

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071822\  
 Data File : FG010162.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Jul 2022 16:33  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 19 01:50:16 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... | 14.818 | 4959941  | 41.713 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.828  | 5313279  | 42.736 ug/ml |
| 2) N-DECANE                   | 4.339  | 5491089  | 43.194 ug/ml |
| 3) N-DODECANE                 | 6.519  | 5576050  | 43.140 ug/ml |
| 4) N-TETRADECANE              | 8.350  | 5671653  | 43.014 ug/ml |
| 5) N-HEXADECANE               | 9.958  | 5706810  | 42.786 ug/ml |
| 6) N-OCTADECANE               | 11.402 | 5767130  | 42.651 ug/ml |
| 7) N-EICOSANE                 | 12.714 | 5674026  | 42.358 ug/ml |
| 8) N-DOCOSANE                 | 13.915 | 5629046  | 42.071 ug/ml |
| 10) N-TETRACOSANE             | 15.021 | 5529446  | 41.720 ug/ml |
| 11) N-HEXACOSANE              | 16.044 | 5397514  | 41.165 ug/ml |
| 12) N-OCTACOSANE              | 16.995 | 5252934  | 40.899 ug/ml |
| 13) N-TRIACONTANE             | 17.883 | 5151742  | 40.943 ug/ml |
| 14) N-DOTRIACONTANE           | 18.718 | 4910317  | 41.509 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.501 | 4594970  | 43.240 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.242 | 4266329  | 47.918 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.959 | 4072007  | 52.290 ug/ml |
| 18) N-TETRACONTANE            | 21.811 | 4166228  | 53.168 ug/ml |
| -----                         |        |          |              |

