

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071122\  
 Data File : FE036451.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Jul 2022 17:00  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 12 01:06:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE062022.M  
 Quant Title :  
 QLast Update : Tue Jun 21 02:15:59 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... | 14.947 | 5896042  | 42.018 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.964  | 6927320  | 43.304 ug/ml |
| 2) N-DECANE                   | 4.499  | 7090982  | 43.573 ug/ml |
| 3) N-DODECANE                 | 6.670  | 7032199  | 43.178 ug/ml |
| 4) N-TETRADECANE              | 8.495  | 7014212  | 43.220 ug/ml |
| 5) N-HEXADECANE               | 10.102 | 6954858  | 42.889 ug/ml |
| 6) N-OCTADECANE               | 11.544 | 6942597  | 42.433 ug/ml |
| 7) N-EICOSANE                 | 12.852 | 6787319  | 42.300 ug/ml |
| 8) N-DOCOSANE                 | 14.050 | 6701047  | 42.138 ug/ml |
| 10) N-TETRACOSANE             | 15.151 | 6589807  | 42.159 ug/ml |
| 11) N-HEXACOSANE              | 16.169 | 6514036  | 42.416 ug/ml |
| 12) N-OCTACOSANE              | 17.119 | 6423518  | 42.697 ug/ml |
| 13) N-TRIACONTANE             | 18.007 | 6404209  | 43.142 ug/ml |
| 14) N-DOTRIACONTANE           | 18.839 | 6217958  | 44.073 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.621 | 5824078  | 45.276 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.360 | 5095017  | 45.762 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.082 | 4642855  | 47.339 ug/ml |
| 18) N-TETRACONTANE            | 21.966 | 4700757  | 48.009 ug/ml |
| -----                         |        |          |              |

