

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060220\  
 Data File : FE032110.D  
 Signal(s) : FID1B.CH  
 Acq On : 02 Jun 2020 10:18  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 03 01:47:28 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050720.M  
 Quant Title :  
 QLast Update : Thu May 07 13:58:31 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... | 14.357 | 20104221 | 51.869 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.127  | 21529820 | 53.195 ug/ml |
| 2) N-DECANE                   | 4.124  | 22154986 | 55.575 ug/ml |
| 3) N-DODECANE                 | 6.124  | 23071342 | 57.079 ug/ml |
| 4) N-TETRADECANE              | 7.915  | 23637237 | 56.599 ug/ml |
| 5) N-HEXADECANE               | 9.512  | 23313656 | 54.495 ug/ml |
| 6) N-OCTADECANE               | 10.953 | 24108942 | 53.745 ug/ml |
| 7) N-EICOSANE                 | 12.260 | 23475299 | 52.935 ug/ml |
| 8) N-DOCOSANE                 | 13.459 | 23402628 | 52.215 ug/ml |
| 10) N-TETRACOSANE             | 14.563 | 22922760 | 51.786 ug/ml |
| 11) N-HEXACOSANE              | 15.584 | 22139415 | 50.601 ug/ml |
| 12) N-OCTACOSANE              | 16.535 | 21537683 | 49.598 ug/ml |
| 13) N-TRIACONTANE             | 17.422 | 21138098 | 48.645 ug/ml |
| 14) N-DOTRIACONTANE           | 18.255 | 19895613 | 47.708 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.039 | 18528814 | 46.876 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.778 | 16487144 | 44.364 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.479 | 13671704 | 40.665 ug/ml |
| 18) N-TETRACONTANE            | 21.277 | 11638634 | 34.398 ug/ml |
| -----                         |        |          |              |

