

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040721\  
 Data File : FE033512.D  
 Signal(s) : FID1B.CH  
 Acq On : 07 Apr 2021 11:52  
 Operator : DD\AJ  
 Sample : M1458-03  
 Misc : MDL-SOIL-1 PPM  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 08 01:25:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE040521.M  
 Quant Title :  
 QLast Update : Tue Apr 06 01:29:58 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.733 | 7431244  | 18.909 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.430  | 365341   | 0.858 ug/ml  |
| 2) N-DECANE                   | 4.476  | 404499   | 0.914 ug/ml  |
| 3) N-DODECANE                 | 6.487  | 407723   | 0.915 ug/ml  |
| 4) N-TETRADECANE              | 8.280  | 415585   | 0.914 ug/ml  |
| 5) N-HEXADECANE               | 9.880  | 413247   | 0.913 ug/ml  |
| 6) N-OCTADECANE               | 11.321 | 414075   | 0.906 ug/ml  |
| 7) N-EICOSANE                 | 12.629 | 410457   | 0.904 ug/ml  |
| 8) N-DOCOSANE                 | 13.827 | 406240   | 0.901 ug/ml  |
| 10) N-TETRACOSANE             | 14.931 | 412015   | 0.916 ug/ml  |
| 11) N-HEXACOSANE              | 15.951 | 422318   | 0.953 ug/ml  |
| 12) N-OCTACOSANE              | 16.902 | 580089   | 1.312 ug/ml  |
| 13) N-TRIACONTANE             | 17.789 | 929269   | 2.122 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.621 | 1015242  | 2.323 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.406 | 799886   | 1.954 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.146 | 585460   | 1.580 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.890 | 437845   | 1.271 ug/ml  |
| 18) N-TETRACONTANE            | 21.816 | 330661   | 1.025 ug/mlm |
| -----                         |        |          |              |

