

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051024\  
 Data File : FE048075.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 May 2024 09:36  
 Operator : YP\AJ  
 Sample : P2403-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-SOIL-04-QT2-2024

Integration File: autoint1.e  
 Quant Time: May 11 00:39:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050924.M  
 Quant Title :  
 QLast Update : Fri May 10 23:54:11 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... | 15.047 | 2371135  | 20.568 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.079  | 367546   | 2.604 ug/ml  |
| 2) N-DECANE                   | 4.596  | 391837   | 2.821 ug/ml  |
| 3) N-DODECANE                 | 6.762  | 381718   | 2.780 ug/ml  |
| 4) N-TETRADECANE              | 8.590  | 375191   | 2.759 ug/ml  |
| 5) N-HEXADECANE               | 10.197 | 353385   | 2.634 ug/ml  |
| 6) N-OCTADECANE               | 11.640 | 369612   | 2.738 ug/ml  |
| 7) N-EICOSANE                 | 12.950 | 380640   | 2.786 ug/ml  |
| 8) N-DOCOSANE                 | 14.146 | 387957   | 2.947 ug/ml  |
| 10) N-TETRACOSANE             | 15.249 | 378444   | 2.891 ug/ml  |
| 11) N-HEXACOSANE              | 16.270 | 372772   | 2.865 ug/ml  |
| 12) N-OCTACOSANE              | 17.219 | 388183   | 3.005 ug/ml  |
| 13) N-TRIACONTANE             | 18.105 | 442690   | 3.330 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.938 | 871500   | 6.060 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.718 | 631833   | 4.682 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.459 | 709206   | 5.342 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.199 | 715853   | 5.796 ug/ml  |
| 18) N-TETRACONTANE            | 22.121 | 724954   | 5.747 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

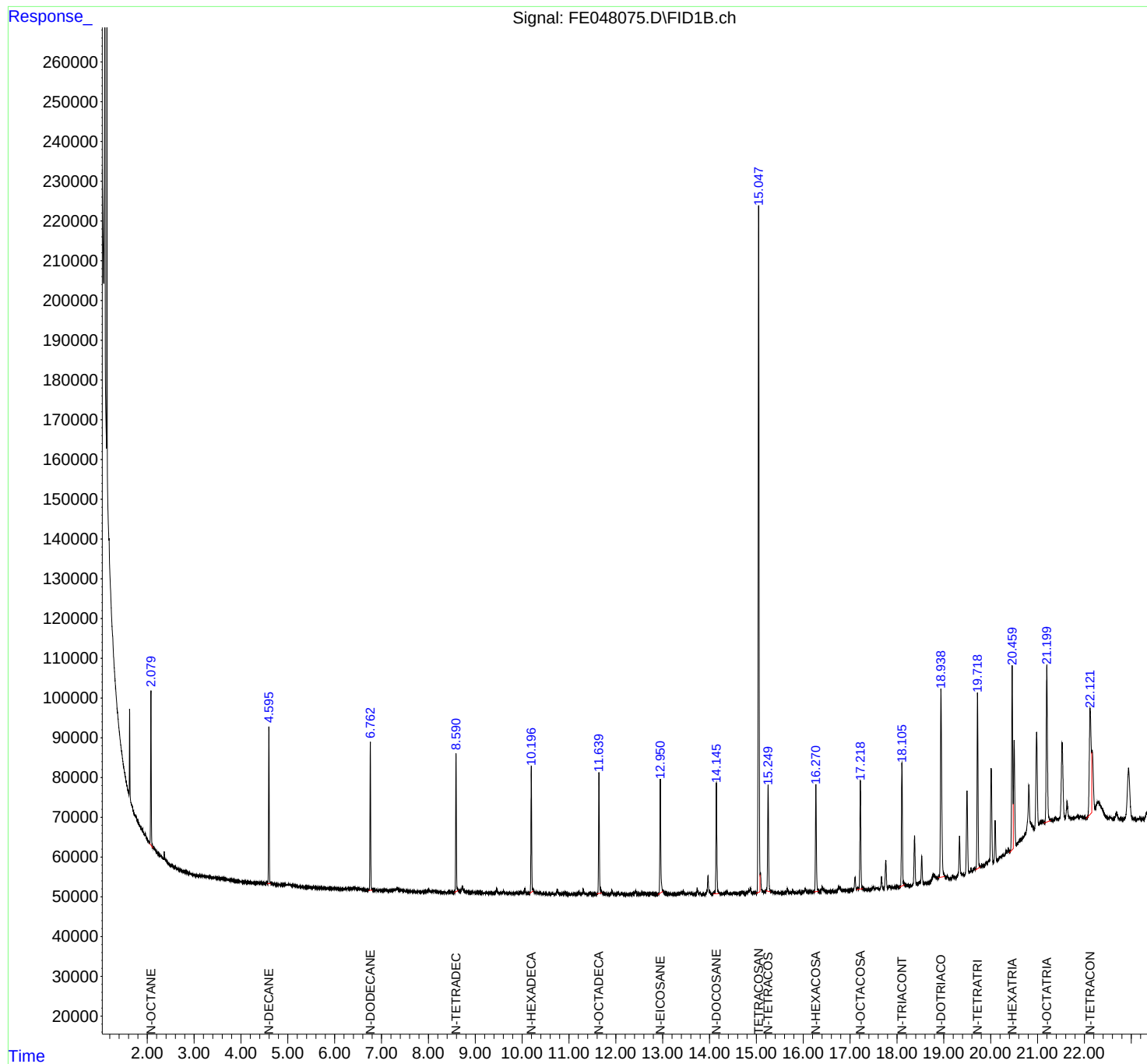
(m)=manual int.

