

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100623\  
 Data File : FG013017.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Oct 2023 15:57  
 Operator : YP\AJ  
 Sample : 04765-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 07 01:50:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG092123.M  
 Quant Title :  
 QLast Update : Fri Sep 22 02:14:31 2023  
 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... | 15.086 | 1112716  | 9.819 ug/ml   |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.076  | 1523648  | 13.625 ug/ml  |
| 2) N-DECANE                   | 4.599  | 2189724  | 19.027 ug/ml  |
| 3) N-DODECANE                 | 6.773  | 2324036  | 19.792 ug/ml  |
| 4) N-TETRADECANE              | 8.607  | 2453014  | 20.767 ug/ml  |
| 5) N-HEXADECANE               | 10.220 | 2411796  | 19.936 ug/ml  |
| 6) N-OCTADECANE               | 11.668 | 2443594  | 20.025 ug/ml  |
| 7) N-EICOSANE                 | 12.983 | 2509558  | 20.497 ug/ml  |
| 8) N-DOCOSANE                 | 14.185 | 2390744  | 20.058 ug/ml  |
| 10) N-TETRACOSANE             | 15.292 | 2662345  | 22.215 ug/ml  |
| 11) N-HEXACOSANE              | 16.316 | 2379004  | 20.093 ug/ml  |
| 12) N-OCTACOSANE              | 17.270 | 2551938  | 21.801 ug/ml  |
| 13) N-TRIACONTANE             | 18.160 | 2694104  | 23.338 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.995 | 2428388  | 21.835 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.781 | 2927711  | 31.001 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.524 | 2745860  | 37.160 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.289 | 3119992  | 47.092 ug/mlm |
| 18) N-TETRACONTANE            | 22.248 | 2966796  | 47.049 ug/mlm |
| -----                         |        |          |               |

