

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082024\  
 Data File : FG014125.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Aug 2024 15:25  
 Operator : YP\AJ  
 Sample : P3652-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LIVONIA-SOILMSD

Integration File: autoint1.e  
 Quant Time: Aug 21 02:54:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG081624.M  
 Quant Title :  
 QLast Update : Fri Aug 16 10:59:42 2024  
 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... | 14.932 | 1557741  | 14.741 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.959  | 1420418  | 12.904 ug/ml |
| 2) N-DECANE                   | 4.455  | 1676672  | 16.833 ug/ml |
| 3) N-DODECANE                 | 6.627  | 1914301  | 18.639 ug/ml |
| 4) N-TETRADECANE              | 8.460  | 2027200  | 18.561 ug/ml |
| 5) N-HEXADECANE               | 10.070 | 2225394  | 19.860 ug/ml |
| 6) N-OCTADECANE               | 11.516 | 2333708  | 20.015 ug/ml |
| 7) N-EICOSANE                 | 12.829 | 2432444  | 20.437 ug/ml |
| 8) N-DOCOSANE                 | 14.030 | 2489515  | 21.228 ug/ml |
| 10) N-TETRACOSANE             | 15.136 | 2409846  | 20.389 ug/ml |
| 11) N-HEXACOSANE              | 16.161 | 2380677  | 20.109 ug/ml |
| 12) N-OCTACOSANE              | 17.112 | 2497826  | 21.188 ug/ml |
| 13) N-TRIACONTANE             | 18.002 | 2360829  | 19.716 ug/ml |
| 14) N-DOTRIACONTANE           | 18.836 | 2117975  | 17.724 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.622 | 1325578  | 11.383 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.363 | 1047221  | 9.074 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.092 | 772645   | 7.440 ug/ml  |
| 18) N-TETRACONTANE            | 21.986 | 871452   | 8.911 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

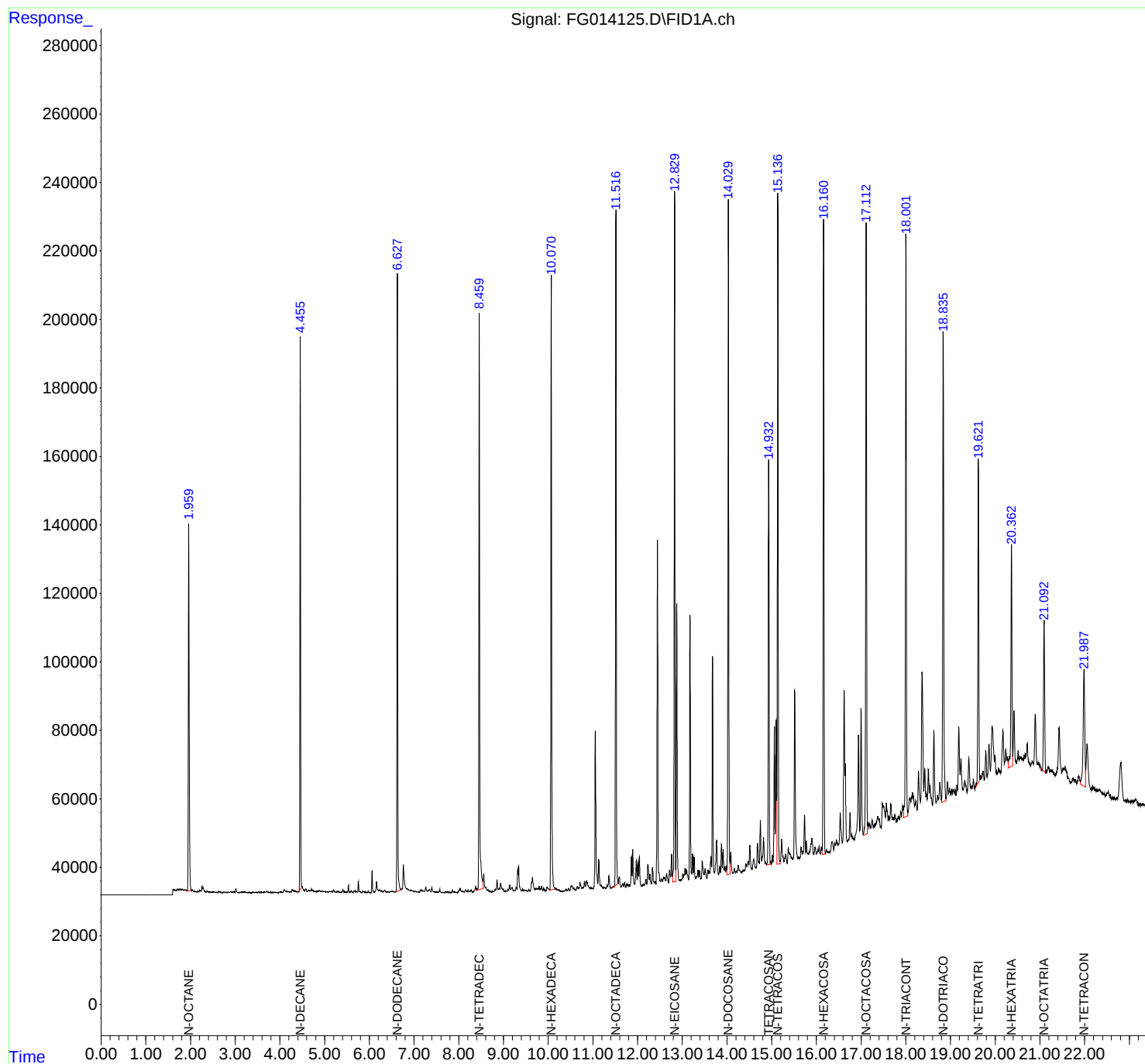
(m)=manual int.

