

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070822\  
 Data File : FG010128.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Jul 2022 13:48  
 Operator : AJ\MA  
 Sample : N3214-12  
 Misc : 1 PPM WATER MDL  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 09 03:14:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG062922.M  
 Quant Title :  
 QLast Update : Thu Jun 30 04:15:08 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... | 14.808 | 1866521  | 15.697 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.830  | 98407    | 0.792 ug/ml  |
| 2) N-DECANE                   | 4.336  | 95038    | 0.748 ug/ml  |
| 3) N-DODECANE                 | 6.514  | 89221    | 0.690 ug/ml  |
| 4) N-TETRADECANE              | 8.343  | 88050    | 0.668 ug/ml  |
| 5) N-HEXADECANE               | 9.951  | 91946    | 0.689 ug/ml  |
| 6) N-OCTADECANE               | 11.394 | 93741    | 0.693 ug/ml  |
| 7) N-EICOSANE                 | 12.705 | 97657    | 0.729 ug/ml  |
| 8) N-DOCOSANE                 | 13.905 | 100682   | 0.752 ug/ml  |
| 10) N-TETRACOSANE             | 15.011 | 99711    | 0.752 ug/ml  |
| 11) N-HEXACOSANE              | 16.033 | 100222   | 0.764 ug/ml  |
| 12) N-OCTACOSANE              | 16.984 | 103548   | 0.806 ug/ml  |
| 13) N-TRIACONTANE             | 17.872 | 110936   | 0.882 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.706 | 103409   | 0.874 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.492 | 81963    | 0.771 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.234 | 59696    | 0.670 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.946 | 57173    | 0.734 ug/mlm |
| 18) N-TETRACONTANE            | 21.794 | 57076    | 0.728 ug/mlm |
| -----                         |        |          |              |