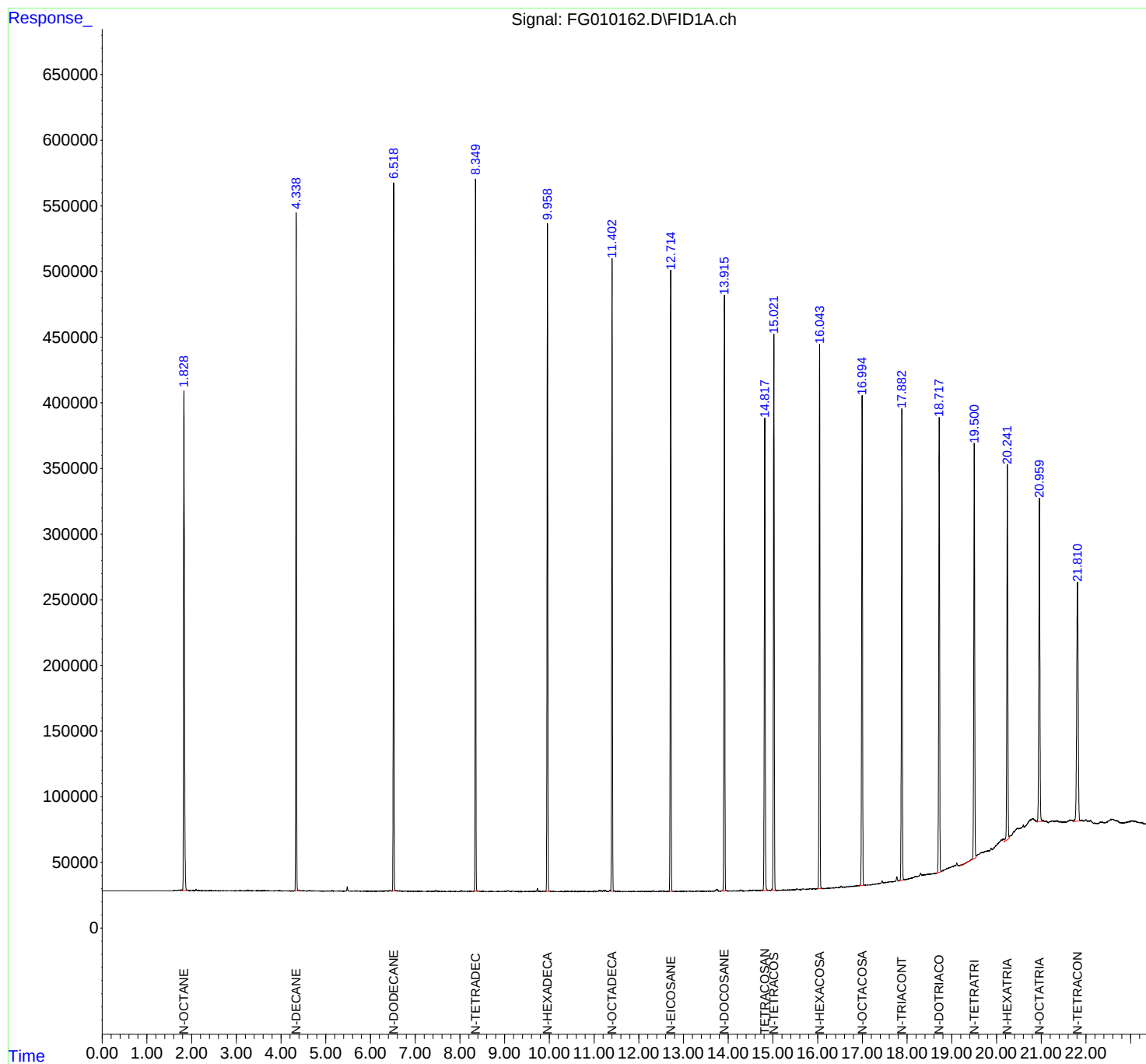
(f)=RT Delta > 1/2 Window

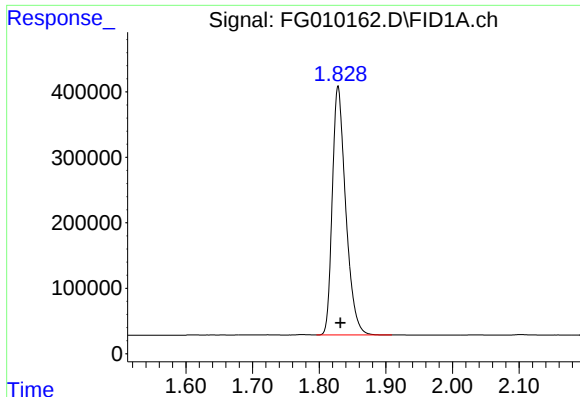
(m)=manual int.

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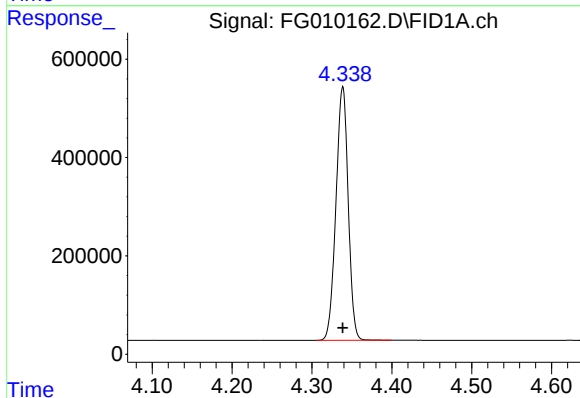
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





