

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG030521\  
 Data File : FG007638.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Mar 2021 18:49  
 Operator : DD\AJ  
 Sample : M1576-02MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 IDW-GW804-SO-030421MSD

Manual Integrations  
 APPROVED

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Integration File: autoint1.e  
 Quant Time: Mar 05 23:33:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG030421.M  
 Quant Title :  
 QLast Update : Fri Mar 05 08:57:49 2021  
 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... | 14.457 | 1572323  | 11.792 ug/mlm |
| Target Compounds              |        |          |               |
| 2) N-DECANE                   | 4.176  | 2387612  | 15.277 ug/ml  |
| 3) N-DODECANE                 | 6.195  | 2413310  | 15.302 ug/ml  |
| 4) N-TETRADECANE              | 7.992  | 2410348  | 14.943 ug/ml  |
| 5) N-HEXADECANE               | 9.595  | 2338123  | 14.573 ug/ml  |
| 6) N-OCTADECANE               | 11.040 | 2288910  | 14.222 ug/ml  |
| 7) N-EICOSANE                 | 12.353 | 2235207  | 14.149 ug/ml  |
| 8) N-DOCOSANE                 | 13.555 | 2136679  | 13.844 ug/ml  |
| 10) N-TETRACOSANE             | 14.661 | 2032010  | 13.482 ug/ml  |
| 11) N-HEXACOSANE              | 15.686 | 1929382  | 13.302 ug/ml  |
| 12) N-OCTACOSANE              | 16.639 | 1891456  | 13.485 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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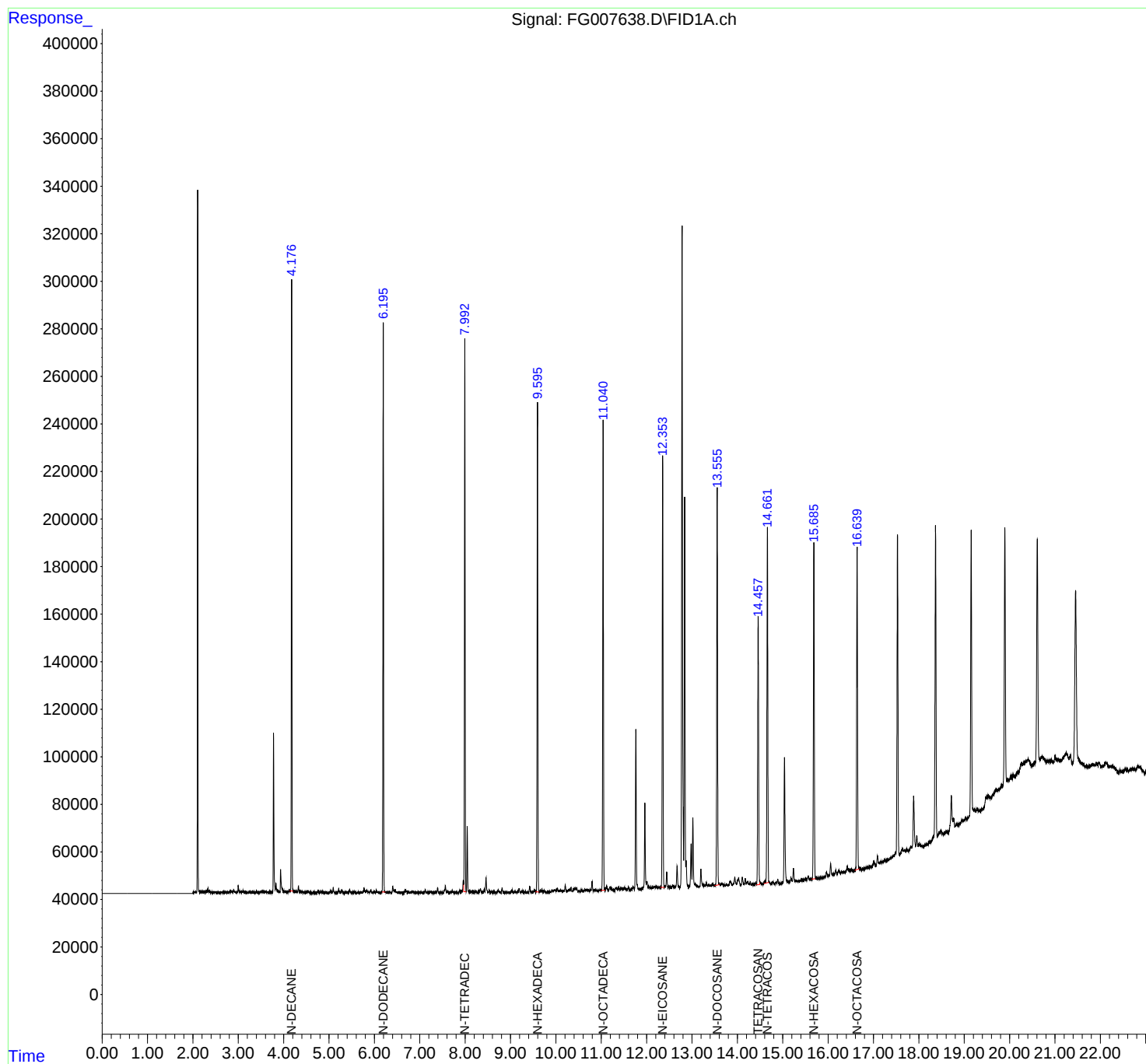
Instrument :  
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IDW-GW804-SO-030421MSD

