

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051320\  
 Data File : FE032007.D  
 Signal(s) : FID1B.CH  
 Acq On : 13 May 2020 14:14  
 Operator : DD\AJ  
 Sample : L2182-07  
 Misc : LOD-2.5 PPM-WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations  
 APPROVED

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 5/15/2020 11:45:41 AM

Integration File: autoint1.e  
 Quant Time: May 14 01:11:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050720.M  
 Quant Title :  
 QLast Update : Thu May 07 13:58:31 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.355 | 6923456  | 17.863 ug/ml |
| Target Compounds              |        |          |              |
| 2) N-DECANE                   | 4.131  | 724573   | 1.818 ug/mlm |
| 3) N-DODECANE                 | 6.178  | 635425   | 1.572 ug/mlm |
| 4) N-TETRADECANE              | 7.953  | 843592   | 2.020 ug/mlm |
| 5) N-HEXADECANE               | 9.517  | 918571   | 2.147 ug/mlm |
| 6) N-OCTADECANE               | 10.954 | 921296   | 2.054 ug/ml  |
| 7) N-EICOSANE                 | 12.263 | 909761   | 2.051 ug/ml  |
| 8) N-DOCOSANE                 | 13.458 | 983418   | 2.194 ug/ml  |
| 10) N-TETRACOSANE             | 14.558 | 1218162  | 2.752 ug/ml  |
| 11) N-HEXACOSANE              | 15.578 | 941982   | 2.153 ug/ml  |
| 12) N-OCTACOSANE              | 16.526 | 1030769  | 2.374 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : L2182-07  
Misc : LOD-2.5 PPM-WATER  
ALS Vial : 8 Sample Multiplier: 1

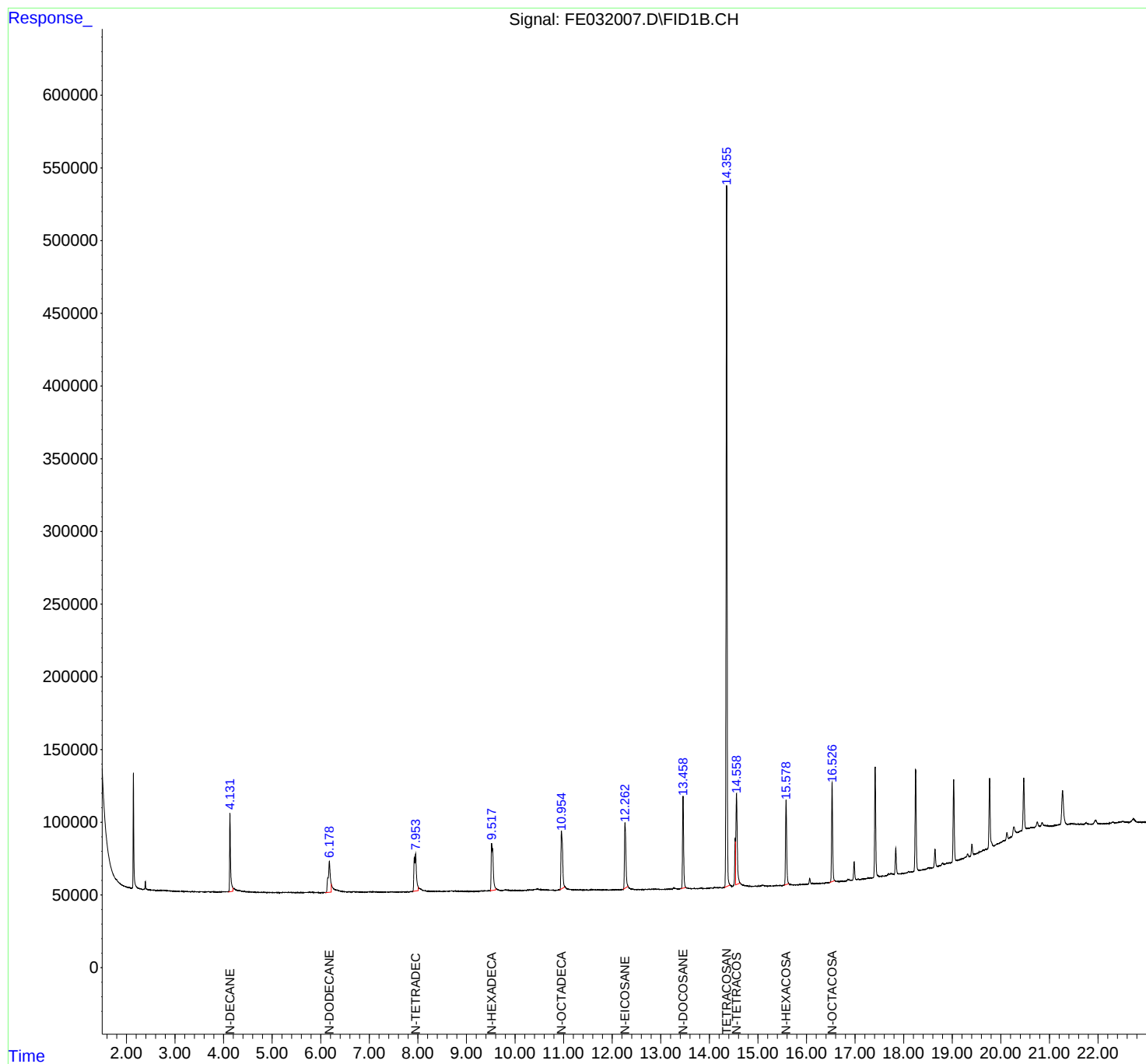
Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020