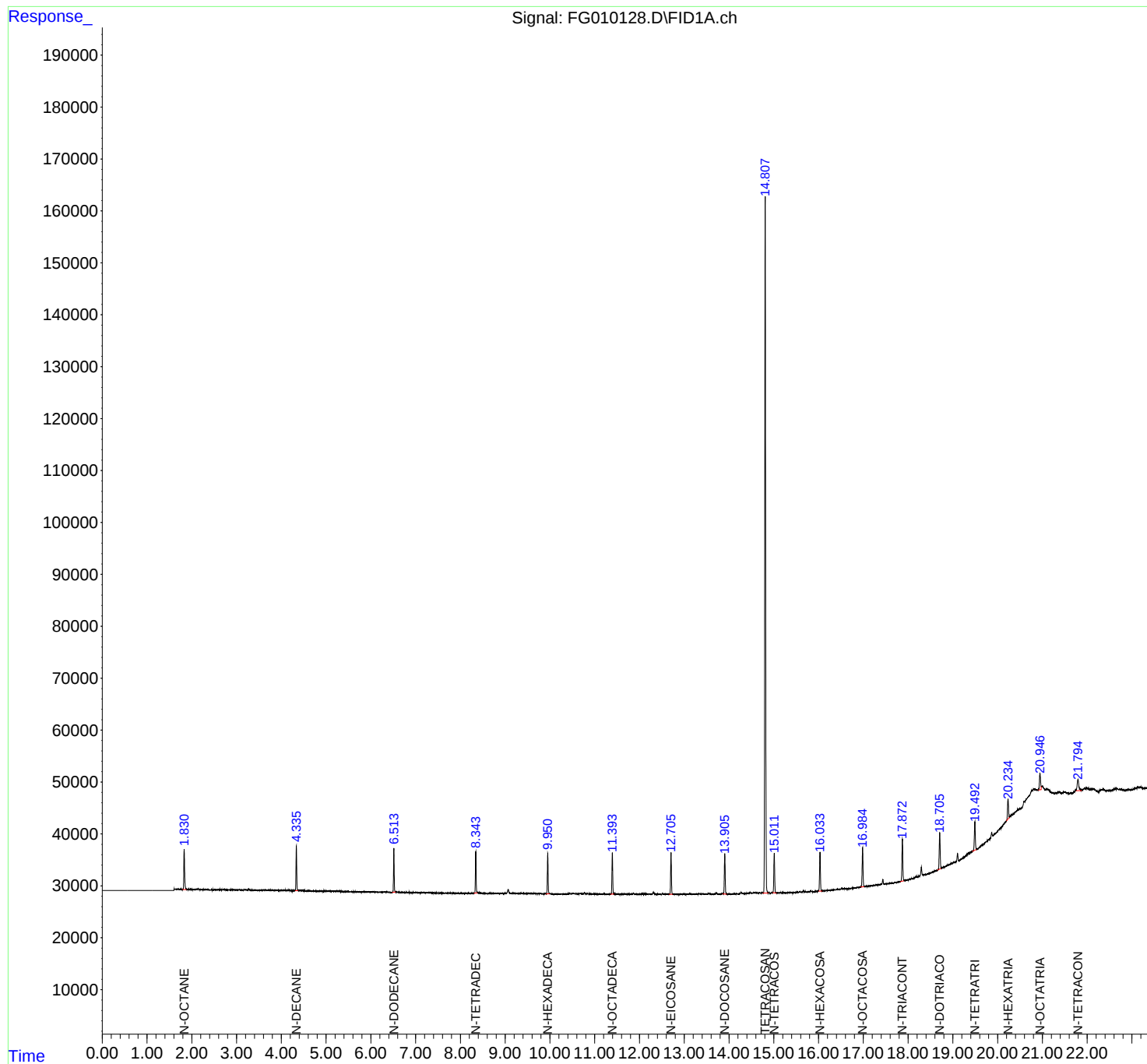
(f)=RT Delta > 1/2 Window

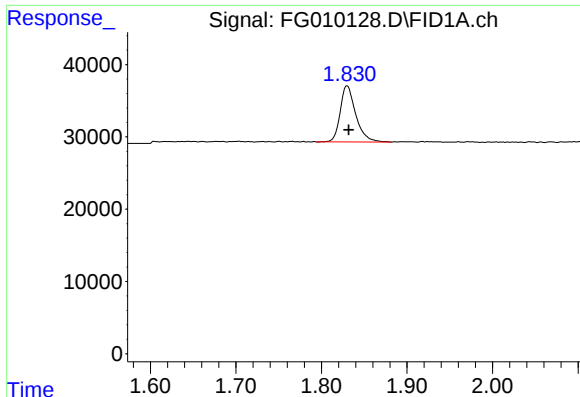
(m)=manual int.

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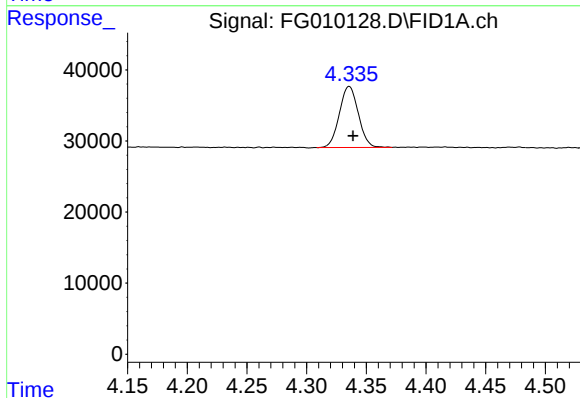
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Signal Info : 20mx0.18mmx0.18um