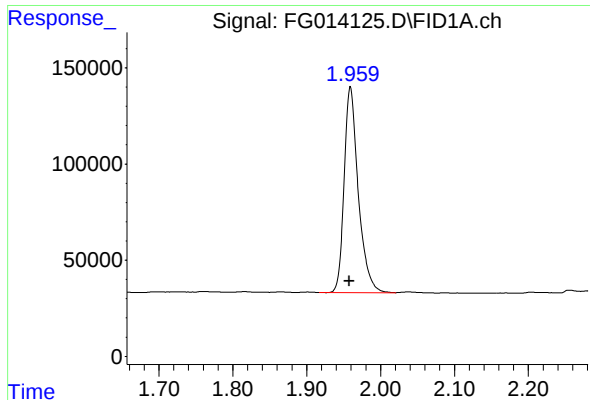
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082024\  
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Quant Title :  
QLast Update : Fri Aug 16 10:59:42 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

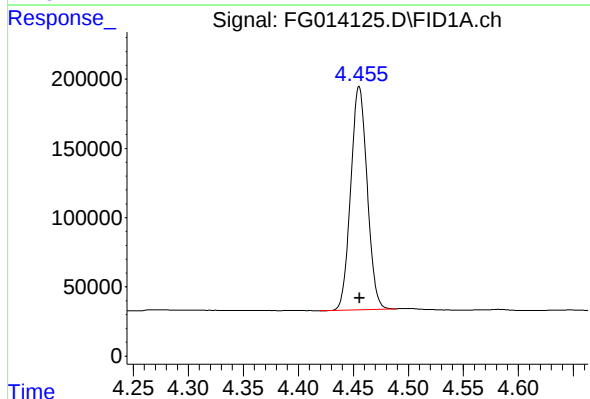




#1 N-OCTANE

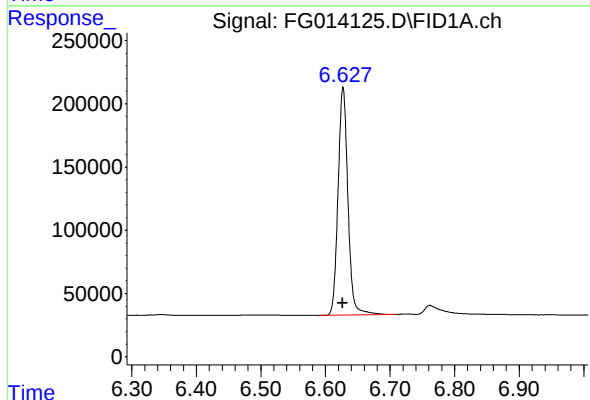
R.T.: 1.959 min  
Delta R.T.: 0.001 min  
Response: 1420418  
Conc: 12.90 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LIVONIA-SOILMSD