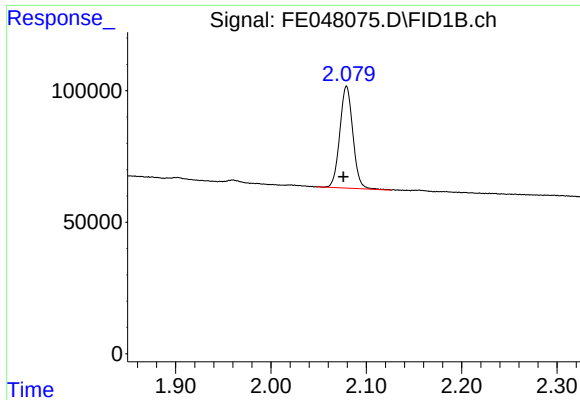
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051024\  
Data File : FE048075.D  
Signal(s) : FID1B.ch  
Acq On : 10 May 2024 09:36  
Operator : YP\AJ  
Sample : P2403-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-SOIL-04-QT2-2024

Integration File: autoint1.e  
Quant Time: May 11 00:39:21 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050924.M  
Quant Title :  
QLast Update : Fri May 10 23:54:11 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

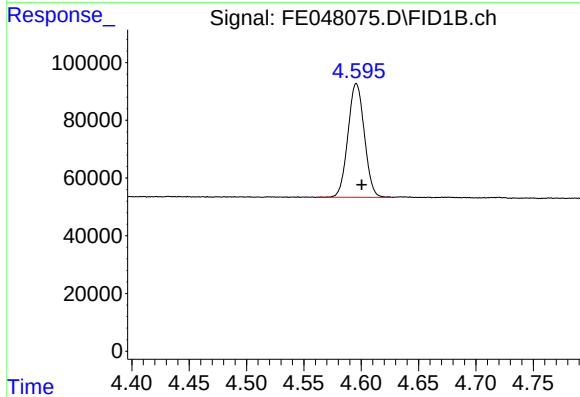




#1 N-OCTANE

