

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012325\  
 Data File : FG015140.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Jan 2025 18:32  
 Operator : YP\AJ  
 Sample : Q1168-05  
 Misc : 5 PPM SOIL LOQ  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOQ-SOIL-05-QT1-2025

Integration File: autoint1.e  
 Quant Time: Jan 24 04:06:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG011325.M  
 Quant Title :  
 QLast Update : Mon Jan 13 11:52:01 2025  
 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... | 15.046 | 2093525  | 16.321 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.009  | 506772   | 4.153 ug/ml  |
| 2) N-DECANE                   | 4.542  | 563615   | 4.363 ug/ml  |
| 3) N-DODECANE                 | 6.722  | 586617   | 4.306 ug/ml  |
| 4) N-TETRADECANE              | 8.559  | 604544   | 4.417 ug/ml  |
| 5) N-HEXADECANE               | 10.173 | 613708   | 4.349 ug/ml  |
| 6) N-OCTADECANE               | 11.622 | 626330   | 4.270 ug/ml  |
| 7) N-EICOSANE                 | 12.937 | 629687   | 4.331 ug/ml  |
| 8) N-DOCOSANE                 | 14.141 | 606257   | 4.226 ug/ml  |
| 10) N-TETRACOSANE             | 15.248 | 596701   | 4.178 ug/ml  |
| 11) N-HEXACOSANE              | 16.273 | 584263   | 4.148 ug/ml  |
| 12) N-OCTACOSANE              | 17.227 | 567097   | 4.050 ug/ml  |
| 13) N-TRIACONTANE             | 18.117 | 567812   | 3.991 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.951 | 548302   | 3.945 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.736 | 510211   | 4.072 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.478 | 447985   | 4.146 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.227 | 404860   | 4.104 ug/ml  |
| 18) N-TETRACONTANE            | 22.163 | 359581   | 3.873 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

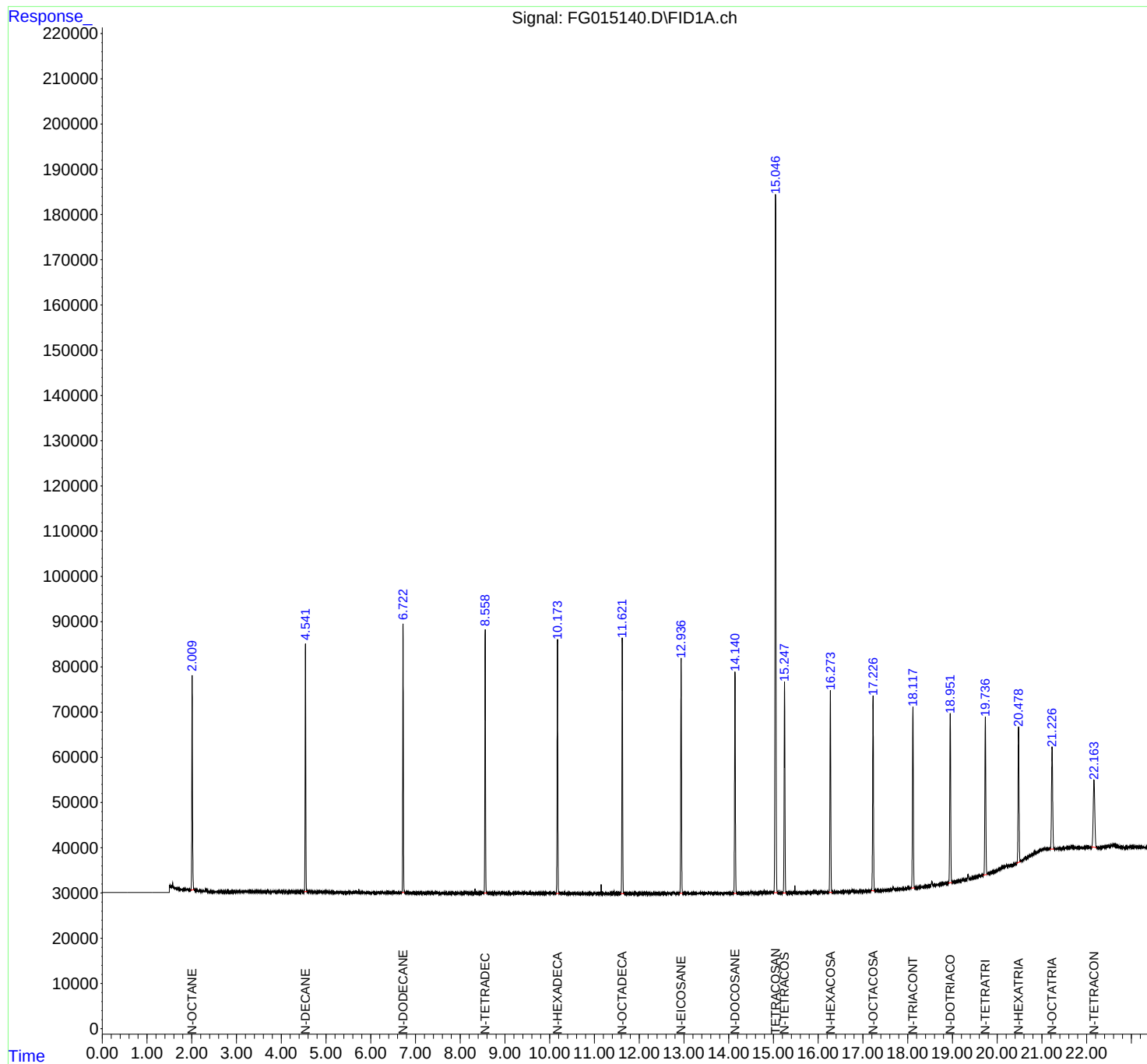
(m)=manual int.

