

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012723\  
 Data File : FG011329.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Jan 2023 16:55  
 Operator : YP\AJ  
 Sample : 01318-04MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 28 01:39:03 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG123022.M  
 Quant Title :  
 QLast Update : Mon Jan 02 04:44:41 2023  
 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... | 15.055 | 407603   | 2.660 ug/ml  |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.074  | 1653599  | 10.020 ug/ml |
| 2) N-DECANE                   | 4.599  | 2488450  | 14.358 ug/ml |
| 3) N-DODECANE                 | 6.773  | 2960110  | 16.778 ug/ml |
| 4) N-TETRADECANE              | 8.606  | 3009956  | 16.880 ug/ml |
| 5) N-HEXADECANE               | 10.220 | 3352006  | 18.479 ug/ml |
| 6) N-OCTADECANE               | 11.669 | 2871421  | 15.642 ug/ml |
| 7) N-EICOSANE                 | 12.987 | 3708479  | 20.648 ug/ml |
| 8) N-DOCOSANE                 | 14.190 | 3186061  | 18.027 ug/ml |
| 10) N-TETRACOSANE             | 15.257 | 8811360  | 50.497 ug/ml |
| 11) N-HEXACOSANE              | 16.297 | 392415   | 2.304 ug/ml  |
| 12) N-OCTACOSANE              | 17.231 | 9680011  | 58.858 ug/ml |
| -----                         |        |          |              |

