

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060421\  
 Data File : FE033891.D  
 Signal(s) : FID1B.CH  
 Acq On : 04 Jun 2021 15:44  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Jun 04 22:59:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050521.M  
 Quant Title :  
 QLast Update : Thu May 06 02:18:38 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... | 14.726 | 19094556 | 47.243 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.401  | 20341769 | 49.041 ug/ml |
| 2) N-DECANE                   | 4.463  | 21990967 | 51.259 ug/ml |
| 3) N-DODECANE                 | 6.477  | 22373952 | 51.131 ug/ml |
| 4) N-TETRADECANE              | 8.274  | 22689715 | 50.370 ug/ml |
| 5) N-HEXADECANE               | 9.876  | 22401623 | 49.709 ug/ml |
| 6) N-OCTADECANE               | 11.319 | 22706351 | 49.293 ug/ml |
| 7) N-EICOSANE                 | 12.630 | 22319294 | 48.621 ug/ml |
| 8) N-DOCOSANE                 | 13.829 | 22042162 | 47.804 ug/ml |
| 10) N-TETRACOSANE             | 14.934 | 21772624 | 47.155 ug/ml |
| 11) N-HEXACOSANE              | 15.956 | 21064139 | 45.907 ug/ml |
| 12) N-OCTACOSANE              | 16.907 | 20610376 | 44.937 ug/ml |
| 13) N-TRIACONTANE             | 17.795 | 20158263 | 44.220 ug/ml |
| 14) N-DOTRIACONTANE           | 18.628 | 19425894 | 43.641 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.412 | 18768089 | 43.661 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.153 | 17868675 | 44.569 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.900 | 17080662 | 46.348 ug/ml |
| 18) N-TETRACONTANE            | 21.829 | 17521879 | 48.457 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

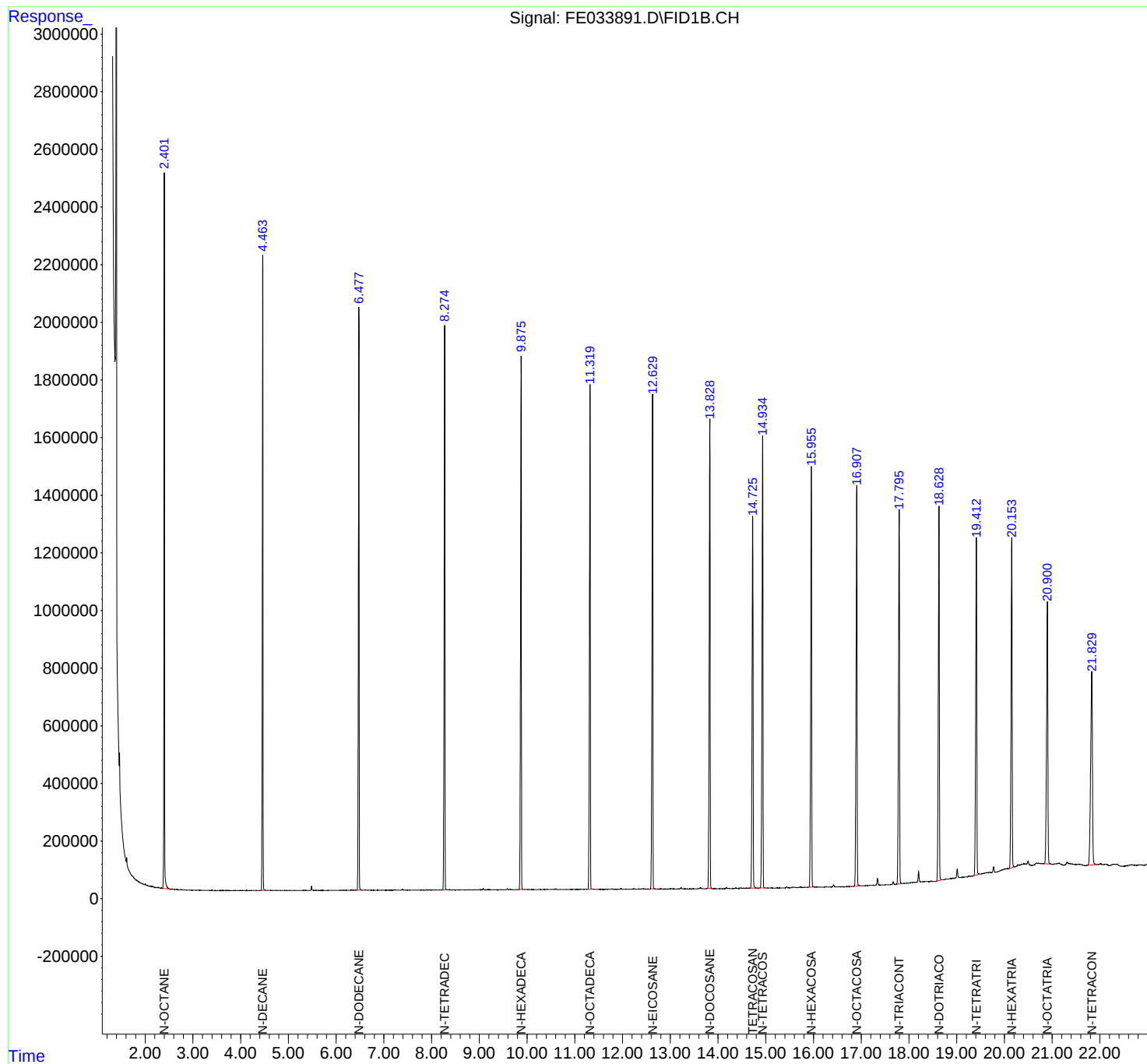
(m)=manual int.

