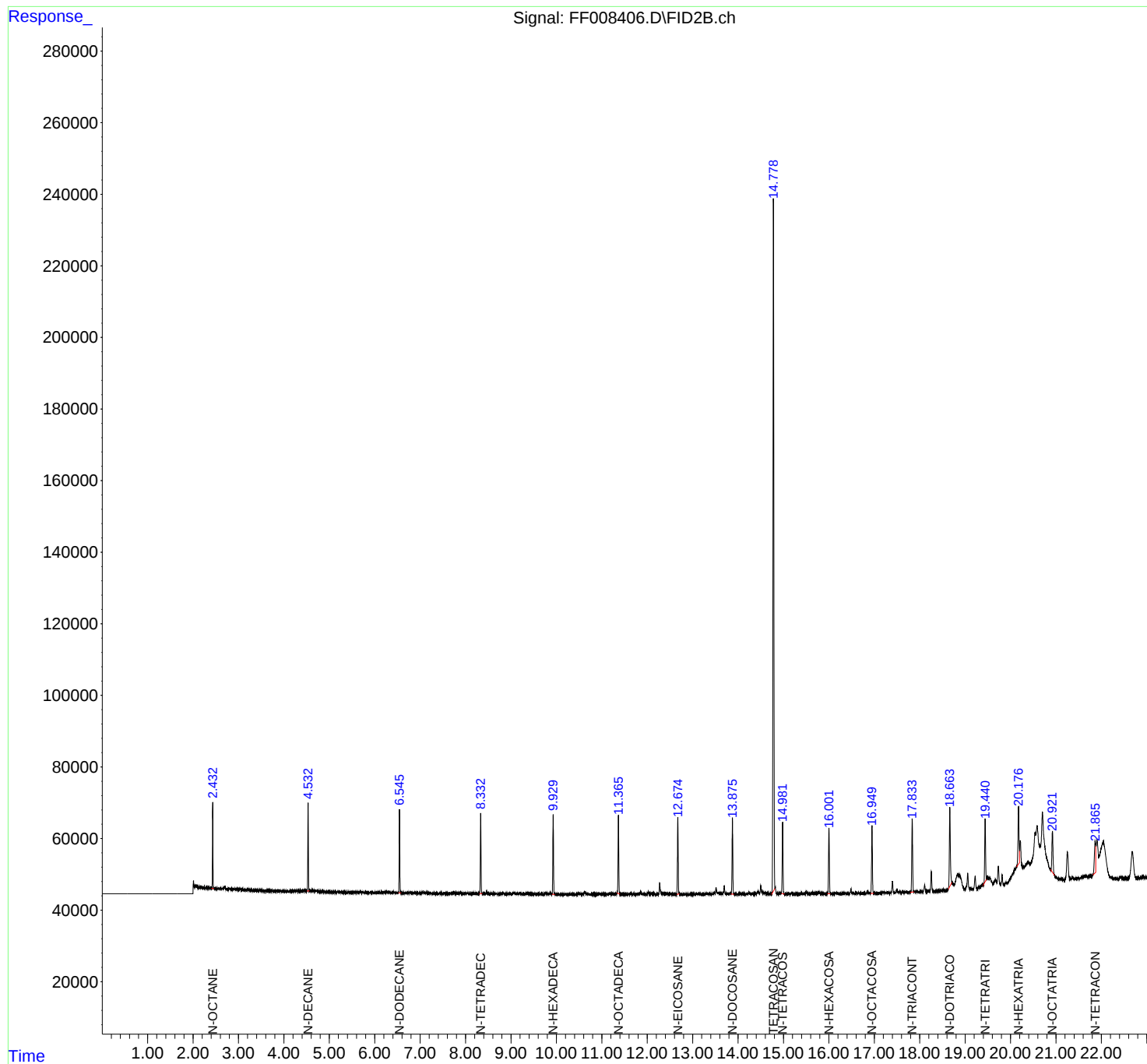
(f)=RT Delta > 1/2 Window

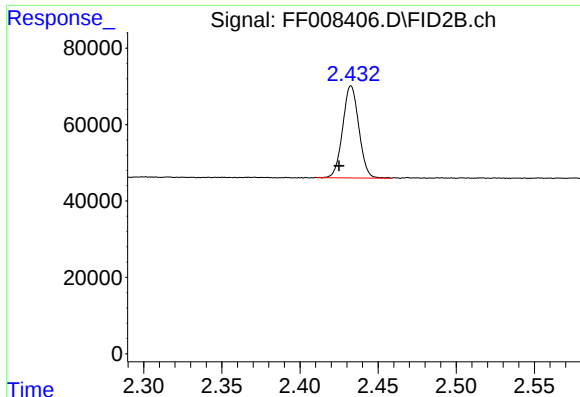
(m)=manual int.

