

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021424\  
 Data File : FE046780.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Feb 2024 17:09  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 15 02:45:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE021424.M  
 Quant Title :  
 QLast Update : Wed Feb 14 16:03:20 2024  
 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... | 14.898 | 6026771  | 48.988 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.932  | 7078281  | 48.842 ug/ml |
| 2) N-DECANE                   | 4.441  | 6579532  | 50.553 ug/ml |
| 3) N-DODECANE                 | 6.612  | 6817747  | 51.718 ug/ml |
| 4) N-TETRADECANE              | 8.439  | 6450351  | 50.146 ug/ml |
| 5) N-HEXADECANE               | 10.047 | 6879620  | 52.160 ug/ml |
| 6) N-OCTADECANE               | 11.491 | 7058122  | 49.878 ug/ml |
| 7) N-EICOSANE                 | 12.801 | 6866290  | 49.506 ug/ml |
| 8) N-DOCOSANE                 | 13.998 | 6706103  | 49.348 ug/ml |
| 10) N-TETRACOSANE             | 15.103 | 6614122  | 49.180 ug/ml |
| 11) N-HEXACOSANE              | 16.125 | 6470825  | 49.084 ug/ml |
| 12) N-OCTACOSANE              | 17.076 | 6399094  | 49.022 ug/ml |
| 13) N-TRIACONTANE             | 17.964 | 6340770  | 48.862 ug/ml |
| 14) N-DOTRIACONTANE           | 18.797 | 6077607  | 48.537 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.583 | 4999744  | 48.576 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.323 | 3971966  | 48.669 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.047 | 3661729  | 47.677 ug/ml |
| 18) N-TETRACONTANE            | 21.926 | 3621945  | 46.868 ug/ml |
| -----                         |        |          |              |

