

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100422\  
 Data File : FG010748.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Oct 2022 19:41  
 Operator : YP\AJ  
 Sample : N4955-01  
 Misc : 1 PPM SOIL LOD  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2022

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/05/2022  
 Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e  
 Quant Time: Oct 05 06:10:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG092822.M  
 Quant Title :  
 QLast Update : Thu Sep 29 02:21:49 2022  
 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... | 14.744 | 2128824  | 17.547 ug/ml |
| Target Compounds              |        |          |              |
| 2) N-DECANE                   | 4.267  | 121338   | 0.932 ug/mlm |
| 3) N-DODECANE                 | 6.447  | 112308   | 0.847 ug/mlm |
| 4) N-TETRADECANE              | 8.281  | 105450   | 0.786 ug/mlm |
| 5) N-HEXADECANE               | 9.890  | 124794   | 0.900 ug/mlm |
| 6) N-OCTADECANE               | 11.332 | 129053   | 0.916 ug/mlm |
| 7) N-EICOSANE                 | 12.641 | 129490   | 0.916 ug/mlm |
| 8) N-DOCOSANE                 | 13.842 | 130647   | 0.944 ug/mlm |
| 10) N-TETRACOSANE             | 14.946 | 127061   | 0.922 ug/mlm |
| 11) N-HEXACOSANE              | 15.971 | 127296   | 0.944 ug/mlm |
| 12) N-OCTACOSANE              | 16.923 | 131499   | 1.003 ug/mlm |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

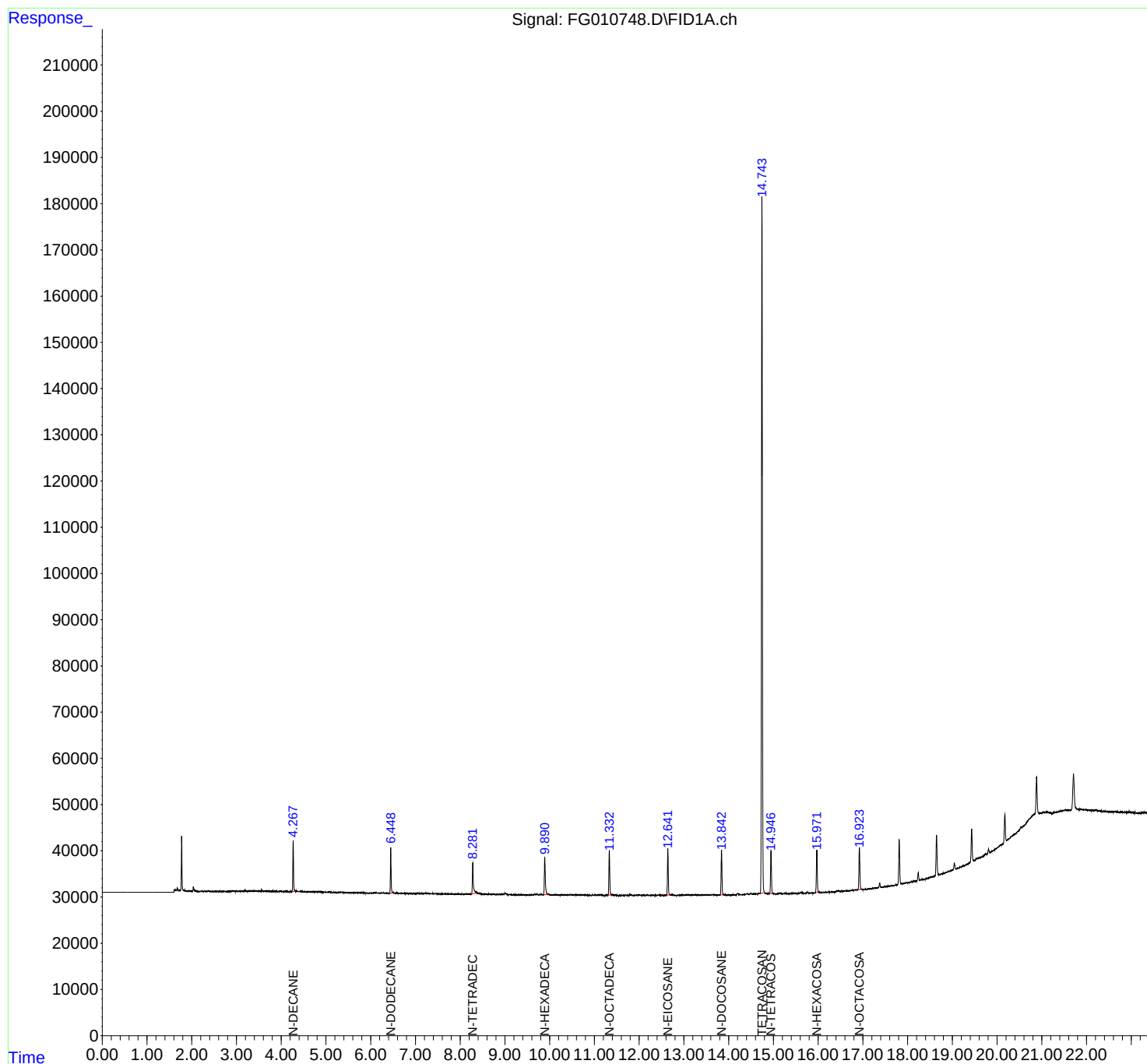
Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