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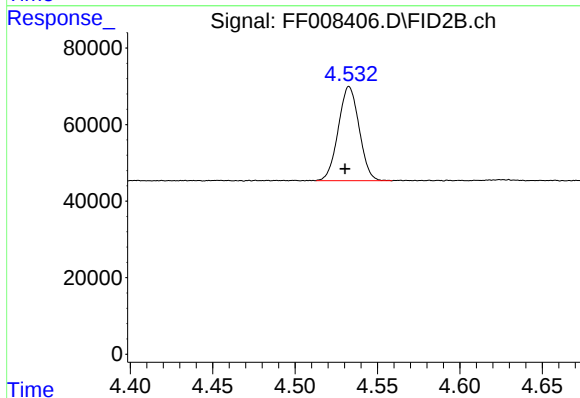
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





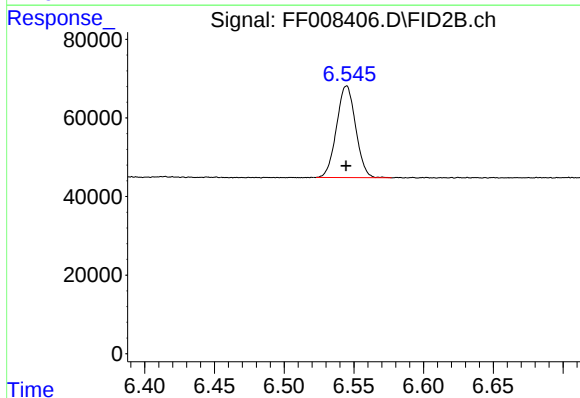
#1 N-OCTANE

R.T.: 2.433 min  
Delta R.T.: 0.008 min  
Response: 173539  
Conc: 1.31 ug/ml



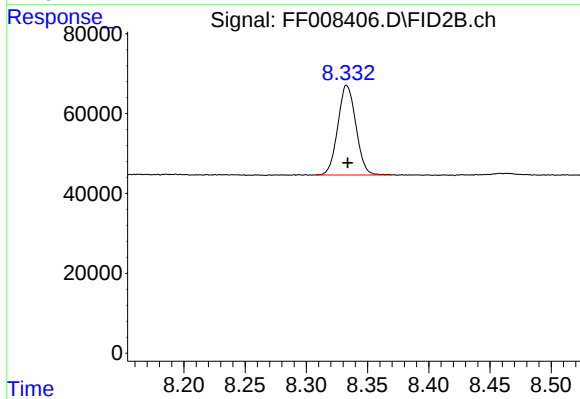
#2 N-DECANE

R.T.: 4.533 min  
Delta R.T.: 0.003 min  
Response: 216781  
Conc: 1.61 ug/ml



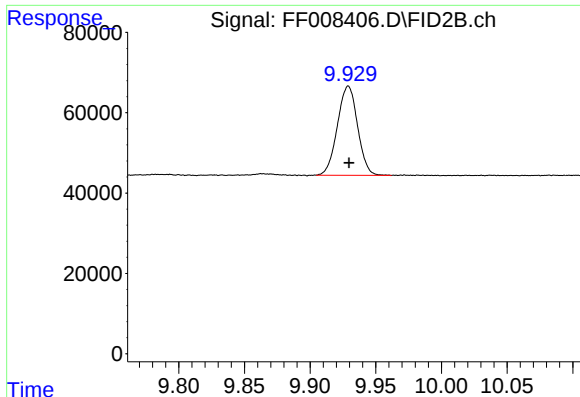
#3 N-DODECANE

R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 222923  
Conc: 1.63 ug/ml



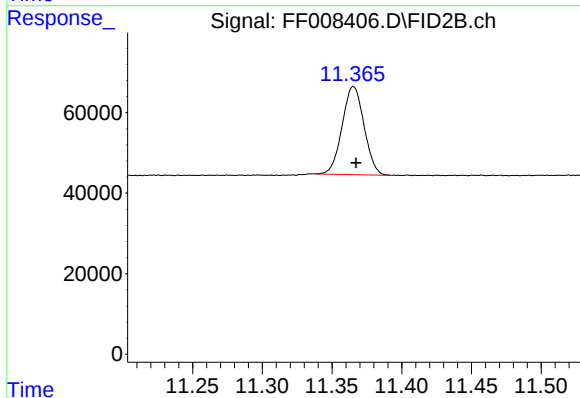
#4 N-TETRADECANE

R.T.: 8.333 min  
Delta R.T.: -0.001 min  
Response: 230626  
Conc: 1.65 ug/ml



