

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082119\  
 Data File : FG005675.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Aug 2019 21:08  
 Operator : DD\AJ  
 Sample : K4421-09 10X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 22 07:32:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
 Quant Title :  
 QLast Update : Thu Aug 08 16:03:53 2019  
 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... | 14.748 | 171249   | 1.340 ug/ml  |
| Target Compounds            |                          |        |          |              |
| 4)                          | N-TETRADECANE            | 8.346f | 20251    | 0.137 ug/ml  |
| 5)                          | N-HEXADECANE             | 9.885  | 23030    | 0.153 ug/ml  |
| 6)                          | N-OCTADECANE             | 11.331 | 29259    | 0.196 ug/ml  |
| 7)                          | N-EICOSANE               | 12.643 | 55201    | 0.368 ug/ml  |
| 8)                          | N-DOCOSANE               | 13.848 | 74707    | 0.506 ug/ml  |
| 10)                         | N-TETRACOSANE            | 14.950 | 156757   | 1.079 ug/ml  |
| 11)                         | N-HEXACOSANE             | 15.976 | 230353   | 1.605 ug/ml  |
| 12)                         | N-OCTACOSANE             | 16.929 | 732147   | 4.843 ug/ml  |
| 13)                         | N-TRIACONTANE            | 17.818 | 1439369  | 9.517 ug/ml  |
| 14)                         | N-DOTRIACONTANE          | 18.651 | 2684728  | 20.050 ug/ml |
| 15)                         | N-TETRATRIACONTANE       | 19.440 | 2974572  | 24.080 ug/ml |
| 16)                         | N-HEXATRIACONTANE        | 20.183 | 3657104  | 31.719 ug/ml |
| 17)                         | N-OCTATRIACONTANE        | 20.961 | 522334   | 5.003 ug/ml  |
| 18)                         | N-TETRACONTANE           | 21.884 | 1551296  | 14.917 ug/ml |
| -----                       |                          |        |          |              |