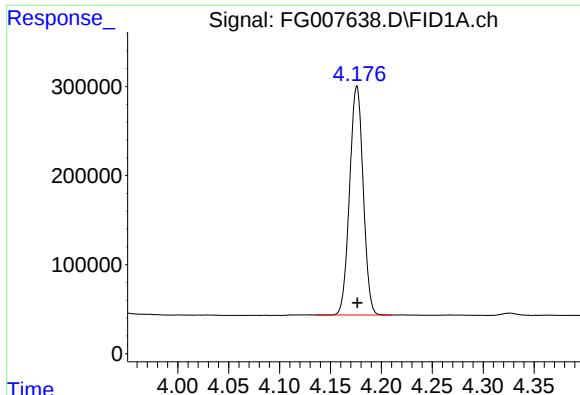
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Signal Info : 20mx0.18mmx0.18um





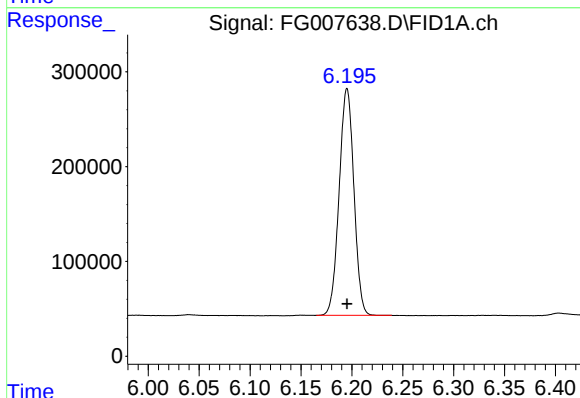
#2 N-DECANE

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 2387612  
Conc: 15.28 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
IDW-GW804-SO-030421MSD