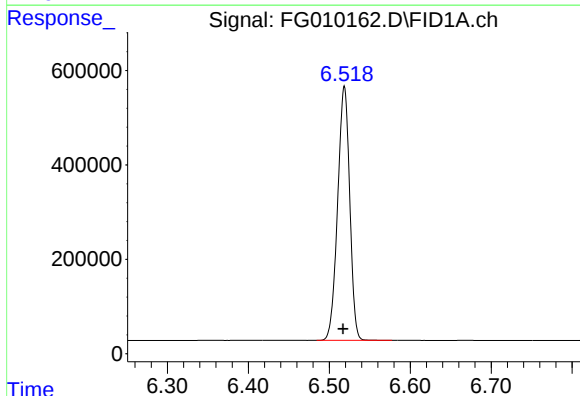
#1 N-OCTANE

R.T.: 1.828 min  
Delta R.T.: -0.004 min  
Response: 5313279  
Conc: 42.74 ug/ml



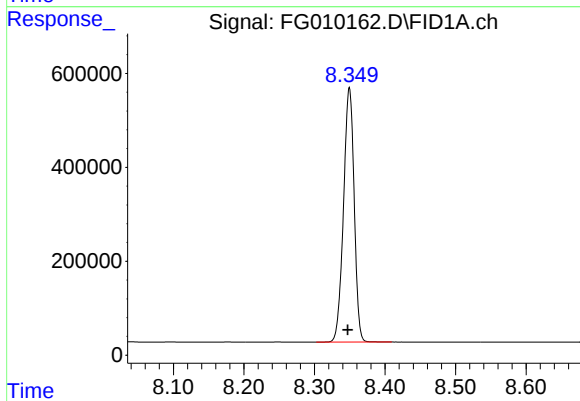
#2 N-DECANE

R.T.: 4.339 min  
Delta R.T.: 0.000 min  
Response: 5491089  
Conc: 43.19 ug/ml



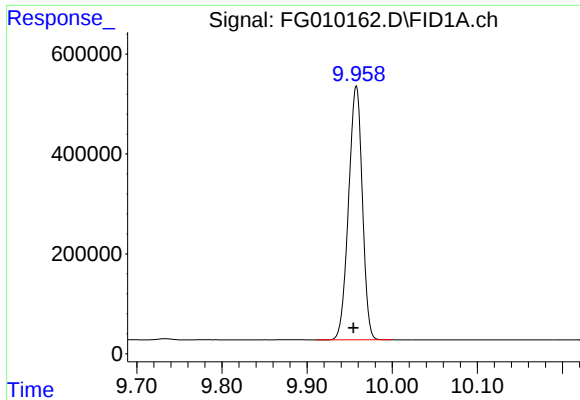
#3 N-DODECANE

R.T.: 6.519 min  
Delta R.T.: 0.001 min  
Response: 5576050  
Conc: 43.14 ug/ml



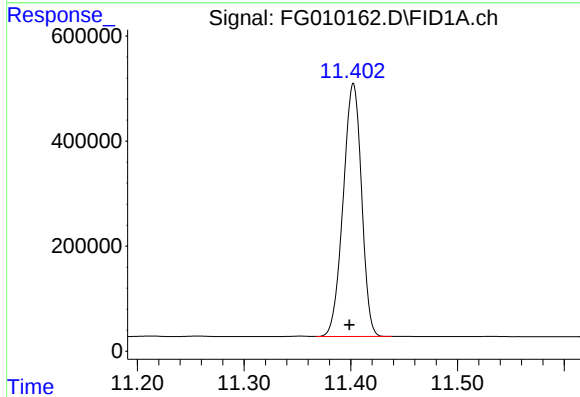
#4 N-TETRADECANE

R.T.: 8.350 min  
Delta R.T.: 0.003 min  
Response: 5671653  
Conc: 43.01 ug/ml



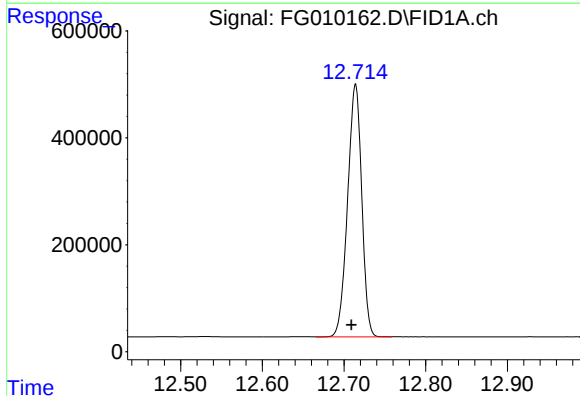
#5 N-HEXADECANE

R.T.: 9.958 min  
Delta R.T.: 0.003 min  