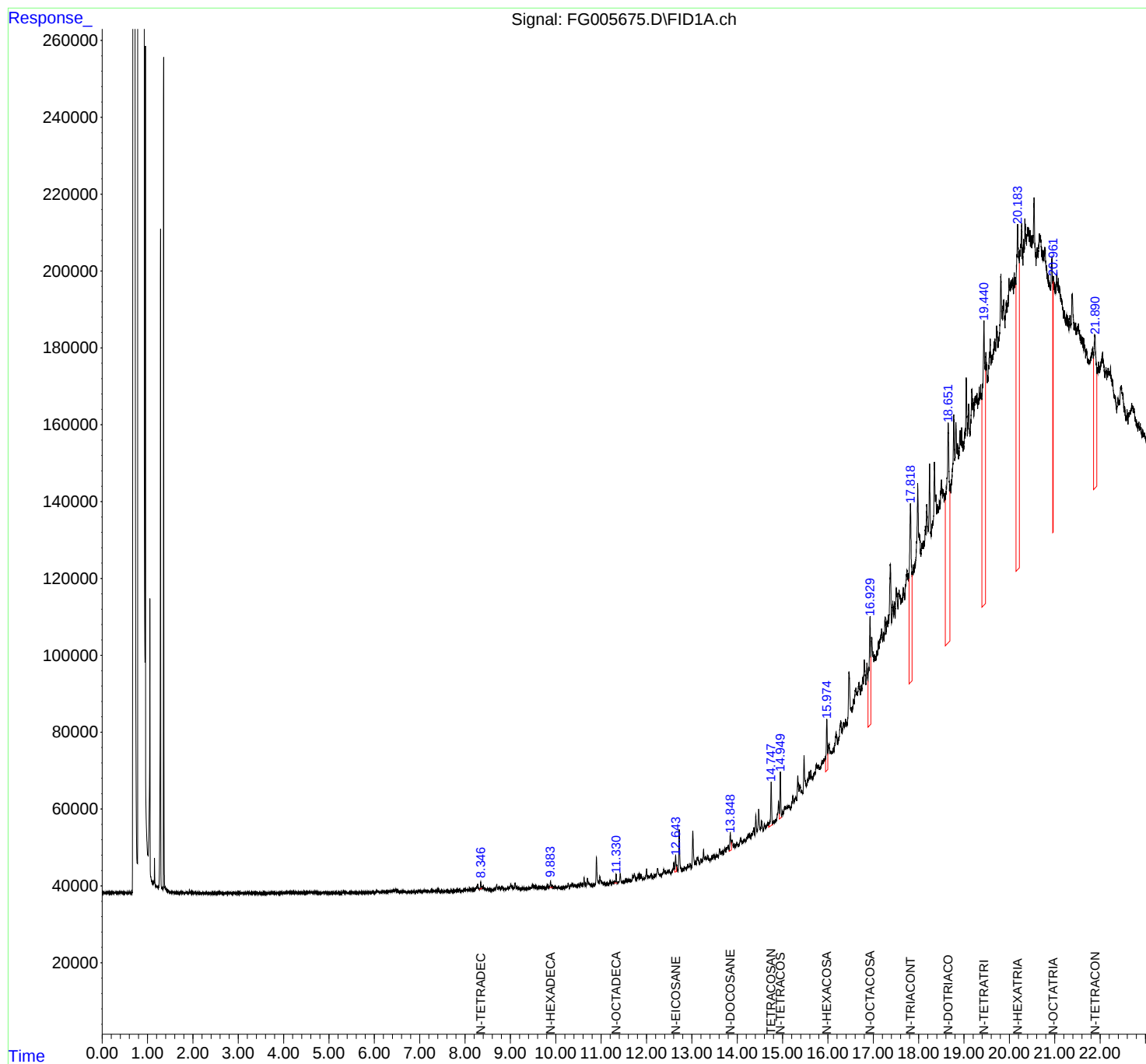
(f)=RT Delta > 1/2 Window

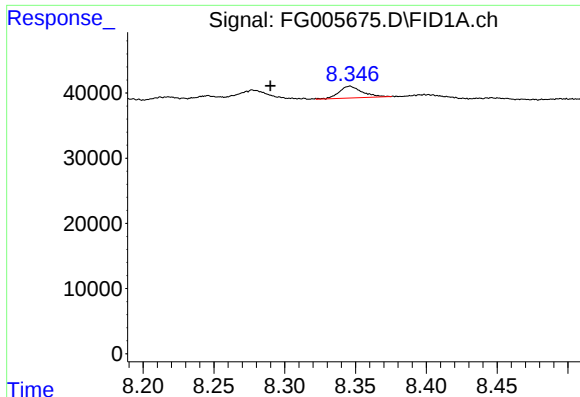
(m)=manual int.

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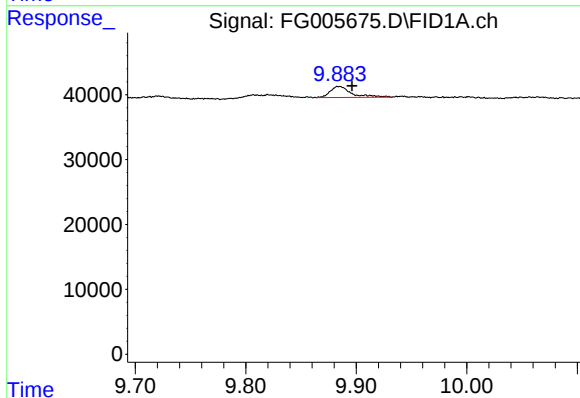
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