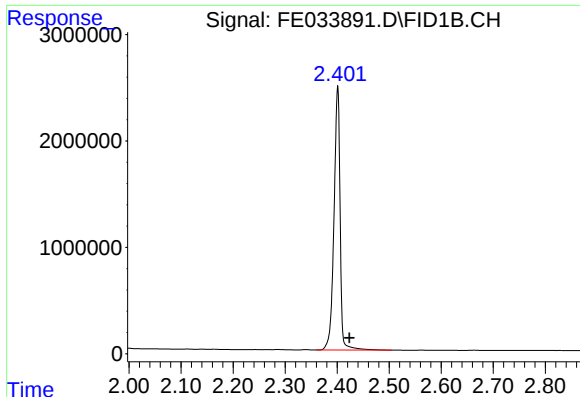
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060421\  
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

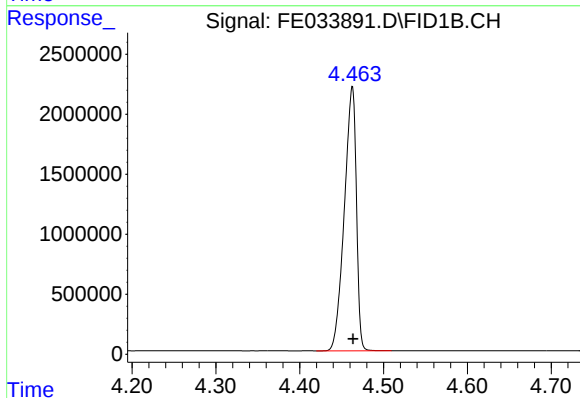




#1 N-OCTANE

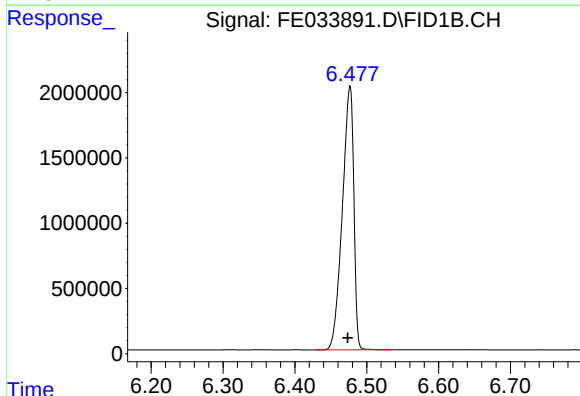
R.T.: 2.401 min  
Delta R.T.: -0.023 min  
Response: 20341769  
Conc: 49.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



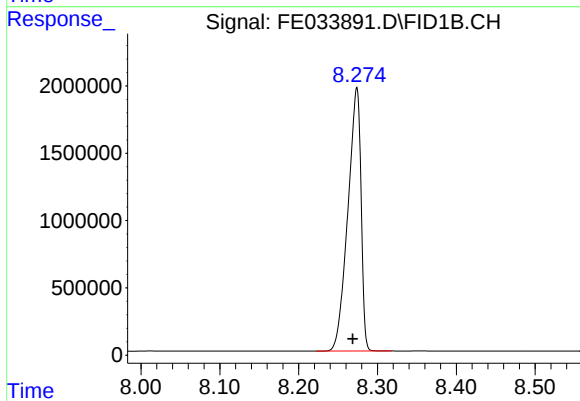
#2 N-DECANE

R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 21990967  
Conc: 51.26 ug/ml