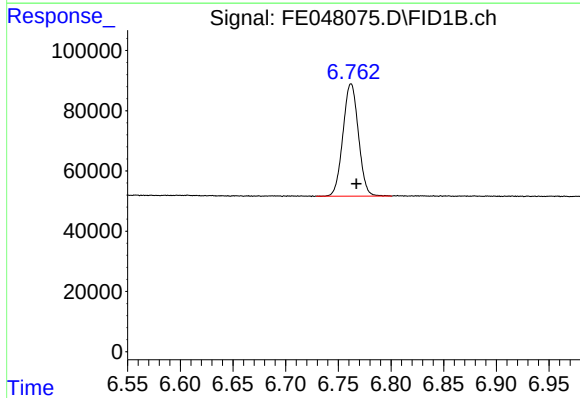
R.T.: 2.079 min  
Delta R.T.: 0.003 min  
Response: 367546  
Conc: 2.60 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-SOIL-04-QT2-2024



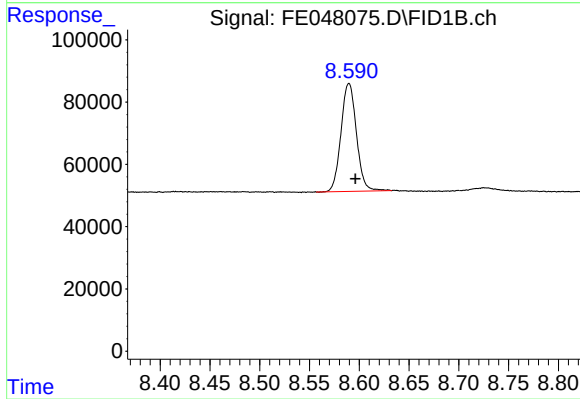
#2 N-DECANE

R.T.: 4.596 min  
Delta R.T.: -0.005 min  
Response: 391837  
Conc: 2.82 ug/ml



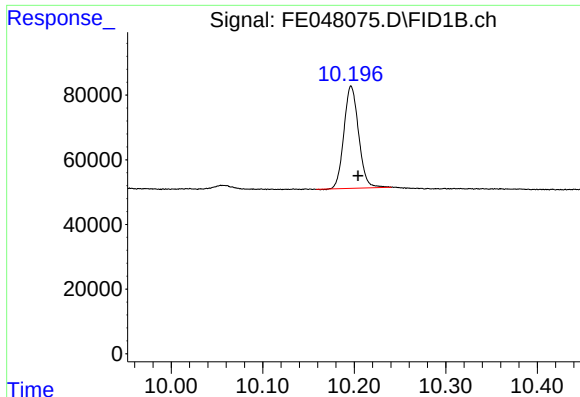
#3 N-DODECANE

R.T.: 6.762 min  
Delta R.T.: -0.005 min  
Response: 381718  
Conc: 2.78 ug/ml



#4 N-TETRADECANE

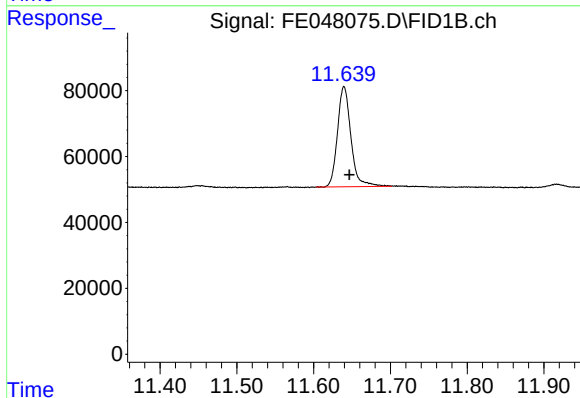
R.T.: 8.590 min  
Delta R.T.: -0.006 min  
Response: 375191  
Conc: 2.76 ug/ml