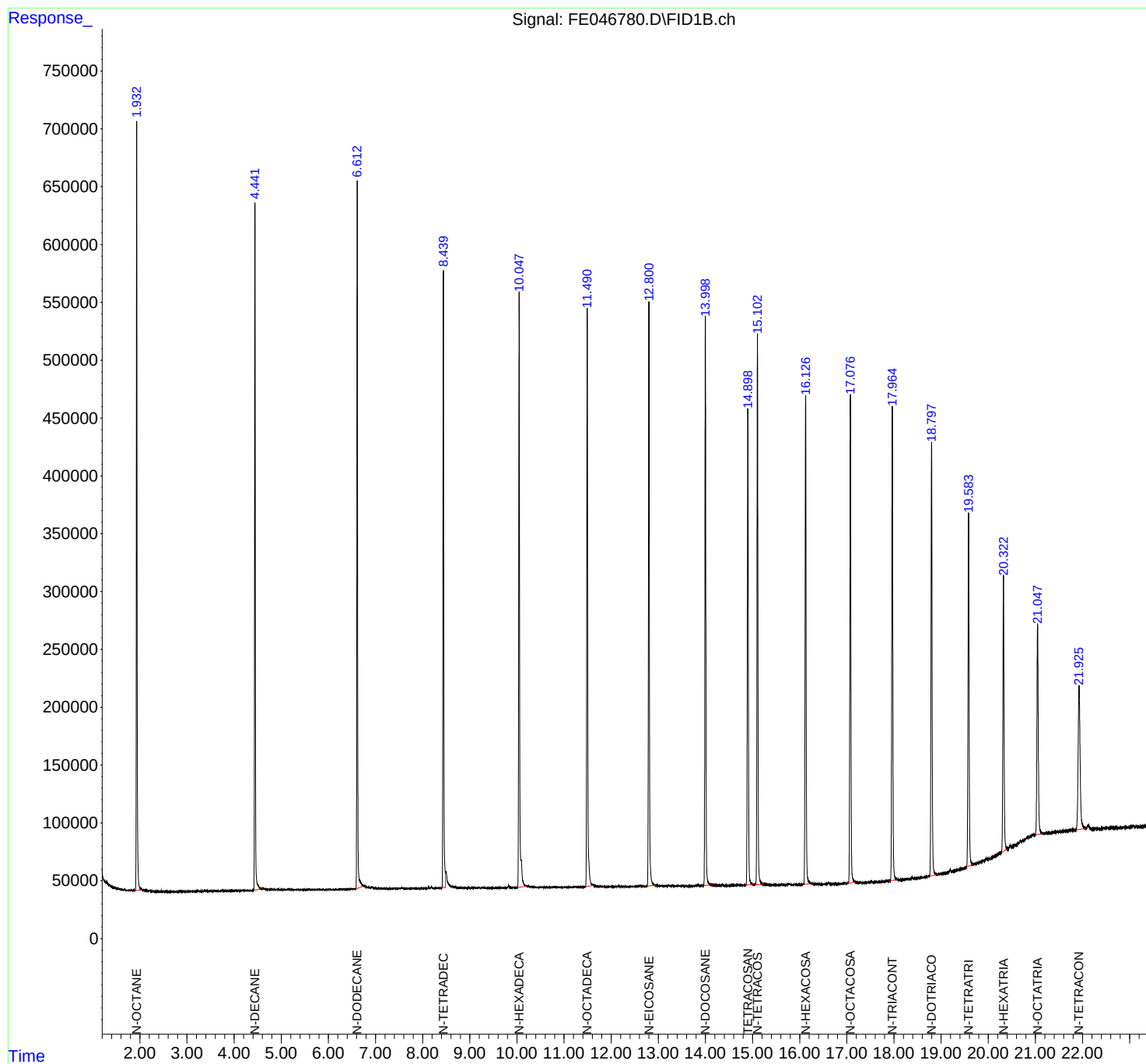
(f)=RT Delta > 1/2 Window

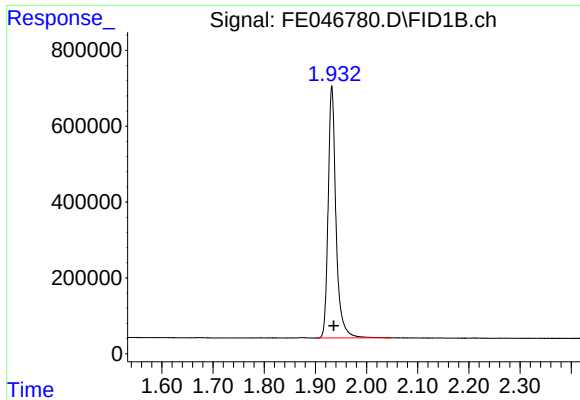
(m)=manual int.

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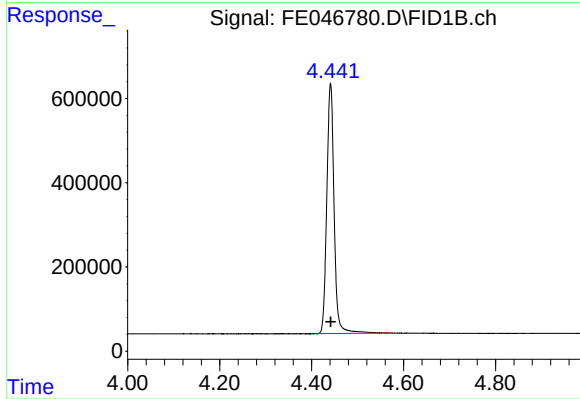
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Signal Info : 20mx0.18mmx0.18um





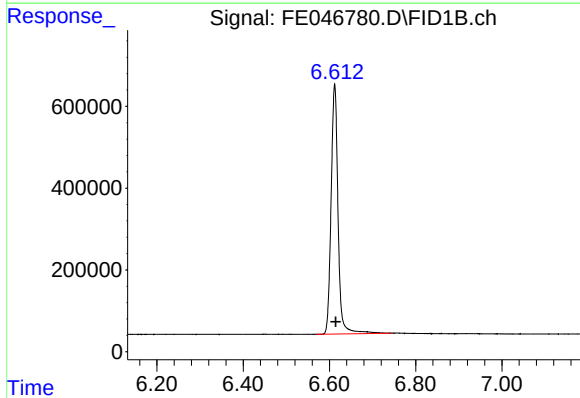
#1 N-OCTANE

R.T.: 1.932 min  
Delta R.T.: -0.004 min  
Response: 7078281  
Conc: 48.84 ug/ml



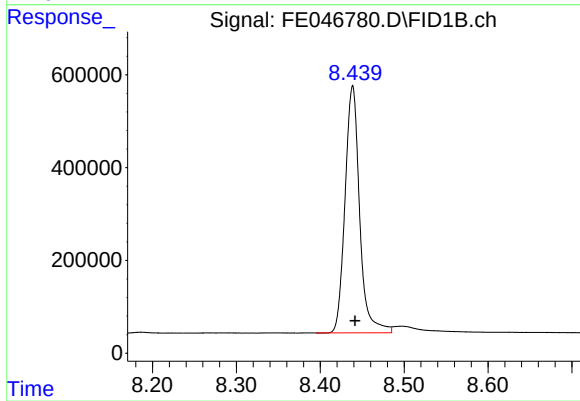
#2 N-DECANE

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 6579532  
Conc: 50.55 ug/ml