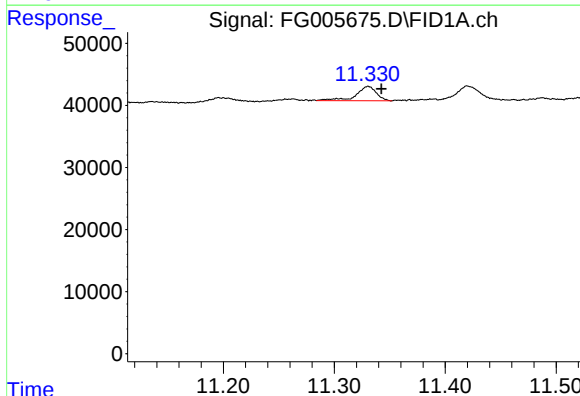
#4 N-TETRADECANE

R.T.: 8.346 min  
Delta R.T.: 0.056 min  
Response: 20251  
Conc: 0.14 ug/ml



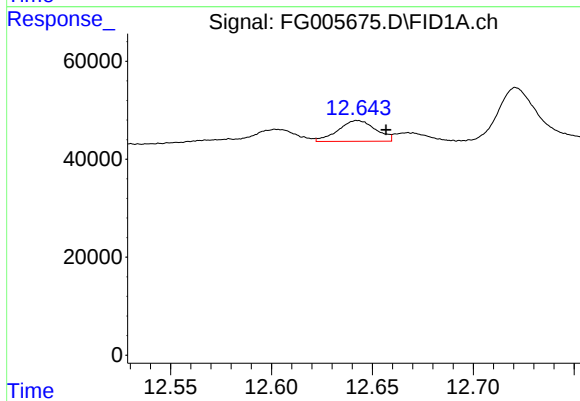
#5 N-HEXADECANE

R.T.: 9.885 min  
Delta R.T.: -0.012 min  
Response: 23030  
Conc: 0.15 ug/ml



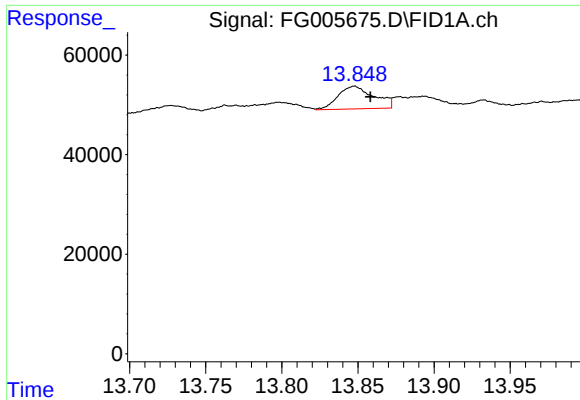
#6 N-OCTADECANE

R.T.: 11.331 min  
Delta R.T.: -0.012 min  
Response: 29259  
Conc: 0.20 ug/ml



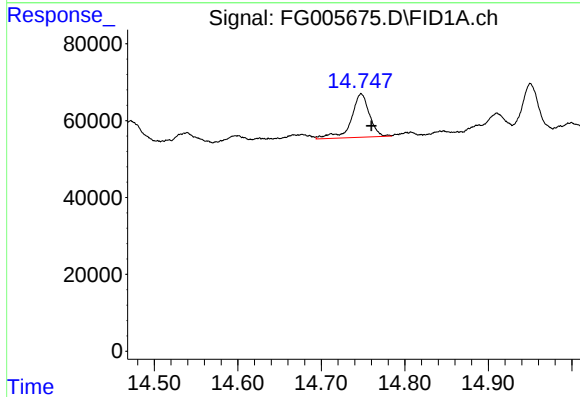
#7 N-EICOSANE

R.T.: 12.643 min  
Delta R.T.: -0.014 min  
Response: 55201  
Conc: 0.37 ug/ml



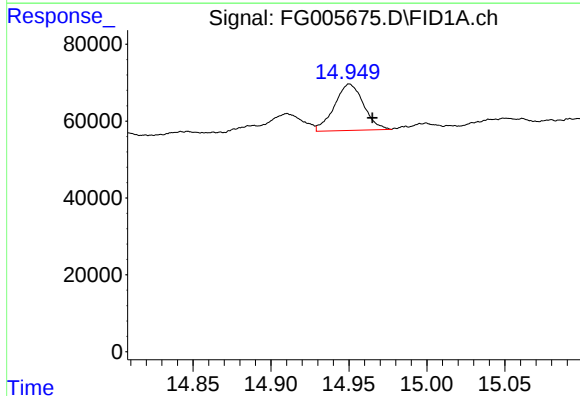
#8 N-DOCOSANE

R.T.: 13.848 min  
Delta R.T.: -0.011 min  
Response: 74707  
Conc: 0.51 ug/ml



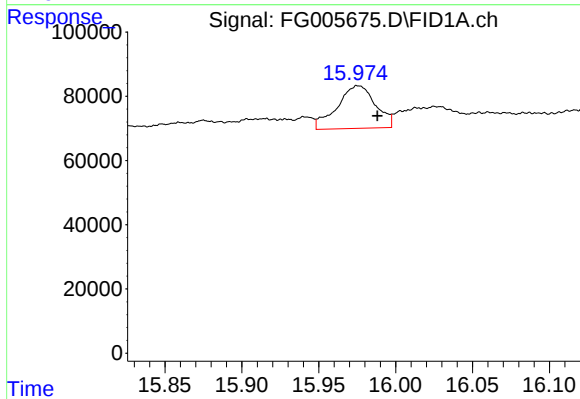
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.748 min  
Delta R.T.: -0.012 min  
Response: 171249  
Conc: 1.34 ug/ml