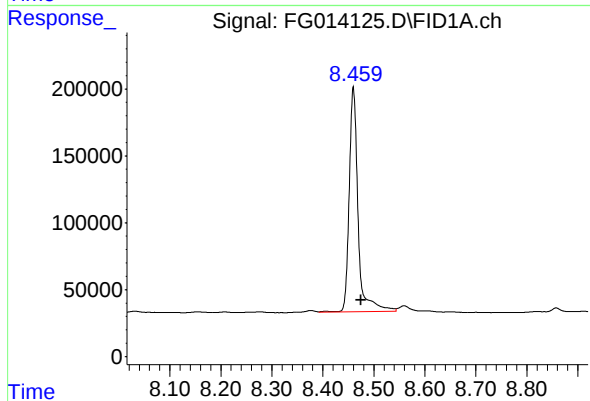
#2 N-DECANE

R.T.: 4.455 min  
Delta R.T.: 0.000 min  
Response: 1676672  
Conc: 16.83 ug/ml



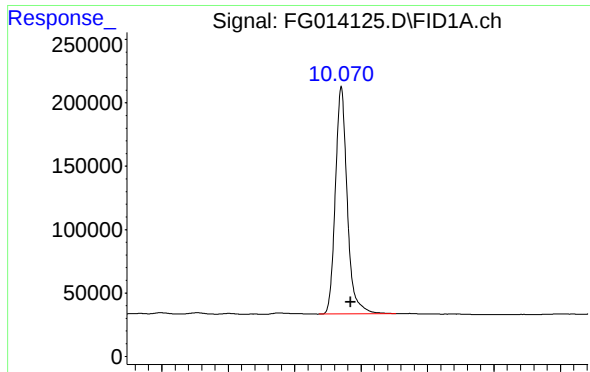
#3 N-DODECANE

R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 1914301  
Conc: 18.64 ug/ml



#4 N-TETRADECANE

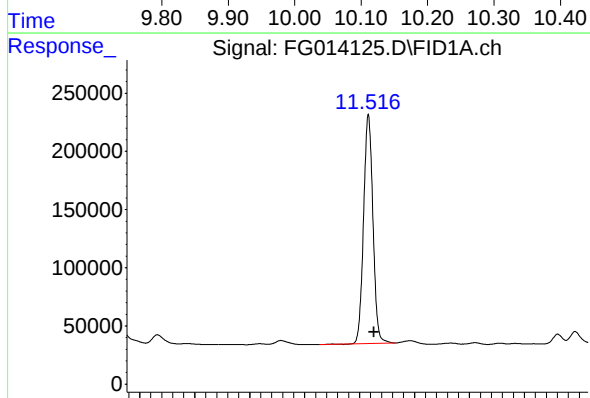
R.T.: 8.460 min  
Delta R.T.: -0.015 min  
Response: 2027200  
Conc: 18.56 ug/ml



#5 N-HEXADECANE

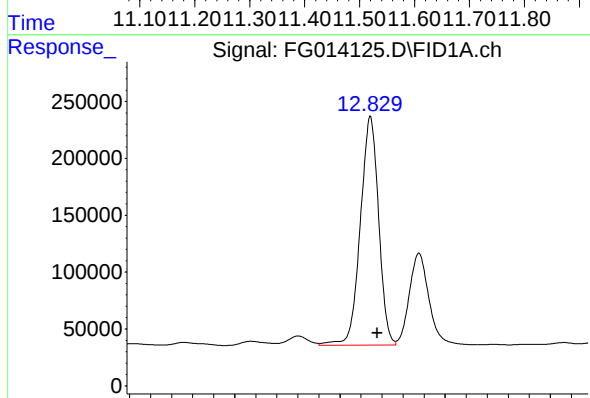
R.T.: 10.070 min  
Delta R.T.: -0.014 min  
Response: 2225394  
Conc: 19.86 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LIVONIA-SOILMSD