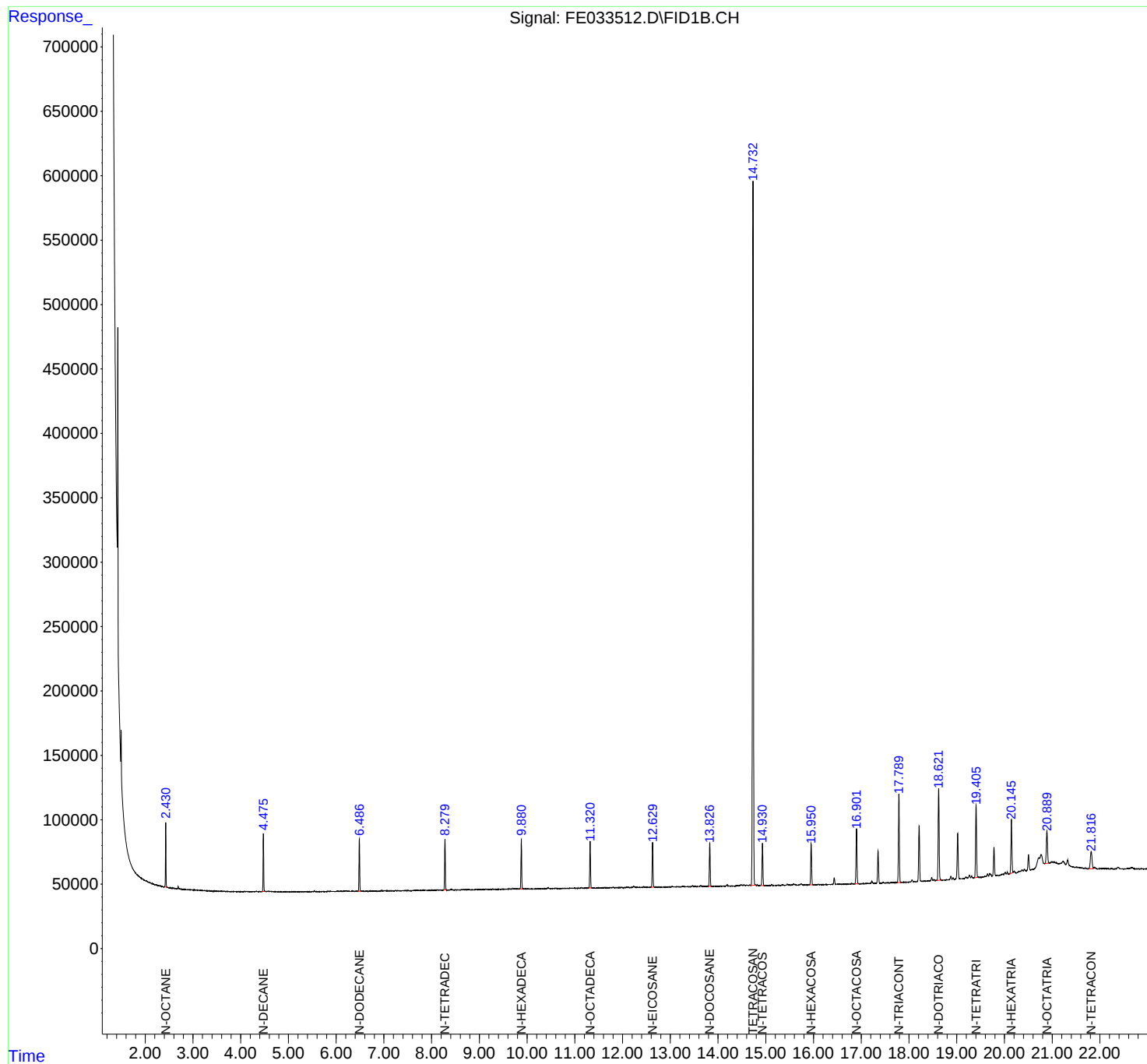
(f)=RT Delta > 1/2 Window

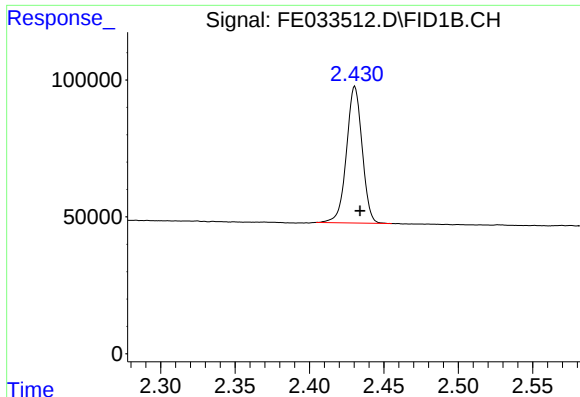
(m)=manual int.

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Sample : M1458-03  
Misc : MDL-SOIL-1 PPM  
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
Quant Time: Apr 08 01:25:59 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE040521.M  
Quant Title :  
QLast Update : Tue Apr 06 01:29:58 2021  
Response via : Initial Calibration  
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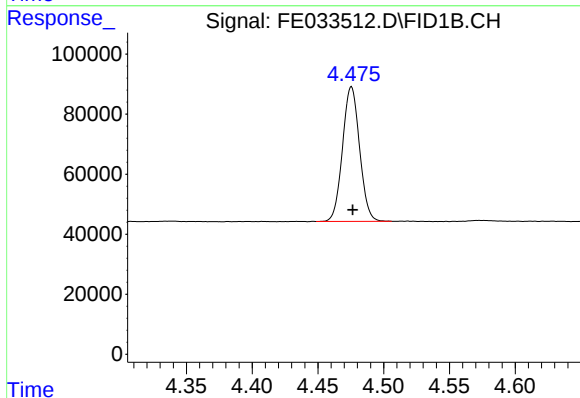
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