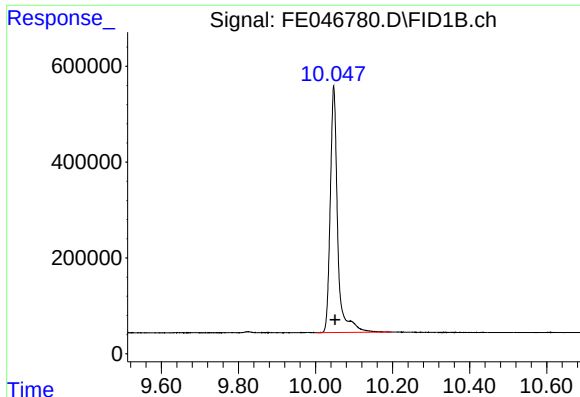
#3 N-DODECANE

R.T.: 6.612 min  
Delta R.T.: -0.002 min  
Response: 6817747  
Conc: 51.72 ug/ml



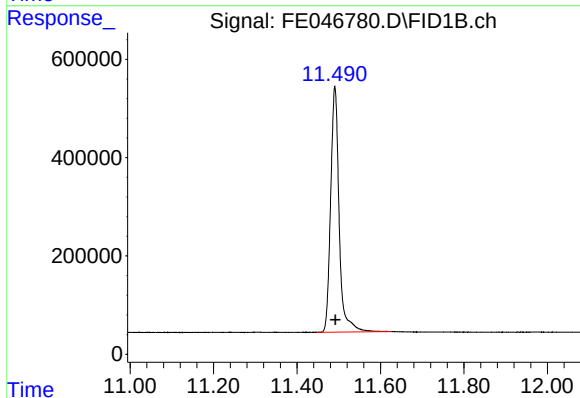
#4 N-TETRADECANE

R.T.: 8.439 min  
Delta R.T.: -0.003 min  
Response: 6450351  
Conc: 50.15 ug/ml



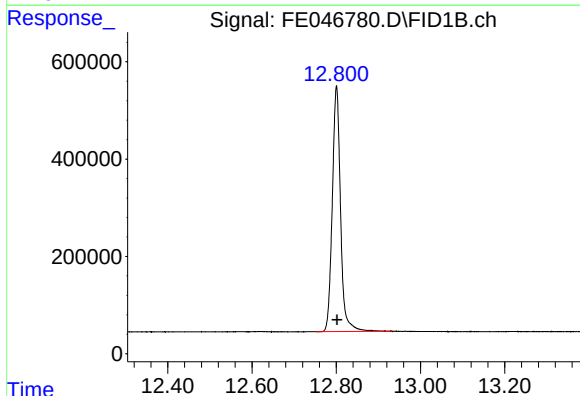
#5 N-HEXADECANE

R.T.: 10.047 min  
Delta R.T.: -0.003 min  
Response: 6879620  
Conc: 52.16 ug/ml



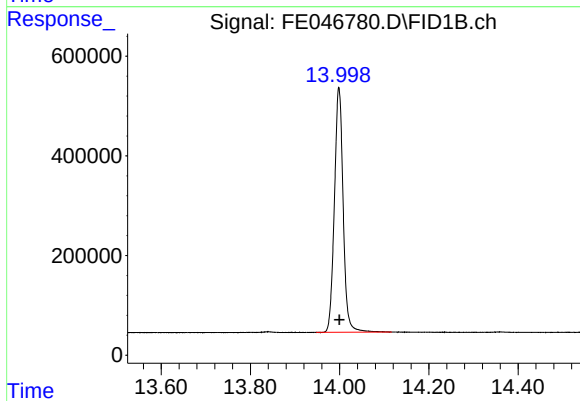
#6 N-OCTADECANE

R.T.: 11.491 min  
Delta R.T.: -0.001 min  
Response: 7058122  
Conc: 49.88 ug/ml