Response: 5706810  
Conc: 42.79 ug/ml



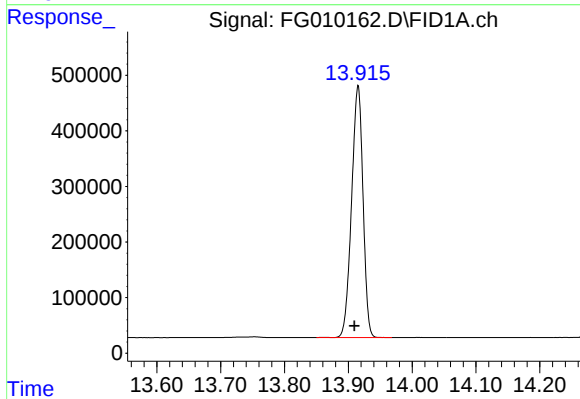
#6 N-OCTADECANE

R.T.: 11.402 min  
Delta R.T.: 0.004 min  
Response: 5767130  
Conc: 42.65 ug/ml



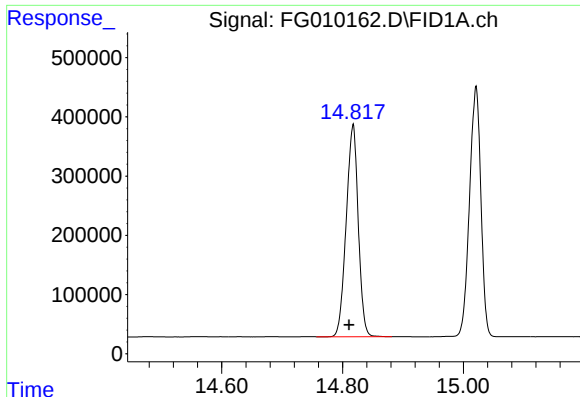
#7 N-EICOSANE

R.T.: 12.714 min  
Delta R.T.: 0.005 min  
Response: 5674026  
Conc: 42.36 ug/ml



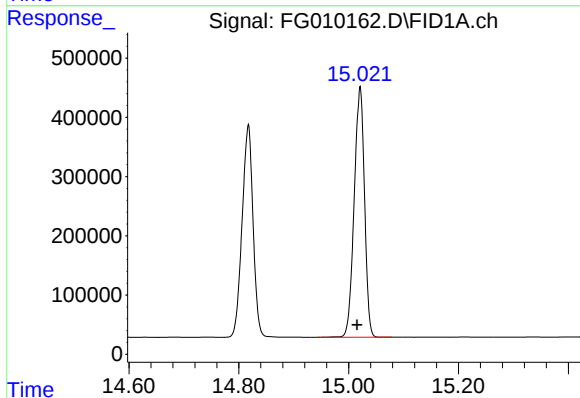
#8 N-DOCOSANE

R.T.: 13.915 min  
Delta R.T.: 0.006 min  
Response: 5629046  
Conc: 42.07 ug/ml



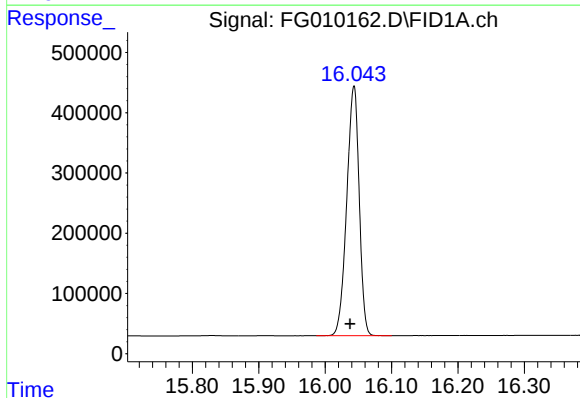
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.818 min  
Delta R.T.: 0.007 min  
Response: 4959941  
Conc: 41.71 ug/ml