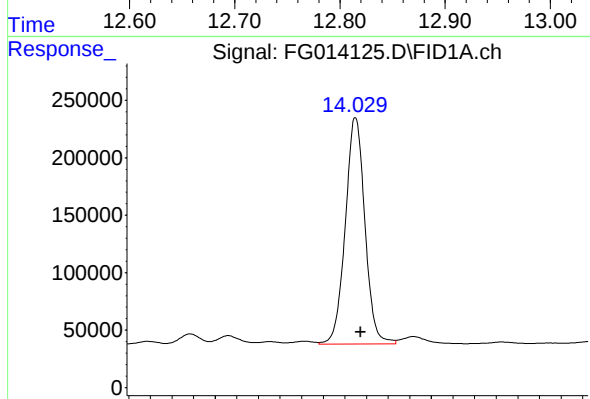
#6 N-OCTADECANE

R.T.: 11.516 min  
Delta R.T.: -0.010 min  
Response: 2333708  
Conc: 20.01 ug/ml



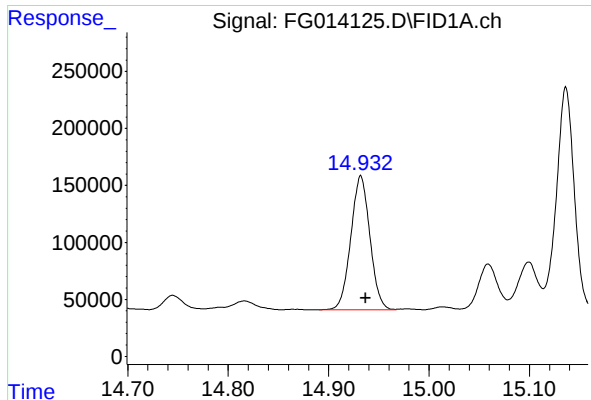
#7 N-EICOSANE

R.T.: 12.829 min  
Delta R.T.: -0.007 min  
Response: 2432444  
Conc: 20.44 ug/ml



#8 N-DOCOSANE

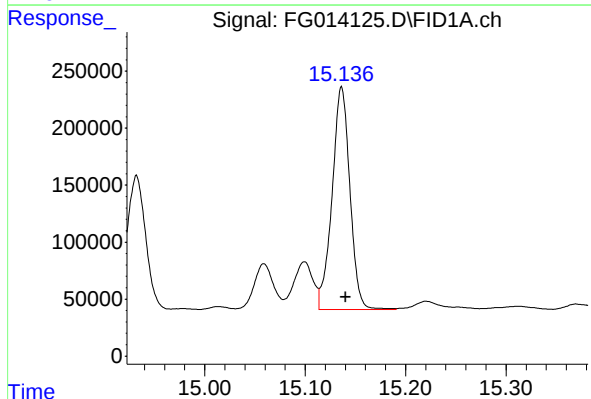
R.T.: 14.030 min  
Delta R.T.: -0.005 min  
Response: 2489515  
Conc: 21.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

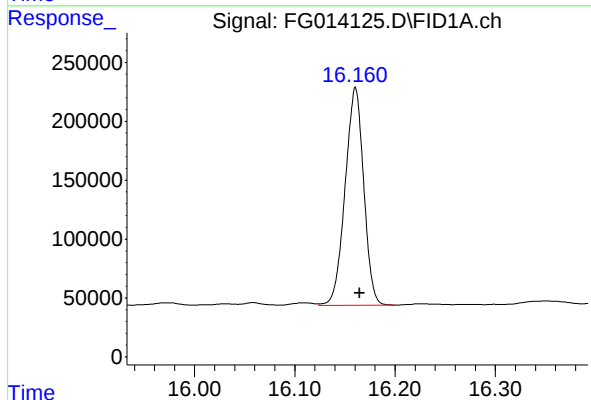
R.T.: 14.932 min  
Delta R.T.: -0.005 min  
Response: 1557741  
Conc: 14.74 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LIVONIA-SOILMSD