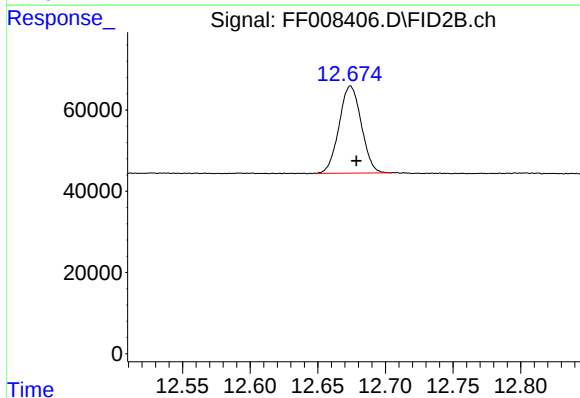
#5 N-HEXADECANE

R.T.: 9.929 min  
Delta R.T.: 0.000 min  
Response: 238137  
Conc: 1.71 ug/ml



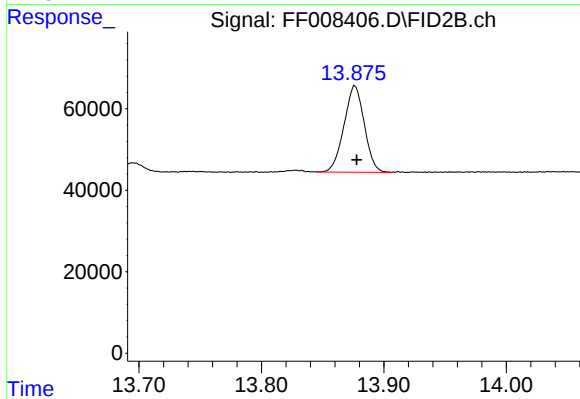
#6 N-OCTADECANE

R.T.: 11.365 min  
Delta R.T.: -0.002 min  
Response: 240006  
Conc: 1.68 ug/ml



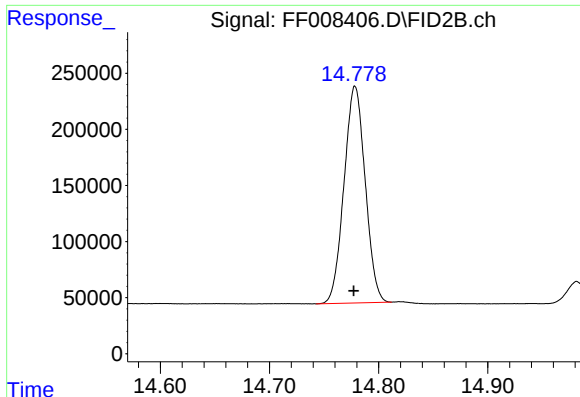
#7 N-EICOSANE

R.T.: 12.674 min  
Delta R.T.: -0.004 min  
Response: 245753  
Conc: 1.73 ug/ml



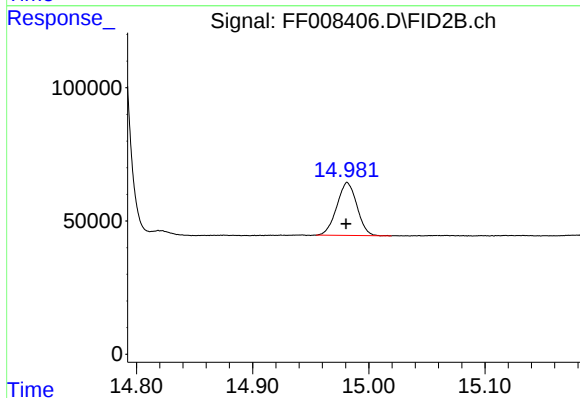
#8 N-DOCOSANE

R.T.: 13.876 min  
Delta R.T.: -0.002 min  
Response: 244434  
Conc: 1.72 ug/ml



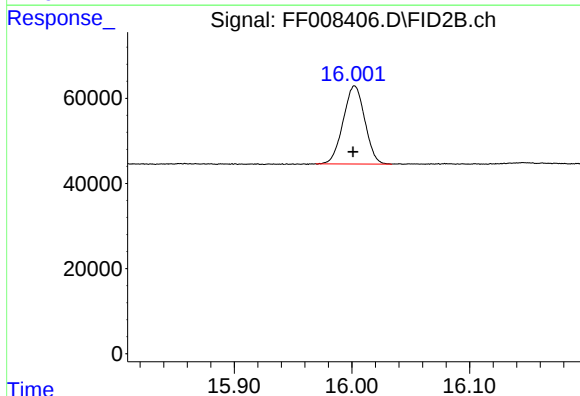
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.778 min  
Delta R.T.: 0.001 min  
Response: 2603970  
Conc: 20.86 ug/ml



