

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101821\  
 Data File : FE034456.D  
 Signal(s) : FID1B.CH  
 Acq On : 18 Oct 2021 11:56  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 18 23:52:45 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE100821.M  
 Quant Title :  
 QLast Update : Fri Oct 08 16:08:59 2021  
 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... | 14.625 | 16363118 | 47.986 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.358  | 19375060 | 50.411 ug/ml |
| 2) N-DECANE                   | 4.394  | 19407795 | 50.519 ug/ml |
| 3) N-DODECANE                 | 6.399  | 19592130 | 51.317 ug/ml |
| 4) N-TETRADECANE              | 8.190  | 19700475 | 50.070 ug/ml |
| 5) N-HEXADECANE               | 9.787  | 19426471 | 49.185 ug/ml |
| 6) N-OCTADECANE               | 11.227 | 19545227 | 48.698 ug/ml |
| 7) N-EICOSANE                 | 12.534 | 19360755 | 48.121 ug/ml |
| 8) N-DOCOSANE                 | 13.729 | 18931295 | 48.171 ug/ml |
| 10) N-TETRACOSANE             | 14.830 | 18668258 | 47.941 ug/ml |
| 11) N-HEXACOSANE              | 15.848 | 18197776 | 47.701 ug/ml |
| 12) N-OCTACOSANE              | 16.794 | 17748567 | 47.017 ug/ml |
| 13) N-TRIACONTANE             | 17.679 | 17136017 | 45.965 ug/ml |
| 14) N-DOTRIACONTANE           | 18.508 | 16153765 | 45.107 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.289 | 15018572 | 44.924 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.025 | 13392488 | 44.347 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.746 | 11413394 | 41.622 ug/ml |
| 18) N-TETRACONTANE            | 21.627 | 9512608  | 36.107 ug/ml |
| -----                         |        |          |              |

