

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071020\  
 Data File : FE032336.D  
 Signal(s) : FID1B.CH  
 Acq On : 10 Jul 2020 9:56  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 11 00:15:48 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE070720.M  
 Quant Title :  
 QLast Update : Wed Jul 08 12:04:06 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.745 | 15257717 | 50.154 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.420  | 16908401 | 50.277 ug/ml |
| 2) N-DECANE                   | 4.491  | 17655686 | 50.768 ug/ml |
| 3) N-DODECANE                 | 6.505  | 17692074 | 50.697 ug/ml |
| 4) N-TETRADECANE              | 8.300  | 17595636 | 50.633 ug/ml |
| 5) N-HEXADECANE               | 9.900  | 17635574 | 50.583 ug/ml |
| 6) N-OCTADECANE               | 11.342 | 17881464 | 50.567 ug/ml |
| 7) N-EICOSANE                 | 12.650 | 17737342 | 50.434 ug/ml |
| 8) N-DOCOSANE                 | 13.848 | 17651921 | 50.235 ug/ml |
| 10) N-TETRACOSANE             | 14.950 | 17691263 | 49.978 ug/ml |
| 11) N-HEXACOSANE              | 15.968 | 17434696 | 49.684 ug/ml |
| 12) N-OCTACOSANE              | 16.916 | 17395590 | 49.462 ug/ml |
| 13) N-TRIACONTANE             | 17.803 | 17319439 | 49.258 ug/ml |
| 14) N-DOTRIACONTANE           | 18.635 | 16240374 | 48.808 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.413 | 13487341 | 48.053 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.149 | 10272526 | 47.523 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.898 | 8204869  | 46.599 ug/ml |
| 18) N-TETRACONTANE            | 21.839 | 7588067  | 46.132 ug/ml |
| -----                         |        |          |              |