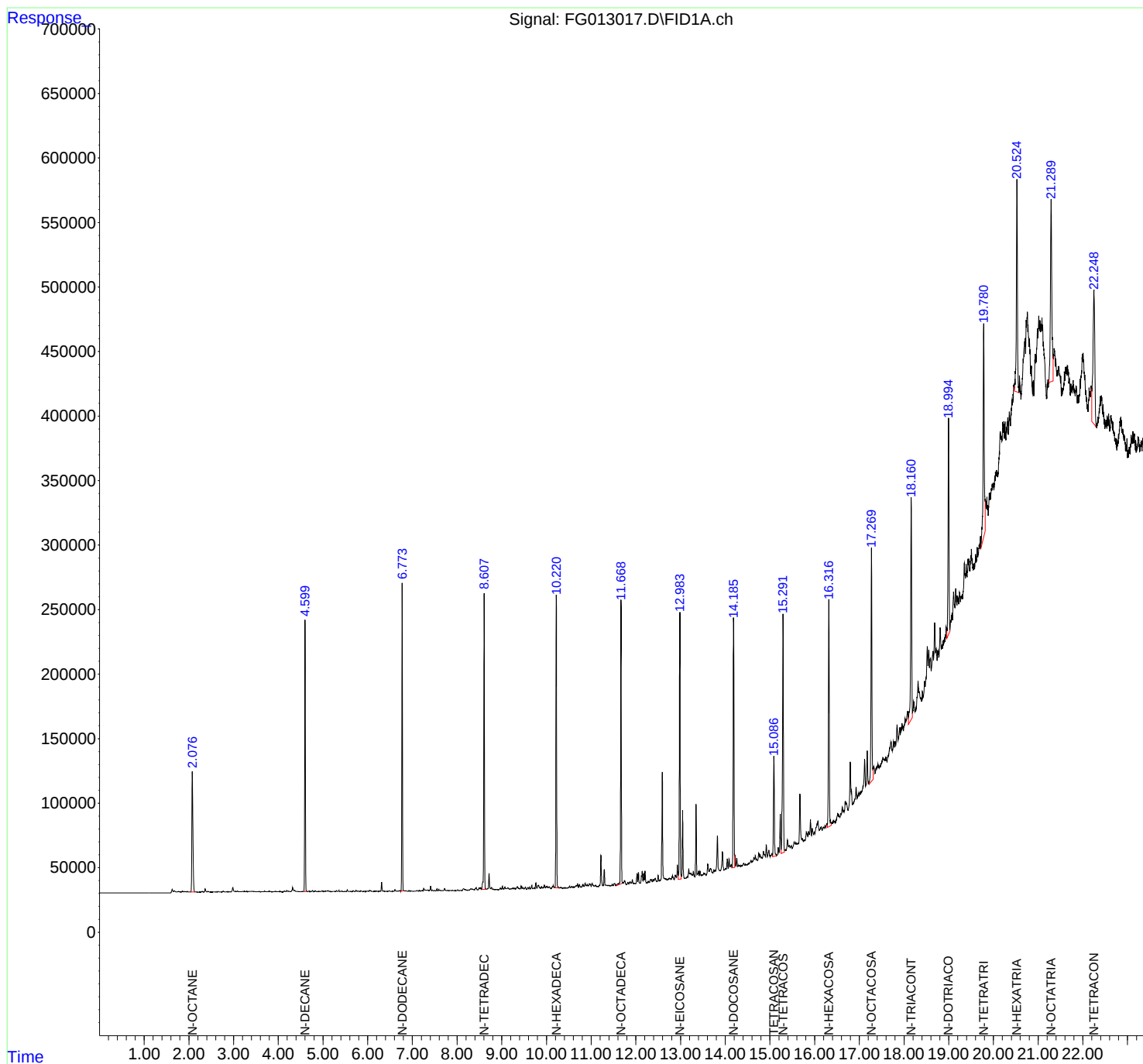
(f)=RT Delta > 1/2 Window

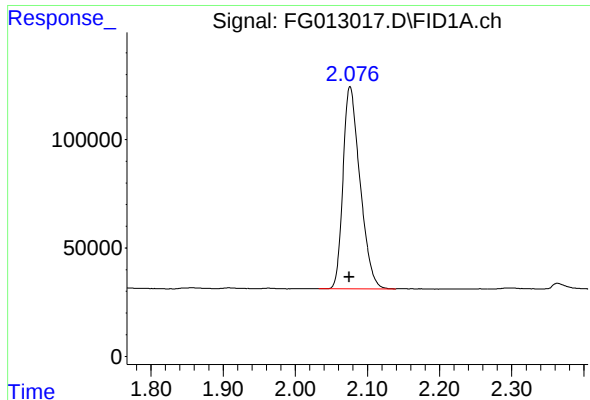
(m)=manual int.

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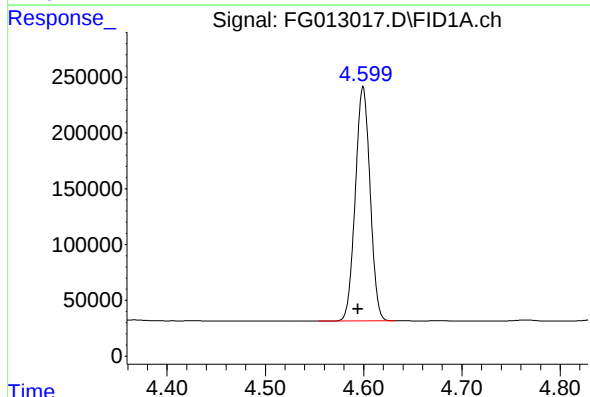
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Signal Info : 20mx0.18mmx0.18um