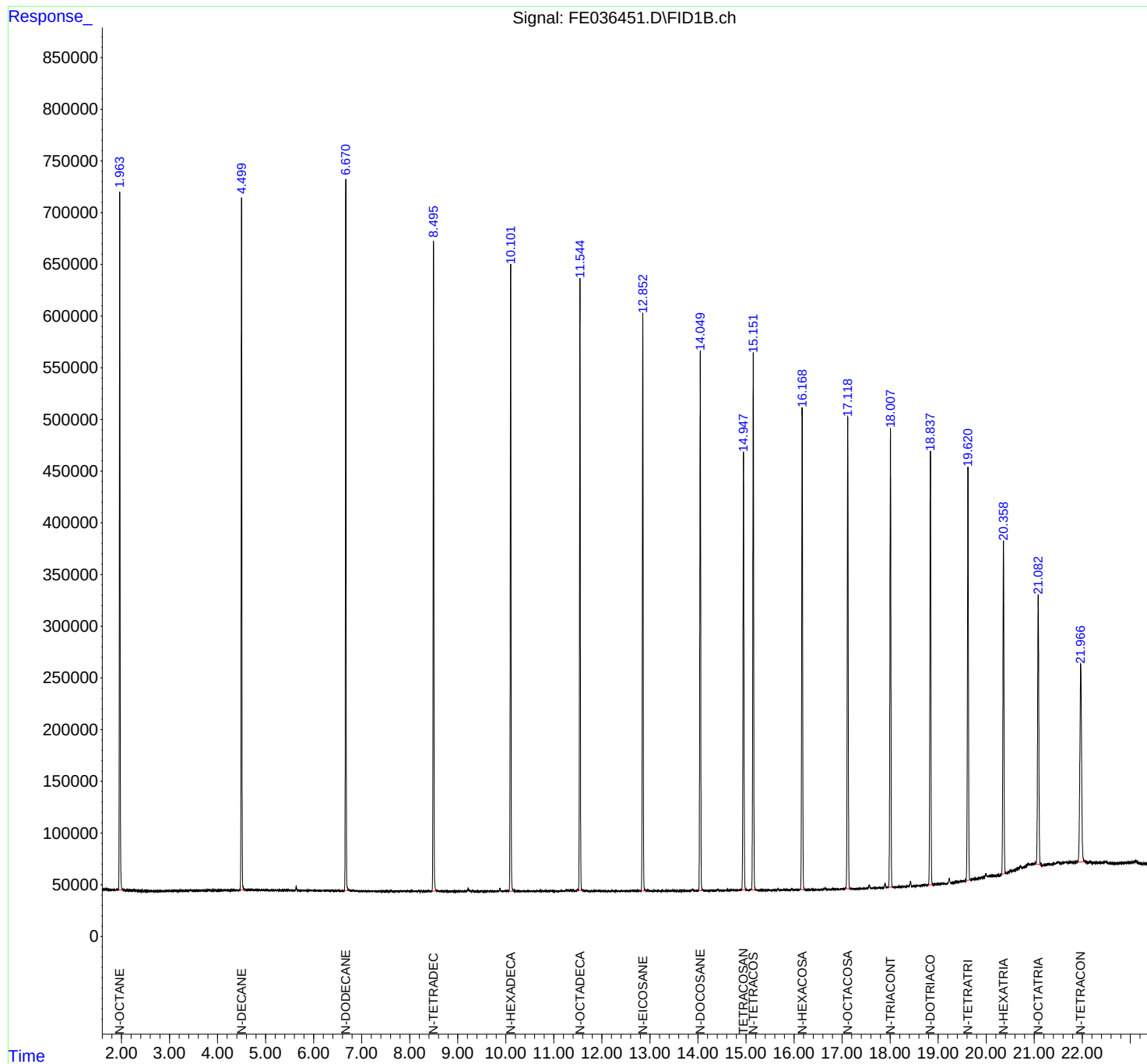
(f)=RT Delta > 1/2 Window

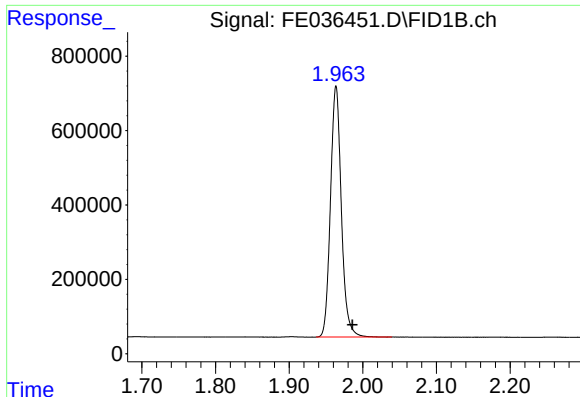
(m)=manual int.

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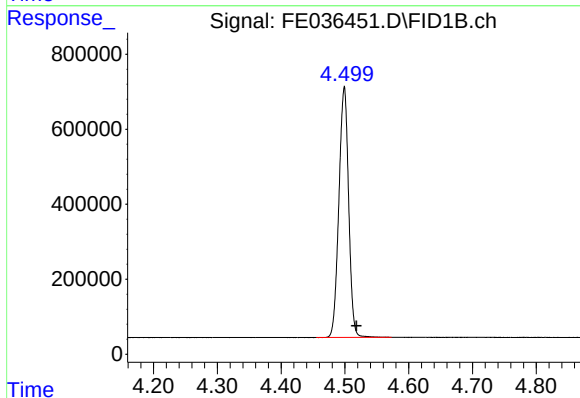
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Signal Info : 20mx0.18mmx0.18um