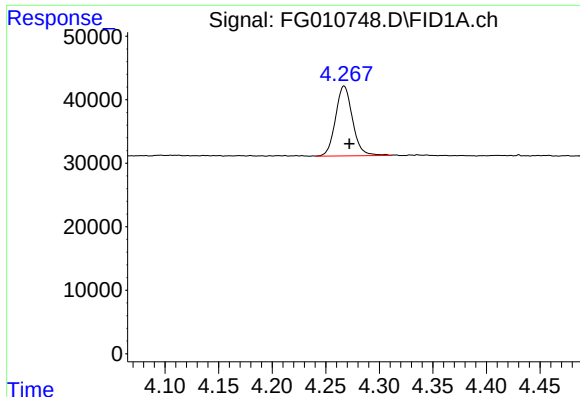
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Signal Info : 20mx0.18mmx0.18um





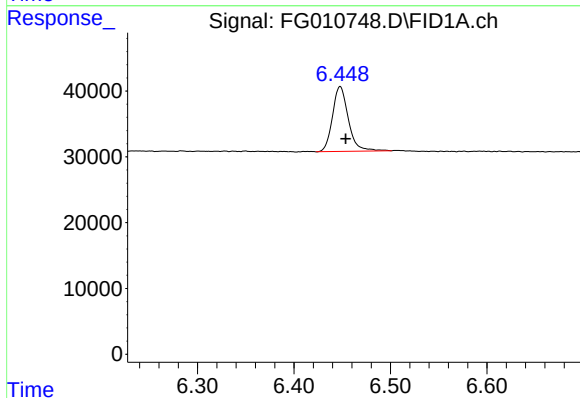
#2 N-DECANE

R.T.: 4.267 min  
Delta R.T.: -0.006 min  
Response: 121338  
Conc: 0.93 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

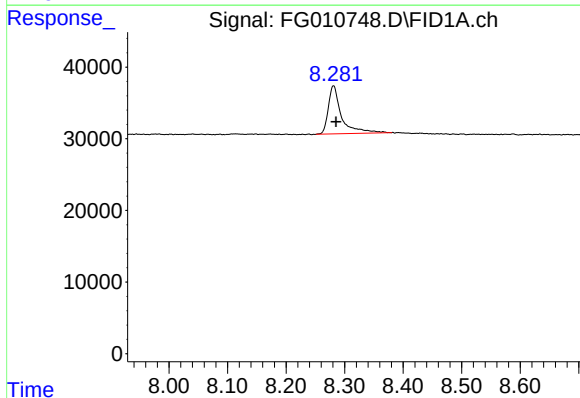
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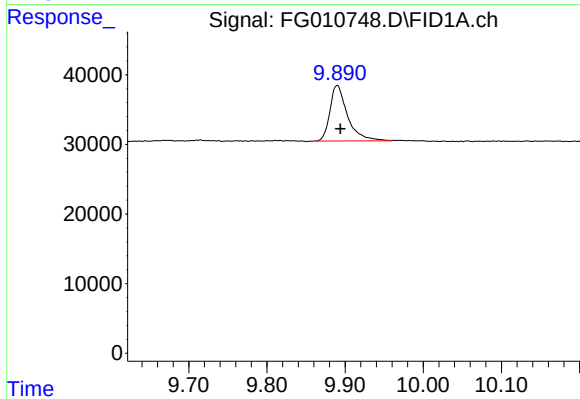
#3 N-DODECANE