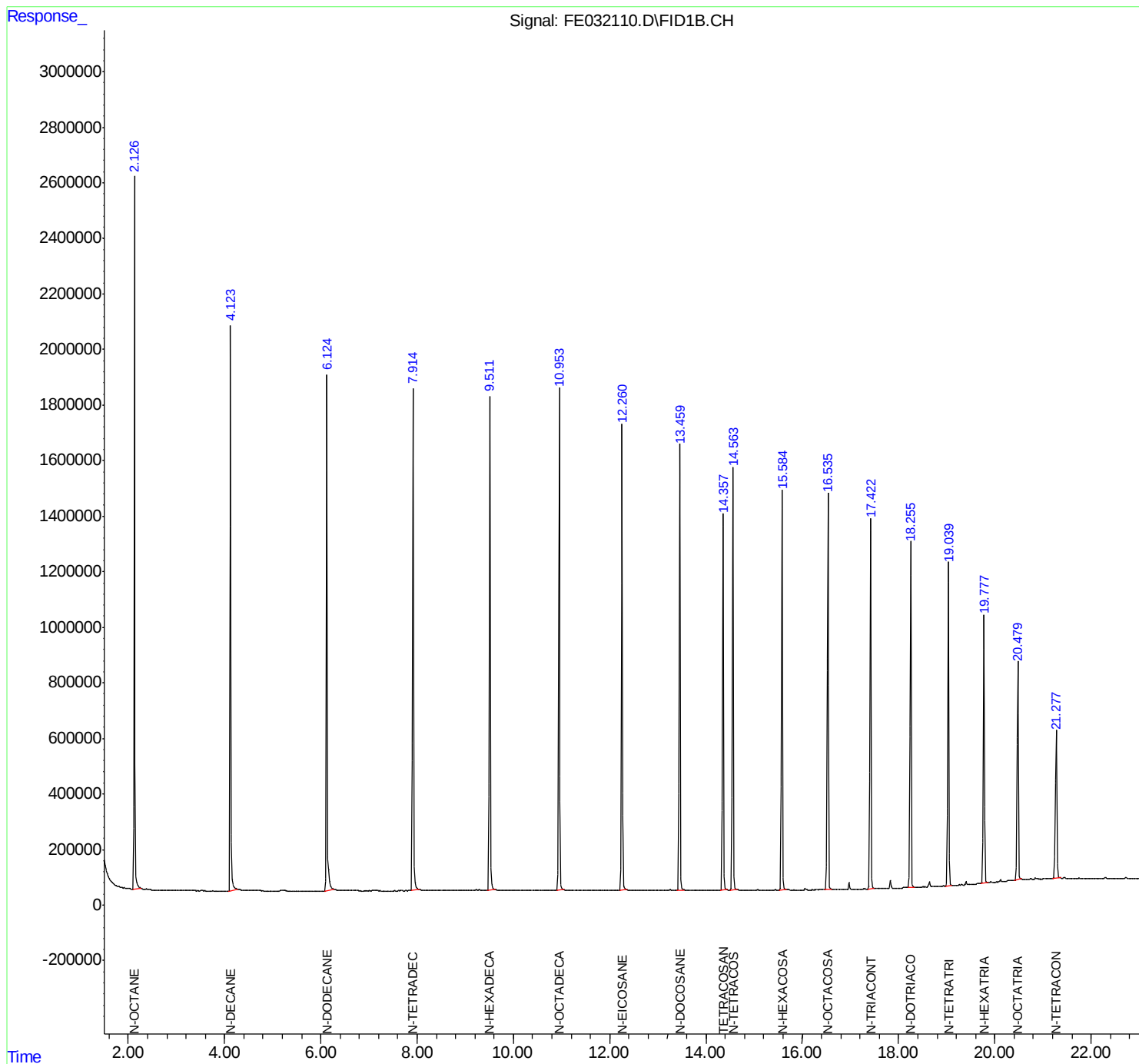
(f)=RT Delta > 1/2 Window

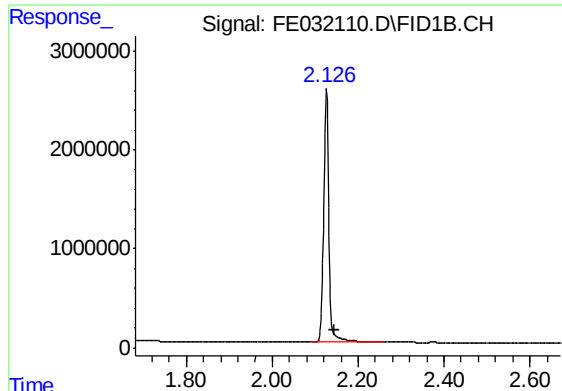
(m)=manual int.

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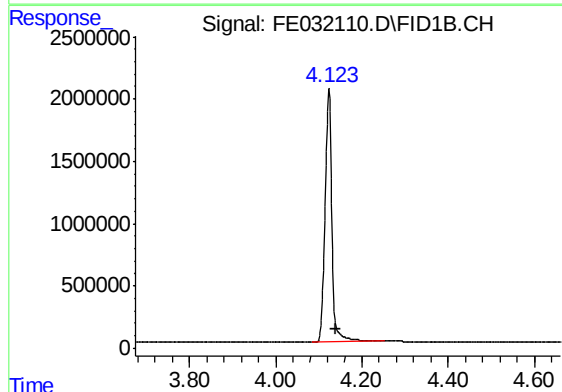
Volume Inj. : 1uL  
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Signal Info : 20mx0.18mmx0.18um





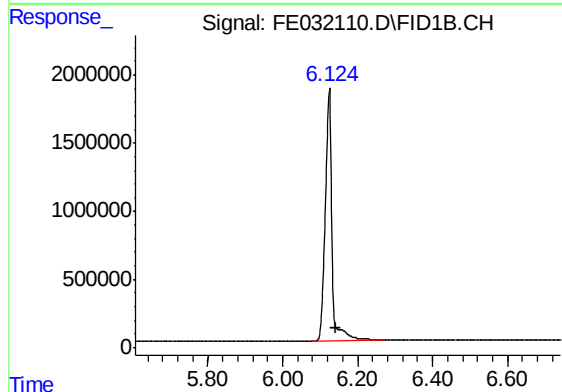
#1 N-OCTANE

R.T.: 2.127 min  
Delta R.T.: -0.017 min  
Response: 21529820  
Conc: 53.20 ug/ml



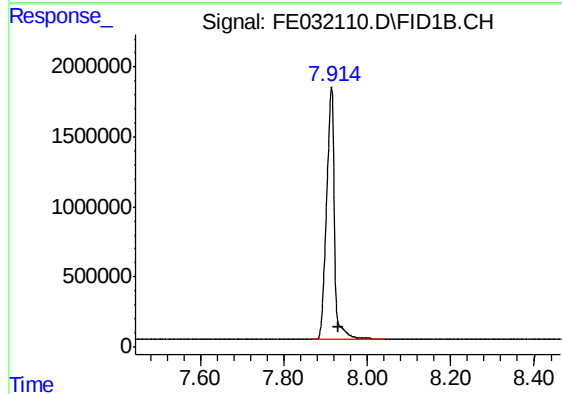
#2 N-DECANE

R.T.: 4.124 min  
Delta R.T.: -0.017 min  
Response: 22154986  
Conc: 55.57 ug/ml