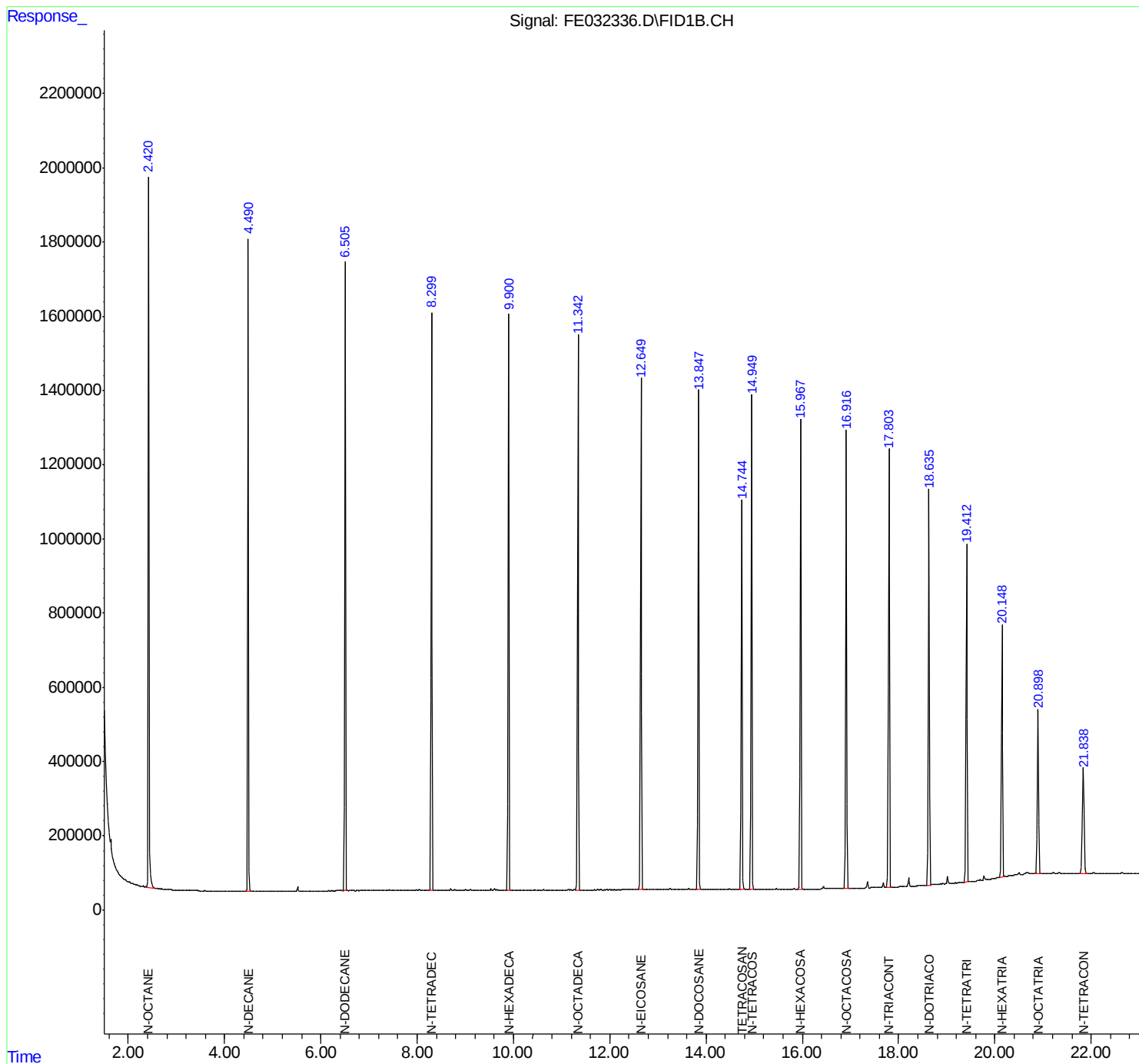
(f)=RT Delta > 1/2 Window

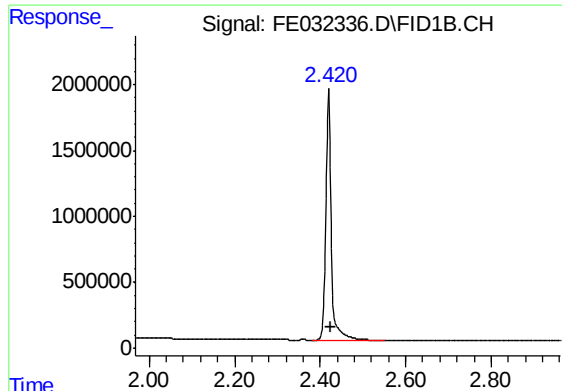
(m)=manual int.

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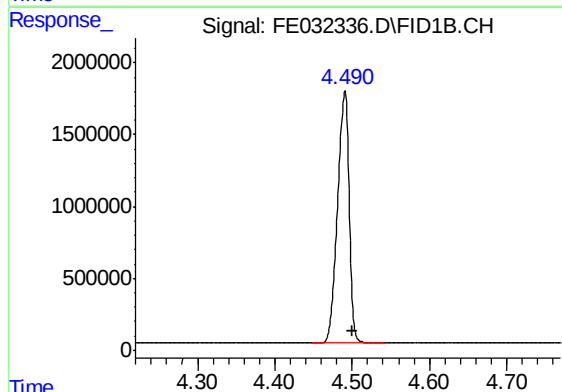
Volume Inj. : 1uL  
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Signal Info : 20mx0.18mmx0.18um





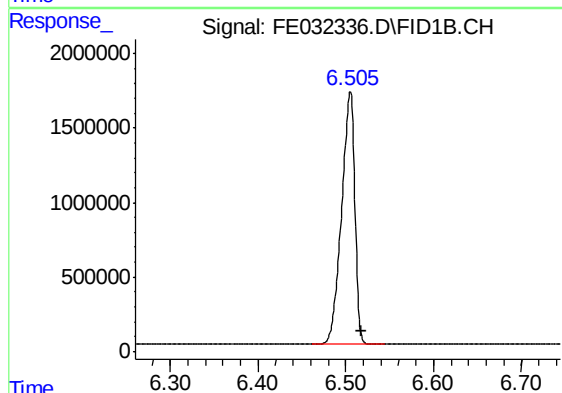
#1 N-OCTANE

R.T.: 2.420 min  
Delta R.T.: -0.004 min  
Response: 16908401  
Conc: 50.28 ug/ml



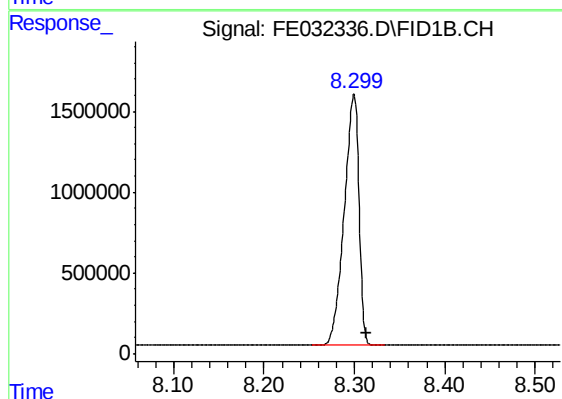
#2 N-DECANE

R.T.: 4.491 min  
Delta R.T.: -0.010 min  
Response: 17655686  
Conc: 50.77 ug/ml