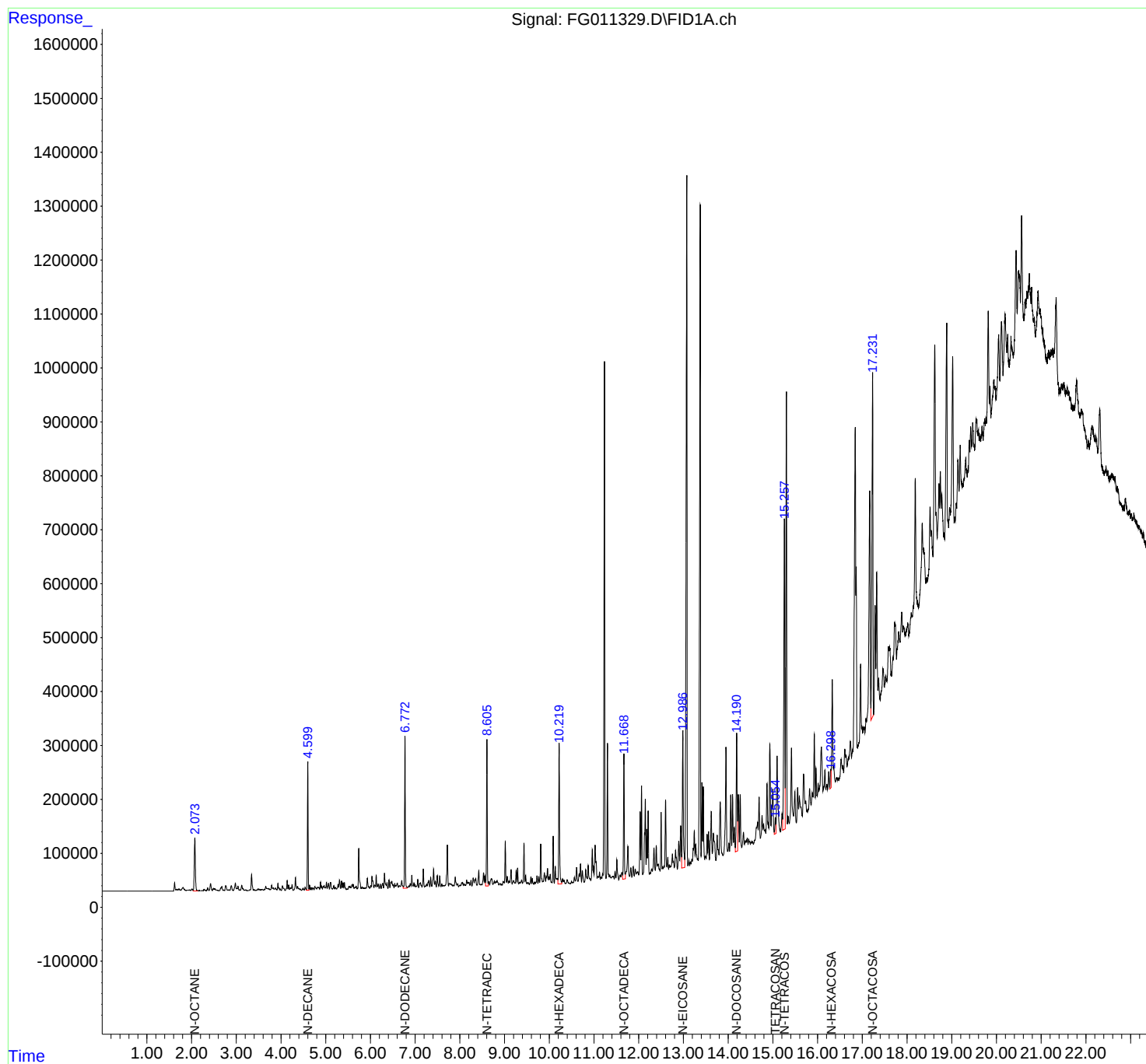
(f)=RT Delta > 1/2 Window

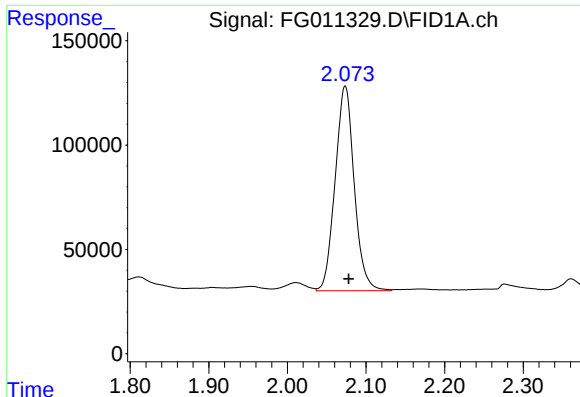
(m)=manual int.

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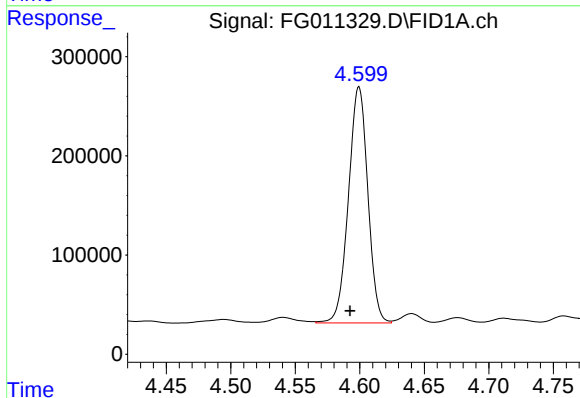
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