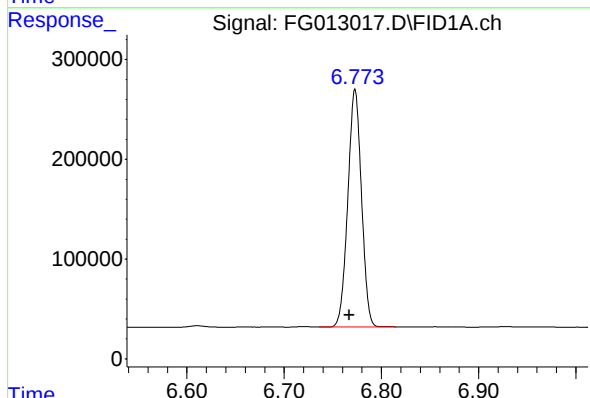
#1 N-OCTANE

R.T.: 2.076 min  
Delta R.T.: 0.001 min  
Response: 1523648  
Conc: 13.63 ug/ml



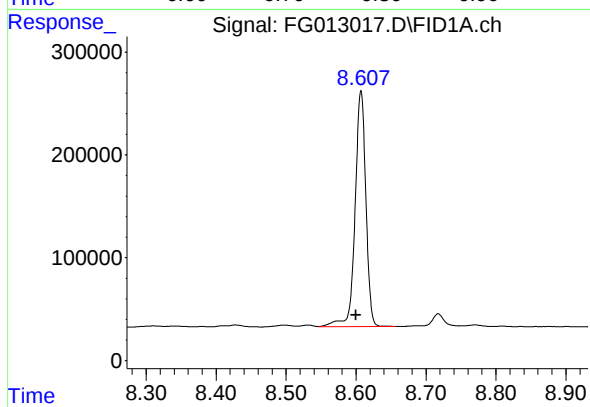
#2 N-DECANE

R.T.: 4.599 min  
Delta R.T.: 0.005 min  
Response: 2189724  
Conc: 19.03 ug/ml



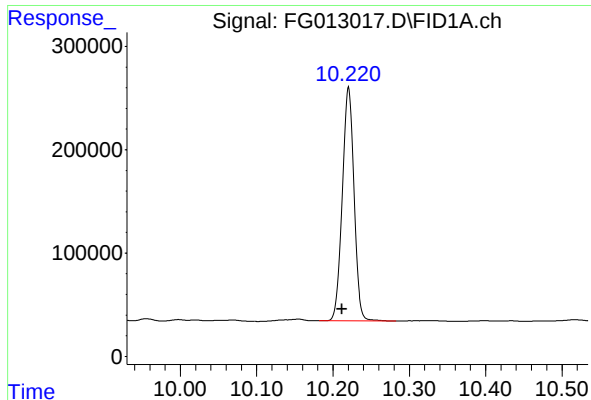
#3 N-DODECANE

R.T.: 6.773 min  
Delta R.T.: 0.006 min  
Response: 2324036  
Conc: 19.79 ug/ml



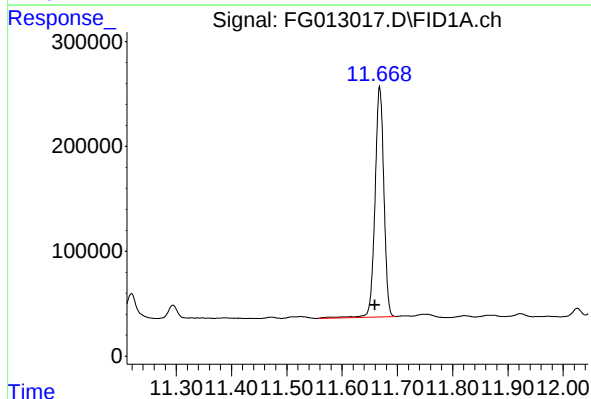
#4 N-TETRADECANE

R.T.: 8.607 min  
Delta R.T.: 0.008 min  
Response: 2453014  
Conc: 20.77 ug/ml



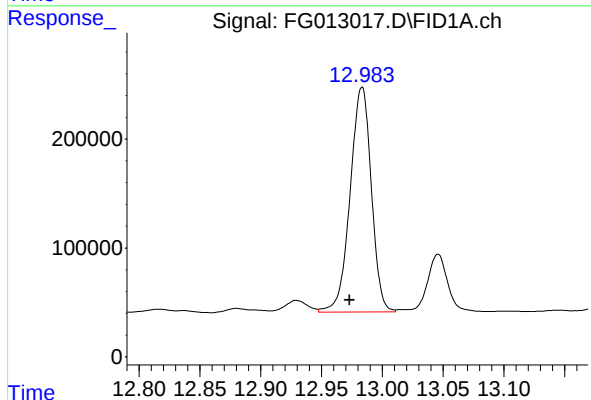
#5 N-HEXADECANE

R.T.: 10.220 min  
