

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032922\  
 Data File : FG009457.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Mar 2022 09:45  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 30 01:33:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG032522.M  
 Quant Title :  
 QLast Update : Sat Mar 26 00:33:44 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... | 14.633 | 6830527  | 49.566 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.233  | 8101306  | 56.331 ug/ml  |
| 2) N-DECANE                   | 4.332  | 8616283  | 58.904 ug/ml  |
| 3) N-DODECANE                 | 6.360  | 8652918  | 58.023 ug/ml  |
| 4) N-TETRADECANE              | 8.160  | 8676805  | 56.830 ug/ml  |
| 5) N-HEXADECANE               | 9.767  | 8579279  | 55.379 ug/ml  |
| 6) N-OCTADECANE               | 11.214 | 8589375  | 53.827 ug/ml  |
| 7) N-EICOSANE                 | 12.528 | 8145131  | 52.172 ug/ml  |
| 8) N-DOCOSANE                 | 13.730 | 7848526  | 50.707 ug/ml  |
| 10) N-TETRACOSANE             | 14.837 | 7652865  | 49.623 ug/ml  |
| 11) N-HEXACOSANE              | 15.862 | 7371936  | 48.557 ug/ml  |
| 12) N-OCTACOSANE              | 16.814 | 7186383  | 48.491 ug/ml  |
| 13) N-TRIACONTANE             | 17.705 | 7005321  | 49.124 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.539 | 6767747  | 50.895 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.326 | 6271032  | 53.670 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.068 | 5588753  | 56.671 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.808 | 5148799  | 59.393 ug/mlm |
| 18) N-TETRACONTANE            | 21.721 | 5150919  | 60.600 ug/ml  |
| -----                         |        |          |               |