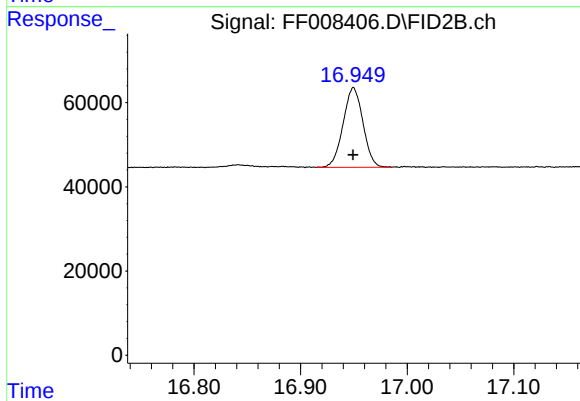
#10 N-TETRACOSANE

R.T.: 14.981 min  
Delta R.T.: 0.000 min  
Response: 239219  
Conc: 1.68 ug/ml



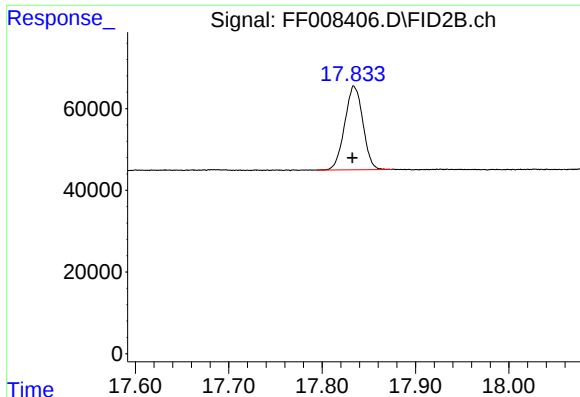
#11 N-HEXACOSANE

R.T.: 16.002 min  
Delta R.T.: 0.002 min  
Response: 234113  
Conc: 1.66 ug/ml



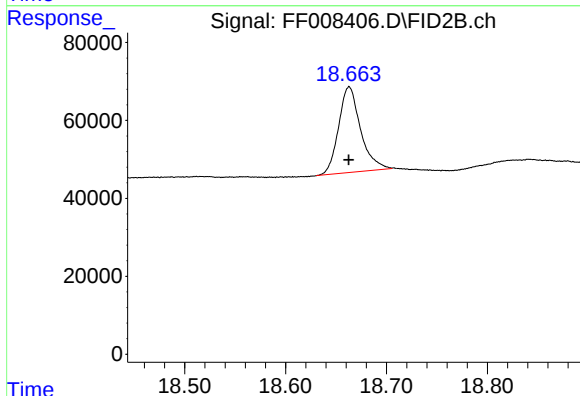
#12 N-OCTACOSANE

R.T.: 16.950 min  
Delta R.T.: 0.000 min  
Response: 244566  
Conc: 1.74 ug/ml



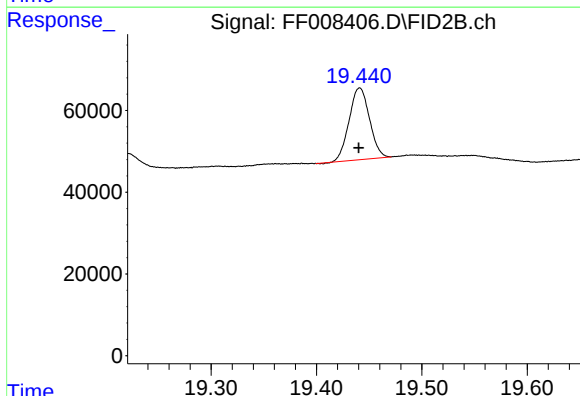
#13 N-TRIACONTANE

R.T.: 17.834 min  
Delta R.T.: 0.002 min  
Response: 276376  
Conc: 1.99 ug/ml



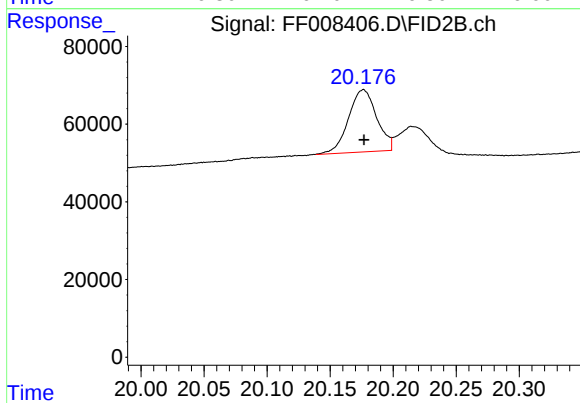