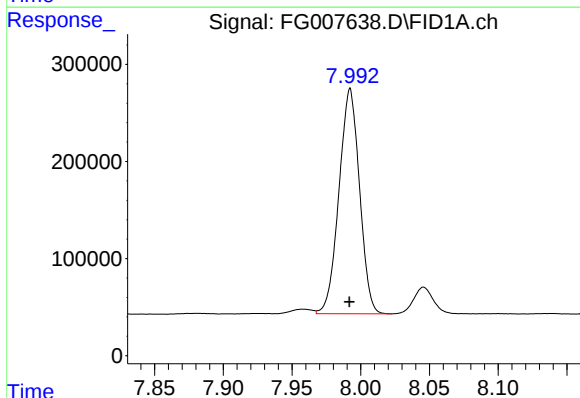
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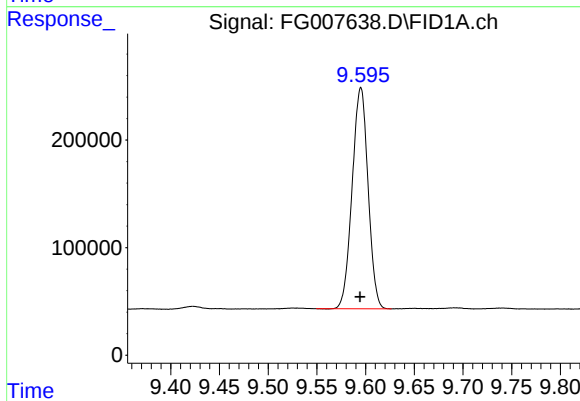
#3 N-DODECANE

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 2413310  
Conc: 15.30 ug/ml



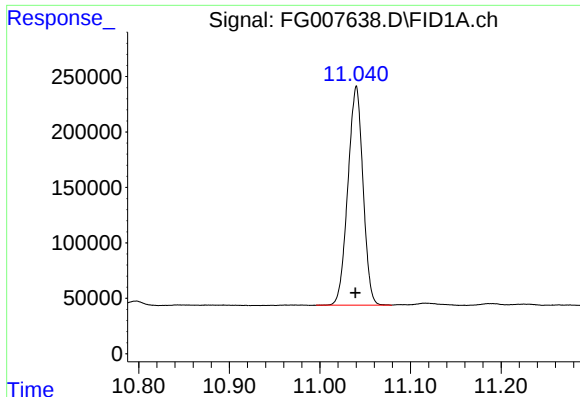
#4 N-TETRADECANE

R.T.: 7.992 min  
Delta R.T.: 0.000 min  
Response: 2410348  
Conc: 14.94 ug/ml



#5 N-HEXADECANE

R.T.: 9.595 min  
Delta R.T.: 0.000 min  
Response: 2338123  
Conc: 14.57 ug/ml



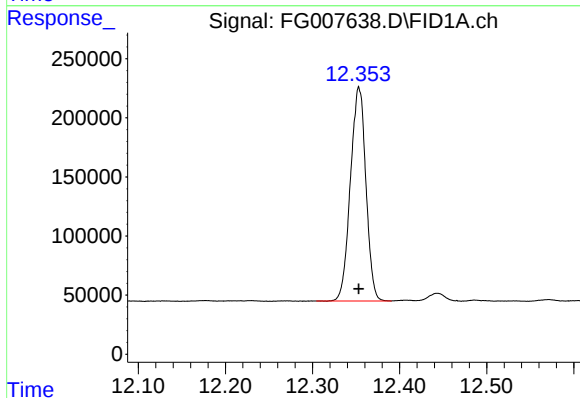
#6 N-OCTADECANE

R.T.: 11.040 min  
Delta R.T.: 0.000 min  
Response: 2288910  
Conc: 14.22 ug/ml

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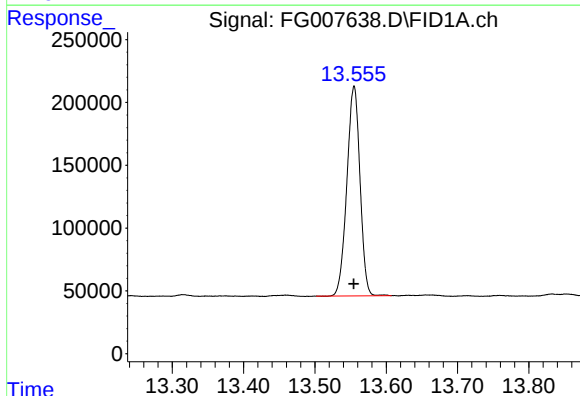
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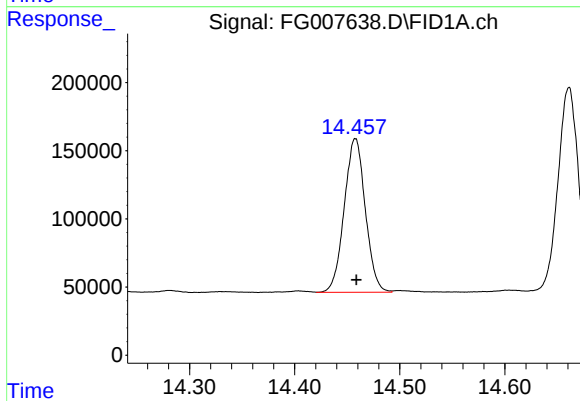
#7 N-EICOSANE