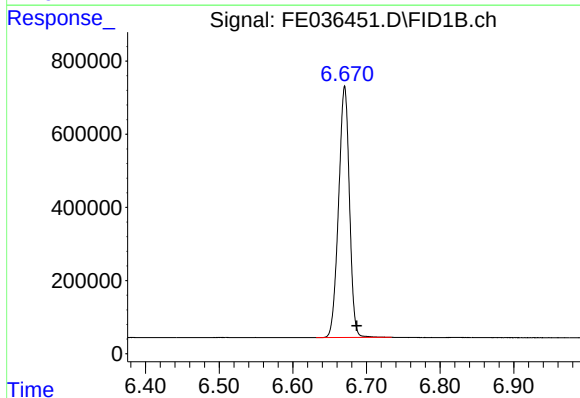
#1 N-OCTANE

R.T.: 1.964 min  
Delta R.T.: -0.022 min  
Response: 6927320  
Conc: 43.30 ug/ml



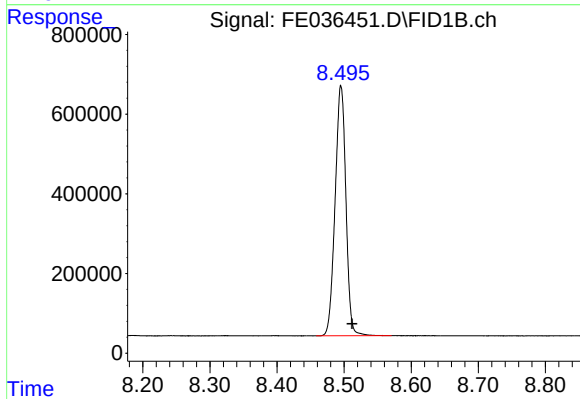
#2 N-DECANE

R.T.: 4.499 min  
Delta R.T.: -0.019 min  
Response: 7090982  
Conc: 43.57 ug/ml



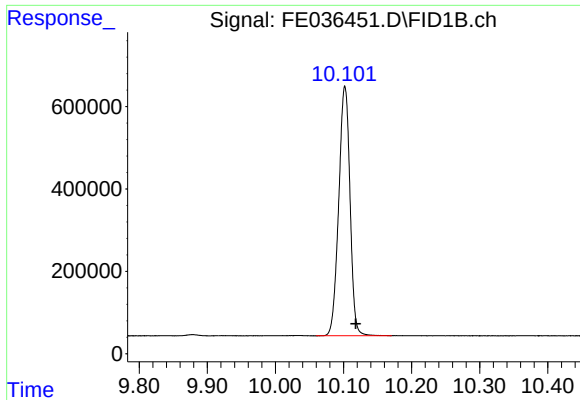
#3 N-DODECANE

R.T.: 6.670 min  
Delta R.T.: -0.016 min  
Response: 7032199  
Conc: 43.18 ug/ml



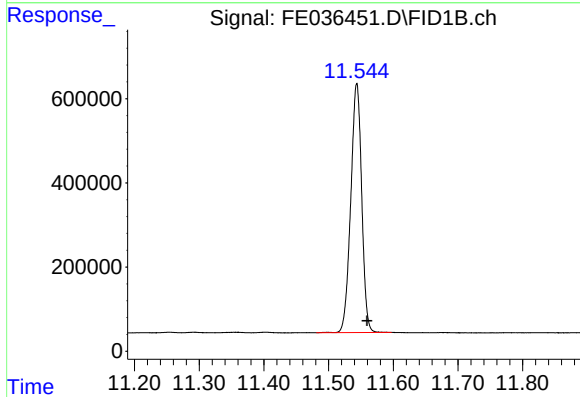
#4 N-TETRADECANE

R.T.: 8.495 min  
Delta R.T.: -0.017 min  
Response: 7014212  
Conc: 43.22 ug/ml



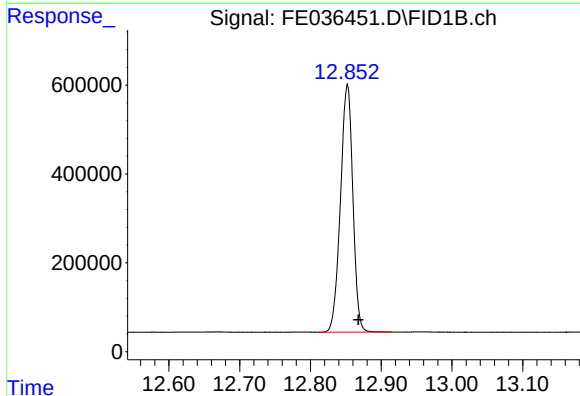
#5 N-HEXADECANE

R.T.: 10.102 min  
Delta R.T.: -0.016 min  
Response: 6954858  
Conc: 42.89 ug/ml



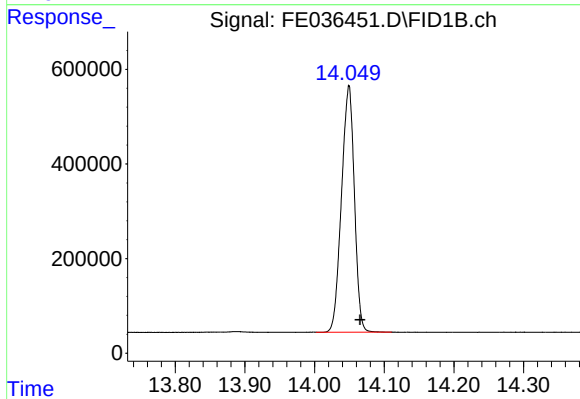
#6 N-OCTADECANE

R.T.: 11.544 min  
Delta R.T.: -0.016 min  
Response: 6942597  
Conc: 42.43 ug/ml



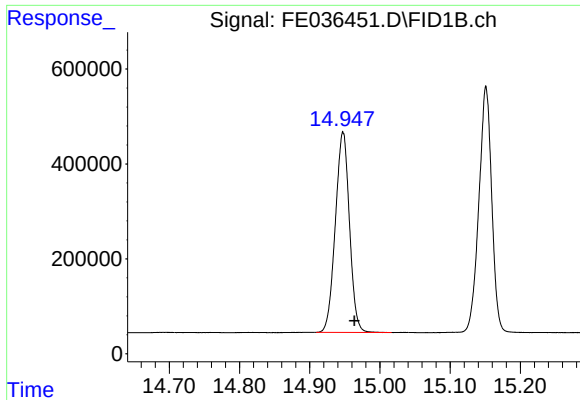
#7 N-EICOSANE

R.T.: 12.852 min  
Delta R.T.: -0.016 min  
Response: 6787319  
Conc: 42.30 ug/ml