R.T.: 6.447 min  
Delta R.T.: -0.006 min  
Response: 112308  
Conc: 0.85 ug/ml m



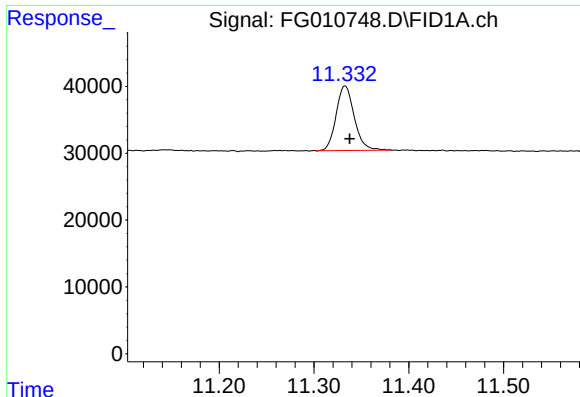
#4 N-TETRADECANE

R.T.: 8.281 min  
Delta R.T.: -0.005 min  
Response: 105450  
Conc: 0.79 ug/ml m



#5 N-HEXADECANE

R.T.: 9.890 min  
Delta R.T.: -0.004 min  
Response: 124794  
Conc: 0.90 ug/ml m



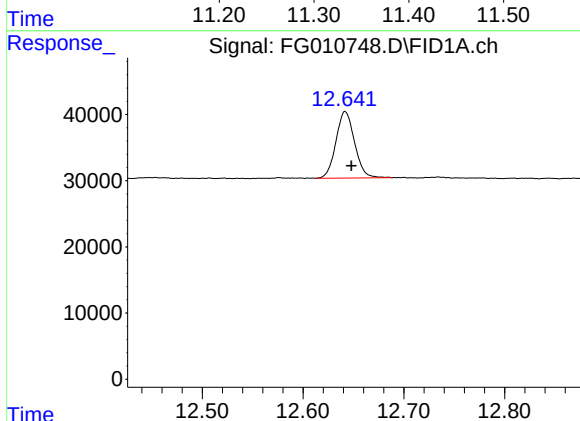
#6 N-OCTADECANE

R.T.: 11.332 min  
Delta R.T.: -0.005 min  
Response: 129053  
Conc: 0.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
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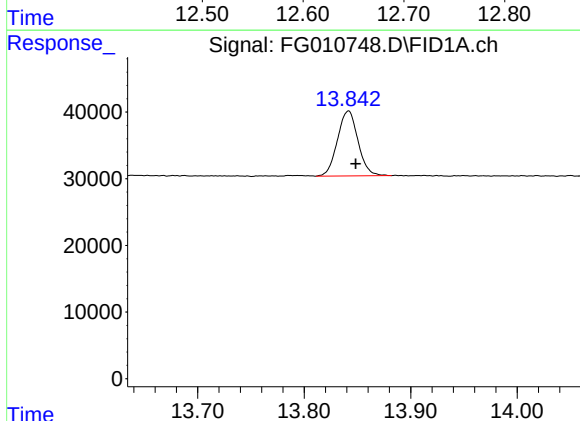
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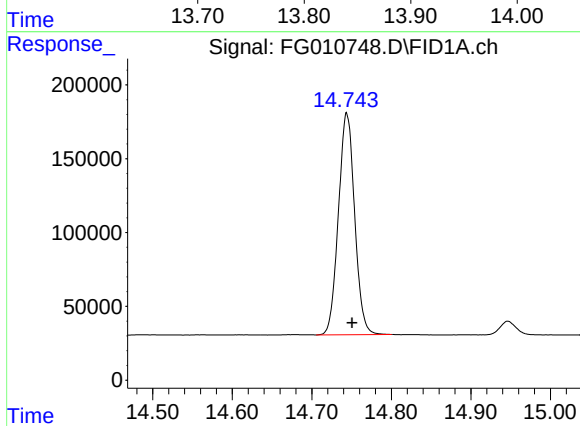
#7 N-EICOSANE