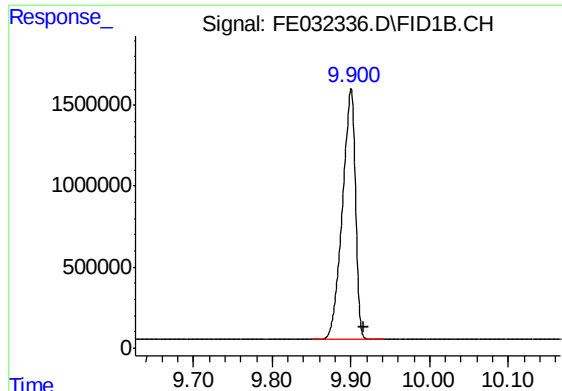
#3 N-DODECANE

R.T.: 6.505 min  
Delta R.T.: -0.012 min  
Response: 17692074  
Conc: 50.70 ug/ml



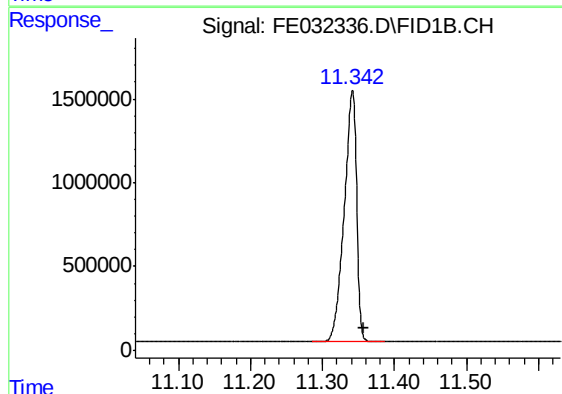
#4 N-TETRADECANE

R.T.: 8.300 min  
Delta R.T.: -0.014 min  
Response: 17595636  
Conc: 50.63 ug/ml



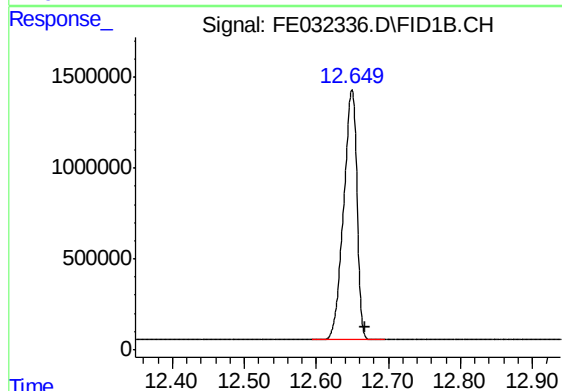
#5 N-HEXADECANE

R.T.: 9.900 min  
Delta R.T.: -0.016 min  
Response: 17635574  
Conc: 50.58 ug/ml



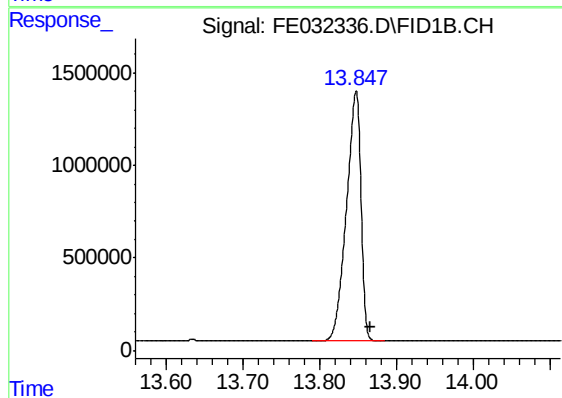
#6 N-OCTADECANE

R.T.: 11.342 min  
Delta R.T.: -0.016 min  
Response: 17881464  
Conc: 50.57 ug/ml



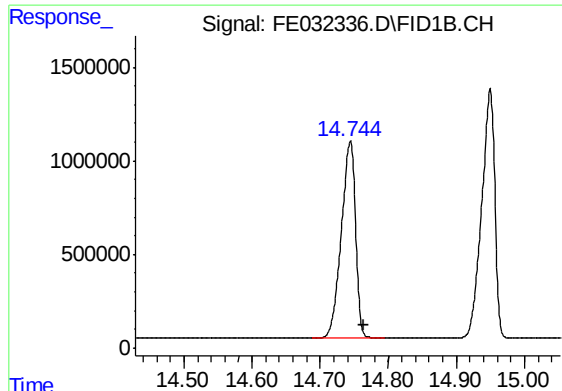
#7 N-EICOSANE

R.T.: 12.650 min  
Delta R.T.: -0.018 min  
Response: 17737342  
Conc: 50.43 ug/ml