R.T.: 12.353 min  
Delta R.T.: 0.000 min  
Response: 2235207  
Conc: 14.15 ug/ml



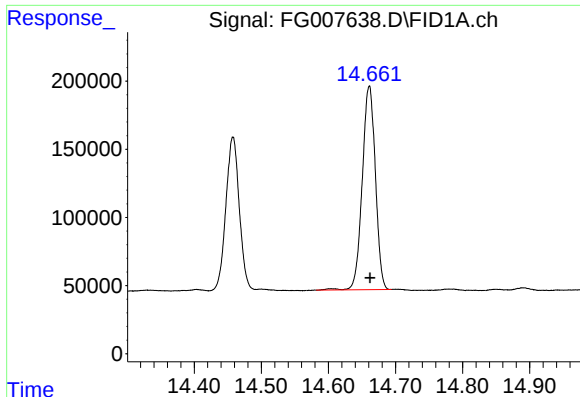
#8 N-DOCOSANE

R.T.: 13.555 min  
Delta R.T.: 0.000 min  
Response: 2136679  
Conc: 13.84 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.457 min  
Delta R.T.: -0.002 min  
Response: 1572323  
Conc: 11.79 ug/ml m



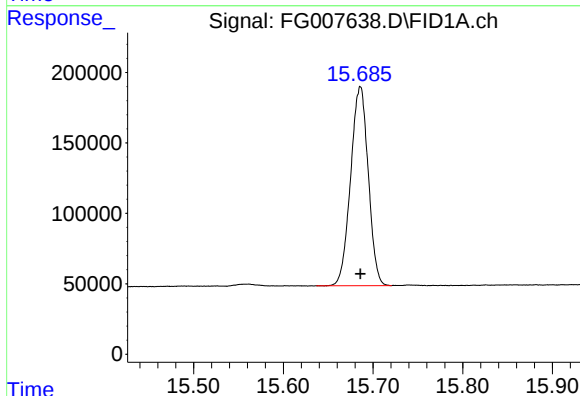
#10 N-TETRACOSANE

R.T.: 14.661 min  
Delta R.T.: -0.001 min  
Response: 2032010  
Conc: 13.48 ug/ml

Instrument :  
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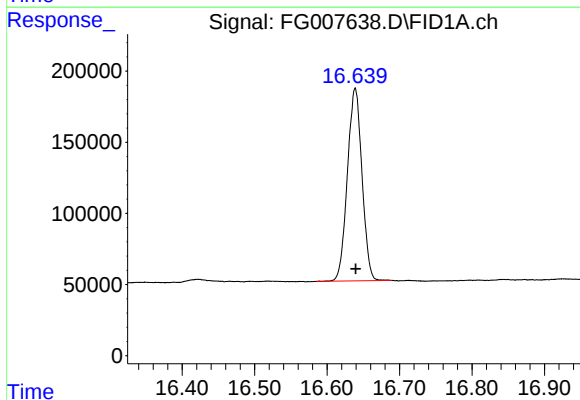
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#11 N-HEXACOSANE

R.T.: 15.686 min  
Delta R.T.: 0.000 min  
Response: 1929382  
Conc: 13.30 ug/ml



#12 N-OCTACOSANE

R.T.: 16.639 min  
Delta R.T.: 0.000 min  
Response: 1891456  
Conc: 13.48 ug/ml