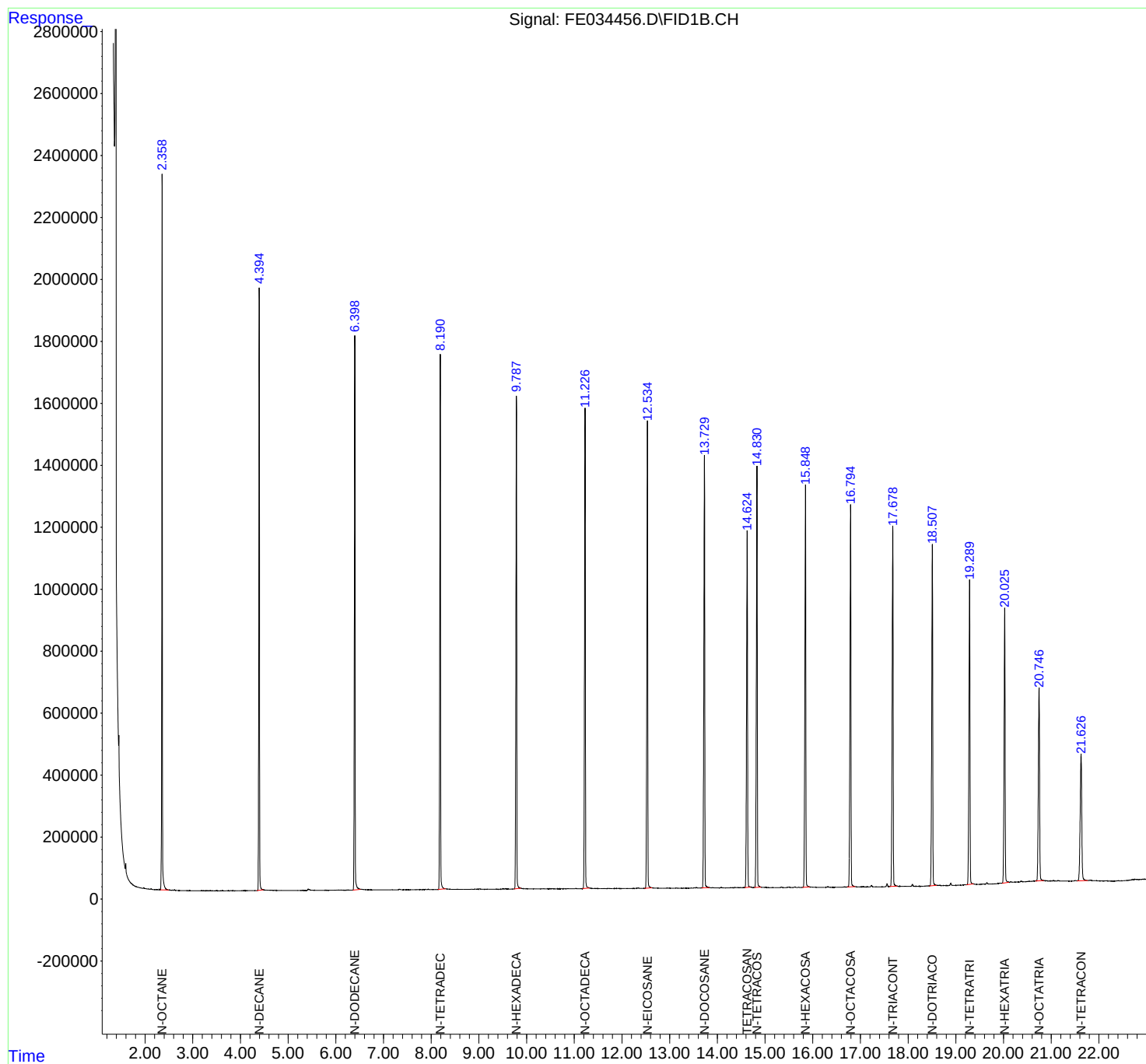
(f)=RT Delta > 1/2 Window

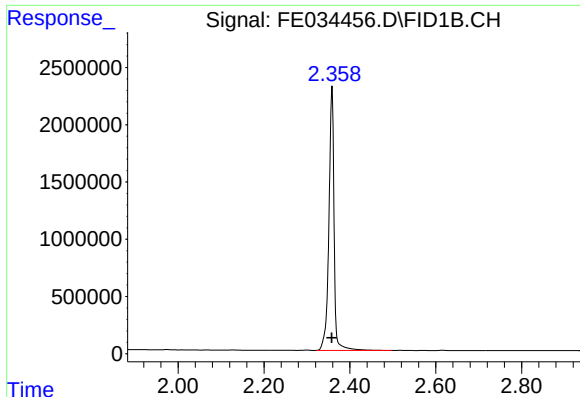
(m)=manual int.

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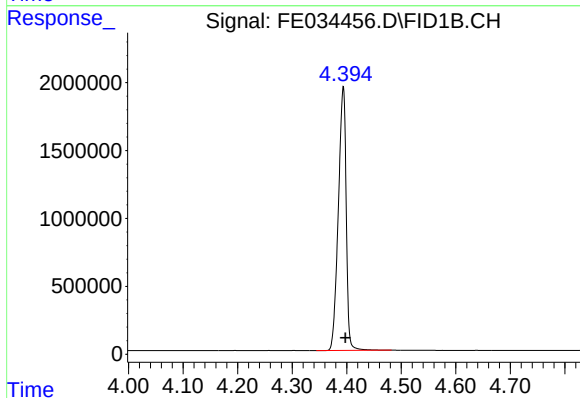
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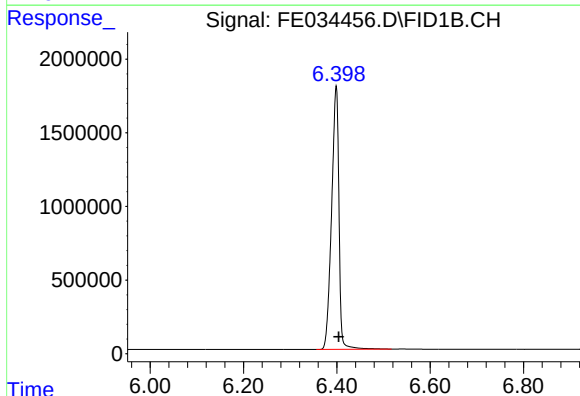
#1 N-OCTANE

R.T.: 2.358 min  
Delta R.T.: 0.000 min  
Response: 19375060  
Conc: 50.41 ug/ml



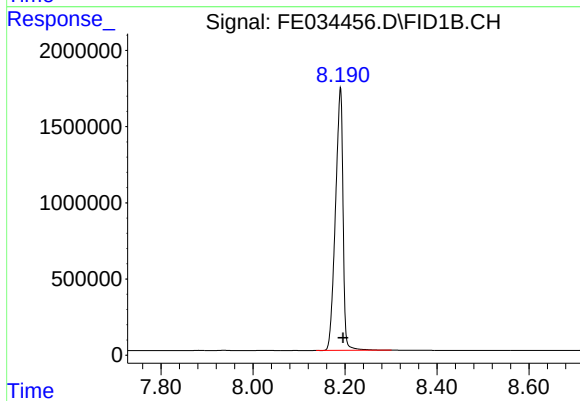
#2 N-DECANE

R.T.: 4.394 min  
Delta R.T.: -0.004 min  
Response: 19407795  
Conc: 50.52 ug/ml