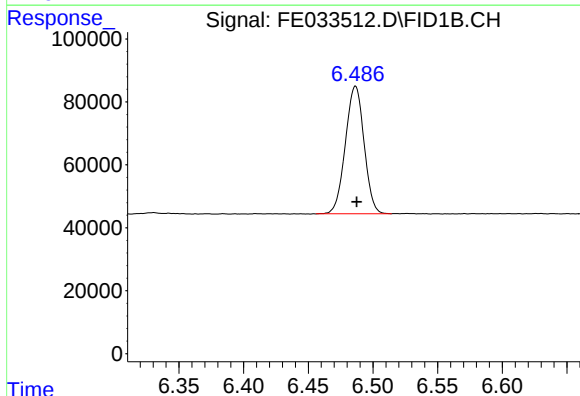
#1 N-OCTANE

R.T.: 2.430 min  
Delta R.T.: -0.004 min  
Response: 365341  
Conc: 0.86 ug/ml



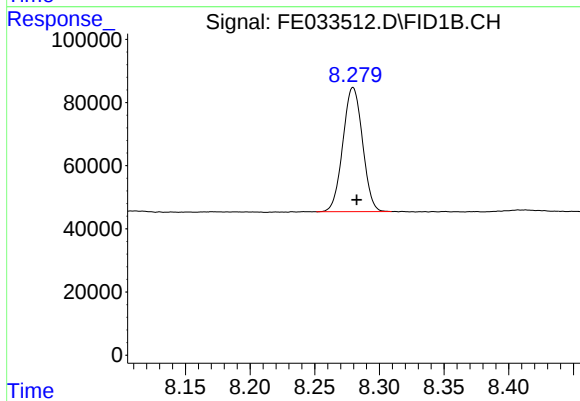
#2 N-DECANE

R.T.: 4.476 min  
Delta R.T.: 0.000 min  
Response: 404499  
Conc: 0.91 ug/ml



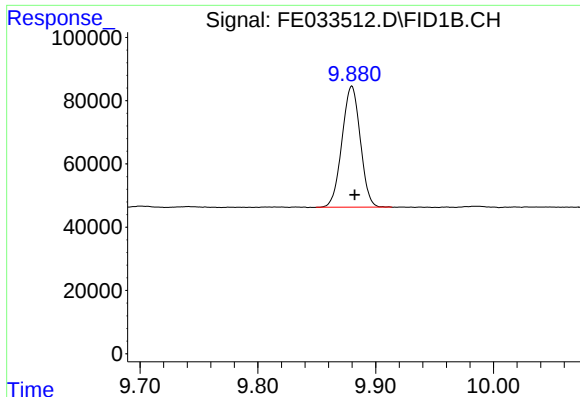
#3 N-DODECANE

R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 407723  
Conc: 0.91 ug/ml



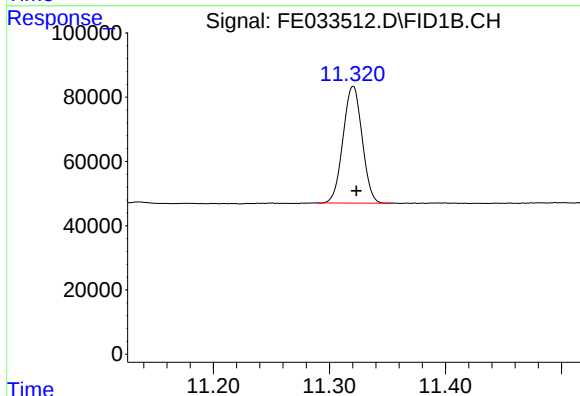
#4 N-TETRADECANE

R.T.: 8.280 min  
Delta R.T.: -0.003 min  
Response: 415585  
Conc: 0.91 ug/ml



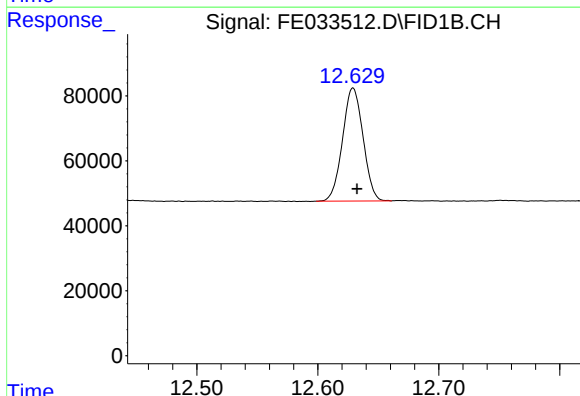
#5 N-HEXADECANE

R.T.: 9.880 min  
