

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG061025\  
 Data File : FG016035.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Jun 2025 04:20  
 Operator : YP\AJ  
 Sample : Q2126-01  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e  
 Quant Time: Jun 11 05:59:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG052225.M  
 Quant Title :  
 QLast Update : Thu May 22 06:20:25 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... | 14.970 | 2229182  | 18.188 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 1.951  | 246394   | 2.095 ug/ml  |
| 2) N-DECANE                   | 4.474  | 223810   | 1.905 ug/ml  |
| 3) N-DODECANE                 | 6.657  | 221264   | 1.823 ug/ml  |
| 4) N-TETRADECANE              | 8.493  | 251192   | 1.967 ug/ml  |
| 5) N-HEXADECANE               | 10.107 | 269720   | 2.024 ug/ml  |
| 6) N-OCTADECANE               | 11.554 | 305145   | 2.211 ug/ml  |
| 7) N-EICOSANE                 | 12.865 | 328852   | 2.328 ug/ml  |
| 8) N-DOCOSANE                 | 14.066 | 323177   | 2.353 ug/ml  |
| 10) N-TETRACOSANE             | 15.173 | 321954   | 2.342 ug/ml  |
| 11) N-HEXACOSANE              | 16.197 | 313984   | 2.311 ug/ml  |
| 12) N-OCTACOSANE              | 17.149 | 319644   | 2.371 ug/ml  |
| 13) N-TRIACONTANE             | 18.039 | 342622   | 2.511 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.873 | 345131   | 2.577 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.658 | 305728   | 2.521 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.398 | 255455   | 2.392 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.134 | 219712   | 2.289 ug/ml  |
| 18) N-TETRACONTANE            | 22.042 | 197049   | 2.240 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

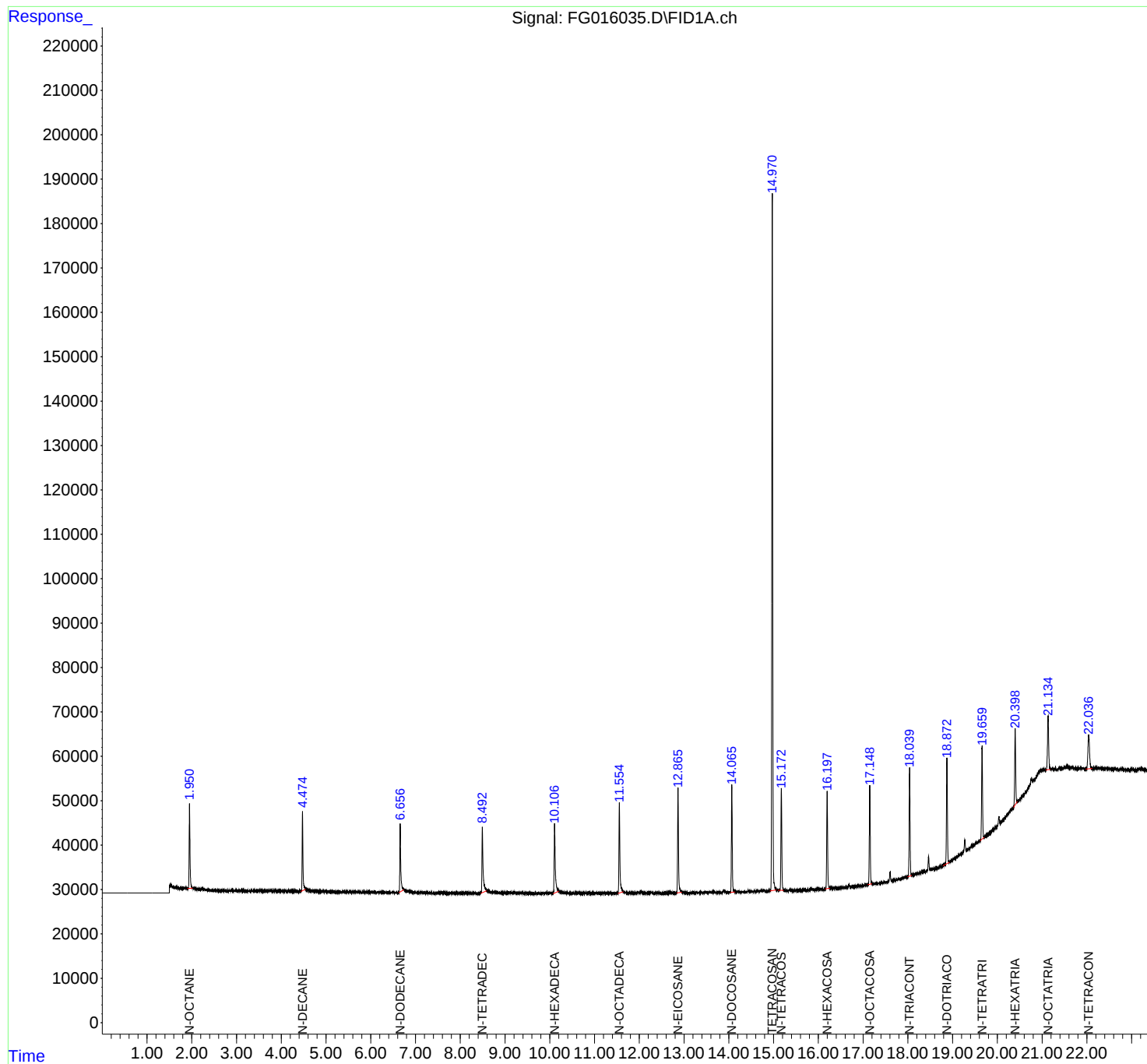
(m)=manual int.