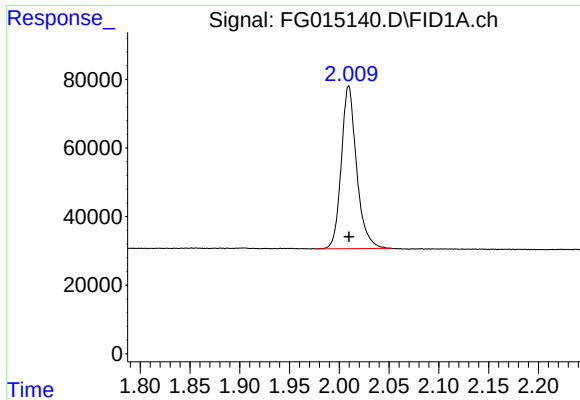
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012325\  
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Response via : Initial Calibration  
Integrator: ChemStation

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

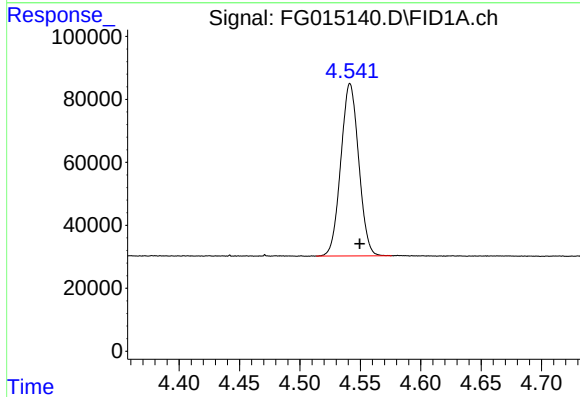




#1 N-OCTANE

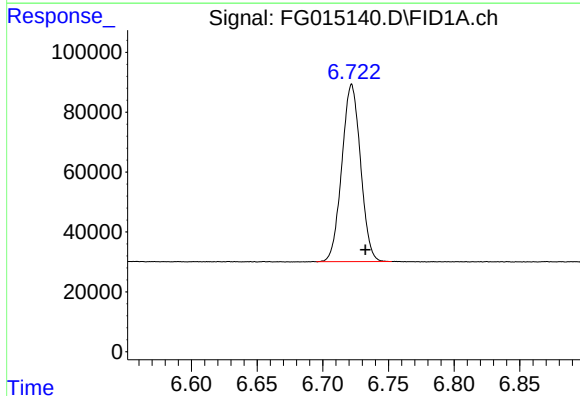
R.T.: 2.009 min  
Delta R.T.: 0.000 min  
Response: 506772  
Conc: 4.15 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOQ-SOIL-05-QT1-2025



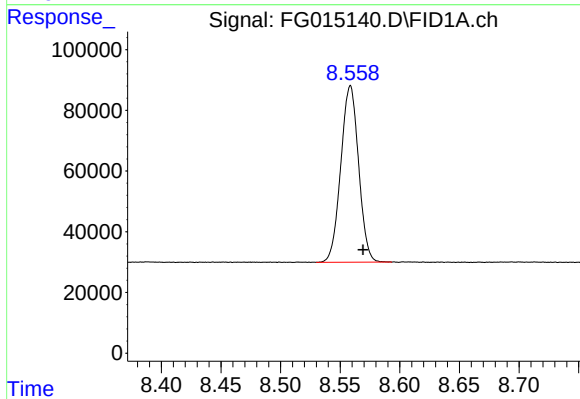
#2 N-DECANE

R.T.: 4.542 min  
Delta R.T.: -0.008 min  
Response: 563615  
Conc: 4.36 ug/ml



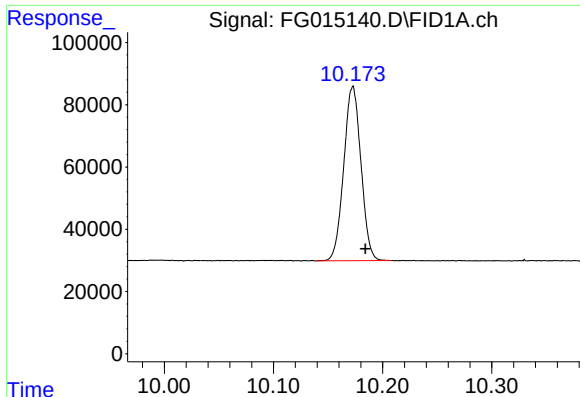
#3 N-DODECANE

R.T.: 6.722 min  
Delta R.T.: -0.010 min  
Response: 586617  
Conc: 4.31 ug/ml



#4 N-TETRADECANE

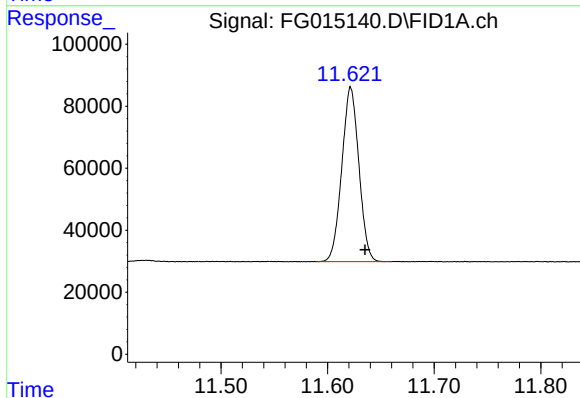
R.T.: 8.559 min  
Delta R.T.: -0.011 min  
Response: 604544  
Conc: 4.42 ug/ml