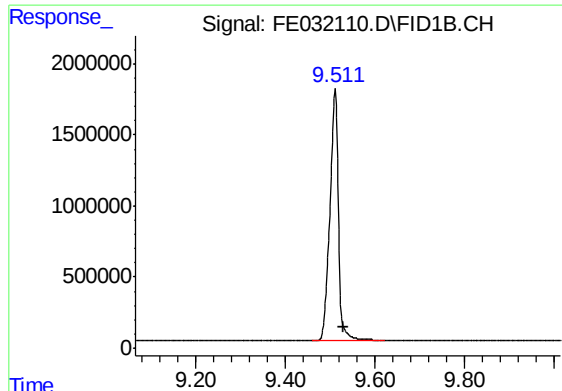
#3 N-DODECANE

R.T.: 6.124 min  
Delta R.T.: -0.017 min  
Response: 23071342  
Conc: 57.08 ug/ml



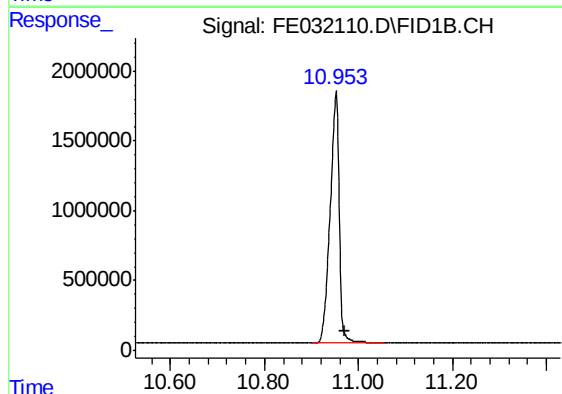
#4 N-TETRADECANE

R.T.: 7.915 min  
Delta R.T.: -0.017 min  
Response: 23637237  
Conc: 56.60 ug/ml



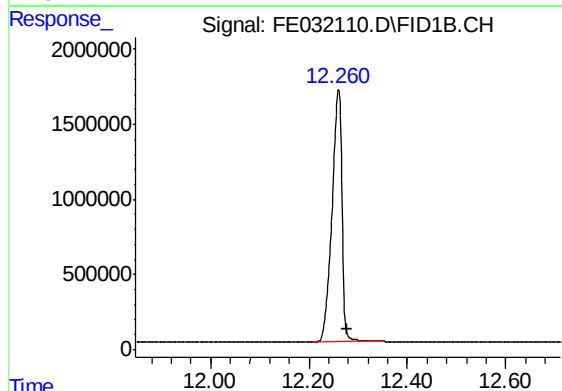
#5 N-HEXADECANE

R.T.: 9.512 min  
Delta R.T.: -0.018 min  
Response: 23313656  
Conc: 54.50 ug/ml



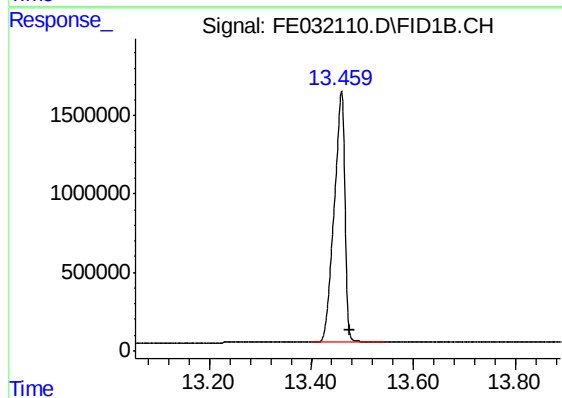
#6 N-OCTADECANE

R.T.: 10.953 min  
Delta R.T.: -0.018 min  
Response: 24108942  
Conc: 53.74 ug/ml



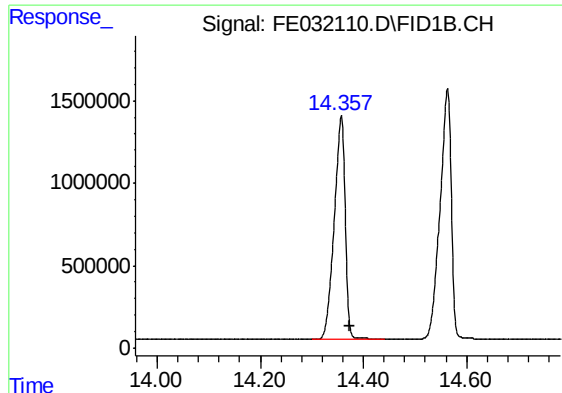
#7 N-EICOSANE

R.T.: 12.260 min  
Delta R.T.: -0.017 min  
Response: 23475299  
Conc: 52.93 ug/ml