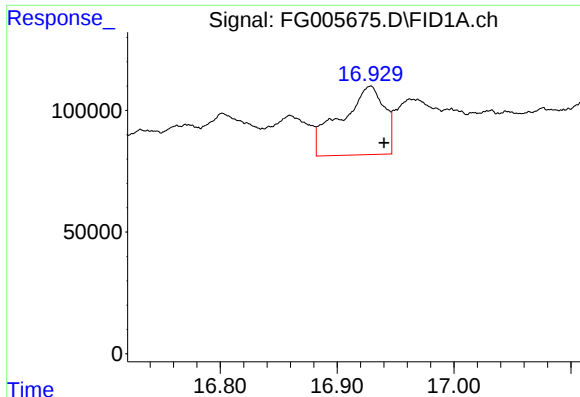
#10 N-TETRACOSANE

R.T.: 14.950 min  
Delta R.T.: -0.015 min  
Response: 156757  
Conc: 1.08 ug/ml



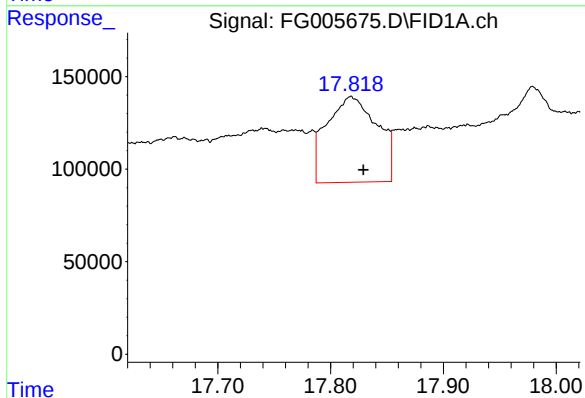
#11 N-HEXACOSANE

R.T.: 15.976 min  
Delta R.T.: -0.012 min  
Response: 230353  
Conc: 1.60 ug/ml



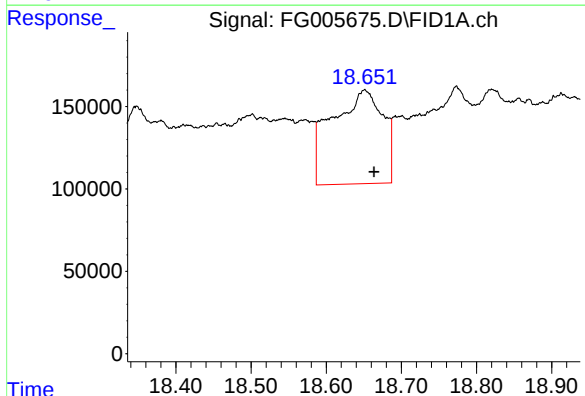
#12 N-OCTACOSANE

R.T.: 16.929 min  
Delta R.T.: -0.011 min  
Response: 732147  
Conc: 4.84 ug/ml



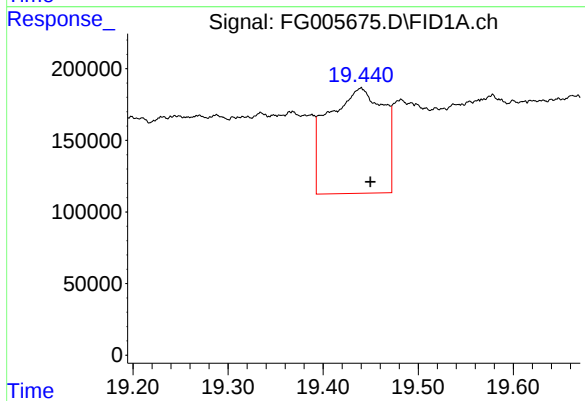
#13 N-TRIACONTANE

R.T.: 17.818 min  
Delta R.T.: -0.011 min  
Response: 1439369  
Conc: 9.52 ug/ml



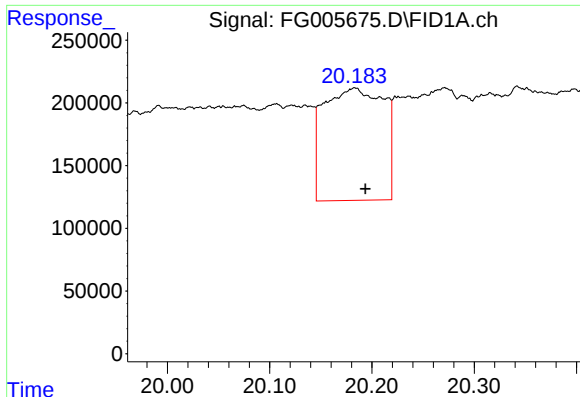