Delta R.T.: -0.002 min  
Response: 413247  
Conc: 0.91 ug/ml



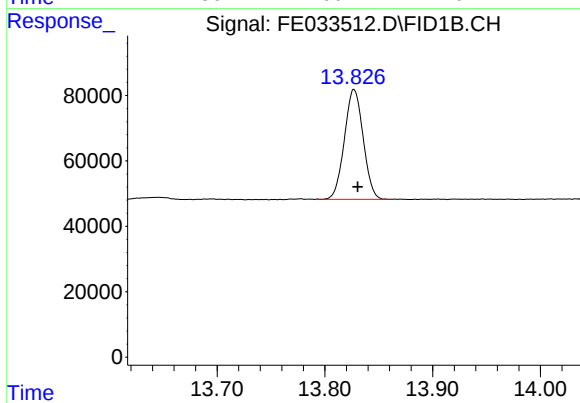
#6 N-OCTADECANE

R.T.: 11.321 min  
Delta R.T.: -0.003 min  
Response: 414075  
Conc: 0.91 ug/ml



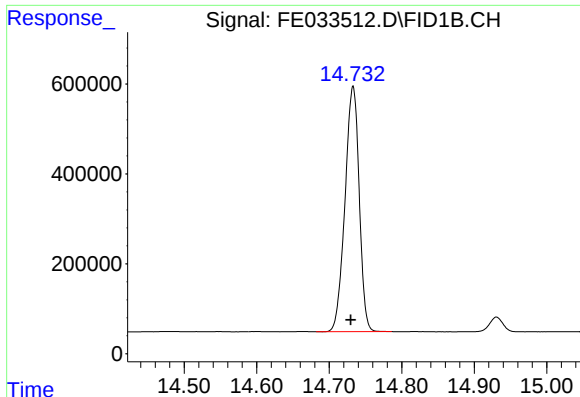
#7 N-EICOSANE

R.T.: 12.629 min  
Delta R.T.: -0.003 min  
Response: 410457  
Conc: 0.90 ug/ml



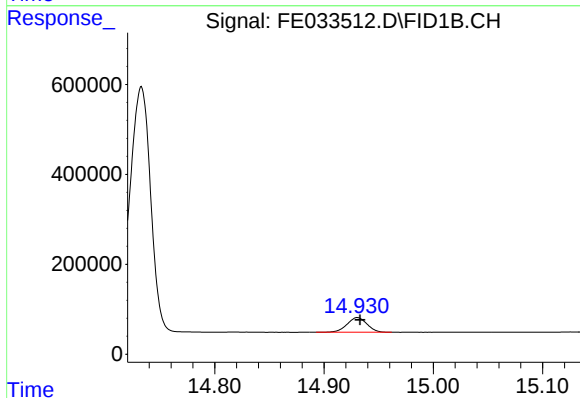
#8 N-DOCOSANE

R.T.: 13.827 min  
Delta R.T.: -0.004 min  
Response: 406240  
Conc: 0.90 ug/ml



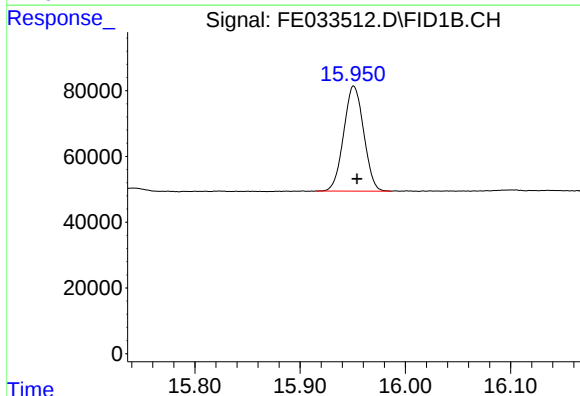
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.733 min  
Delta R.T.: 0.003 min  
Response: 7431244  
Conc: 18.91 ug/ml