#5 N-HEXADECANE

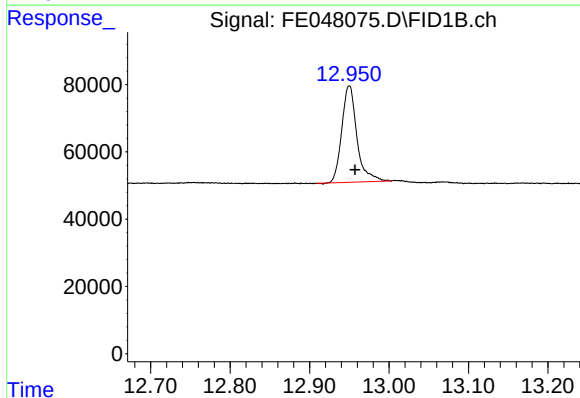
R.T.: 10.197 min  
Delta R.T.: -0.008 min  
Response: 353385  
Conc: 2.63 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-SOIL-04-QT2-2024



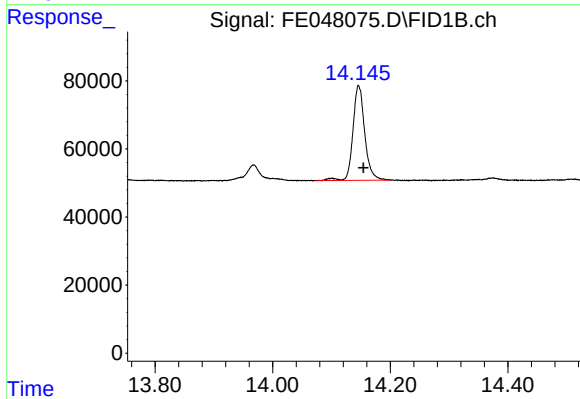
#6 N-OCTADECANE

R.T.: 11.640 min  
Delta R.T.: -0.007 min  
Response: 369612  
Conc: 2.74 ug/ml



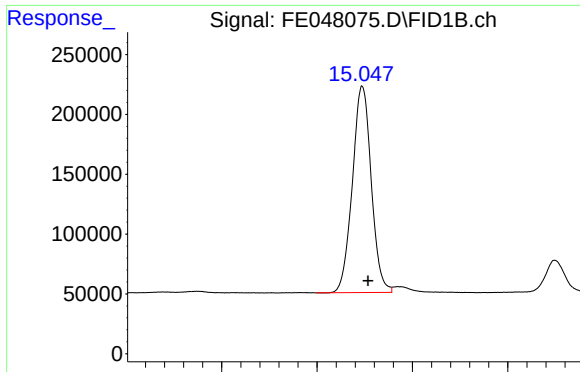
#7 N-EICOSANE

R.T.: 12.950 min  
Delta R.T.: -0.007 min  
Response: 380640  
Conc: 2.79 ug/ml



#8 N-DOCOSANE

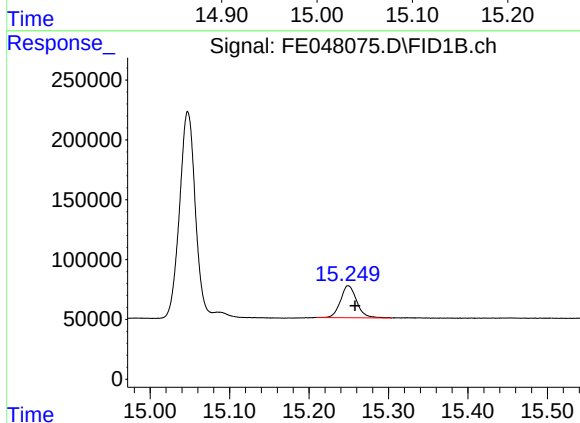
R.T.: 14.146 min  
Delta R.T.: -0.008 min  
Response: 387957  
Conc: 2.95 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