R.T.: 12.641 min  
Delta R.T.: -0.007 min  
Response: 129490  
Conc: 0.92 ug/ml m



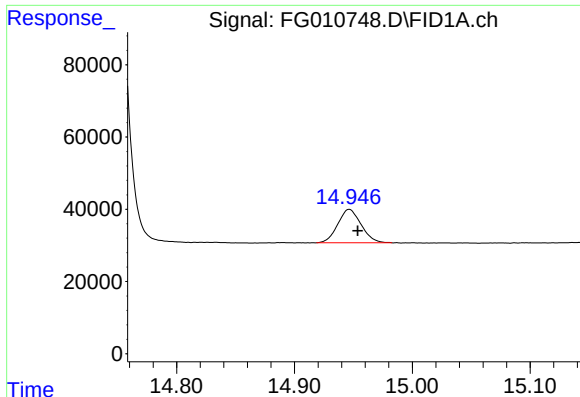
#8 N-DOCOSANE

R.T.: 13.842 min  
Delta R.T.: -0.007 min  
Response: 130647  
Conc: 0.94 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.744 min  
Delta R.T.: -0.007 min  
Response: 2128824  
Conc: 17.55 ug/ml



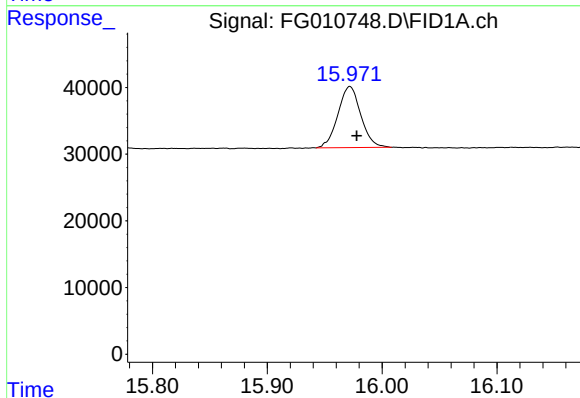
#10 N-TETRACOSANE

R.T.: 14.946 min  
Delta R.T.: -0.008 min  
Response: 127061  
Conc: 0.92 ug/ml

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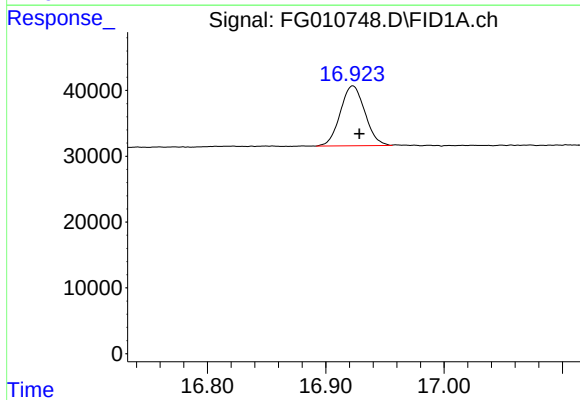
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#11 N-HEXACOSANE

R.T.: 15.971 min  
Delta R.T.: -0.006 min  
Response: 127296  
Conc: 0.94 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.923 min  
Delta R.T.: -0.006 min  
Response: 131499  
Conc: 1.00 ug/ml m