#14 N-DOTRIACONTANE

R.T.: 18.663 min  
Delta R.T.: 0.000 min  
Response: 332208  
Conc: 2.45 ug/ml m



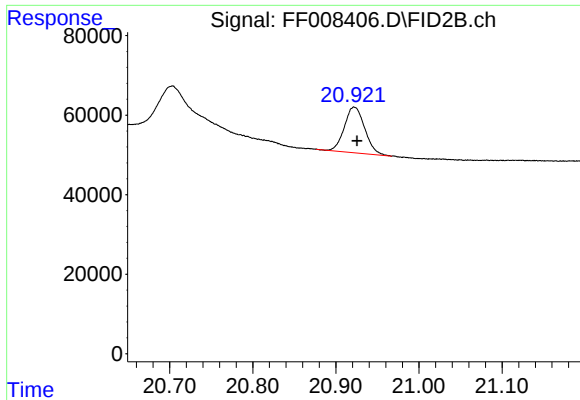
#15 N-TETRATRIACONTANE

R.T.: 19.441 min  
Delta R.T.: 0.000 min  
Response: 235836  
Conc: 1.85 ug/ml



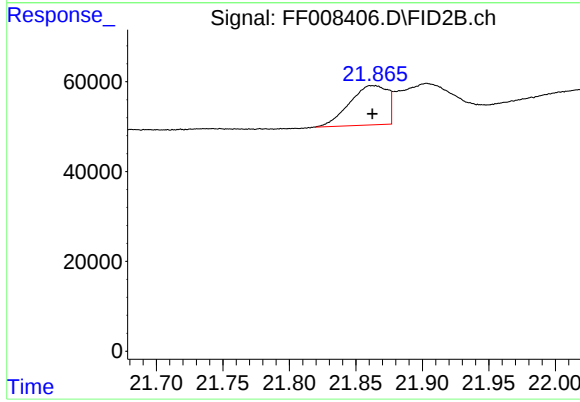
#16 N-HEXATRIACONTANE

R.T.: 20.176 min  
Delta R.T.: 0.000 min  
Response: 250627  
Conc: 2.10 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.922 min  
Delta R.T.: -0.003 min  
Response: 196550  
Conc: 1.83 ug/ml



#18 N-TETRACONTANE

R.T.: 21.865 min  
Delta R.T.: 0.002 min  
Response: 175855  
Conc: 1.55 ug/ml m