Delta R.T.: 0.008 min  
Response: 2411796  
Conc: 19.94 ug/ml



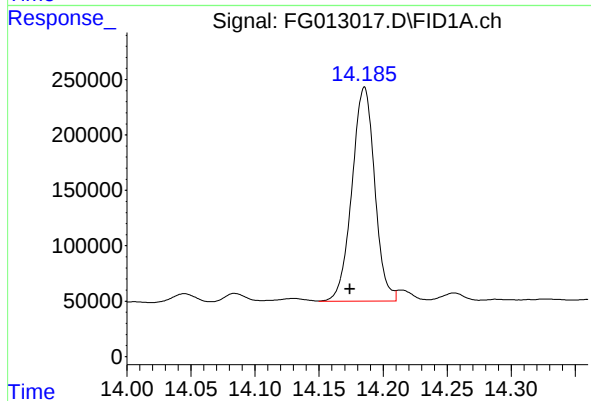
#6 N-OCTADECANE

R.T.: 11.668 min  
Delta R.T.: 0.008 min  
Response: 2443594  
Conc: 20.02 ug/ml



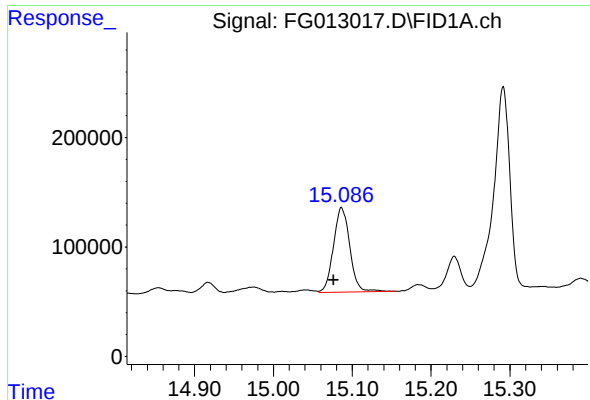
#7 N-EICOSANE

R.T.: 12.983 min  
Delta R.T.: 0.010 min  
Response: 2509558  
Conc: 20.50 ug/ml



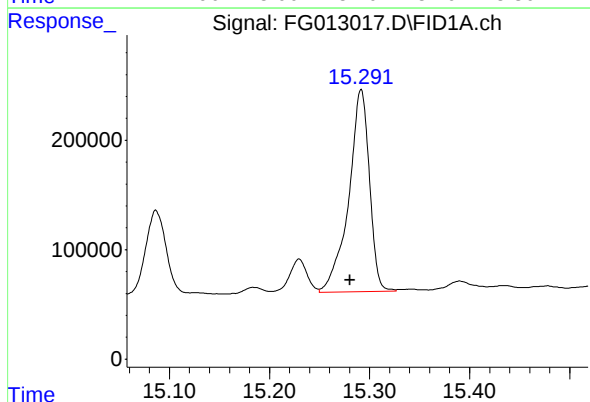
#8 N-DOCOSANE

R.T.: 14.185 min  
Delta R.T.: 0.011 min  
Response: 2390744  
Conc: 20.06 ug/ml



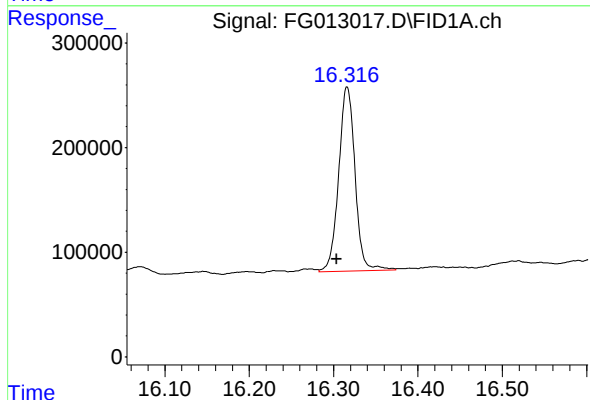
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.086 min  
Delta R.T.: 0.010 min  
Response: 1112716  
Conc: 9.82 ug/ml



