

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032219\  
 Data File : FG004340.D  
 Signal(s) : FID1A.ch  
 Acq On : 22 Mar 2019 17:58  
 Operator : AJ\SJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 22 23:53:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG030419.M  
 Quant Title :  
 QLast Update : Tue Mar 05 03:05:54 2019  
 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... | 14.431 | 6097258  | 48.499 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.076  | 6911824  | 52.589 ug/ml |
| 2) N-DECANE                   | 4.159  | 7515613  | 56.213 ug/ml |
| 3) N-DODECANE                 | 6.183  | 7525157  | 55.509 ug/ml |
| 4) N-TETRADECANE              | 7.978  | 7505627  | 53.825 ug/ml |
| 5) N-HEXADECANE               | 9.579  | 7408537  | 52.056 ug/ml |
| 6) N-OCTADECANE               | 11.021 | 7280921  | 50.747 ug/ml |
| 7) N-EICOSANE                 | 12.331 | 7093834  | 49.657 ug/ml |
| 8) N-DOCOSANE                 | 13.530 | 6921638  | 48.764 ug/ml |
| 10) N-TETRACOSANE             | 14.635 | 6871889  | 48.727 ug/ml |
| 11) N-HEXACOSANE              | 15.659 | 6818535  | 48.958 ug/ml |
| 12) N-OCTACOSANE              | 16.610 | 6980906  | 50.989 ug/ml |
| 13) N-TRIACONTANE             | 17.499 | 7248348  | 54.276 ug/ml |
| 14) N-DOTRIACONTANE           | 18.335 | 7286624  | 57.588 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.119 | 7238292  | 61.081 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.862 | 7328219  | 66.195 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.574 | 6444230  | 63.838 ug/ml |
| 18) N-TETRACONTANE            | 21.412 | 7199536  | 67.879 ug/ml |
| -----                         |        |          |              |