#14 N-DOTRIACONTANE

R.T.: 18.651 min  
Delta R.T.: -0.013 min  
Response: 2684728  
Conc: 20.05 ug/ml



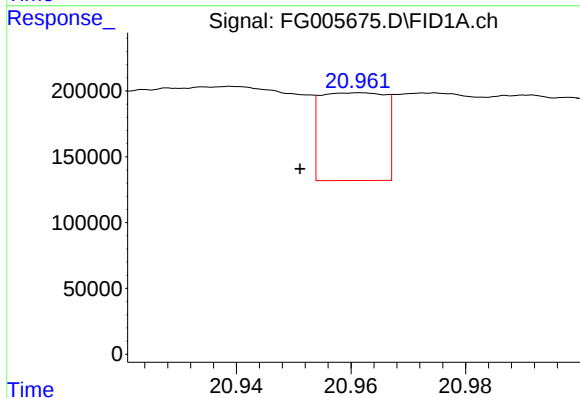
#15 N-TETRATRIACONTANE

R.T.: 19.440 min  
Delta R.T.: -0.010 min  
Response: 2974572  
Conc: 24.08 ug/ml



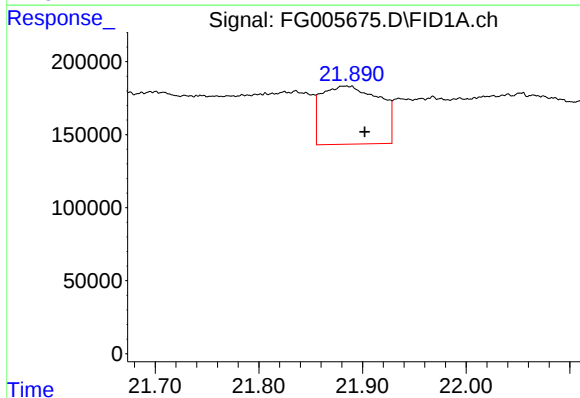
#16 N-HEXATRIACONTANE

R.T.: 20.183 min  
Delta R.T.: -0.010 min  
Response: 3657104  
Conc: 31.72 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.961 min  
Delta R.T.: 0.010 min  
Response: 522334  
Conc: 5.00 ug/ml



#18 N-TETRACONTANE

R.T.: 21.884 min  
Delta R.T.: -0.018 min  
Response: 1551296  
Conc: 14.92 ug/ml