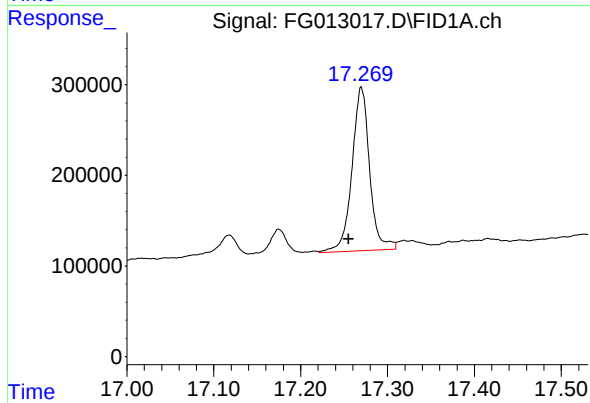
#10 N-TETRACOSANE

R.T.: 15.292 min  
Delta R.T.: 0.011 min  
Response: 2662345  
Conc: 22.22 ug/ml



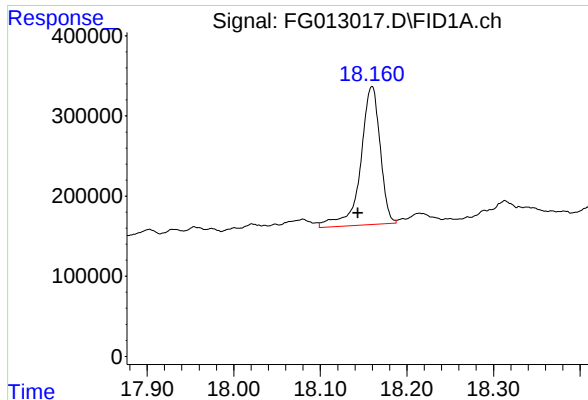
#11 N-HEXACOSANE

R.T.: 16.316 min  
Delta R.T.: 0.012 min  
Response: 2379004  
Conc: 20.09 ug/ml



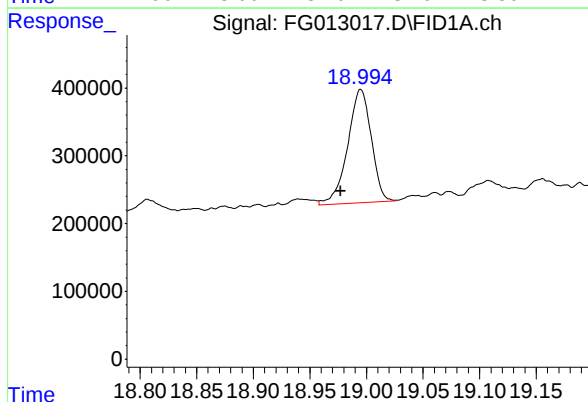
#12 N-OCTACOSANE

R.T.: 17.270 min  
Delta R.T.: 0.015 min  
Response: 2551938  
Conc: 21.80 ug/ml



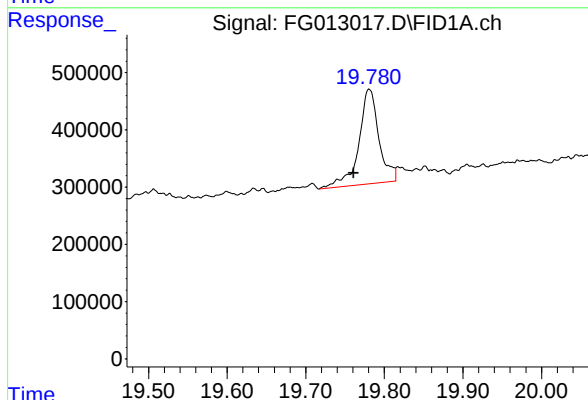
#13 N-TRIACONTANE

R.T.: 18.160 min  
Delta R.T.: 0.016 min  
Response: 2694104  
Conc: 23.34 ug/ml



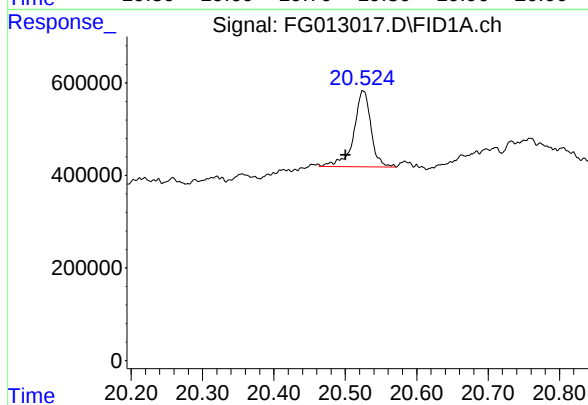