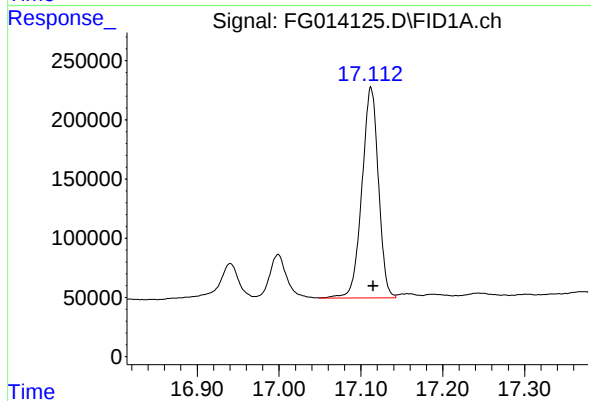
#10 N-TETRACOSANE

R.T.: 15.136 min  
Delta R.T.: -0.004 min  
Response: 2409846  
Conc: 20.39 ug/ml



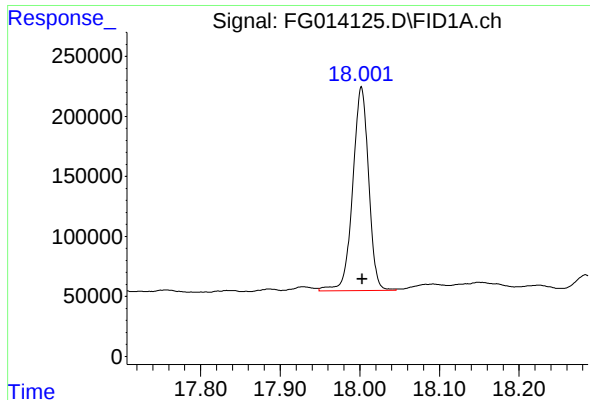
#11 N-HEXACOSANE

R.T.: 16.161 min  
Delta R.T.: -0.004 min  
Response: 2380677  
Conc: 20.11 ug/ml



#12 N-OCTACOSANE

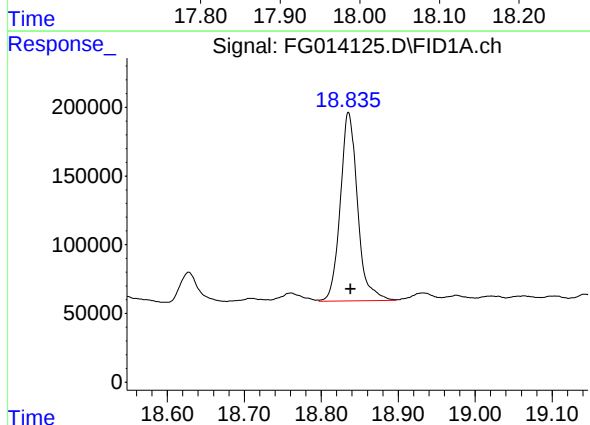
R.T.: 17.112 min  
Delta R.T.: -0.003 min  
Response: 2497826  
Conc: 21.19 ug/ml