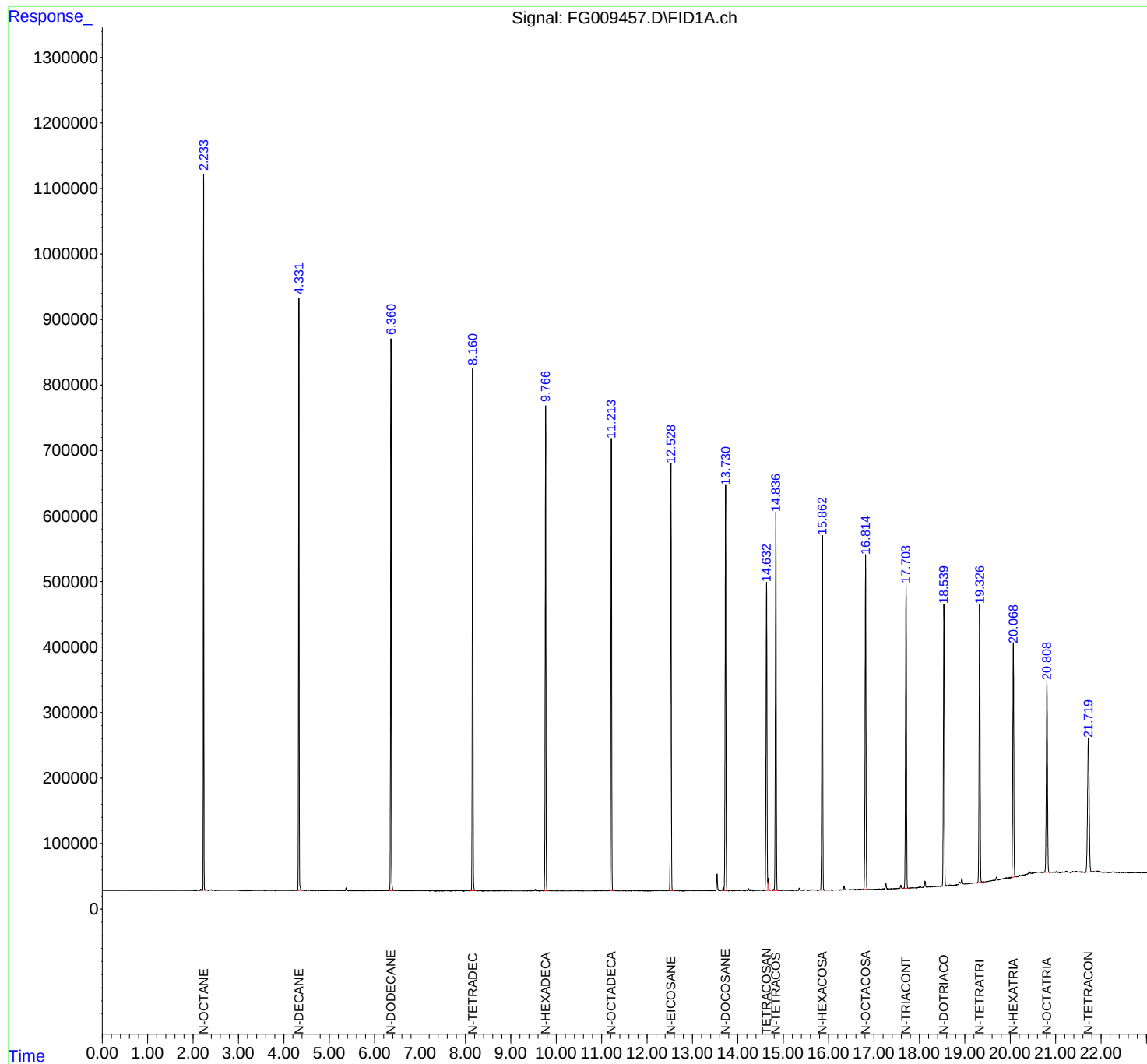
(f)=RT Delta > 1/2 Window

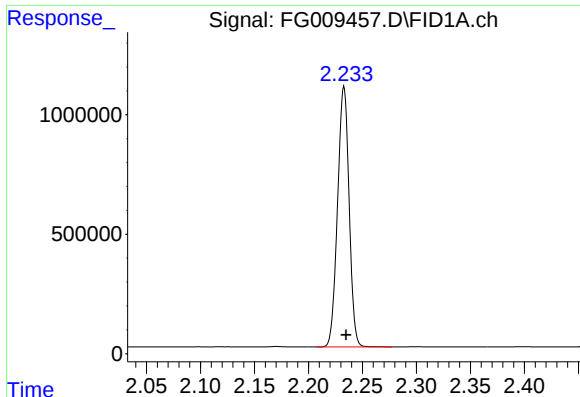
(m)=manual int.

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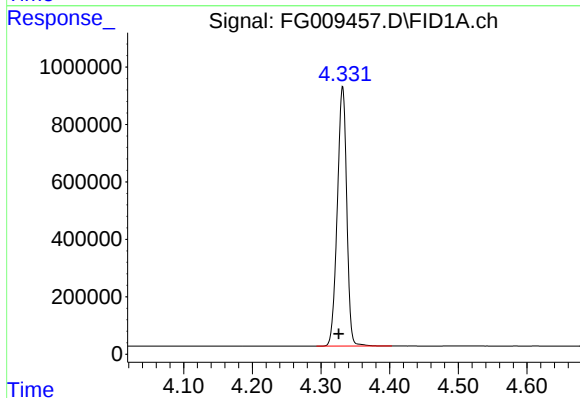
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