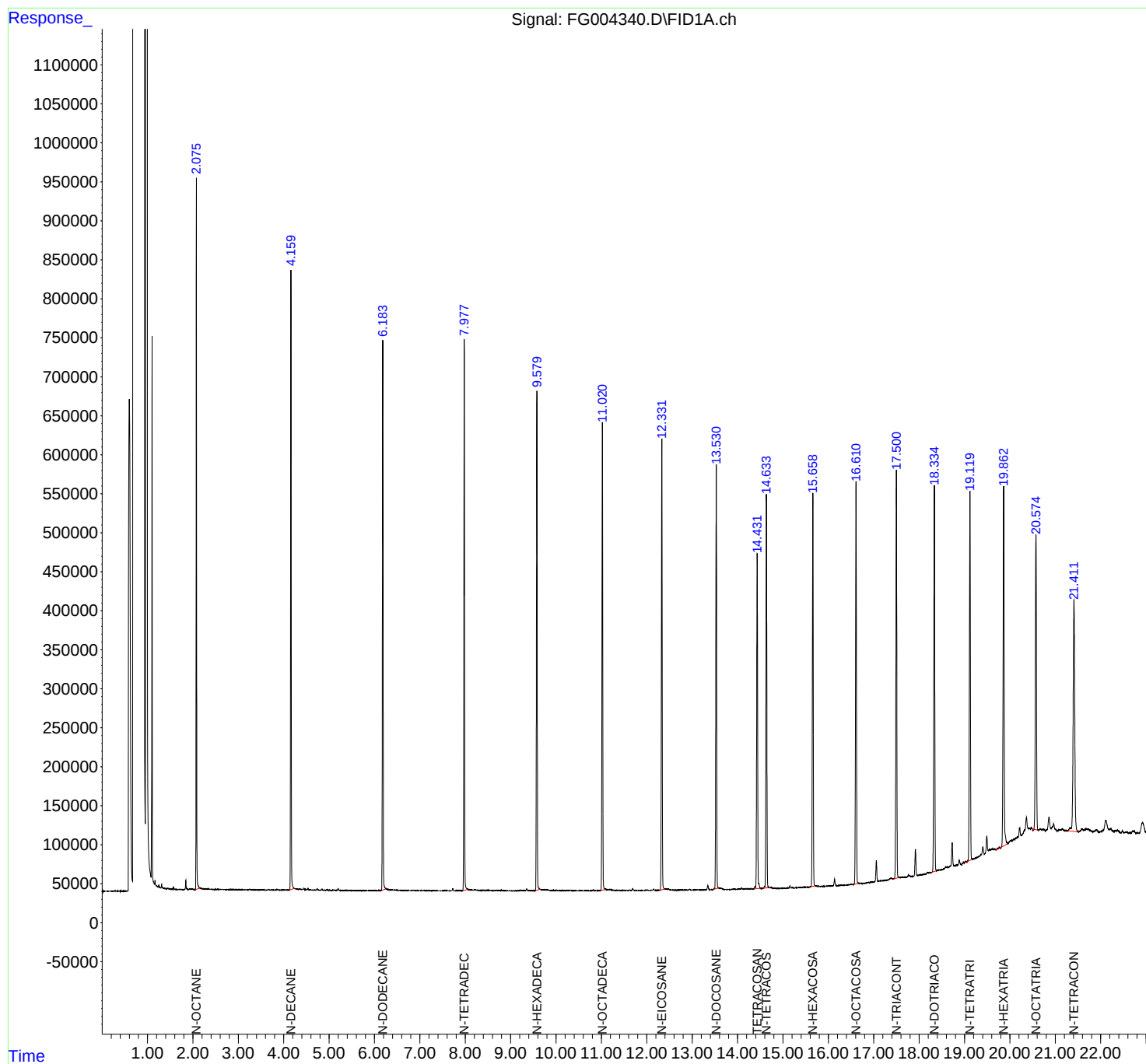
(f)=RT Delta > 1/2 Window

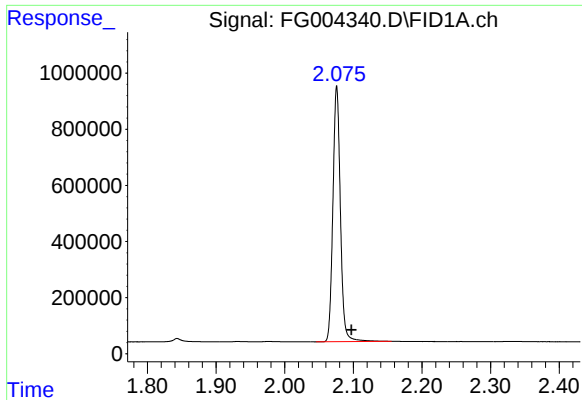
(m)=manual int.

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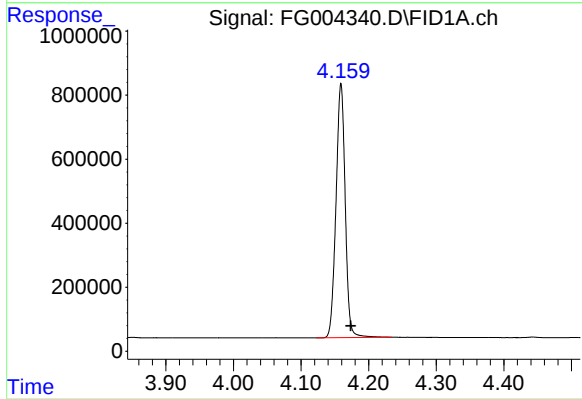
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