#13 N-TRIACONTANE

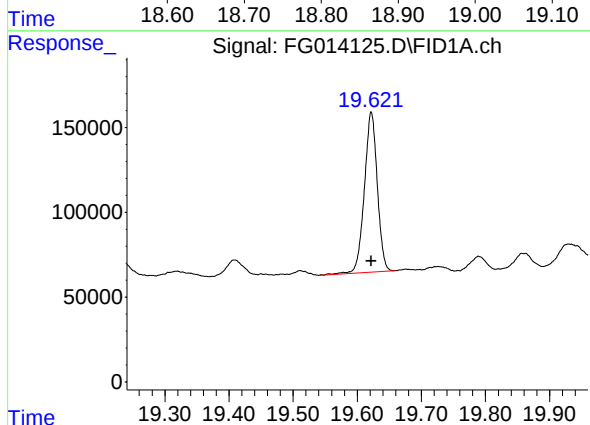
R.T.: 18.002 min  
Delta R.T.: -0.001 min  
Response: 2360829  
Conc: 19.72 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LIVONIA-SOILMSD



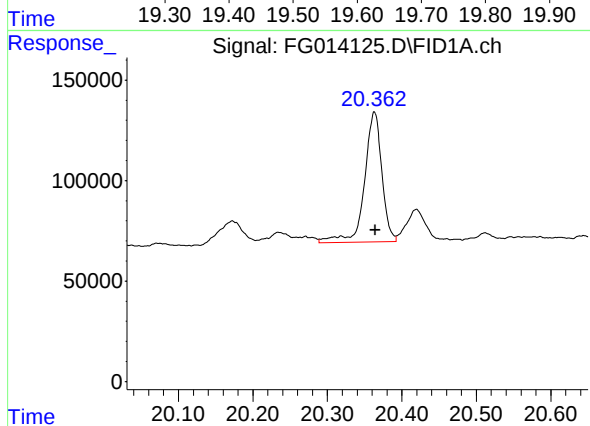
#14 N-DOTRIACONTANE

R.T.: 18.836 min  
Delta R.T.: -0.003 min  
Response: 2117975  
Conc: 17.72 ug/ml



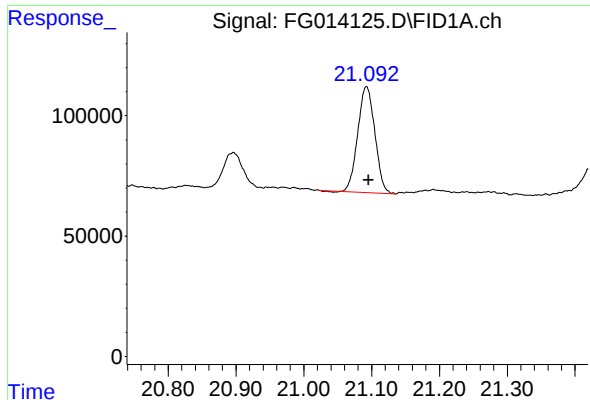
#15 N-TETRATRIACONTANE

R.T.: 19.622 min  
Delta R.T.: 0.000 min  
Response: 1325578  
Conc: 11.38 ug/ml



#16 N-HEXATRIACONTANE

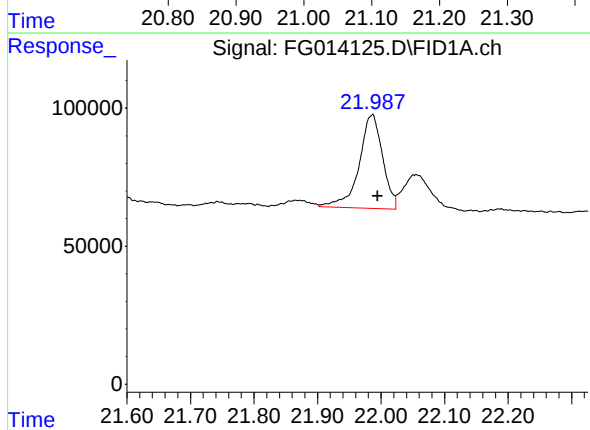
R.T.: 20.363 min  
Delta R.T.: -0.001 min  
Response: 1047221  
Conc: 9.07 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.092 min  
Delta R.T.: -0.003 min  
Response: 772645  
Conc: 7.44 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LIVONIA-SOILMSD



#18 N-TETRACONTANE

R.T.: 21.986 min  
Delta R.T.: -0.009 min  
Response: 871452  
Conc: 8.91 ug/ml