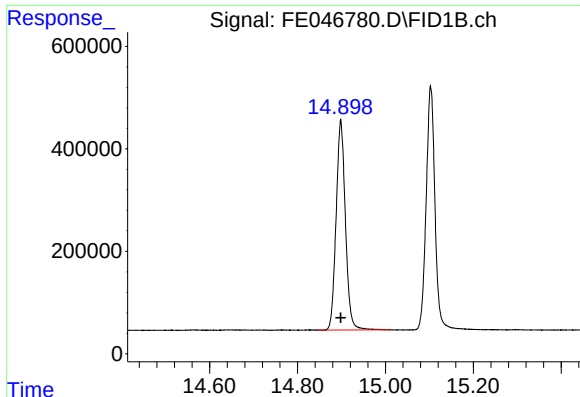
#7 N-EICOSANE

R.T.: 12.801 min  
Delta R.T.: 0.000 min  
Response: 6866290  
Conc: 49.51 ug/ml



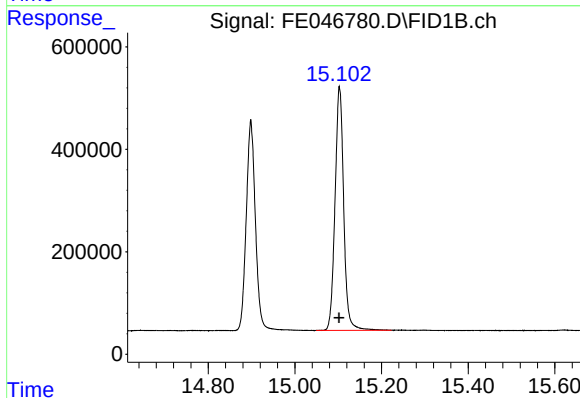
#8 N-DOCOSANE

R.T.: 13.998 min  
Delta R.T.: 0.000 min  
Response: 6706103  
Conc: 49.35 ug/ml



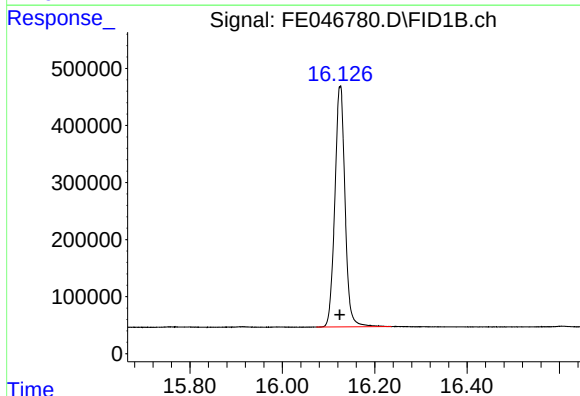
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.898 min  
Delta R.T.: 0.000 min  
Response: 6026771  
Conc: 48.99 ug/ml