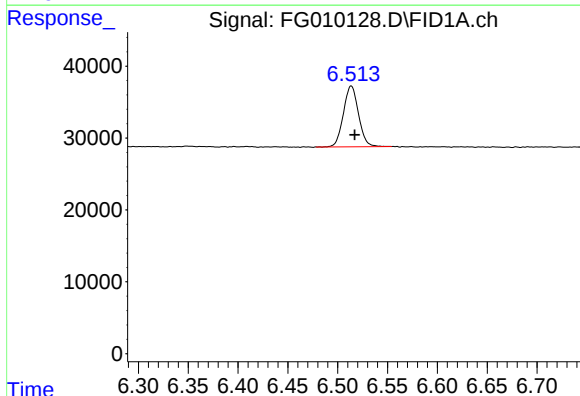
#1 N-OCTANE

R.T.: 1.830 min  
Delta R.T.: -0.002 min  
Response: 98407  
Conc: 0.79 ug/ml



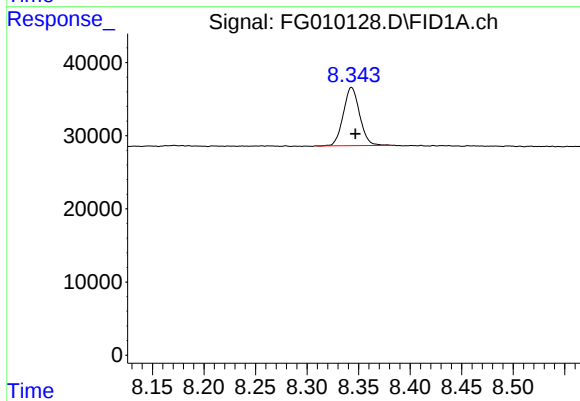
#2 N-DECANE

R.T.: 4.336 min  
Delta R.T.: -0.003 min  
Response: 95038  
Conc: 0.75 ug/ml



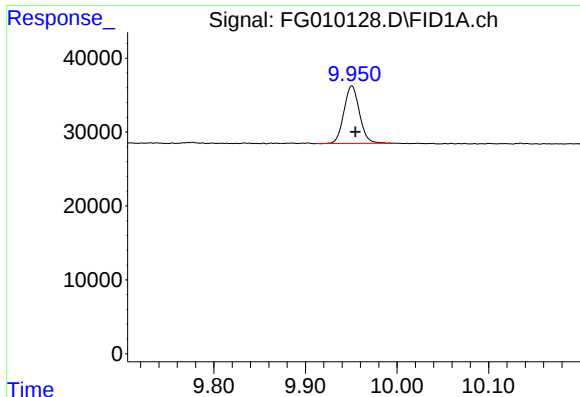
#3 N-DODECANE

R.T.: 6.514 min  
Delta R.T.: -0.004 min  
Response: 89221  
Conc: 0.69 ug/ml



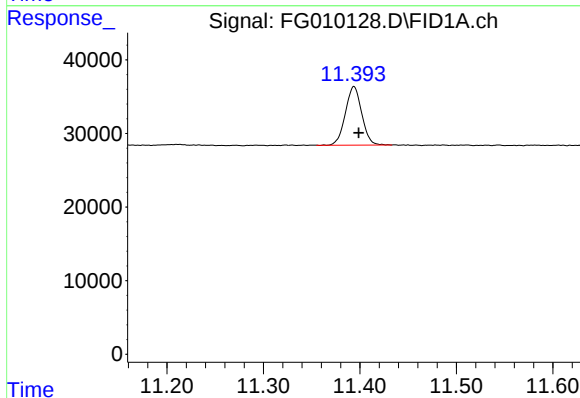
#4 N-TETRADECANE

R.T.: 8.343 min  
Delta R.T.: -0.004 min  
Response: 88050  
Conc: 0.67 ug/ml



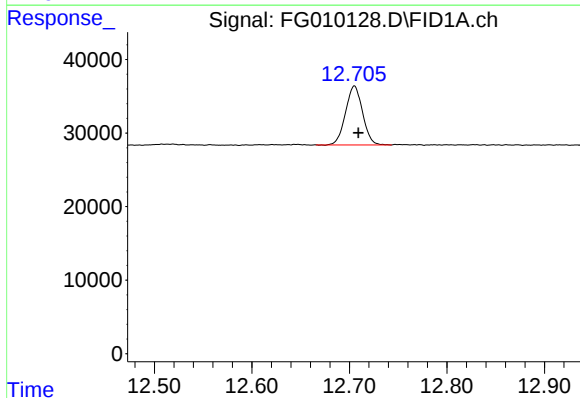
#5 N-HEXADECANE

R.T.: 9.951 min  
Delta R.T.: -0.004 min  