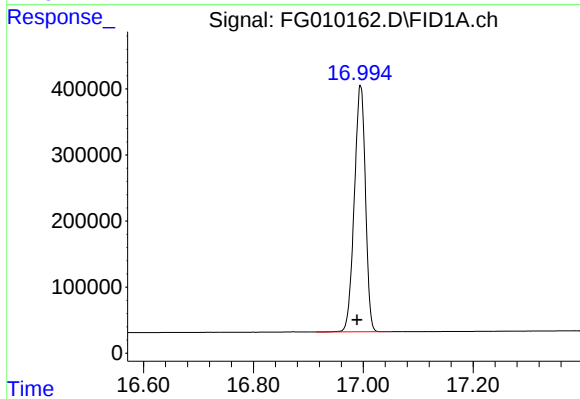
#10 N-TETRACOSANE

R.T.: 15.021 min  
Delta R.T.: 0.006 min  
Response: 5529446  
Conc: 41.72 ug/ml



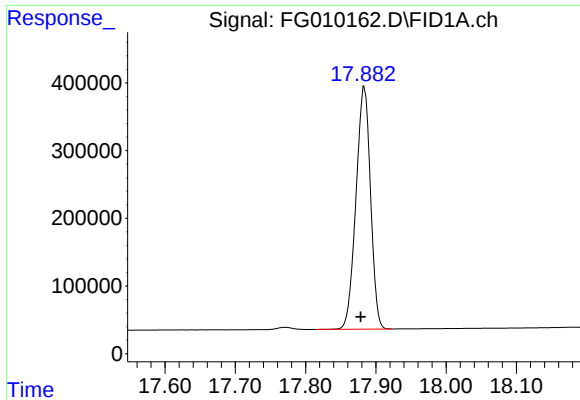
#11 N-HEXACOSANE

R.T.: 16.044 min  
Delta R.T.: 0.006 min  
Response: 5397514  
Conc: 41.17 ug/ml



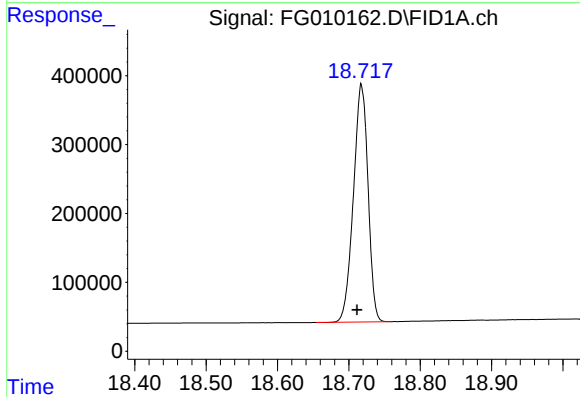
#12 N-OCTACOSANE

R.T.: 16.995 min  
Delta R.T.: 0.006 min  
Response: 5252934  
Conc: 40.90 ug/ml



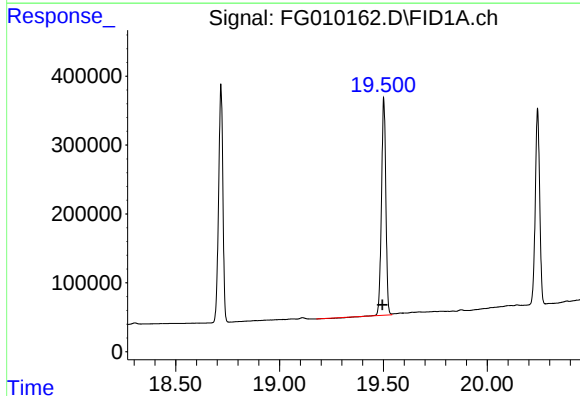
#13 N-TRIACONTANE

R.T.: 17.883 min  
Delta R.T.: 0.005 min  
Response: 5151742  
Conc: 40.94 ug/ml



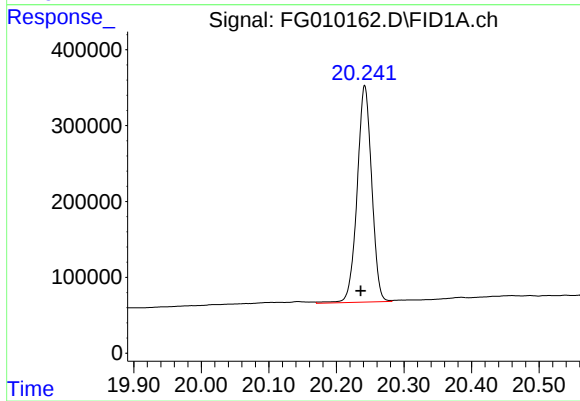
#14 N-DOTRIACONTANE

R.T.: 18.718 min  
Delta R.T.: 0.006 min  
Response: 4910317  
Conc: 41.51 ug/ml



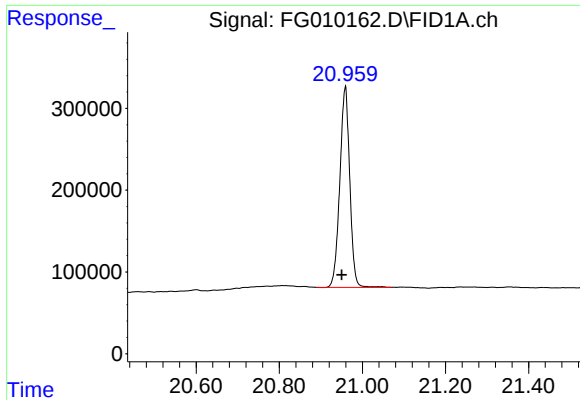
#15 N-TETRATRIACONTANE

R.T.: 19.501 min  
Delta R.T.: 0.006 min  
Response: 4594970  
Conc: 43.24 ug/ml



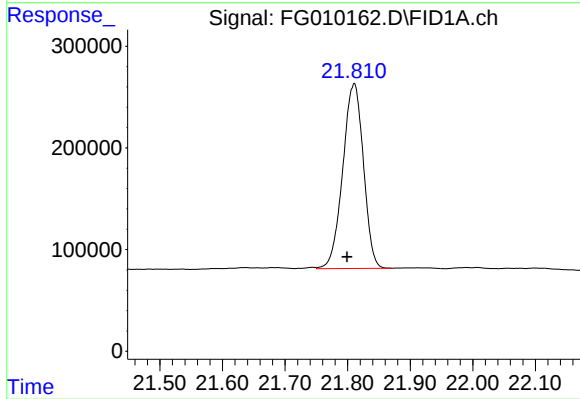
#16 N-HEXATRIACONTANE

R.T.: 20.242 min  
Delta R.T.: 0.006 min  
Response: 4266329  
Conc: 47.92 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.959 min  
Delta R.T.: 0.009 min  
Response: 4072007  
Conc: 52.29 ug/ml



#18 N-TETRACONTANE

R.T.: 21.811 min  
Delta R.T.: 0.012 min  
Response: 4166228  
Conc: 53.17 ug/ml