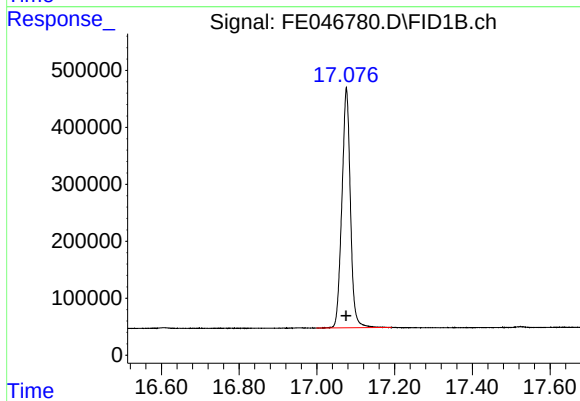
#10 N-TETRACOSANE

R.T.: 15.103 min  
Delta R.T.: 0.000 min  
Response: 6614122  
Conc: 49.18 ug/ml



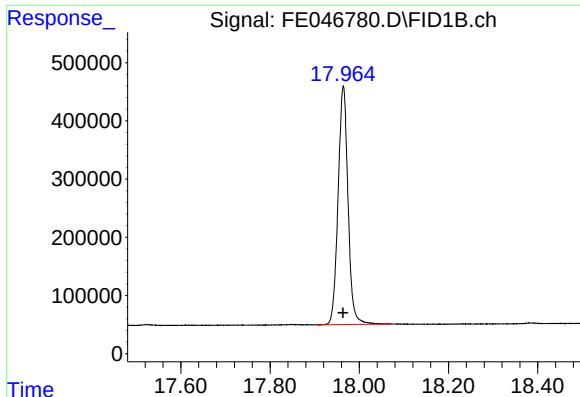
#11 N-HEXACOSANE

R.T.: 16.125 min  
Delta R.T.: 0.001 min  
Response: 6470825  
Conc: 49.08 ug/ml



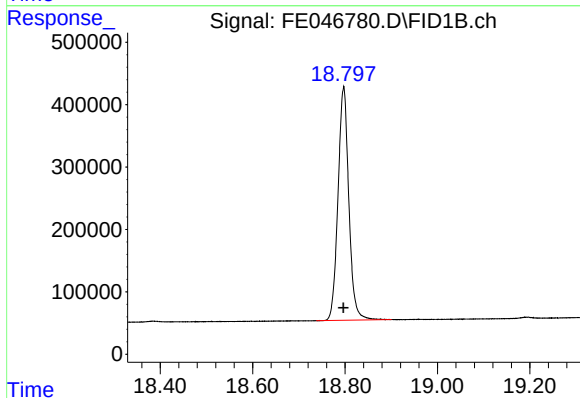
#12 N-OCTACOSANE

R.T.: 17.076 min  
Delta R.T.: 0.000 min  
Response: 6399094  
Conc: 49.02 ug/ml



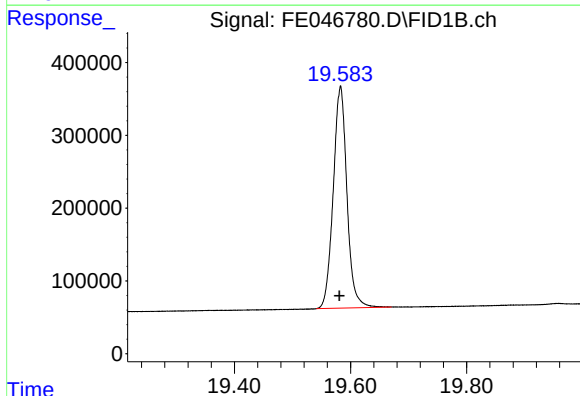
#13 N-TRIACONTANE

R.T.: 17.964 min  
Delta R.T.: 0.000 min  
Response: 6340770  
Conc: 48.86 ug/ml



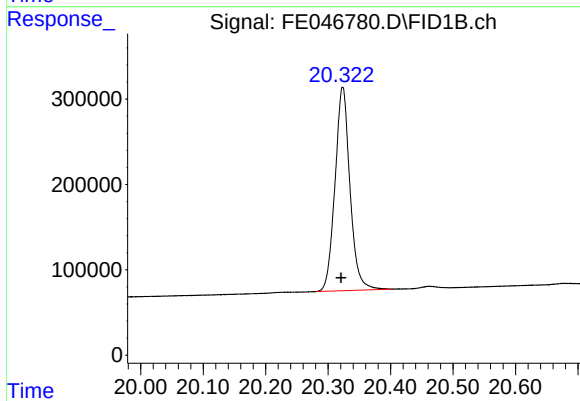
#14 N-DOTRIACONTANE

R.T.: 18.797 min  
Delta R.T.: 0.000 min  
Response: 6077607  
Conc: 48.54 ug/ml



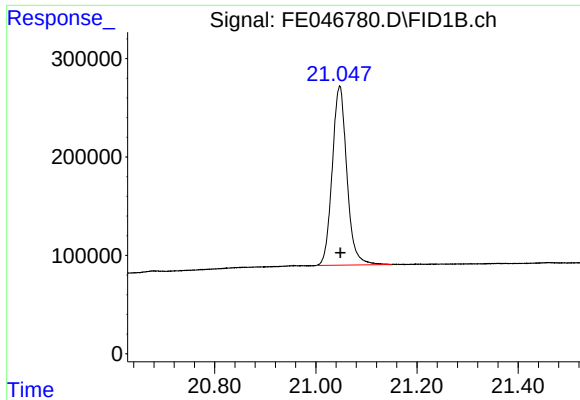
#15 N-TETRATRIACONTANE

R.T.: 19.583 min  
Delta R.T.: 0.002 min  
Response: 4999744  
Conc: 48.58 ug/ml



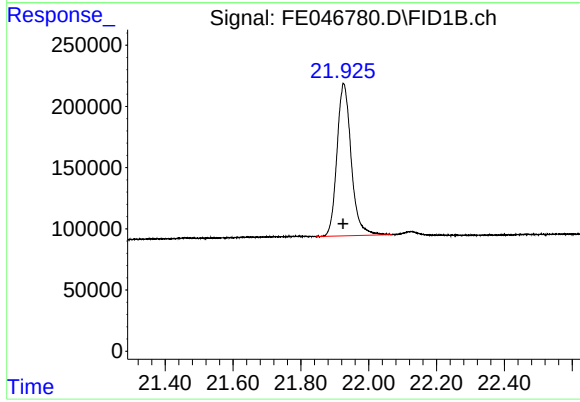
#16 N-HEXATRIACONTANE

R.T.: 20.323 min  
Delta R.T.: 0.002 min  
Response: 3971966  
Conc: 48.67 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.047 min  
Delta R.T.: 0.000 min  
Response: 3661729  
Conc: 47.68 ug/ml



#18 N-TETRACONTANE

R.T.: 21.926 min  
Delta R.T.: 0.002 min  
Response: 3621945  
Conc: 46.87 ug/ml