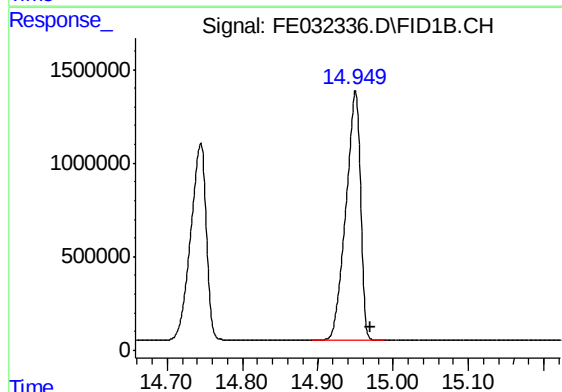
#8 N-DOCOSANE

R.T.: 13.848 min  
Delta R.T.: -0.019 min  
Response: 17651921  
Conc: 50.23 ug/ml



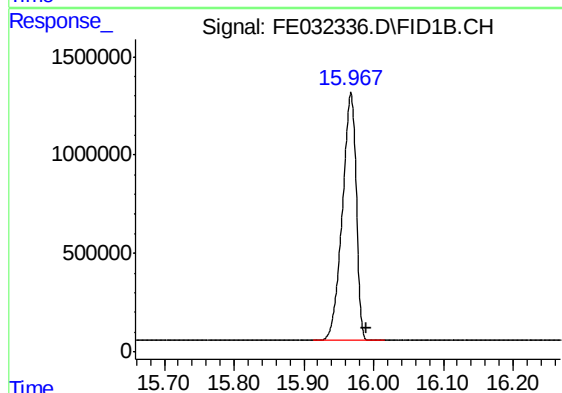
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.745 min  
Delta R.T.: -0.019 min  
Response: 15257717  
Conc: 50.15 ug/ml



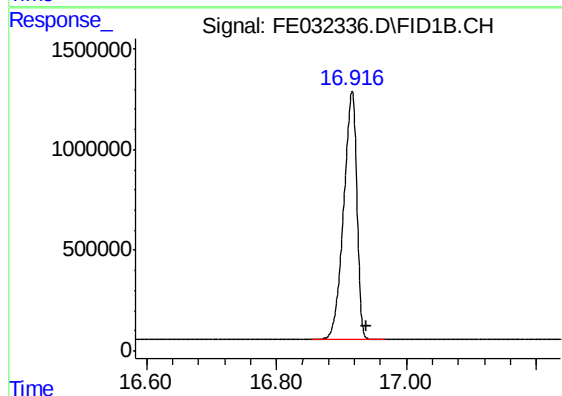
#10 N-TETRACOSANE

R.T.: 14.950 min  
Delta R.T.: -0.020 min  
Response: 17691263  
Conc: 49.98 ug/ml



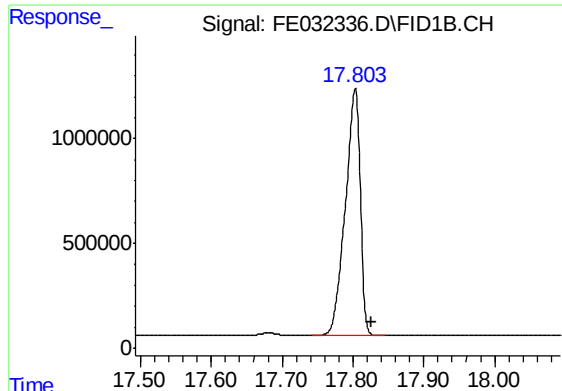
#11 N-HEXACOSANE

R.T.: 15.968 min  
Delta R.T.: -0.022 min  
Response: 17434696  
Conc: 49.68 ug/ml



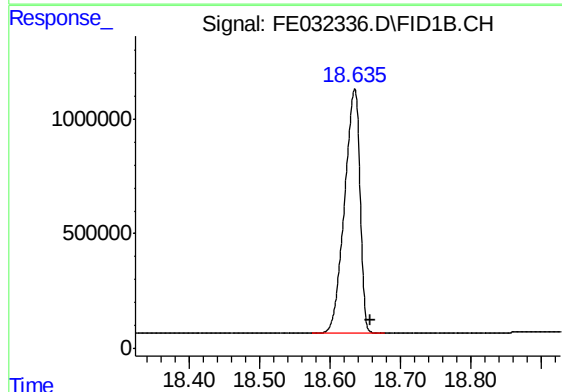
#12 N-OCTACOSANE

R.T.: 16.916 min  
Delta R.T.: -0.023 min  
Response: 17395590  
Conc: 49.46 ug/ml