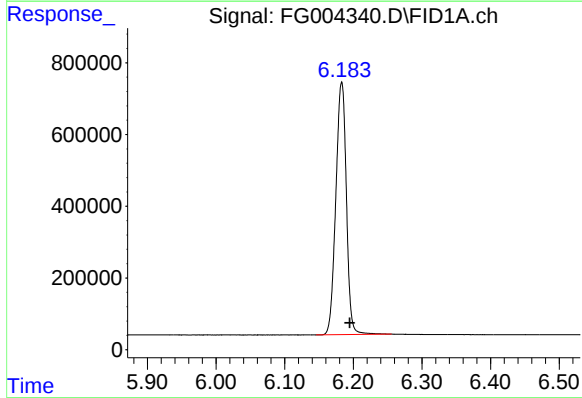
#1 N-OCTANE

R.T.: 2.076 min  
Delta R.T.: -0.021 min  
Response: 6911824  
Conc: 52.59 ug/ml



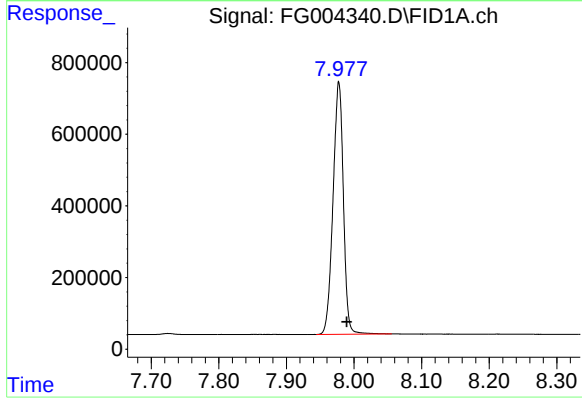
#2 N-DECANE

R.T.: 4.159 min  
Delta R.T.: -0.014 min  
Response: 7515613  
Conc: 56.21 ug/ml



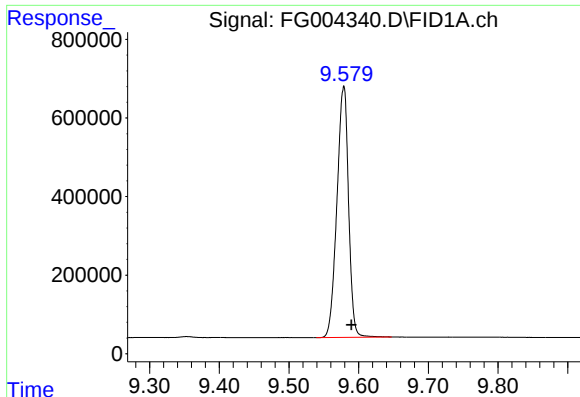
#3 N-DODECANE

R.T.: 6.183 min  
Delta R.T.: -0.012 min  
Response: 7525157  
Conc: 55.51 ug/ml



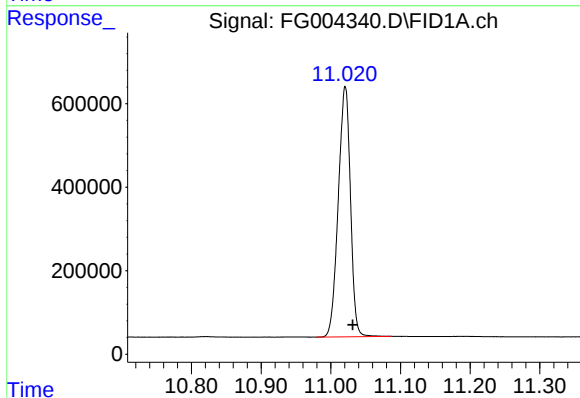
#4 N-TETRADECANE

R.T.: 7.978 min  
Delta R.T.: -0.012 min  
Response: 7505627  
Conc: 53.83 ug/ml



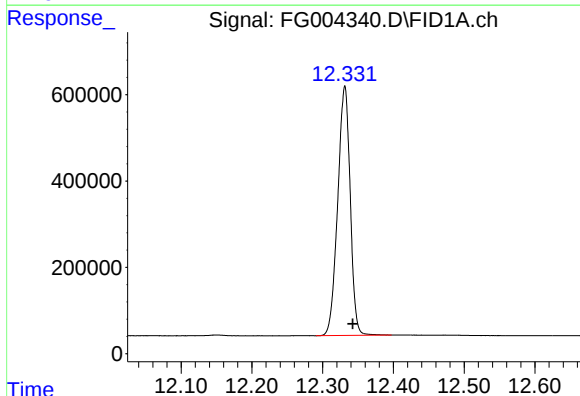
#5 N-HEXADECANE

R.T.: 9.579 min  
Delta R.T.: -0.011 min  
Response: 7408537  
Conc: 52.06 ug/ml



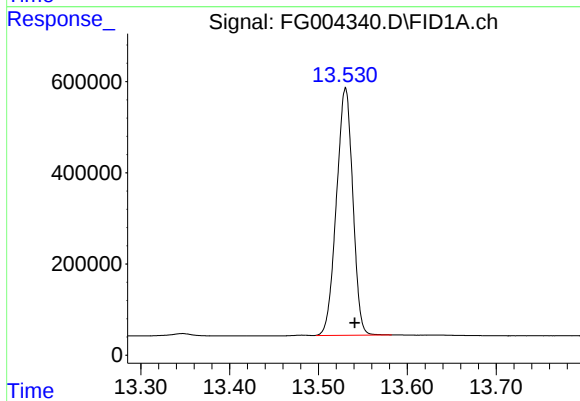
#6 N-OCTADECANE

R.T.: 11.021 min  
Delta R.T.: -0.011 min  
Response: 7280921  
Conc: 50.75 ug/ml



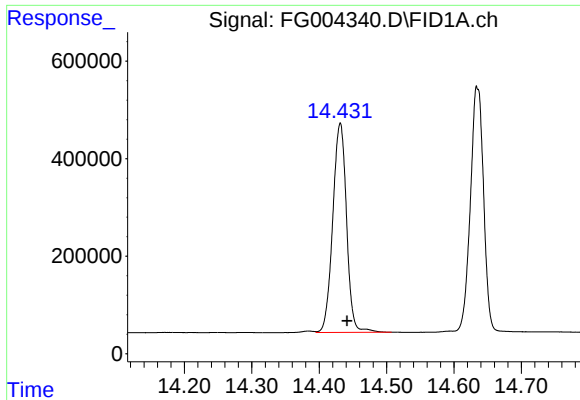
#7 N-EICOSANE

R.T.: 12.331 min  
Delta R.T.: -0.011 min  
Response: 7093834  
Conc: 49.66 ug/ml