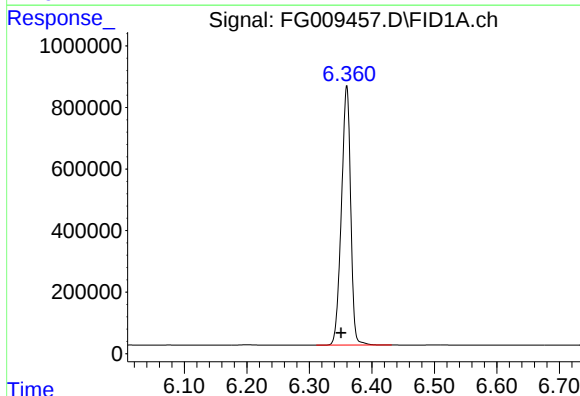
#1 N-OCTANE

R.T.: 2.233 min  
Delta R.T.: -0.002 min  
Response: 8101306  
Conc: 56.33 ug/ml



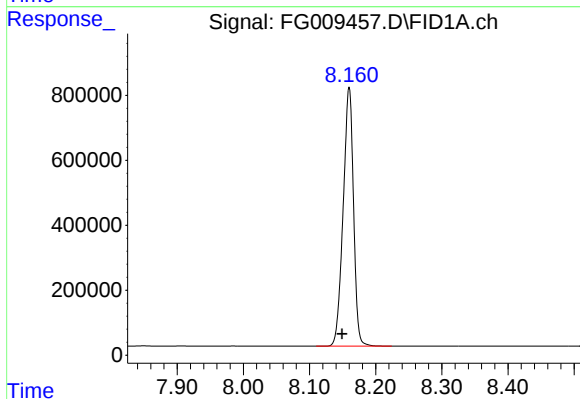
#2 N-DECANE

R.T.: 4.332 min  
Delta R.T.: 0.006 min  
Response: 8616283  
Conc: 58.90 ug/ml



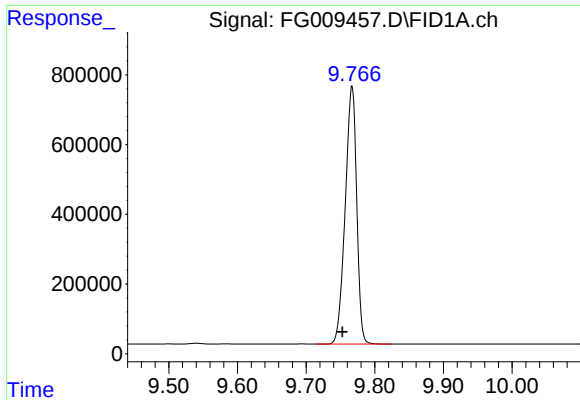
#3 N-DODECANE

R.T.: 6.360 min  
Delta R.T.: 0.010 min  
Response: 8652918  
Conc: 58.02 ug/ml



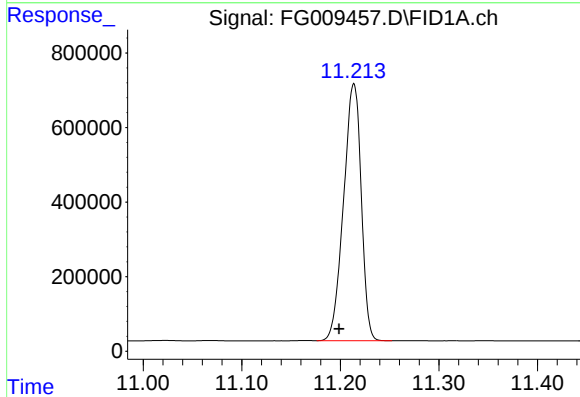
#4 N-TETRADECANE

R.T.: 8.160 min  
Delta R.T.: 0.011 min  
Response: 8676805  
Conc: 56.83 ug/ml



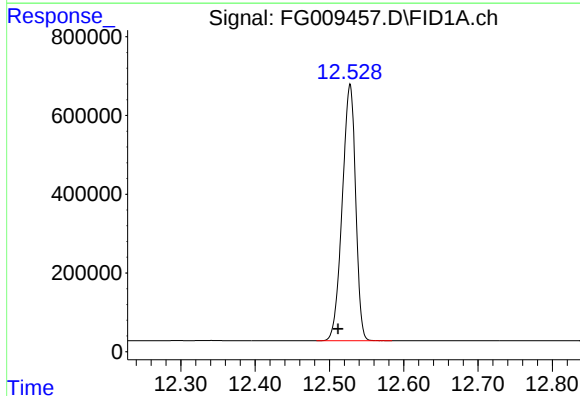
#5 N-HEXADECANE

R.T.: 9.767 min  