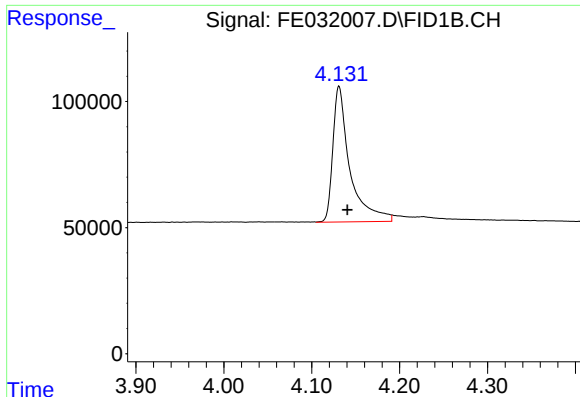
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Signal Info : 20mx0.18mmx0.18um





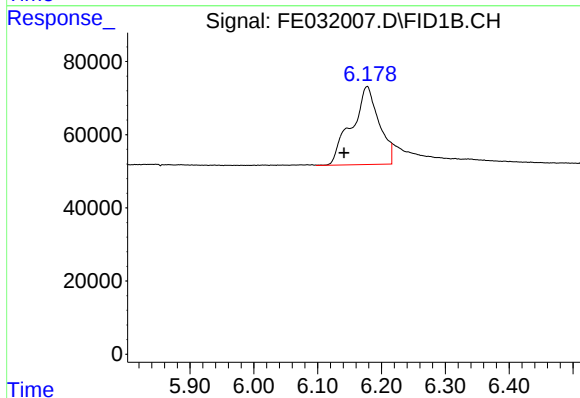
#2 N-DECANE

R.T.: 4.131 min  
Delta R.T.: -0.010 min  
Response: 724573  
Conc: 1.82 ug/ml m

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020

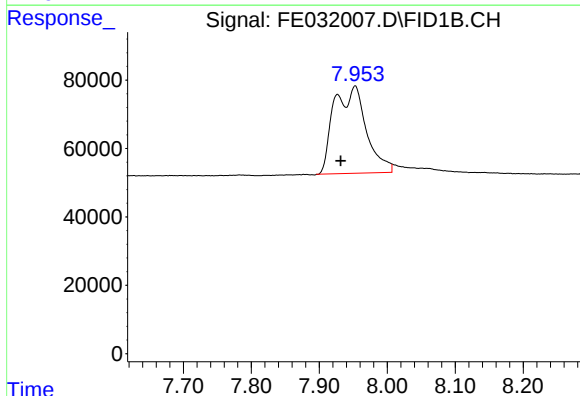
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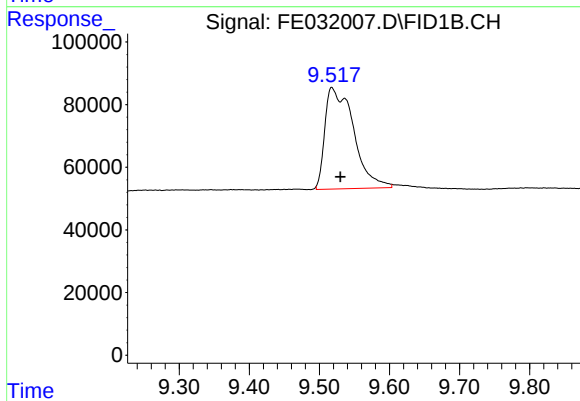
#3 N-DODECANE

R.T.: 6.178 min  
Delta R.T.: 0.036 min  
Response: 635425  
Conc: 1.57 ug/ml m