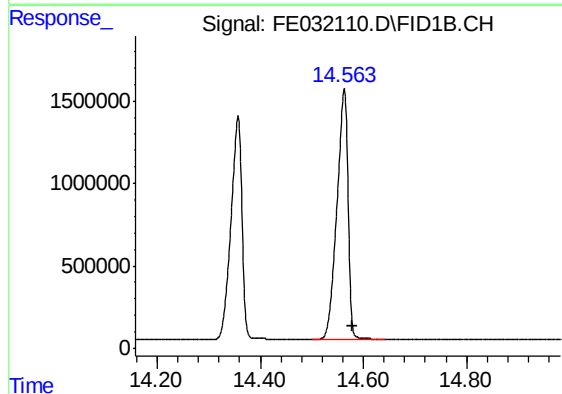
#8 N-DOCOSANE

R.T.: 13.459 min  
Delta R.T.: -0.016 min  
Response: 23402628  
Conc: 52.22 ug/ml



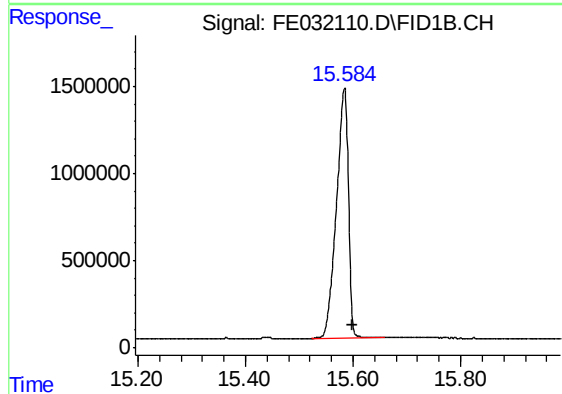
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.357 min  
Delta R.T.: -0.016 min  
Response: 20104221  
Conc: 51.87 ug/ml



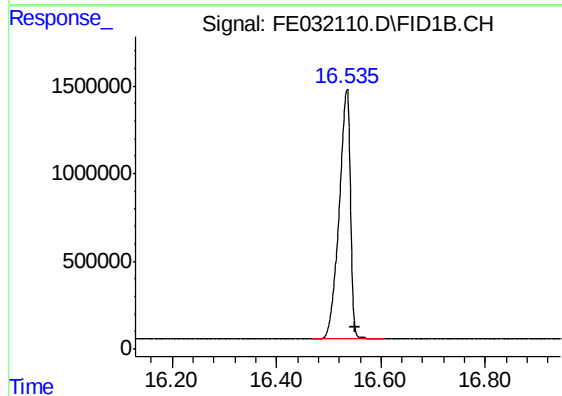
#10 N-TETRACOSANE

R.T.: 14.563 min  
Delta R.T.: -0.016 min  
Response: 22922760  
Conc: 51.79 ug/ml



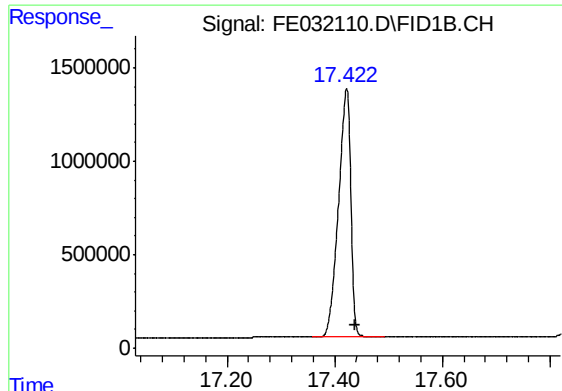
#11 N-HEXACOSANE

R.T.: 15.584 min  
Delta R.T.: -0.015 min  
Response: 22139415  
Conc: 50.60 ug/ml



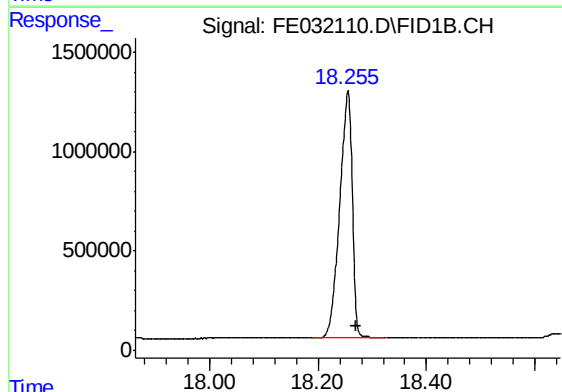
#12 N-OCTACOSANE

R.T.: 16.535 min  
Delta R.T.: -0.015 min  
Response: 21537683  
Conc: 49.60 ug/ml