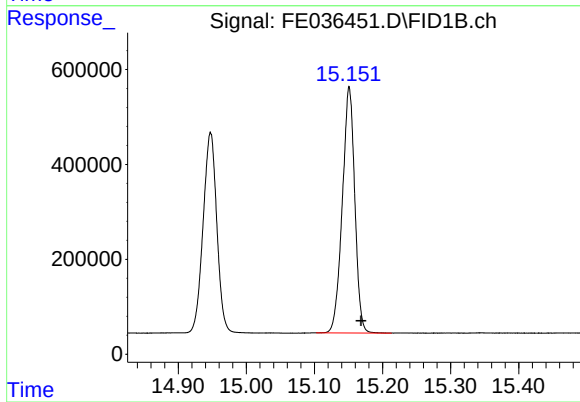
#8 N-DOCOSANE

R.T.: 14.050 min  
Delta R.T.: -0.016 min  
Response: 6701047  
Conc: 42.14 ug/ml



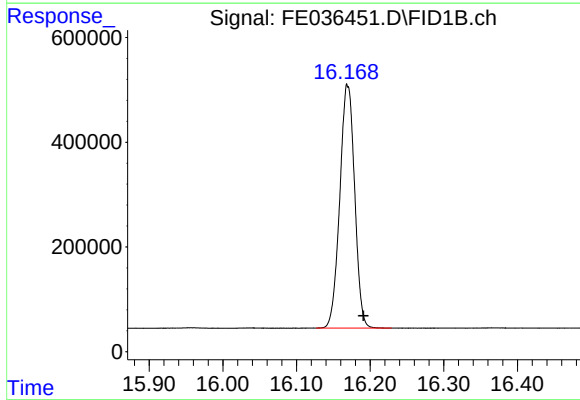
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.947 min  
Delta R.T.: -0.016 min  
Response: 5896042  
Conc: 42.02 ug/ml



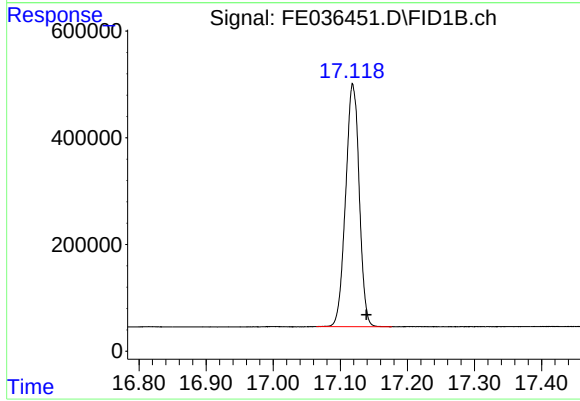
#10 N-TETRACOSANE

R.T.: 15.151 min  
Delta R.T.: -0.017 min  
Response: 6589807  
Conc: 42.16 ug/ml



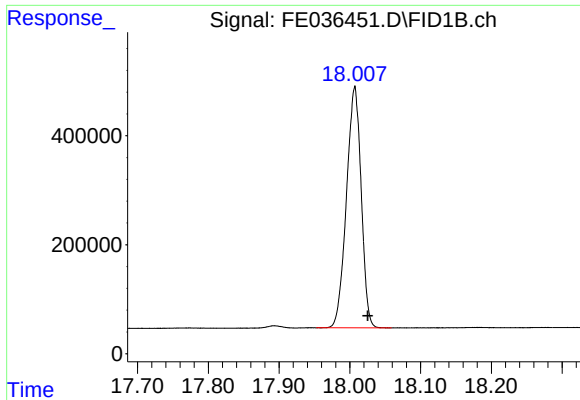
#11 N-HEXACOSANE

R.T.: 16.169 min  
Delta R.T.: -0.022 min  
Response: 6514036  
Conc: 42.42 ug/ml



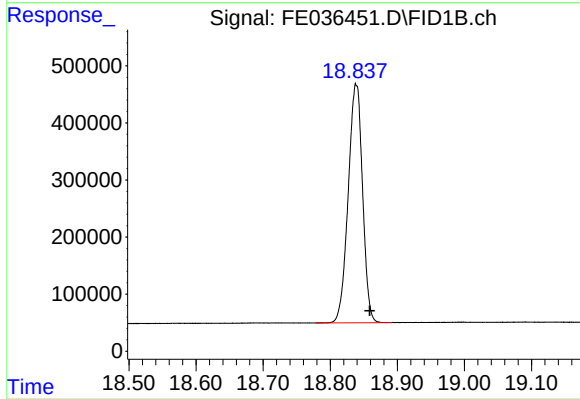
#12 N-OCTACOSANE

R.T.: 17.119 min  
Delta R.T.: -0.020 min  
Response: 6423518  
Conc: 42.70 ug/ml