#5 N-HEXADECANE

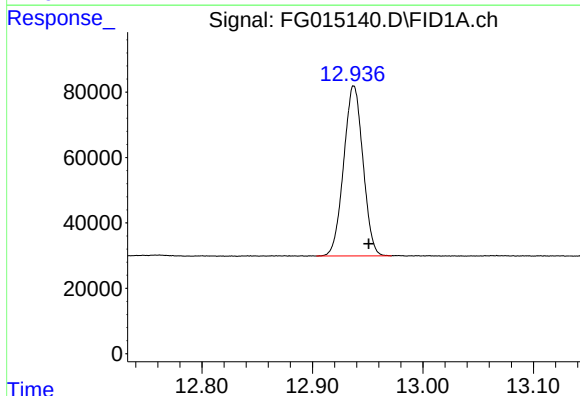
R.T.: 10.173 min  
Delta R.T.: -0.012 min  
Response: 613708  
Conc: 4.35 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOQ-SOIL-05-QT1-2025



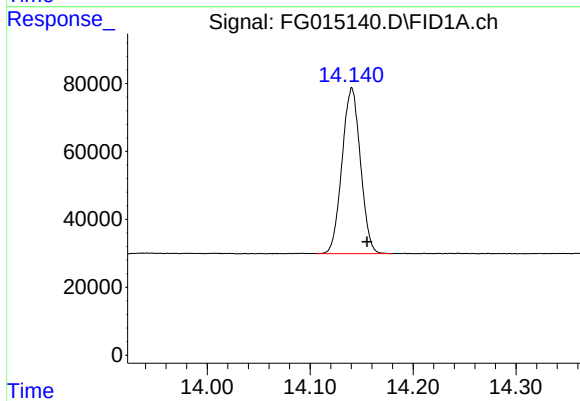
#6 N-OCTADECANE

R.T.: 11.622 min  
Delta R.T.: -0.013 min  
Response: 626330  
Conc: 4.27 ug/ml



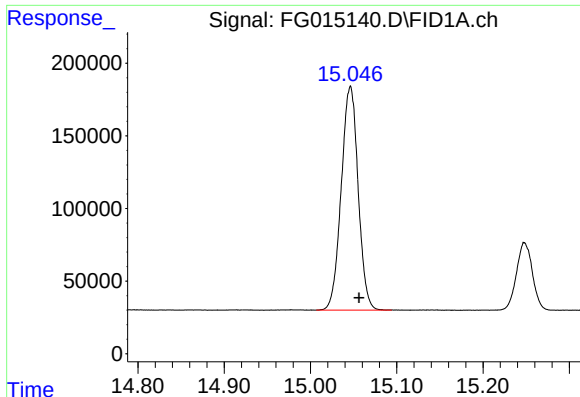
#7 N-EICOSANE

R.T.: 12.937 min  
Delta R.T.: -0.013 min  
Response: 629687  
Conc: 4.33 ug/ml



#8 N-DOCOSANE

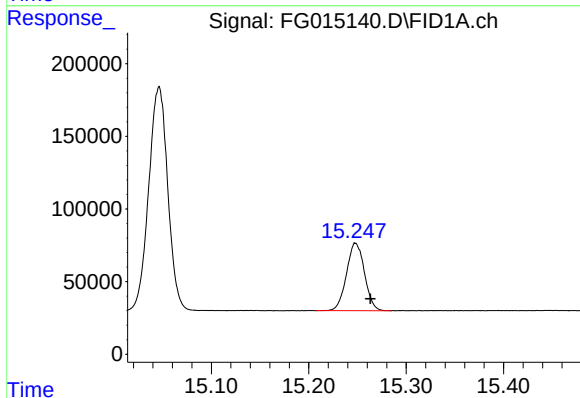
R.T.: 14.141 min  
Delta R.T.: -0.015 min  
Response: 606257  
Conc: 4.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