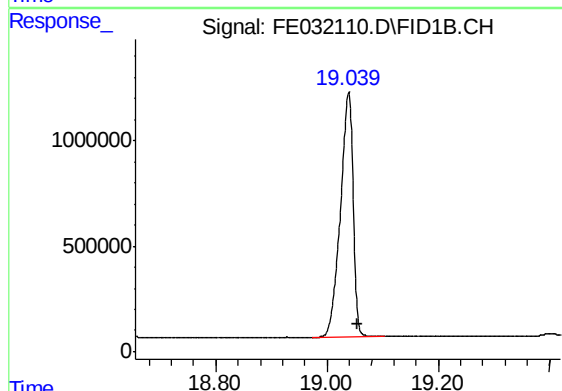
#13 N-TRIACONTANE

R.T.: 17.422 min  
Delta R.T.: -0.015 min  
Response: 21138098  
Conc: 48.65 ug/ml



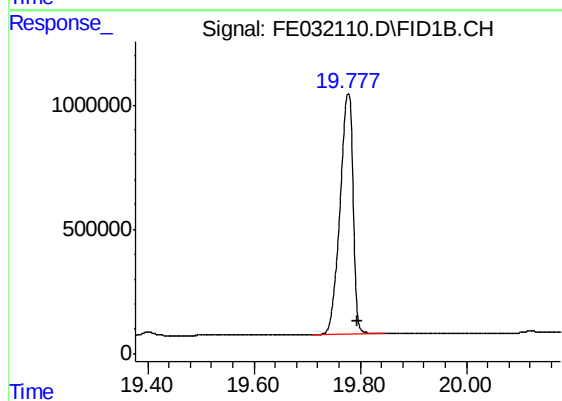
#14 N-DOTRIACONTANE

R.T.: 18.255 min  
Delta R.T.: -0.016 min  
Response: 19895613  
Conc: 47.71 ug/ml



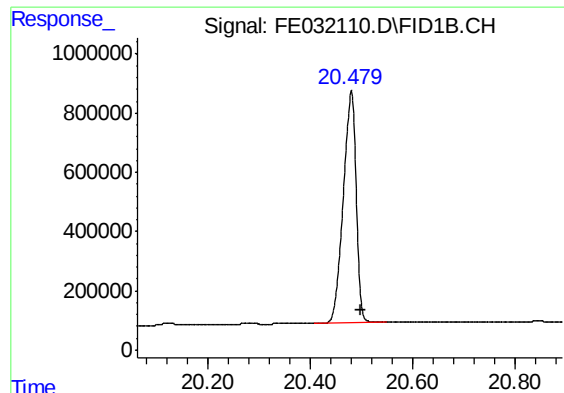
#15 N-TETRATRIACONTANE

R.T.: 19.039 min  
Delta R.T.: -0.016 min  
Response: 18528814  
Conc: 46.88 ug/ml



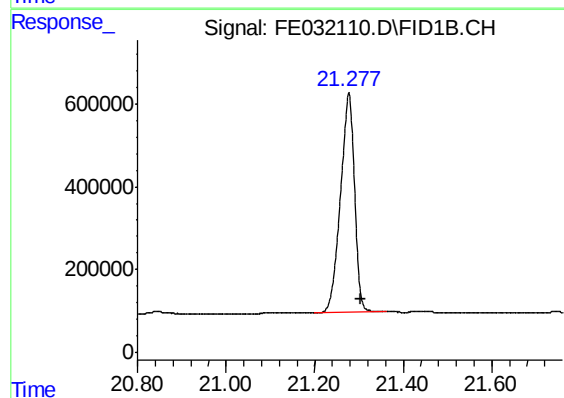
#16 N-HEXATRIACONTANE

R.T.: 19.778 min  
Delta R.T.: -0.017 min  
Response: 16487144  
Conc: 44.36 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.479 min  
Delta R.T.: -0.019 min  
Response: 13671704  
Conc: 40.66 ug/ml



#18 N-TETRACONTANE

R.T.: 21.277 min  
Delta R.T.: -0.027 min  
Response: 11638634  
Conc: 34.40 ug/ml