Response: 91946  
Conc: 0.69 ug/ml



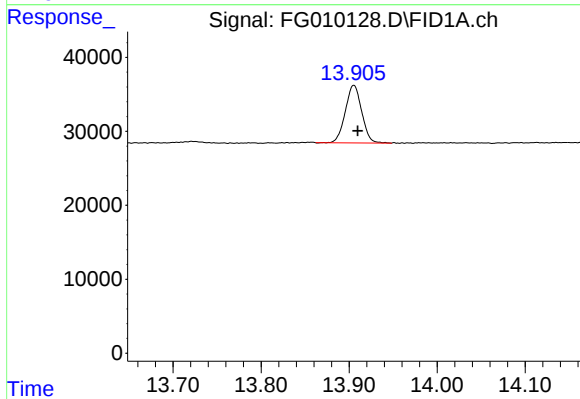
#6 N-OCTADECANE

R.T.: 11.394 min  
Delta R.T.: -0.005 min  
Response: 93741  
Conc: 0.69 ug/ml



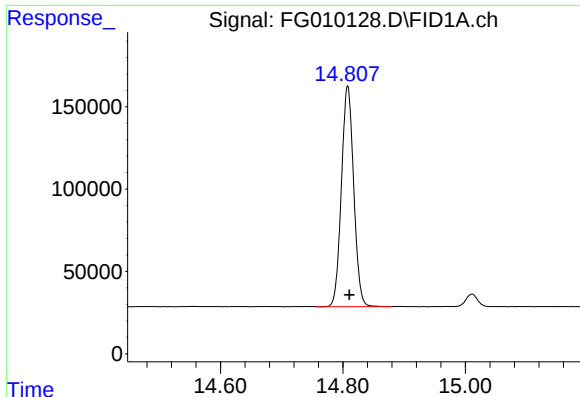
#7 N-EICOSANE

R.T.: 12.705 min  
Delta R.T.: -0.004 min  
Response: 97657  
Conc: 0.73 ug/ml



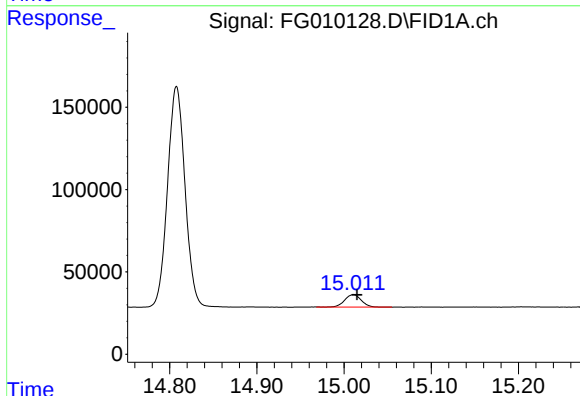
#8 N-DOCOSANE

R.T.: 13.905 min  
Delta R.T.: -0.004 min  
Response: 100682  
Conc: 0.75 ug/ml



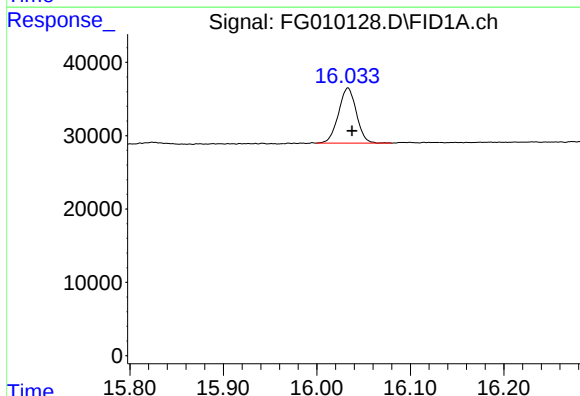
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.808 min  
Delta R.T.: -0.003 min  
Response: 1866521  
Conc: 15.70 ug/ml