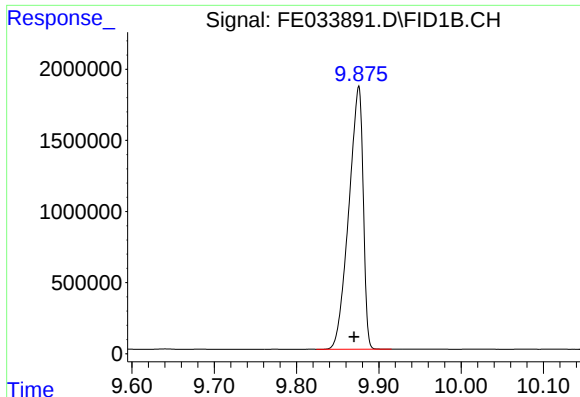
#3 N-DODECANE

R.T.: 6.477 min  
Delta R.T.: 0.003 min  
Response: 22373952  
Conc: 51.13 ug/ml



#4 N-TETRADECANE

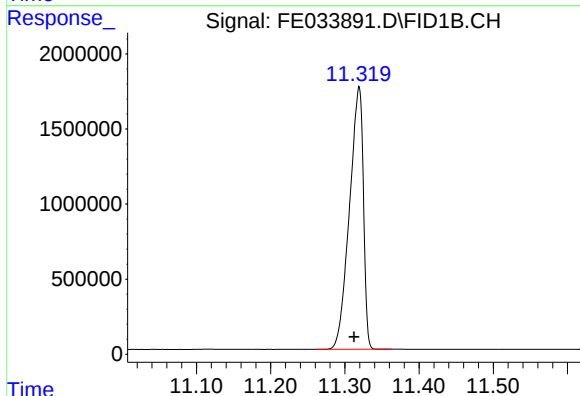
R.T.: 8.274 min  
Delta R.T.: 0.005 min  
Response: 22689715  
Conc: 50.37 ug/ml



#5 N-HEXADECANE

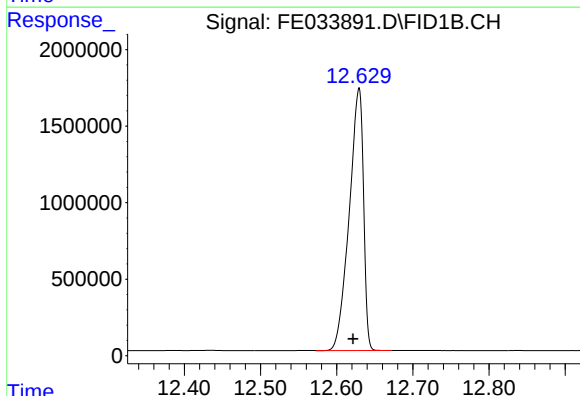
R.T.: 9.876 min  
Delta R.T.: 0.006 min  
Response: 22401623  
Conc: 49.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



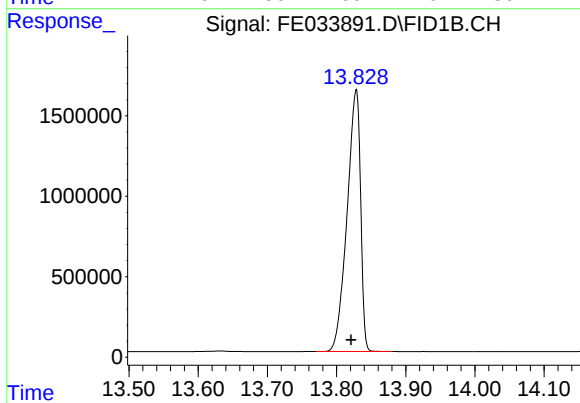
#6 N-OCTADECANE

R.T.: 11.319 min  
Delta R.T.: 0.007 min  
Response: 22706351  
Conc: 49.29 ug/ml



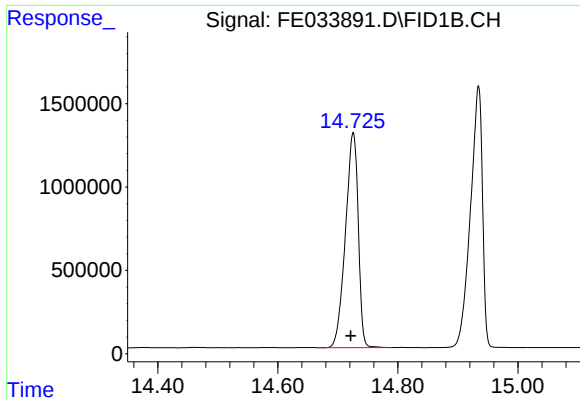
#7 N-EICOSANE

R.T.: 12.630 min  
Delta R.T.: 0.008 min  
Response: 22319294  
Conc: 48.62 ug/ml