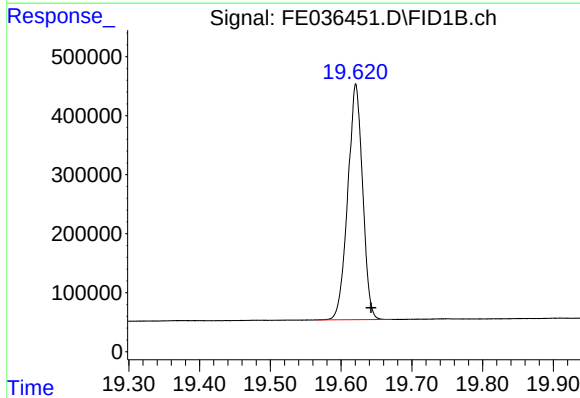
#13 N-TRIACONTANE

R.T.: 18.007 min  
Delta R.T.: -0.018 min  
Response: 6404209  
Conc: 43.14 ug/ml



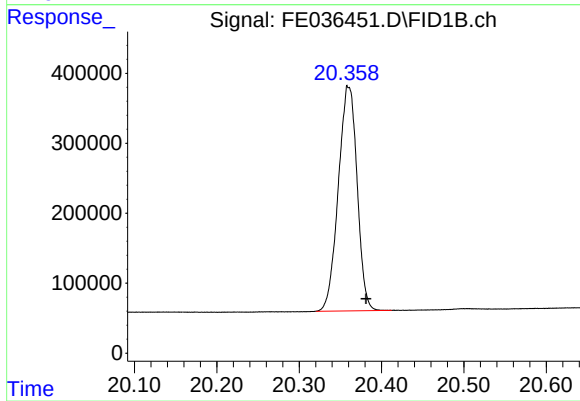
#14 N-DOTRIACONTANE

R.T.: 18.839 min  
Delta R.T.: -0.020 min  
Response: 6217958  
Conc: 44.07 ug/ml



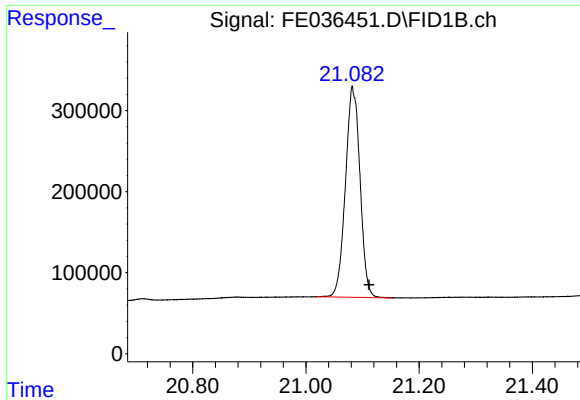
#15 N-TETRATRIACONTANE

R.T.: 19.621 min  
Delta R.T.: -0.022 min  
Response: 5824078  
Conc: 45.28 ug/ml



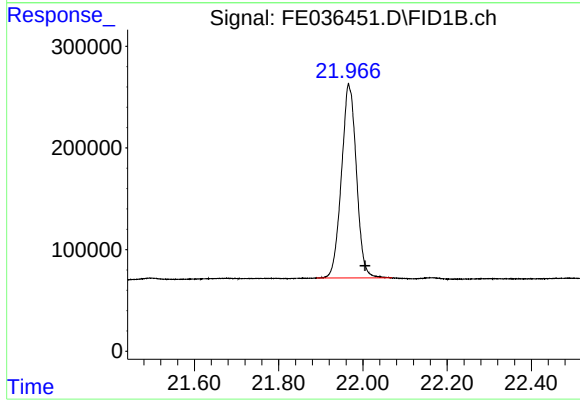
#16 N-HEXATRIACONTANE

R.T.: 20.360 min  
Delta R.T.: -0.022 min  
Response: 5095017  
Conc: 45.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.082 min  
Delta R.T.: -0.029 min  
Response: 4642855  
Conc: 47.34 ug/ml



#18 N-TETRACONTANE

R.T.: 21.966 min  
Delta R.T.: -0.039 min  
Response: 4700757  
Conc: 48.01 ug/ml