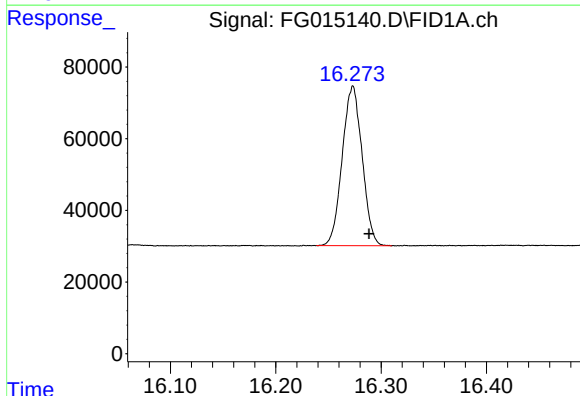
R.T.: 15.046 min  
Delta R.T.: -0.010 min  
Response: 2093525  
Conc: 16.32 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOQ-SOIL-05-QT1-2025



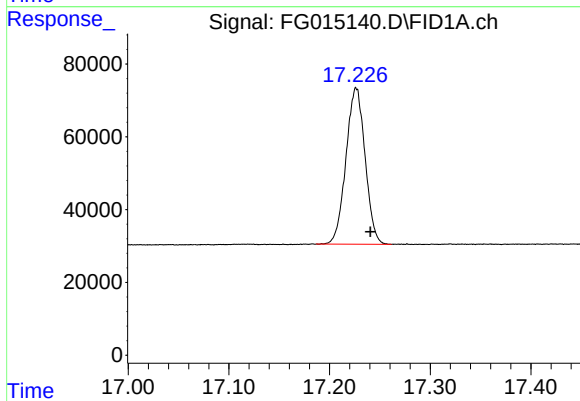
#10 N-TETRACOSANE

R.T.: 15.248 min  
Delta R.T.: -0.015 min  
Response: 596701  
Conc: 4.18 ug/ml



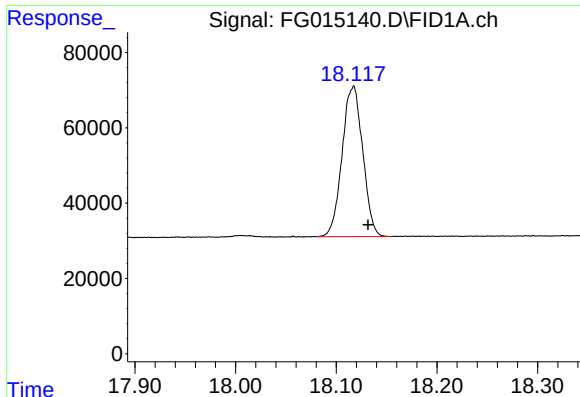
#11 N-HEXACOSANE

R.T.: 16.273 min  
Delta R.T.: -0.015 min  
Response: 584263  
Conc: 4.15 ug/ml



#12 N-OCTACOSANE

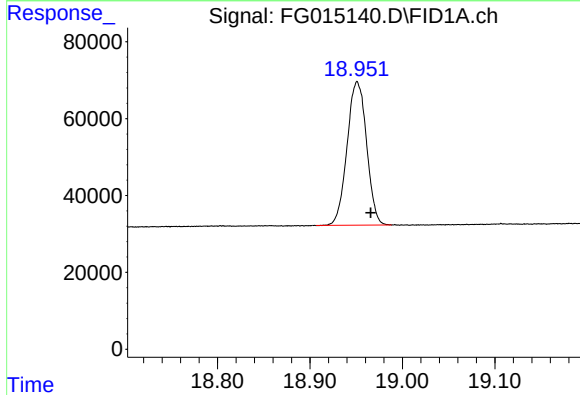
R.T.: 17.227 min  
Delta R.T.: -0.014 min  
Response: 567097  
Conc: 4.05 ug/ml