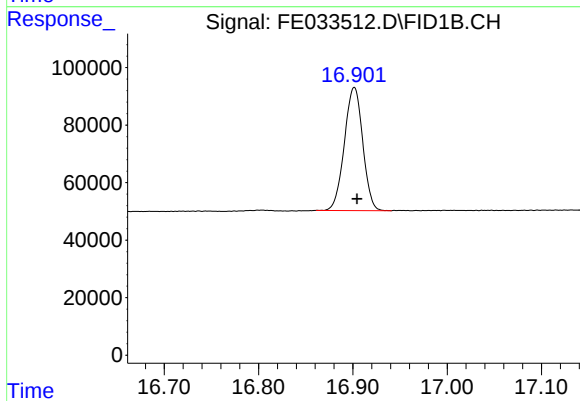
#10 N-TETRACOSANE

R.T.: 14.931 min  
Delta R.T.: -0.002 min  
Response: 412015  
Conc: 0.92 ug/ml



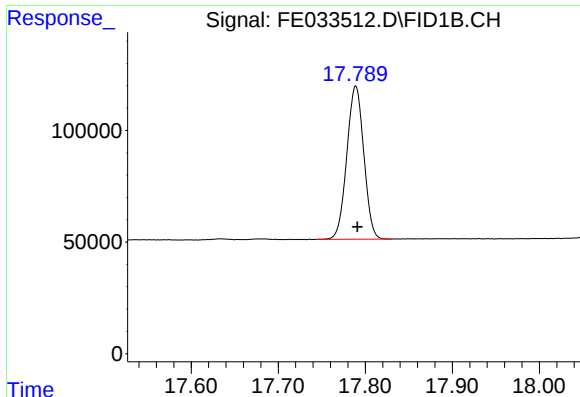
#11 N-HEXACOSANE

R.T.: 15.951 min  
Delta R.T.: -0.003 min  
Response: 422318  
Conc: 0.95 ug/ml



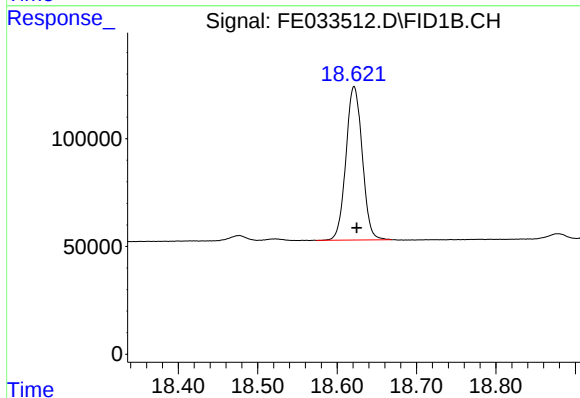
#12 N-OCTACOSANE

R.T.: 16.902 min  
Delta R.T.: -0.003 min  
Response: 580089  
Conc: 1.31 ug/ml



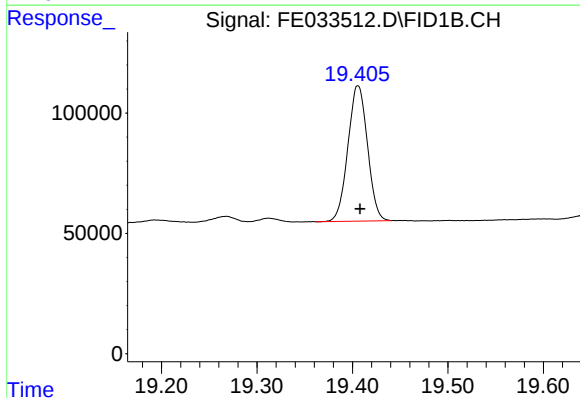
#13 N-TRIACONTANE

R.T.: 17.789 min  
Delta R.T.: -0.002 min  
Response: 929269  
Conc: 2.12 ug/ml



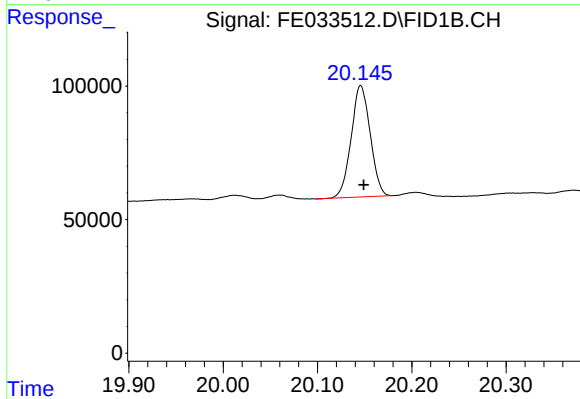