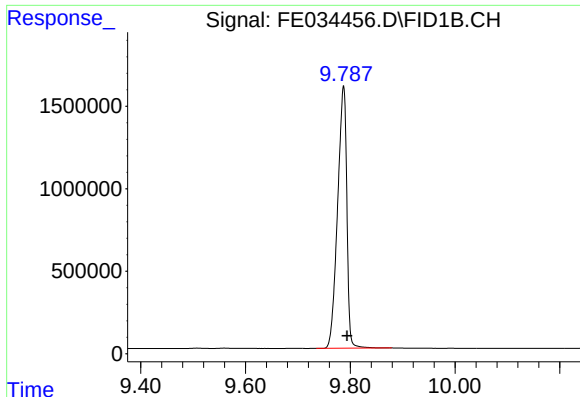
#3 N-DODECANE

R.T.: 6.399 min  
Delta R.T.: -0.005 min  
Response: 19592130  
Conc: 51.32 ug/ml



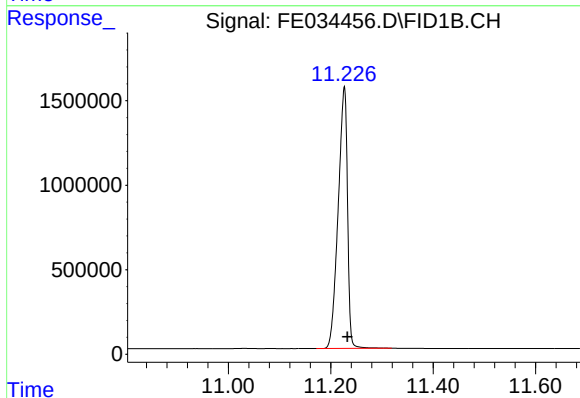
#4 N-TETRADECANE

R.T.: 8.190 min  
Delta R.T.: -0.006 min  
Response: 19700475  
Conc: 50.07 ug/ml



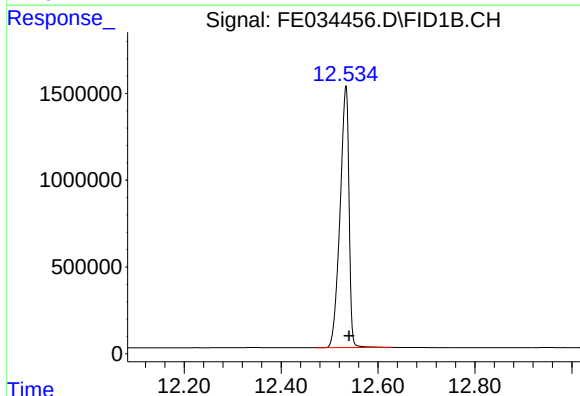
#5 N-HEXADECANE

R.T.: 9.787 min  
Delta R.T.: -0.007 min  
Response: 19426471  
Conc: 49.19 ug/ml



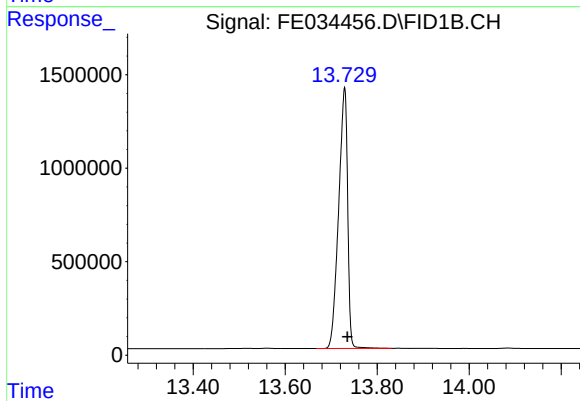
#6 N-OCTADECANE

R.T.: 11.227 min  
Delta R.T.: -0.006 min  
Response: 19545227  
Conc: 48.70 ug/ml



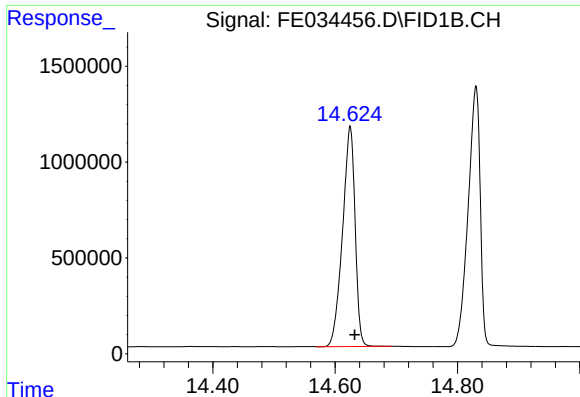
#7 N-EICOSANE

R.T.: 12.534 min  
Delta R.T.: -0.006 min  
Response: 19360755  
Conc: 48.12 ug/ml