Delta R.T.: 0.014 min  
Response: 8579279  
Conc: 55.38 ug/ml



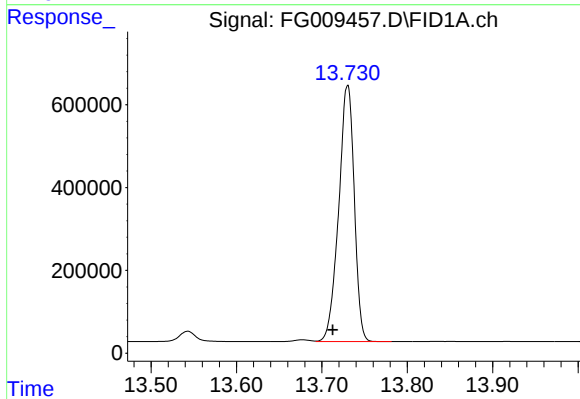
#6 N-OCTADECANE

R.T.: 11.214 min  
Delta R.T.: 0.015 min  
Response: 8589375  
Conc: 53.83 ug/ml



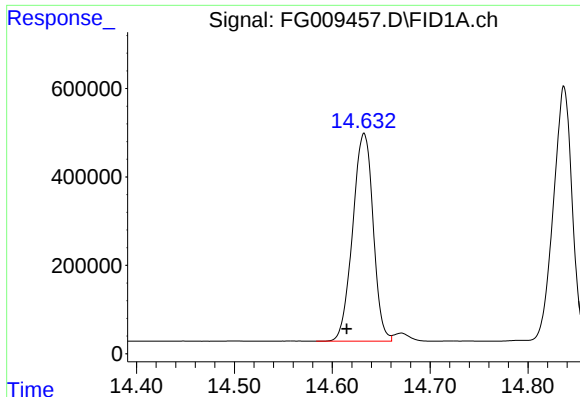
#7 N-EICOSANE

R.T.: 12.528 min  
Delta R.T.: 0.016 min  
Response: 8145131  
Conc: 52.17 ug/ml



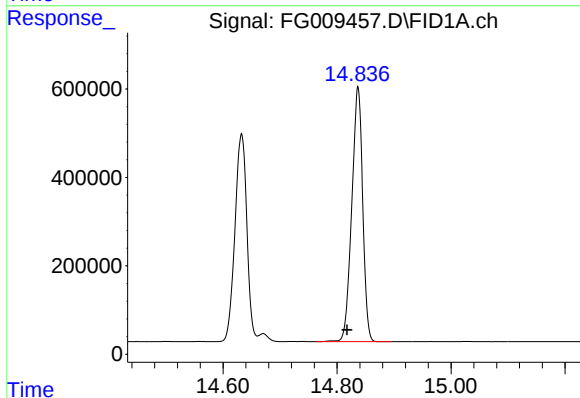
#8 N-DOCOSANE

R.T.: 13.730 min  
Delta R.T.: 0.017 min  
Response: 7848526  
Conc: 50.71 ug/ml



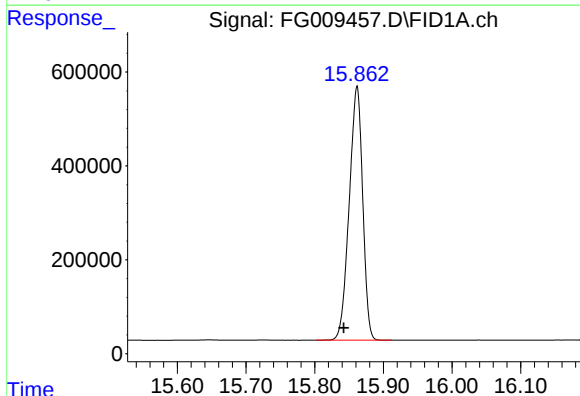
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min  
Delta R.T.: 0.018 min  
Response: 6830527  
Conc: 49.57 ug/ml