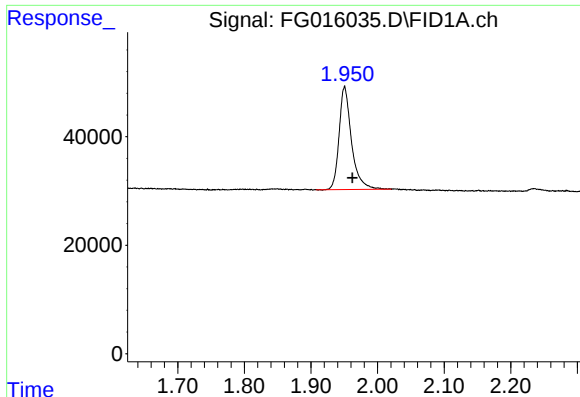
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG061025\  
Data File : FG016035.D  
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Quant Time: Jun 11 05:59:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG052225.M  
Quant Title :  
QLast Update : Thu May 22 06:20:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

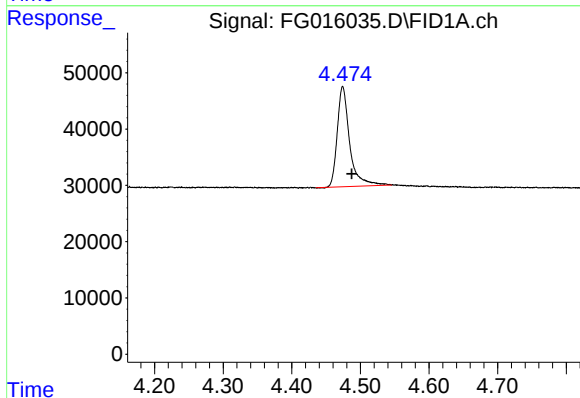




#1 N-OCTANE

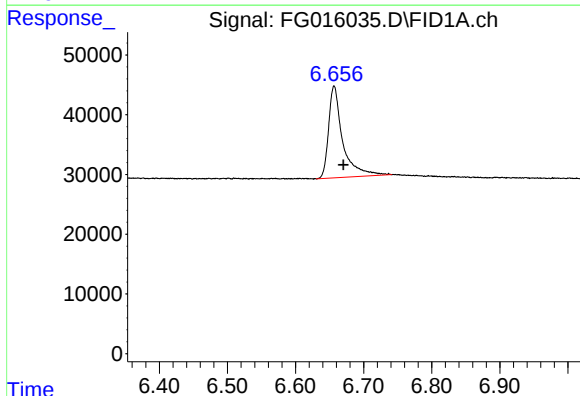
R.T.: 1.951 min  
Delta R.T.: -0.011 min  
Response: 246394  
Conc: 2.10 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-03-QT2-2025



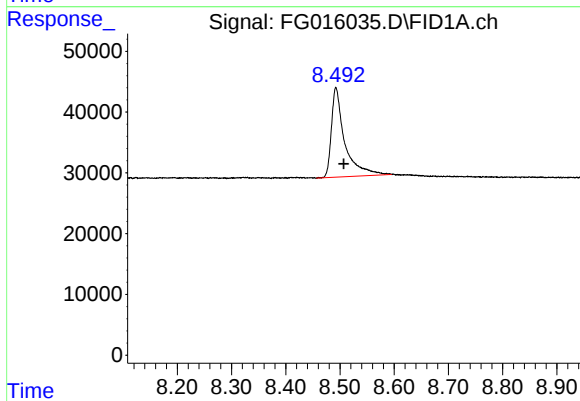
#2 N-DECANE

R.T.: 4.474 min  
Delta R.T.: -0.013 min  
Response: 223810  
Conc: 1.90 ug/ml



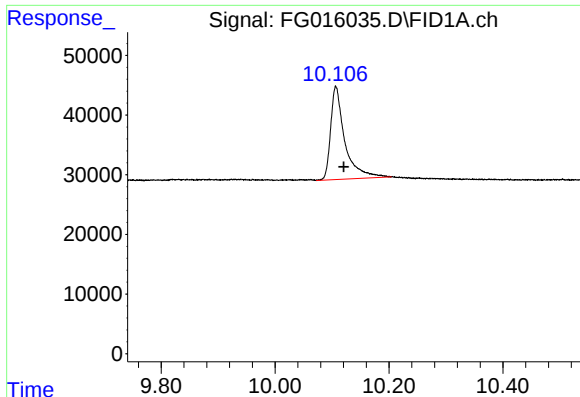
#3 N-DODECANE

R.T.: 6.657 min  
Delta R.T.: -0.014 min  
Response: 221264  
Conc: 1.82 ug/ml



#4 N-TETRADECANE

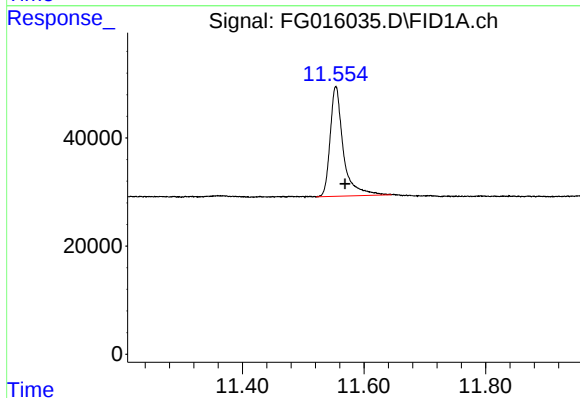
R.T.: 8.493 min  
Delta R.T.: -0.014 min  
Response: 251192  
Conc: 1.97 ug/ml