#14 N-DOTRIACONTANE

R.T.: 18.621 min  
Delta R.T.: -0.003 min  
Response: 1015242  
Conc: 2.32 ug/ml



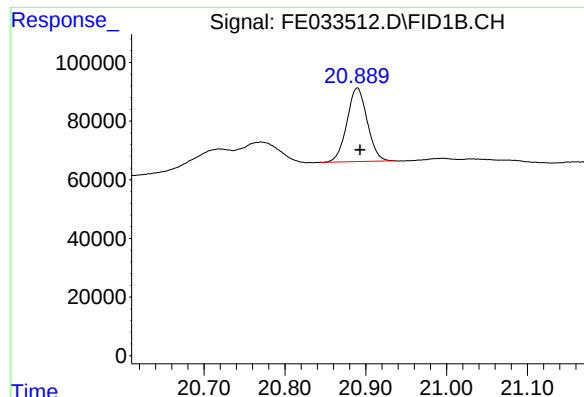
#15 N-TETRATRIACONTANE

R.T.: 19.406 min  
Delta R.T.: -0.002 min  
Response: 799886  
Conc: 1.95 ug/ml



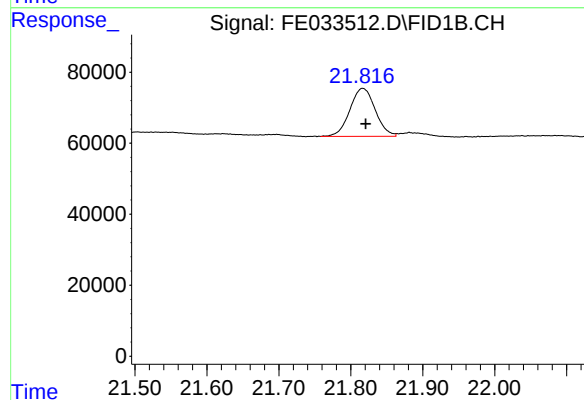
#16 N-HEXATRIACONTANE

R.T.: 20.146 min  
Delta R.T.: -0.003 min  
Response: 585460  
Conc: 1.58 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.890 min  
Delta R.T.: -0.004 min  
Response: 437845  
Conc: 1.27 ug/ml



#18 N-TETRACONTANE

R.T.: 21.816 min  
Delta R.T.: -0.005 min  
Response: 330661  
Conc: 1.03 ug/ml m