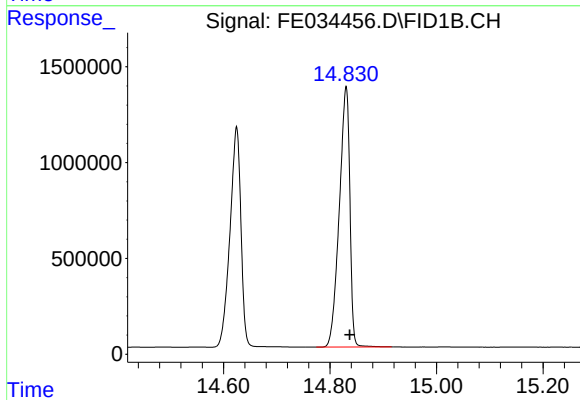
#8 N-DOCOSANE

R.T.: 13.729 min  
Delta R.T.: -0.006 min  
Response: 18931295  
Conc: 48.17 ug/ml



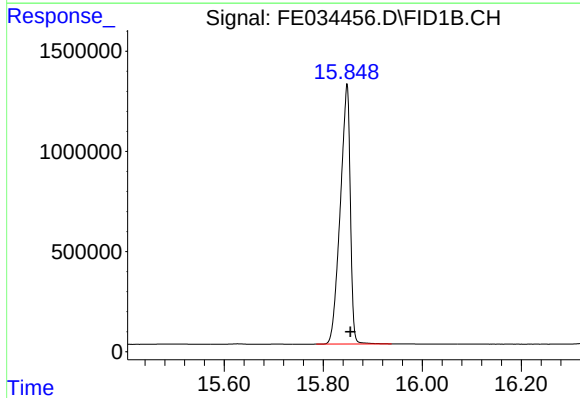
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.625 min  
Delta R.T.: -0.007 min  
Response: 16363118  
Conc: 47.99 ug/ml



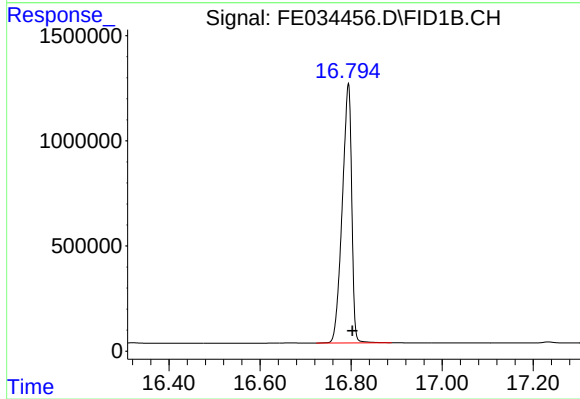
#10 N-TETRACOSANE

R.T.: 14.830 min  
Delta R.T.: -0.007 min  
Response: 18668258  
Conc: 47.94 ug/ml



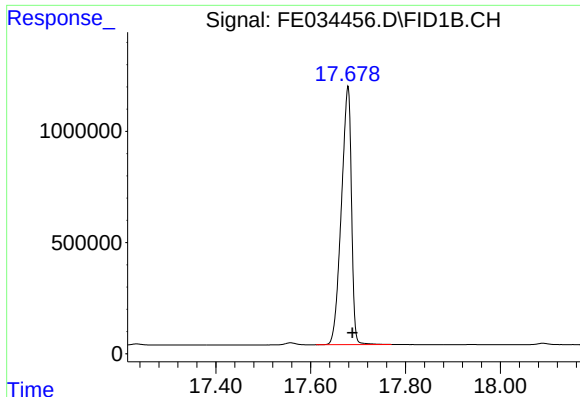
#11 N-HEXACOSANE

R.T.: 15.848 min  
Delta R.T.: -0.007 min  
Response: 18197776  
Conc: 47.70 ug/ml



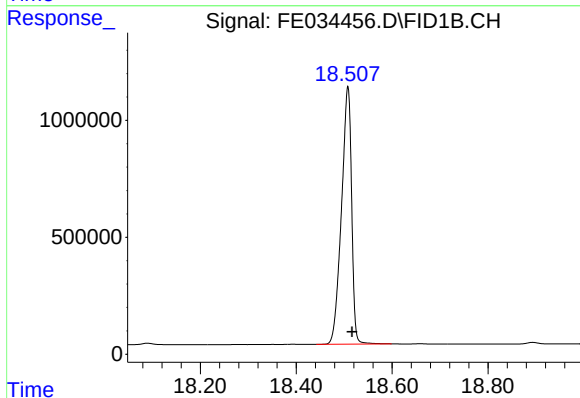
#12 N-OCTACOSANE

R.T.: 16.794 min  
Delta R.T.: -0.009 min  
Response: 17748567  
Conc: 47.02 ug/ml