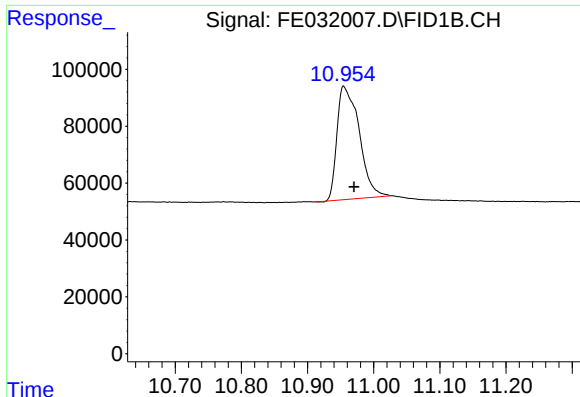
#4 N-TETRADECANE

R.T.: 7.953 min  
Delta R.T.: 0.021 min  
Response: 843592  
Conc: 2.02 ug/ml m



#5 N-HEXADECANE

R.T.: 9.517 min  
Delta R.T.: -0.013 min  
Response: 918571  
Conc: 2.15 ug/ml m



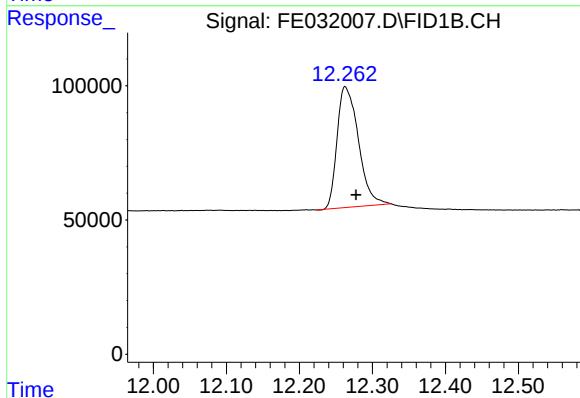
#6 N-OCTADECANE

R.T.: 10.954 min  
Delta R.T.: -0.016 min  
Response: 921296  
Conc: 2.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020

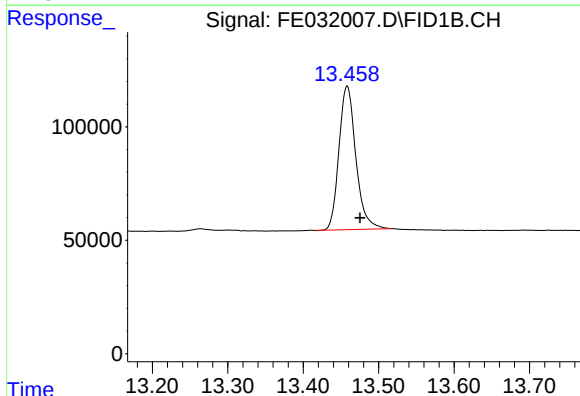
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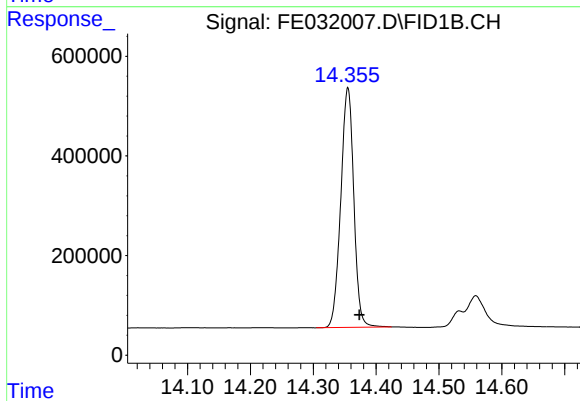
#7 N-EICOSANE