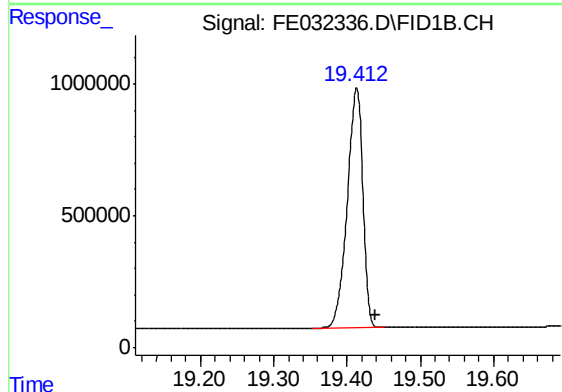
#13 N-TRIACONTANE

R.T.: 17.803 min  
Delta R.T.: -0.024 min  
Response: 17319439  
Conc: 49.26 ug/ml



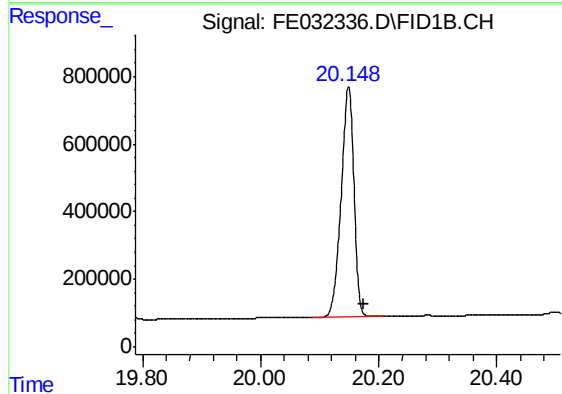
#14 N-DOTRIACONTANE

R.T.: 18.635 min  
Delta R.T.: -0.022 min  
Response: 16240374  
Conc: 48.81 ug/ml



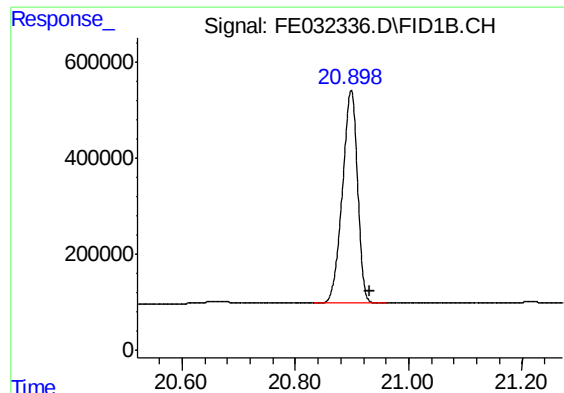
#15 N-TETRATRIACONTANE

R.T.: 19.413 min  
Delta R.T.: -0.025 min  
Response: 13487341  
Conc: 48.05 ug/ml



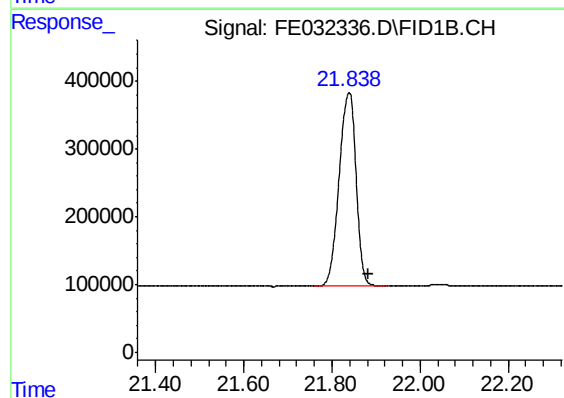
#16 N-HEXATRIACONTANE

R.T.: 20.149 min  
Delta R.T.: -0.027 min  
Response: 10272526  
Conc: 47.52 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.898 min  
Delta R.T.: -0.033 min  
Response: 8204869  
Conc: 46.60 ug/ml



#18 N-TETRACONTANE

R.T.: 21.839 min  
Delta R.T.: -0.045 min  
Response: 7588067  
Conc: 46.13 ug/ml