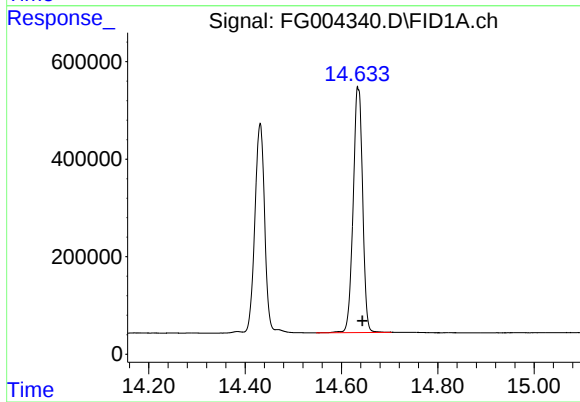
#8 N-DOCOSANE

R.T.: 13.530 min  
Delta R.T.: -0.011 min  
Response: 6921638  
Conc: 48.76 ug/ml



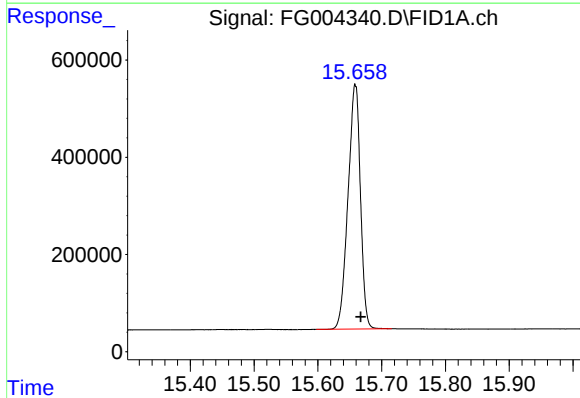
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.431 min  
Delta R.T.: -0.010 min  
Response: 6097258  
Conc: 48.50 ug/ml



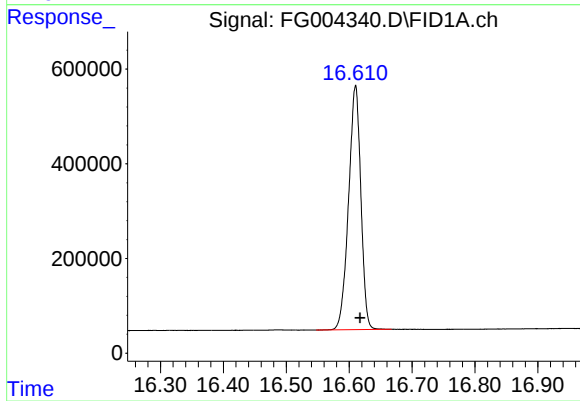
#10 N-TETRACOSANE

R.T.: 14.635 min  
Delta R.T.: -0.009 min  
Response: 6871889  
Conc: 48.73 ug/ml



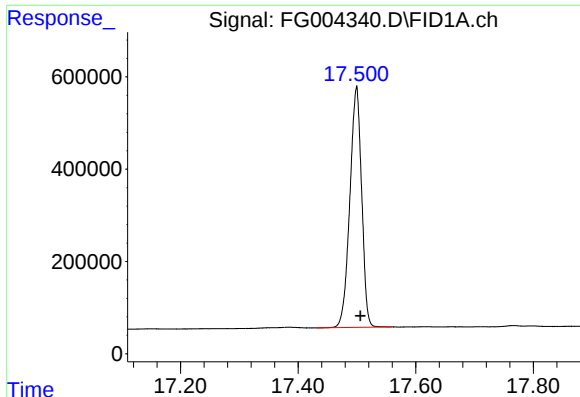
#11 N-HEXACOSANE

R.T.: 15.659 min  
Delta R.T.: -0.008 min  
Response: 6818535  
Conc: 48.96 ug/ml



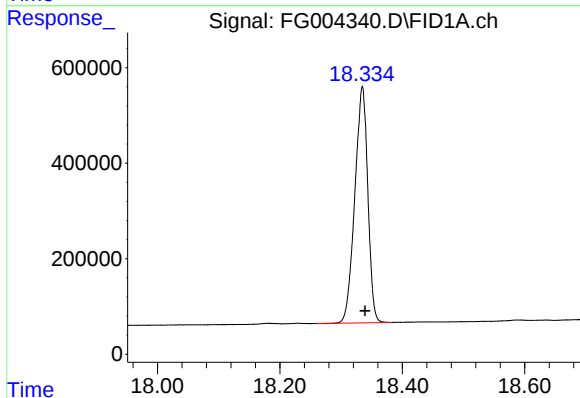
#12 N-OCTACOSANE

R.T.: 16.610 min  
Delta R.T.: -0.007 min  
Response: 6980906  
Conc: 50.99 ug/ml