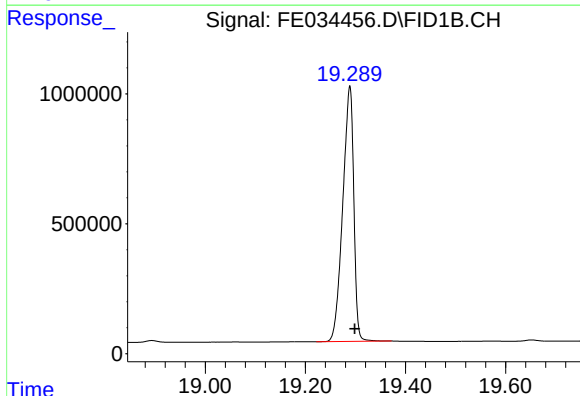
#13 N-TRIACONTANE

R.T.: 17.679 min  
Delta R.T.: -0.009 min  
Response: 17136017  
Conc: 45.97 ug/ml



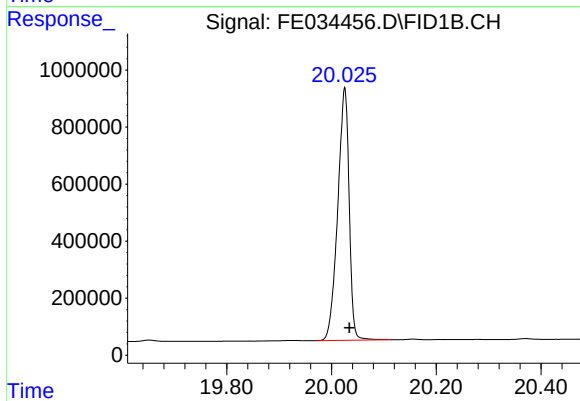
#14 N-DOTRIACONTANE

R.T.: 18.508 min  
Delta R.T.: -0.009 min  
Response: 16153765  
Conc: 45.11 ug/ml



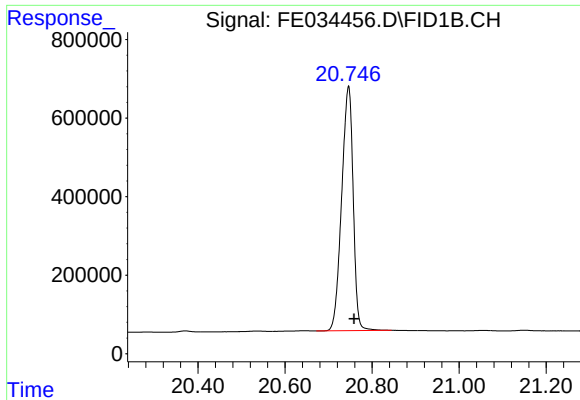
#15 N-TETRATRIACONTANE

R.T.: 19.289 min  
Delta R.T.: -0.010 min  
Response: 15018572  
Conc: 44.92 ug/ml



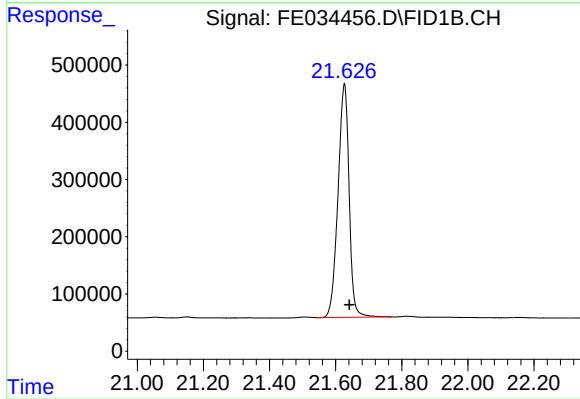
#16 N-HEXATRIACONTANE

R.T.: 20.025 min  
Delta R.T.: -0.009 min  
Response: 13392488  
Conc: 44.35 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.746 min  
Delta R.T.: -0.012 min  
Response: 11413394  
Conc: 41.62 ug/ml



#18 N-TETRACONTANE

R.T.: 21.627 min  
Delta R.T.: -0.015 min  
Response: 9512608  
Conc: 36.11 ug/ml