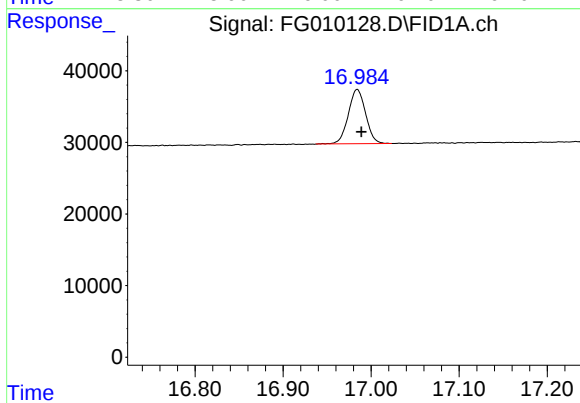
#10 N-TETRACOSANE

R.T.: 15.011 min  
Delta R.T.: -0.004 min  
Response: 99711  
Conc: 0.75 ug/ml



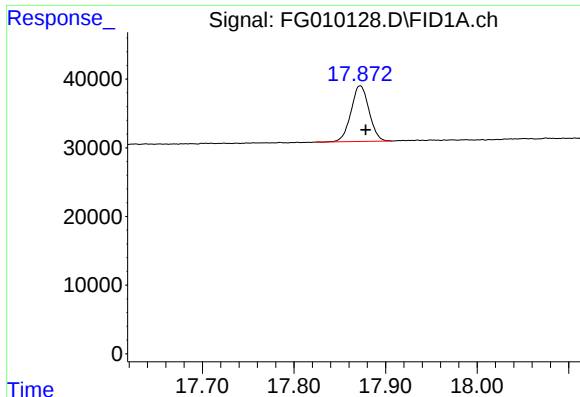
#11 N-HEXACOSANE

R.T.: 16.033 min  
Delta R.T.: -0.004 min  
Response: 100222  
Conc: 0.76 ug/ml



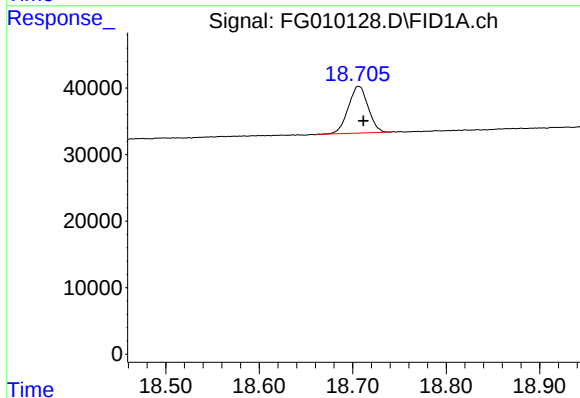
#12 N-OCTACOSANE

R.T.: 16.984 min  
Delta R.T.: -0.005 min  
Response: 103548  
Conc: 0.81 ug/ml



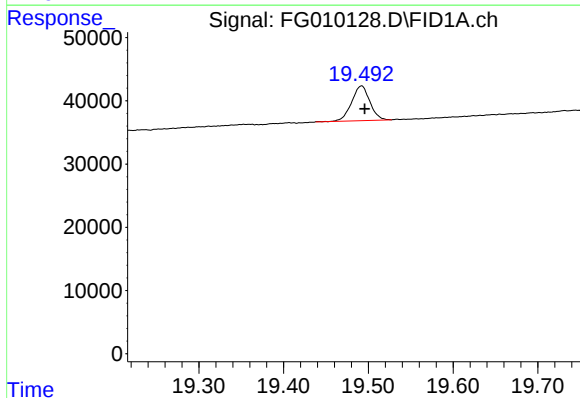
#13 N-TRIACONTANE

R.T.: 17.872 min  
Delta R.T.: -0.006 min  
Response: 110936  
Conc: 0.88 ug/ml



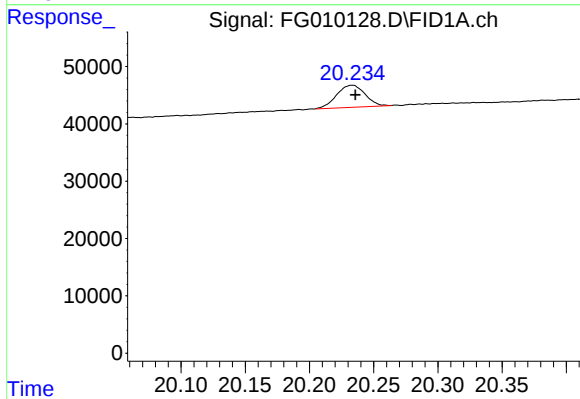
#14 N-DOTRIACONTANE

R.T.: 18.706 min  
Delta R.T.: -0.005 min  
Response: 103409  
Conc: 0.87 ug/ml



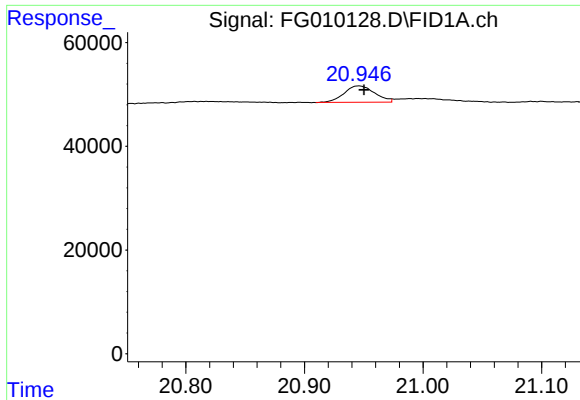
#15 N-TETRATRIACONTANE

R.T.: 19.492 min  
Delta R.T.: -0.004 min  
Response: 81963  
Conc: 0.77 ug/ml



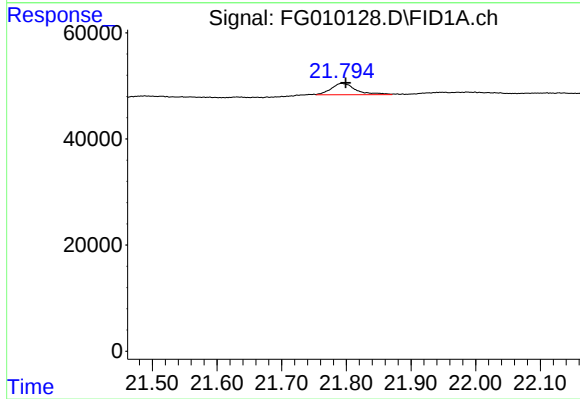
#16 N-HEXATRIACONTANE

R.T.: 20.234 min  
Delta R.T.: -0.002 min  
Response: 59696  
Conc: 0.67 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.946 min  
Delta R.T.: -0.004 min  
Response: 57173  
Conc: 0.73 ug/ml m



#18 N-TETRACONTANE

R.T.: 21.794 min  
Delta R.T.: -0.005 min  
Response: 57076  
Conc: 0.73 ug/ml m