#13 N-TRIACONTANE

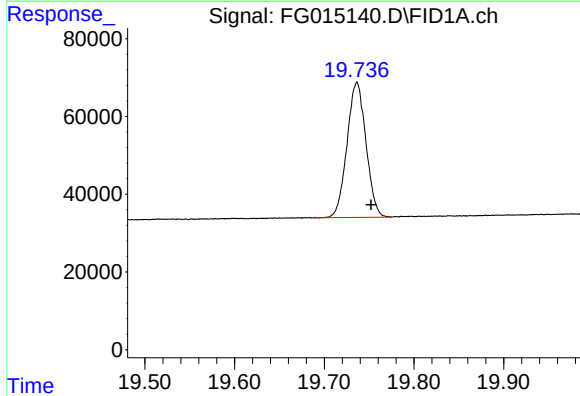
R.T.: 18.117 min  
Delta R.T.: -0.014 min  
Response: 567812  
Conc: 3.99 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOQ-SOIL-05-QT1-2025



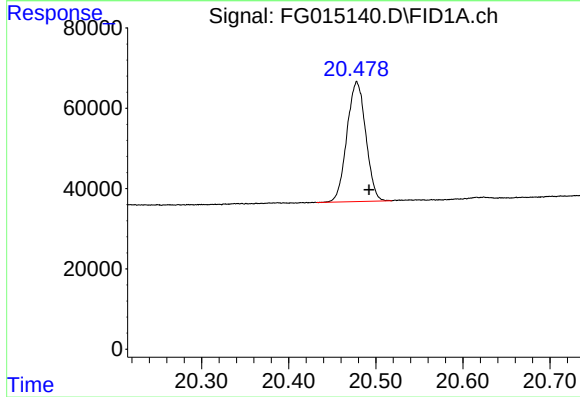
#14 N-DOTRIACONTANE

R.T.: 18.951 min  
Delta R.T.: -0.015 min  
Response: 548302  
Conc: 3.95 ug/ml



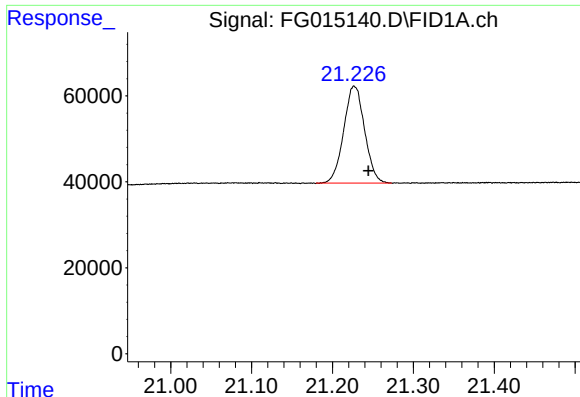
#15 N-TETRATRIACONTANE

R.T.: 19.736 min  
Delta R.T.: -0.016 min  
Response: 510211  
Conc: 4.07 ug/ml



#16 N-HEXATRIACONTANE

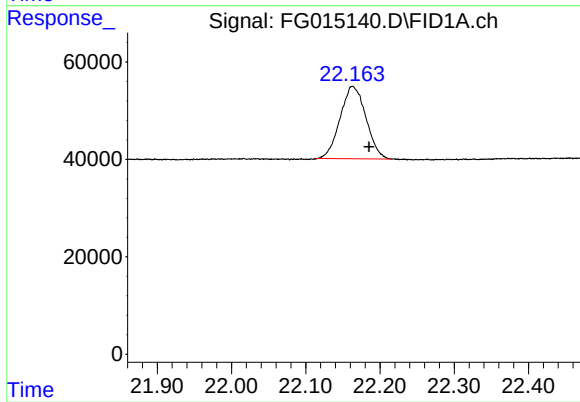
R.T.: 20.478 min  
Delta R.T.: -0.014 min  
Response: 447985  
Conc: 4.15 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.227 min  
Delta R.T.: -0.017 min  
Response: 404860  
Conc: 4.10 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOQ-SOIL-05-QT1-2025



#18 N-TETRACONTANE

R.T.: 22.163 min  
Delta R.T.: -0.022 min  
Response: 359581  
Conc: 3.87 ug/ml