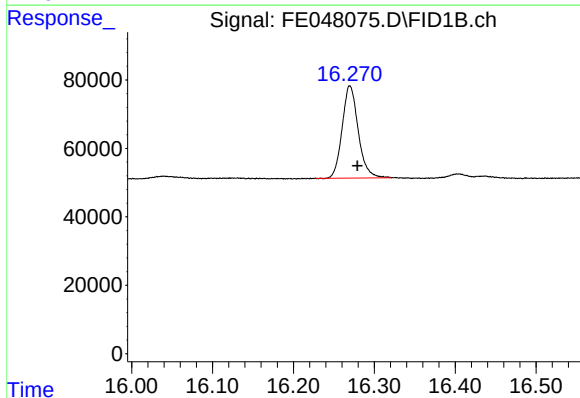
R.T.: 15.047 min  
Delta R.T.: -0.006 min  
Response: 2371135  
Conc: 20.57 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-SOIL-04-QT2-2024



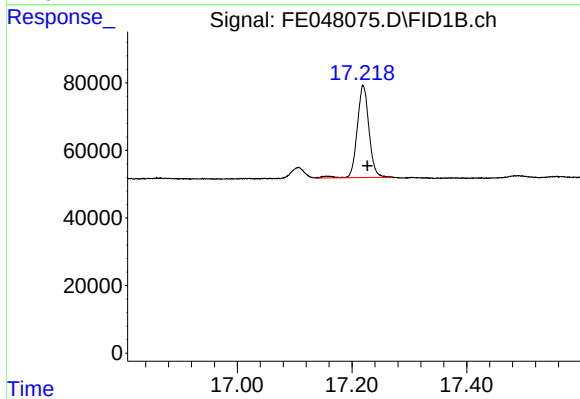
#10 N-TETRACOSANE

R.T.: 15.249 min  
Delta R.T.: -0.009 min  
Response: 378444  
Conc: 2.89 ug/ml



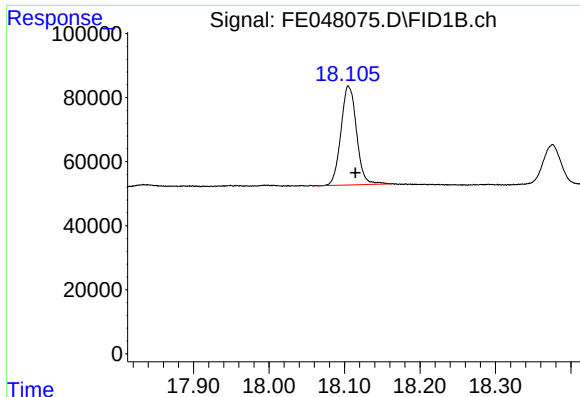
#11 N-HEXACOSANE

R.T.: 16.270 min  
Delta R.T.: -0.009 min  
Response: 372772  
Conc: 2.86 ug/ml



#12 N-OCTACOSANE

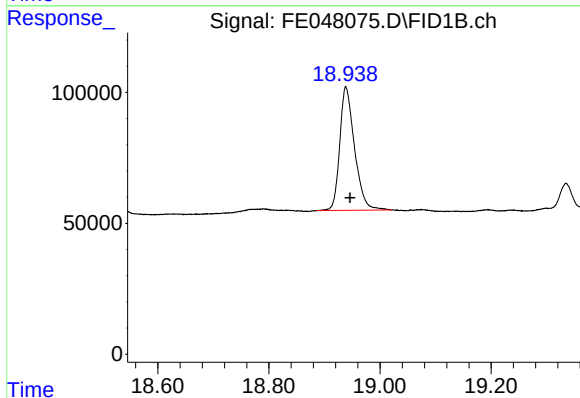
R.T.: 17.219 min  
Delta R.T.: -0.008 min  
Response: 388183  
Conc: 3.00 ug/ml