#8 N-DOCOSANE

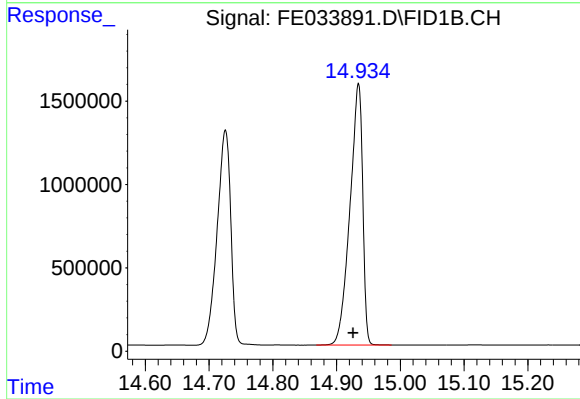
R.T.: 13.829 min  
Delta R.T.: 0.008 min  
Response: 22042162  
Conc: 47.80 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

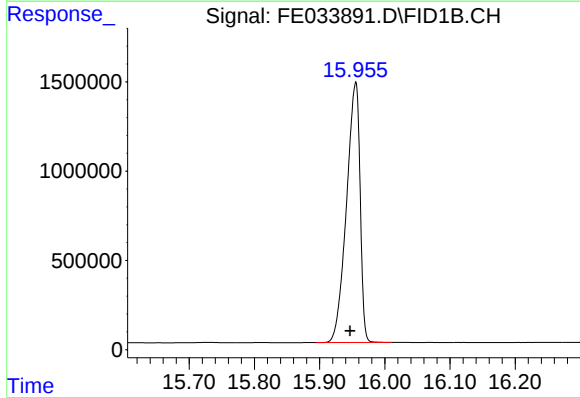
R.T.: 14.726 min  
Delta R.T.: 0.004 min  
Response: 19094556  
Conc: 47.24 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



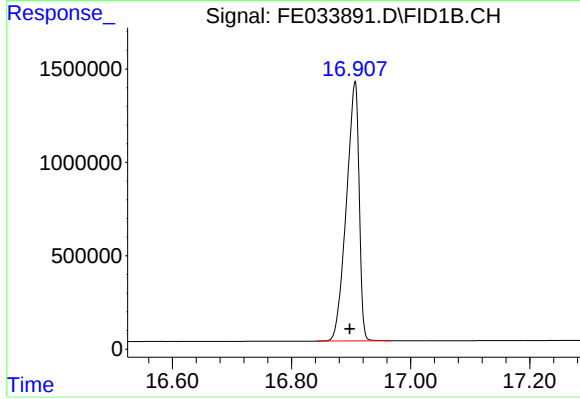
#10 N-TETRACOSANE

R.T.: 14.934 min  
Delta R.T.: 0.009 min  
Response: 21772624  
Conc: 47.15 ug/ml



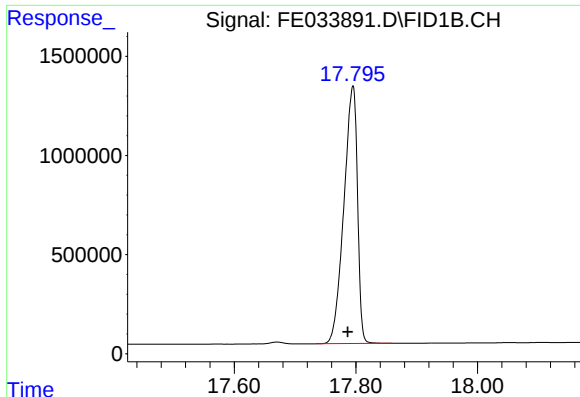
#11 N-HEXACOSANE

R.T.: 15.956 min  
Delta R.T.: 0.009 min  
Response: 21064139  
Conc: 45.91 ug/ml



#12 N-OCTACOSANE

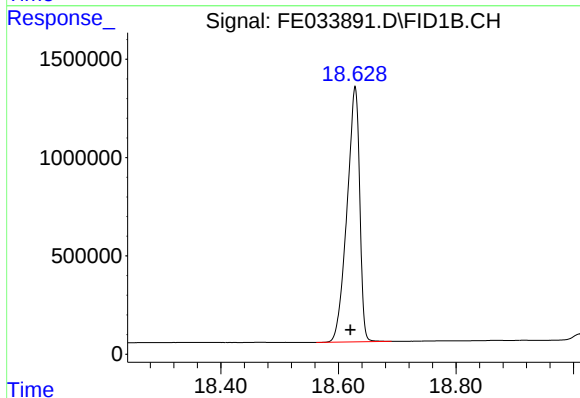
R.T.: 16.907 min  
Delta R.T.: 0.009 min  
Response: 20610376  
Conc: 44.94 ug/ml