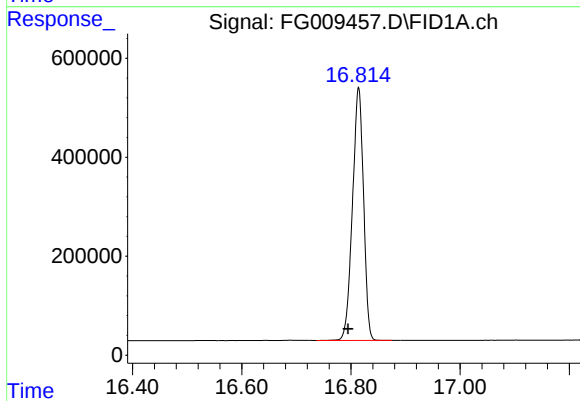
#10 N-TETRACOSANE

R.T.: 14.837 min  
Delta R.T.: 0.019 min  
Response: 7652865  
Conc: 49.62 ug/ml



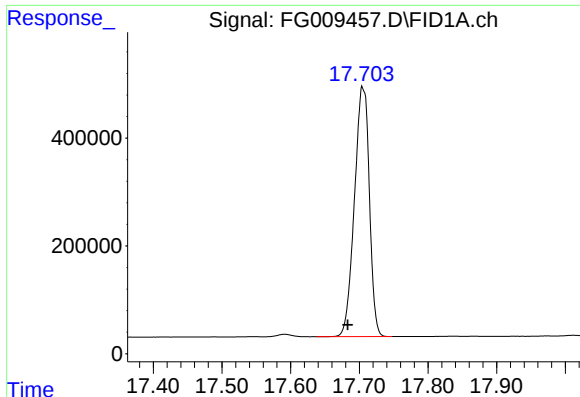
#11 N-HEXACOSANE

R.T.: 15.862 min  
Delta R.T.: 0.019 min  
Response: 7371936  
Conc: 48.56 ug/ml



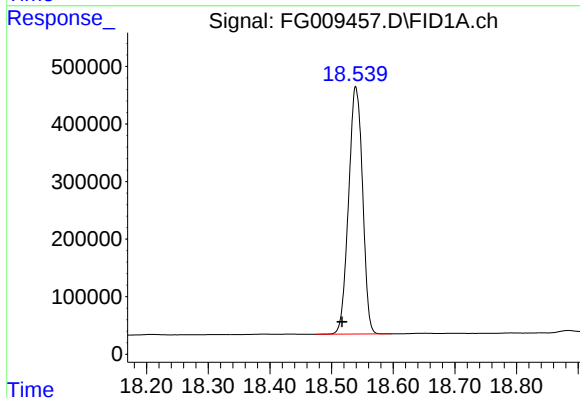
#12 N-OCTACOSANE

R.T.: 16.814 min  
Delta R.T.: 0.020 min  
Response: 7186383  
Conc: 48.49 ug/ml



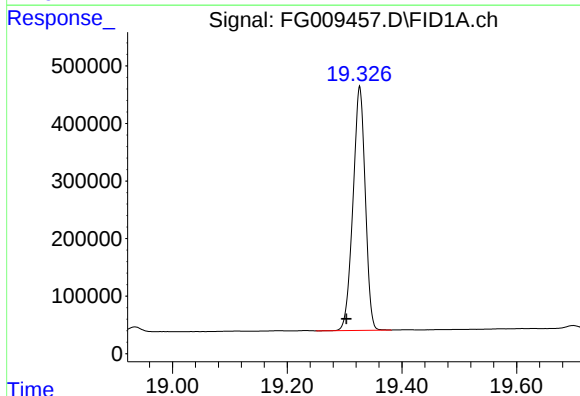
#13 N-TRIACONTANE

R.T.: 17.705 min  
Delta R.T.: 0.021 min  
Response: 7005321  
Conc: 49.12 ug/ml



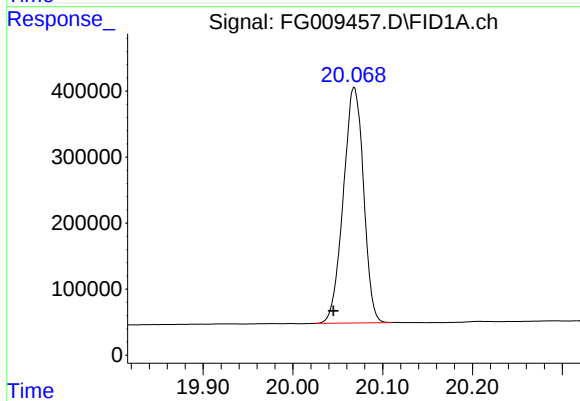
#14 N-DOTRIACONTANE

R.T.: 18.539 min  
Delta R.T.: 0.022 min  
Response: 6767747  
Conc: 50.90 ug/ml



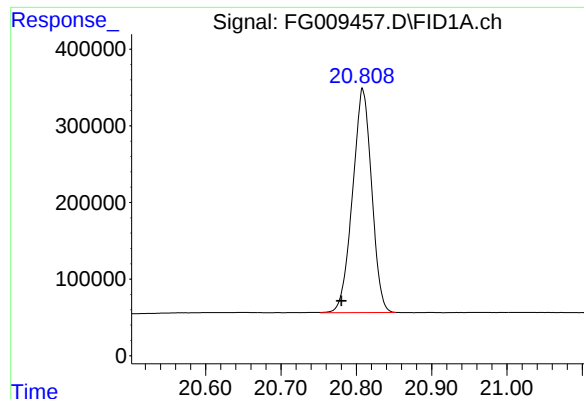
#15 N-TETRATRIACONTANE

R.T.: 19.326 min  
Delta R.T.: 0.023 min  
Response: 6271032  
Conc: 53.67 ug/ml



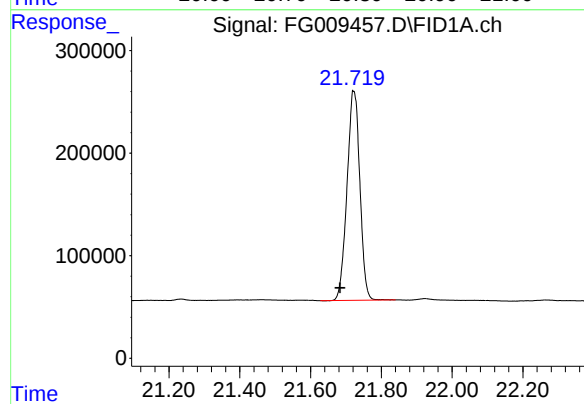
#16 N-HEXATRIACONTANE

R.T.: 20.068 min  
Delta R.T.: 0.023 min  
Response: 5588753  
Conc: 56.67 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.808 min  
Delta R.T.: 0.027 min  
Response: 5148799  
Conc: 59.39 ug/ml m



#18 N-TETRACONTANE

R.T.: 21.721 min  
Delta R.T.: 0.038 min  
Response: 5150919  
Conc: 60.60 ug/ml