#5 N-HEXADECANE

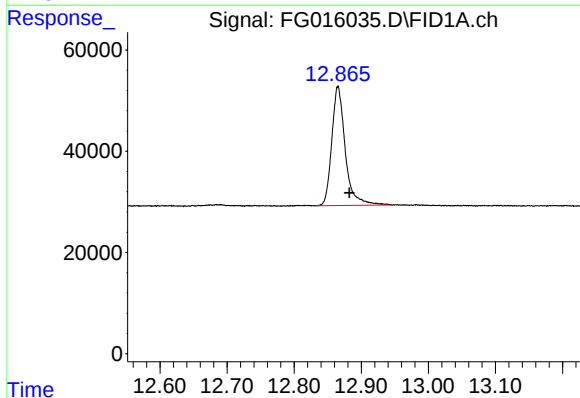
R.T.: 10.107 min  
Delta R.T.: -0.013 min  
Response: 269720  
Conc: 2.02 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-03-QT2-2025



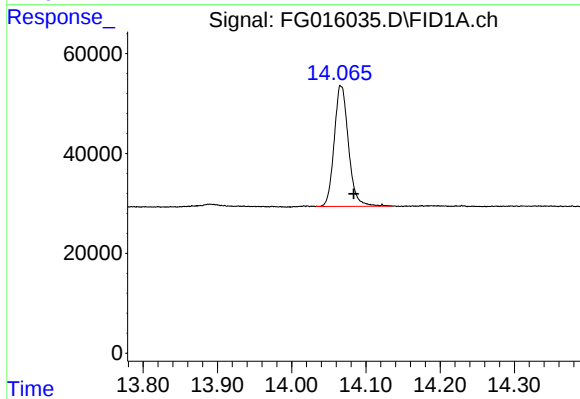
#6 N-OCTADECANE

R.T.: 11.554 min  
Delta R.T.: -0.015 min  
Response: 305145  
Conc: 2.21 ug/ml



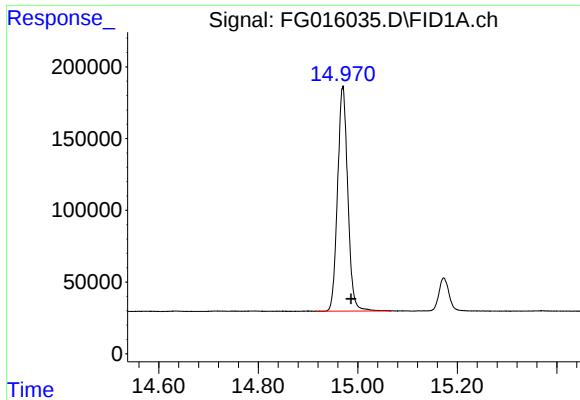
#7 N-EICOSANE

R.T.: 12.865 min  
Delta R.T.: -0.017 min  
Response: 328852  
Conc: 2.33 ug/ml



#8 N-DOCOSANE

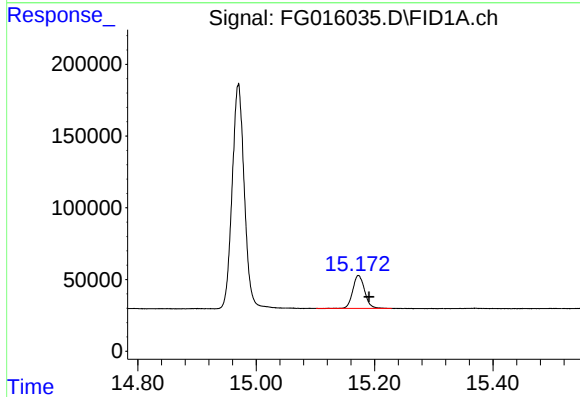
R.T.: 14.066 min  
Delta R.T.: -0.017 min  
Response: 323177  
Conc: 2.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