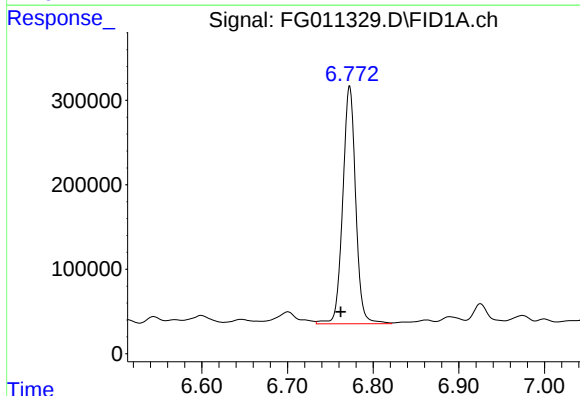
#1 N-OCTANE

R.T.: 2.074 min  
Delta R.T.: -0.004 min  
Response: 1653599  
Conc: 10.02 ug/ml



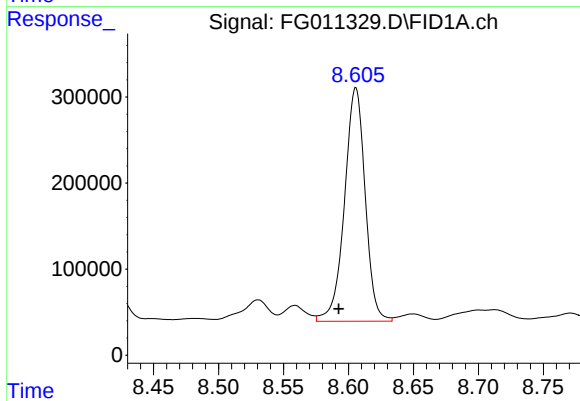
#2 N-DECANE

R.T.: 4.599 min  
Delta R.T.: 0.007 min  
Response: 2488450  
Conc: 14.36 ug/ml



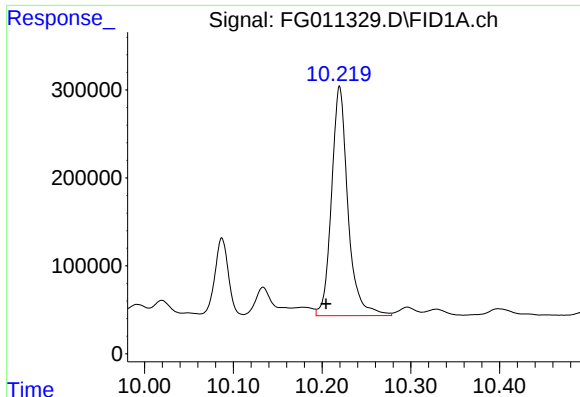
#3 N-DODECANE

R.T.: 6.773 min  
Delta R.T.: 0.011 min  
Response: 2960110  
Conc: 16.78 ug/ml



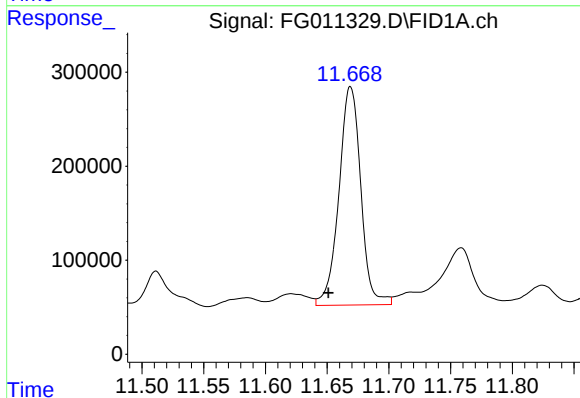
#4 N-TETRADECANE

R.T.: 8.606 min  
Delta R.T.: 0.013 min  
Response: 3009956  
Conc: 16.88 ug/ml



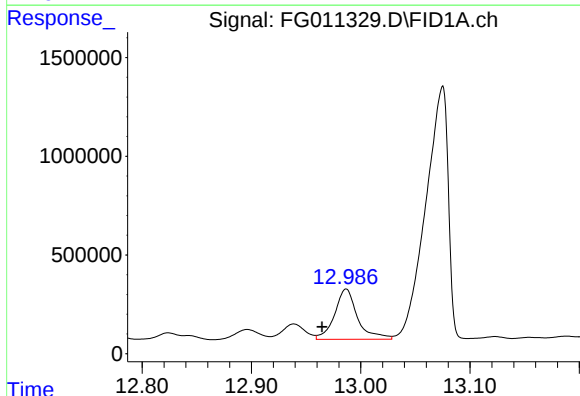
#5 N-HEXADECANE

R.T.: 10.220 min  
Delta R.T.: 0.015 min  
Response: 3352006  
Conc: 18.48 ug/ml



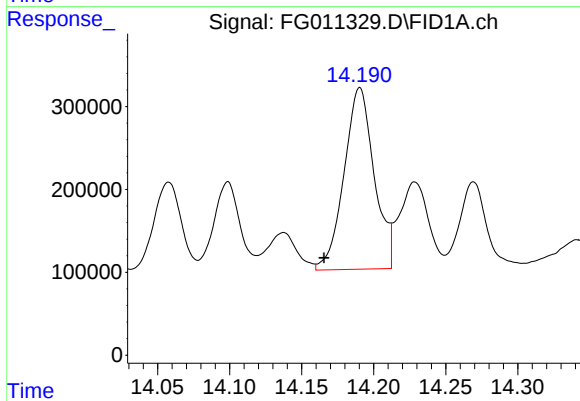
#6 N-OCTADECANE

R.T.: 11.669 min  
Delta R.T.: 0.018 min  
Response: 2871421  