#14 N-DOTRIACONTANE

R.T.: 18.995 min  
Delta R.T.: 0.018 min  
Response: 2428388  
Conc: 21.83 ug/ml



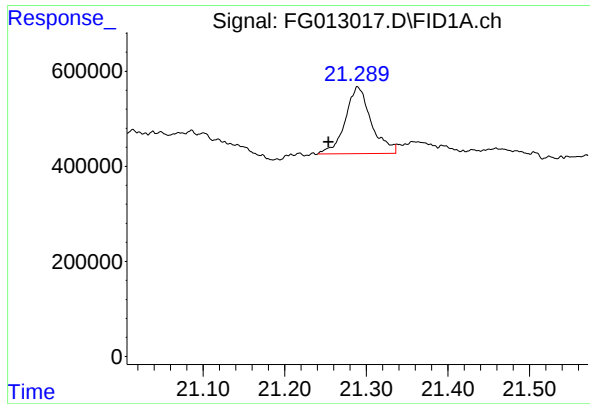
#15 N-TETRATRIACONTANE

R.T.: 19.781 min  
Delta R.T.: 0.020 min  
Response: 2927711  
Conc: 31.00 ug/ml



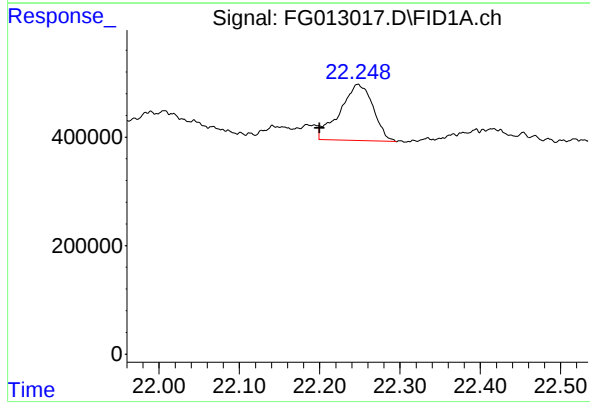
#16 N-HEXATRIACONTANE

R.T.: 20.524 min  
Delta R.T.: 0.023 min  
Response: 2745860  
Conc: 37.16 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.289 min  
Delta R.T.: 0.035 min  
Response: 3119992  
Conc: 47.09 ug/ml m



#18 N-TETRACONTANE

R.T.: 22.248 min  
Delta R.T.: 0.048 min  
Response: 2966796  
Conc: 47.05 ug/ml m