#13 N-TRIACONTANE

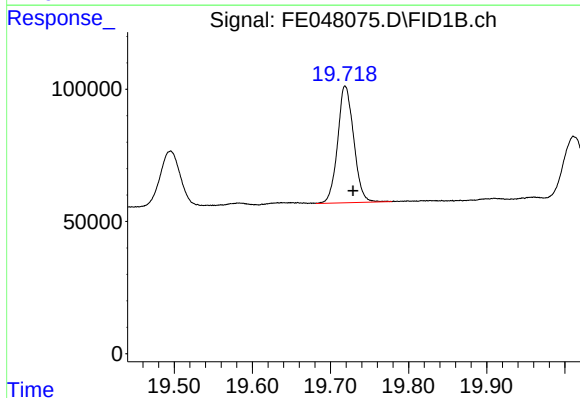
R.T.: 18.105 min  
Delta R.T.: -0.009 min  
Response: 442690  
Conc: 3.33 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-SOIL-04-QT2-2024



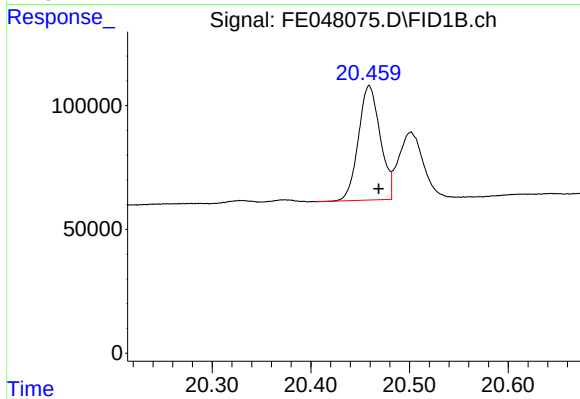
#14 N-DOTRIACONTANE

R.T.: 18.938 min  
Delta R.T.: -0.008 min  
Response: 871500  
Conc: 6.06 ug/ml



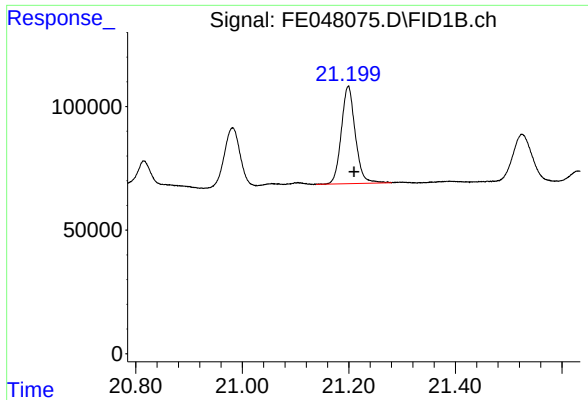
#15 N-TETRATRIACONTANE

R.T.: 19.718 min  
Delta R.T.: -0.011 min  
Response: 631833  
Conc: 4.68 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.459 min  
Delta R.T.: -0.010 min  
Response: 709206  
Conc: 5.34 ug/ml



#17 N-OCTATRIACONTANE

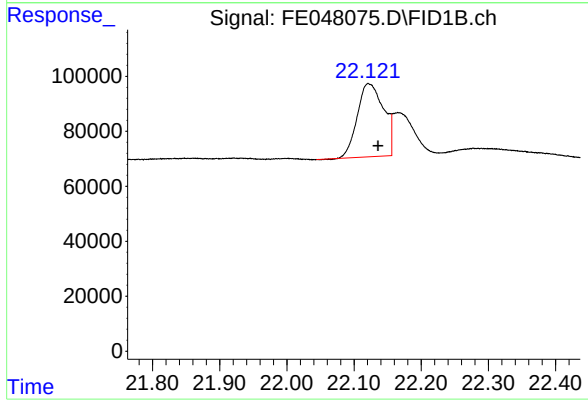
R.T.: 21.199 min  
Delta R.T.: -0.011 min  
Response: 715853  
Conc: 5.80 ug/ml

Instrument :

FID\_E

ClientSampleId :

LOD-MDL-SOIL-04-QT2-2024



#18 N-TETRACONTANE

R.T.: 22.121 min  
Delta R.T.: -0.015 min  
Response: 724954  
Conc: 5.75 ug/ml