Conc: 15.64 ug/ml



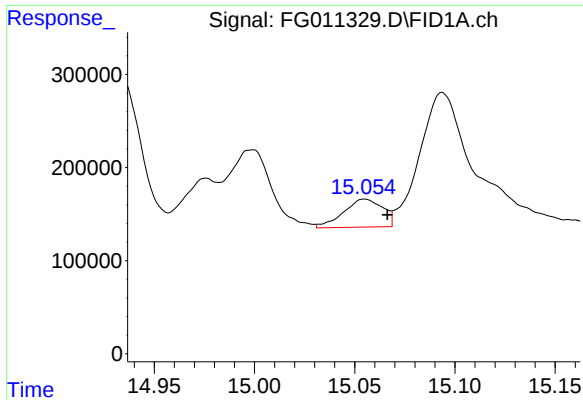
#7 N-EICOSANE

R.T.: 12.987 min  
Delta R.T.: 0.022 min  
Response: 3708479  
Conc: 20.65 ug/ml



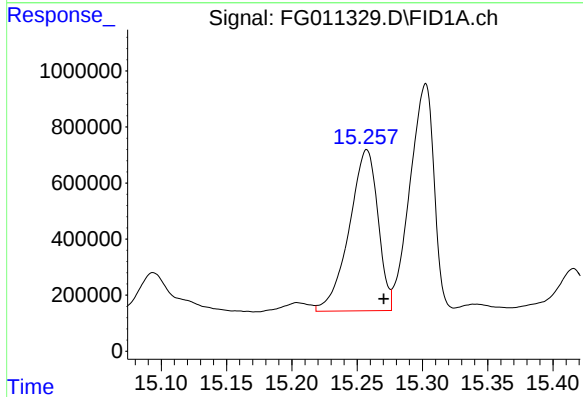
#8 N-DOCOSANE

R.T.: 14.190 min  
Delta R.T.: 0.025 min  
Response: 3186061  
Conc: 18.03 ug/ml



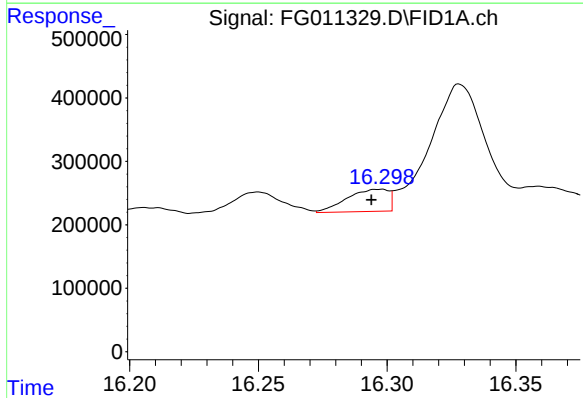
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.055 min  
Delta R.T.: -0.011 min  
Response: 407603  
Conc: 2.66 ug/ml



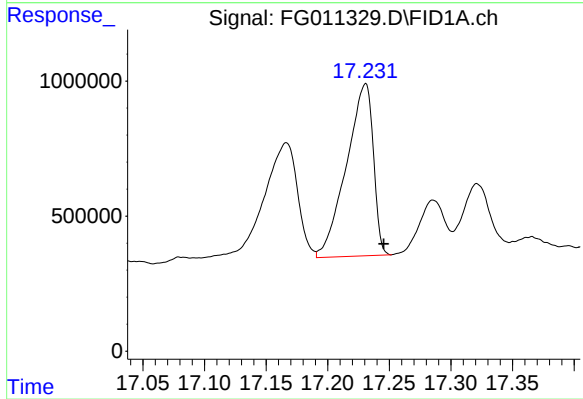
#10 N-TETRACOSANE

R.T.: 15.257 min  
Delta R.T.: -0.013 min  
Response: 8811360  
Conc: 50.50 ug/ml



#11 N-HEXACOSANE

R.T.: 16.297 min  
Delta R.T.: 0.003 min  
Response: 392415  
Conc: 2.30 ug/ml



#12 N-OCTACOSANE

R.T.: 17.231 min  
Delta R.T.: -0.015 min  
Response: 9680011  
Conc: 58.86 ug/ml