R.T.: 12.263 min  
Delta R.T.: -0.015 min  
Response: 909761  
Conc: 2.05 ug/ml



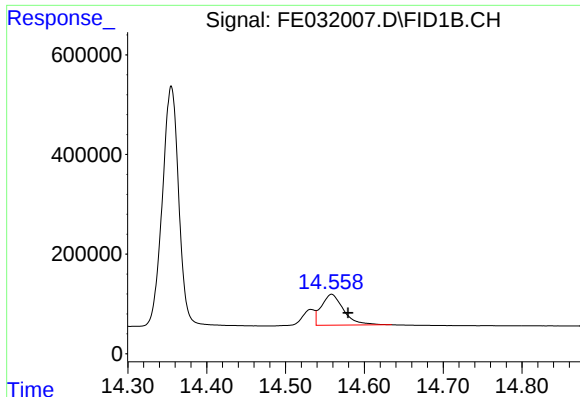
#8 N-DOCOSANE

R.T.: 13.458 min  
Delta R.T.: -0.017 min  
Response: 983418  
Conc: 2.19 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.355 min  
Delta R.T.: -0.018 min  
Response: 6923456  
Conc: 17.86 ug/ml



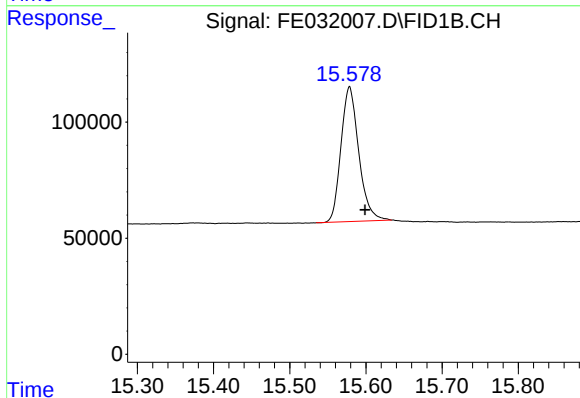
#10 N-TETRACOSANE

R.T.: 14.558 min  
Delta R.T.: -0.021 min  
Response: 1218162  
Conc: 2.75 ug/ml

Instrument :  
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ClientSampleId :  
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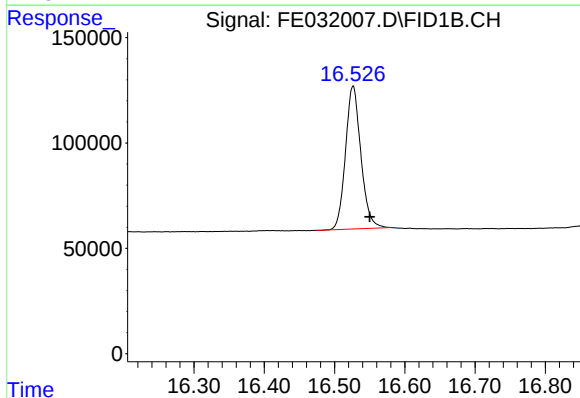
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#11 N-HEXACOSANE

R.T.: 15.578 min  
Delta R.T.: -0.021 min  
Response: 941982  
Conc: 2.15 ug/ml



#12 N-OCTACOSANE

R.T.: 16.526 min  
Delta R.T.: -0.024 min  
Response: 1030769  
Conc: 2.37 ug/ml