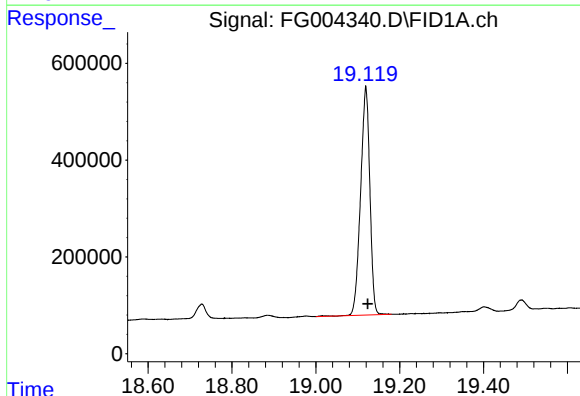
#13 N-TRIACONTANE

R.T.: 17.499 min  
Delta R.T.: -0.006 min  
Response: 7248348  
Conc: 54.28 ug/ml



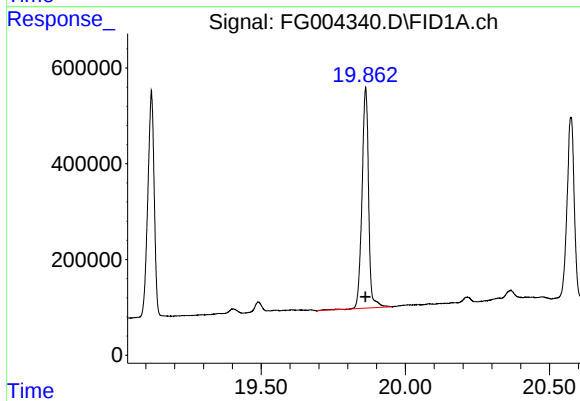
#14 N-DOTRIACONTANE

R.T.: 18.335 min  
Delta R.T.: -0.004 min  
Response: 7286624  
Conc: 57.59 ug/ml



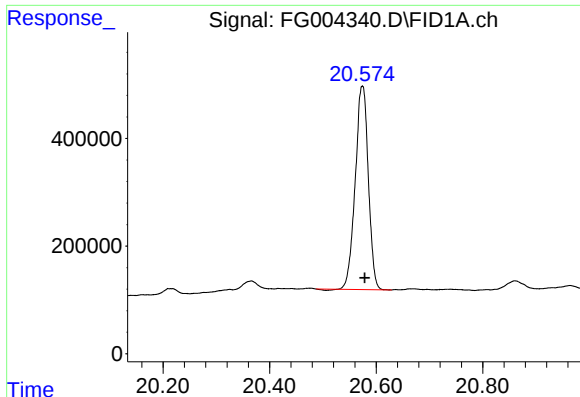
#15 N-TETRATRIACONTANE

R.T.: 19.119 min  
Delta R.T.: -0.004 min  
Response: 7238292  
Conc: 61.08 ug/ml



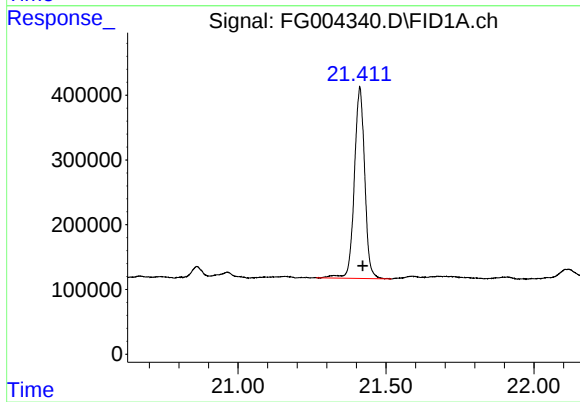
#16 N-HEXATRIACONTANE

R.T.: 19.862 min  
Delta R.T.: 0.000 min  
Response: 7328219  
Conc: 66.20 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.574 min  
Delta R.T.: -0.005 min  
Response: 6444230  
Conc: 63.84 ug/ml



#18 N-TETRACONTANE

R.T.: 21.412 min  
Delta R.T.: -0.010 min  
Response: 7199536  
Conc: 67.88 ug/ml