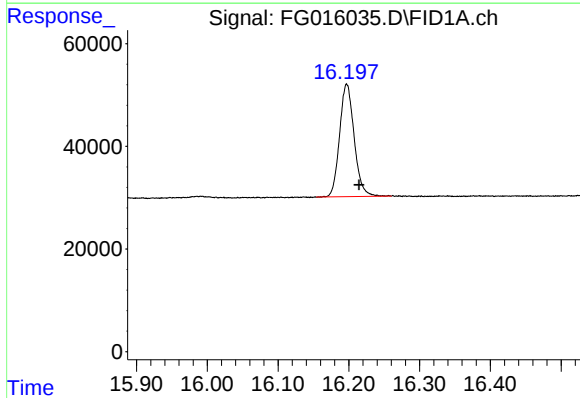
R.T.: 14.970 min  
Delta R.T.: -0.016 min  
Response: 2229182  
Conc: 18.19 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-03-QT2-2025



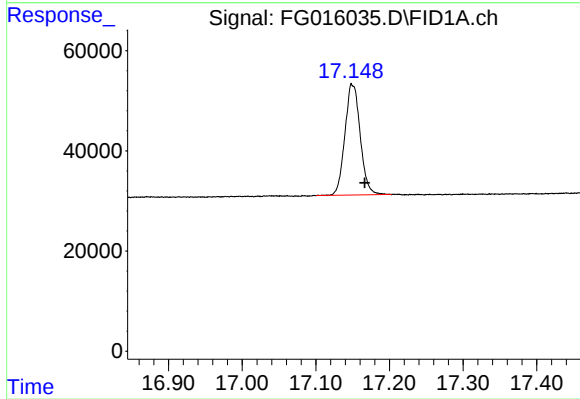
#10 N-TETRACOSANE

R.T.: 15.173 min  
Delta R.T.: -0.018 min  
Response: 321954  
Conc: 2.34 ug/ml



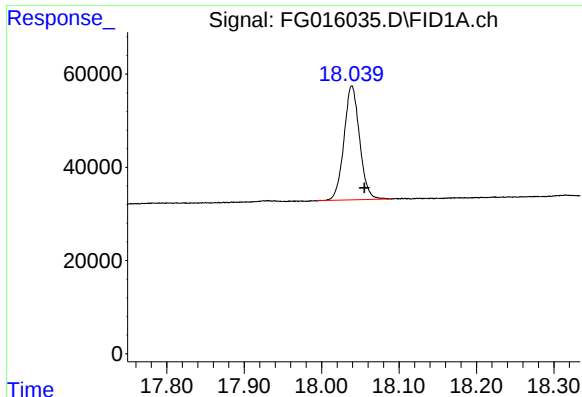
#11 N-HEXACOSANE

R.T.: 16.197 min  
Delta R.T.: -0.018 min  
Response: 313984  
Conc: 2.31 ug/ml



#12 N-OCTACOSANE

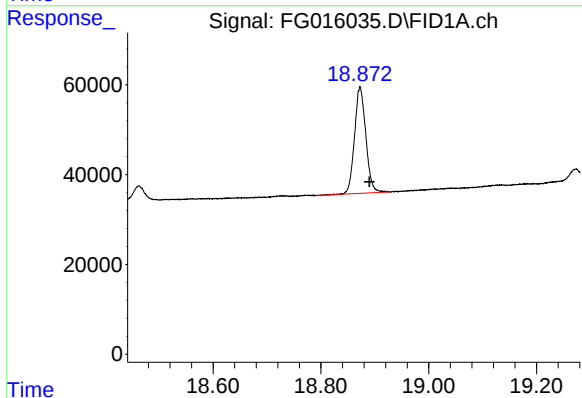
R.T.: 17.149 min  
Delta R.T.: -0.017 min  
Response: 319644  
Conc: 2.37 ug/ml