#13 N-TRIACONTANE

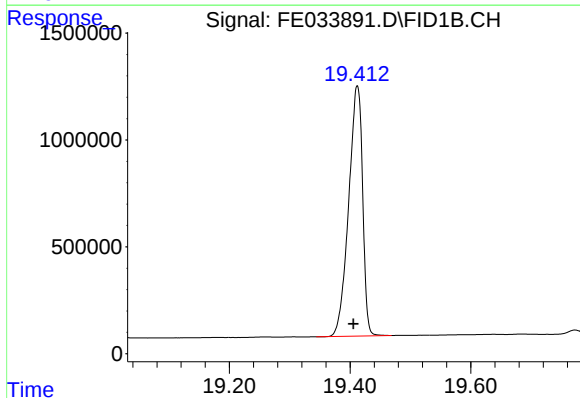
R.T.: 17.795 min  
Delta R.T.: 0.009 min  
Response: 20158263  
Conc: 44.22 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



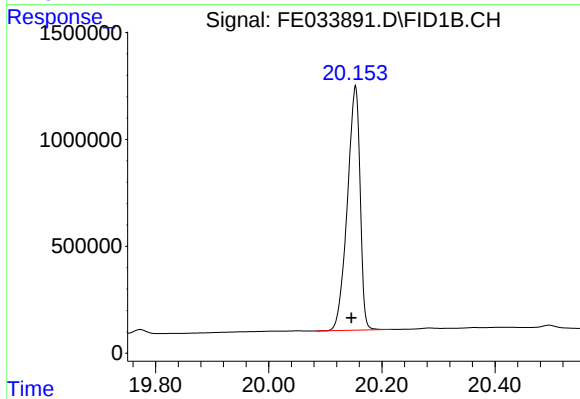
#14 N-DOTRIACONTANE

R.T.: 18.628 min  
Delta R.T.: 0.008 min  
Response: 19425894  
Conc: 43.64 ug/ml



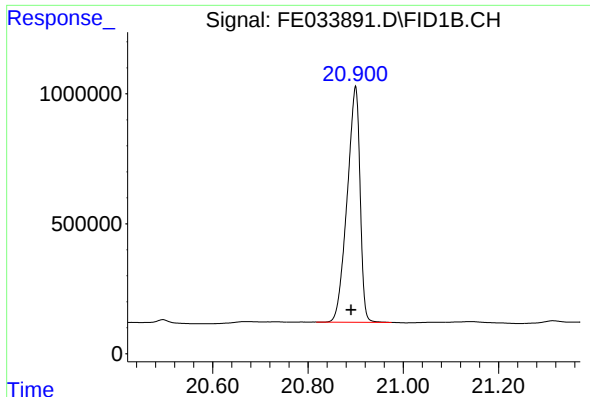
#15 N-TETRATRIACONTANE

R.T.: 19.412 min  
Delta R.T.: 0.006 min  
Response: 18768089  
Conc: 43.66 ug/ml



#16 N-HEXATRIACONTANE

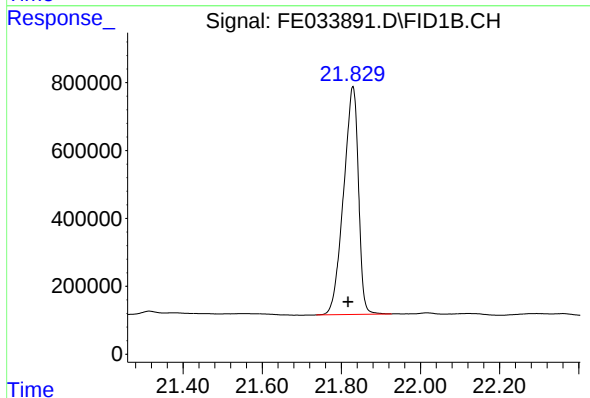
R.T.: 20.153 min  
Delta R.T.: 0.007 min  
Response: 17868675  
Conc: 44.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.900 min  
Delta R.T.: 0.009 min  
Response: 17080662  
Conc: 46.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.829 min  
Delta R.T.: 0.012 min  
Response: 17521879  
Conc: 48.46 ug/ml