#13 N-TRIACONTANE

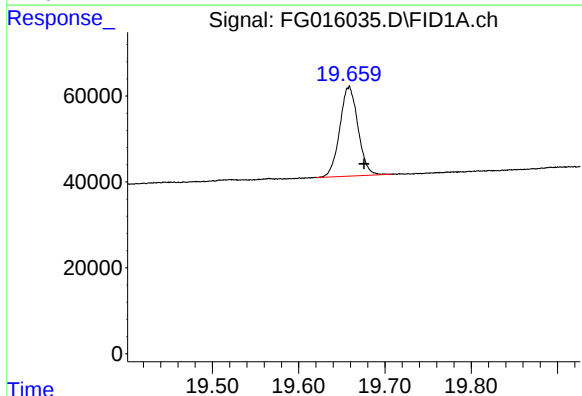
R.T.: 18.039 min  
Delta R.T.: -0.016 min  
Response: 342622  
Conc: 2.51 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-03-QT2-2025



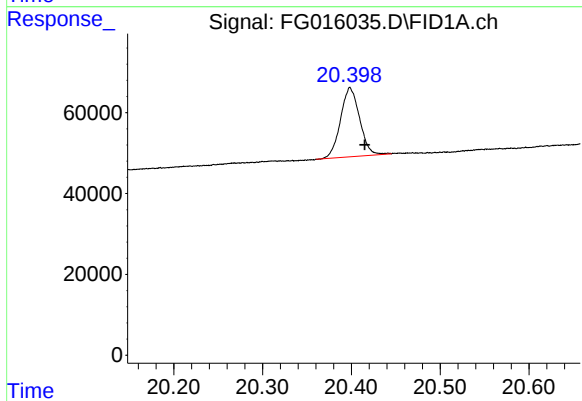
#14 N-DOTRIACONTANE

R.T.: 18.873 min  
Delta R.T.: -0.018 min  
Response: 345131  
Conc: 2.58 ug/ml



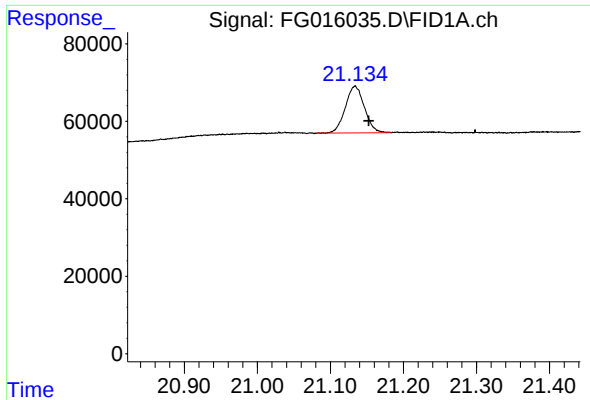
#15 N-TETRATRIACONTANE

R.T.: 19.658 min  
Delta R.T.: -0.017 min  
Response: 305728  
Conc: 2.52 ug/ml



#16 N-HEXATRIACONTANE

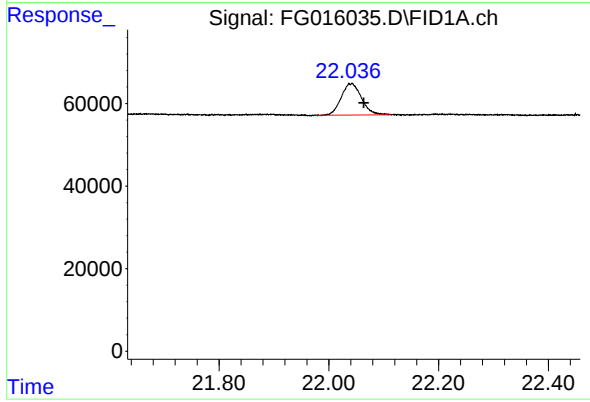
R.T.: 20.398 min  
Delta R.T.: -0.017 min  
Response: 255455  
Conc: 2.39 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.134 min  
Delta R.T.: -0.019 min  
Response: 219712  
Conc: 2.29 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-03-QT2-2025



#18 N-TETRACONTANE

R.T.: 22.042 min  
Delta R.T.: -0.021 min  
Response: 197049  
Conc: 2.24 ug/ml