

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062518AL\  
 Data File : FC034975.D  
 Signal(s) : FID1A.CH  
 Acq On : 26 Jun 2018 17:03  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 26 17:32:07 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 062518.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 25 14:27:40 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.468 | 2416320    | 23.468 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 46.94%        |
| 12) S 1-chlorooctadecane (S... | 12.908 | 1838639    | 22.971 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 45.94%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.250  | 1859628    | 22.176 ug/ml  |
| 2) T n-Decane (C10)            | 4.319  | 1924176    | 22.958 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.899  | 2347811    | 24.743 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.336  | 2067632    | 23.956 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 6.953  | 2437267    | 25.310 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.126  | 2158191    | 24.202 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.721  | 2184792    | 23.814 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.158 | 2155145    | 22.836 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.466 | 2192769    | 22.740 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.076 | 2164481    | 22.784 ug/ml  |
| 13) T n-Docosane (C22)         | 13.662 | 2190784    | 22.954 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.763 | 2187047    | 22.913 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.782 | 2146937    | 22.710 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.732 | 2187631    | 23.268 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.618 | 2131493    | 23.197 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.449 | 2130897    | 23.999 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.231 | 2061312    | 22.782 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.971 | 2154849    | 24.033 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.693 | 1911787    | 20.729 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.567 | 2209899    | 23.514 ug/mlm |
| -----                          |        |            |               |

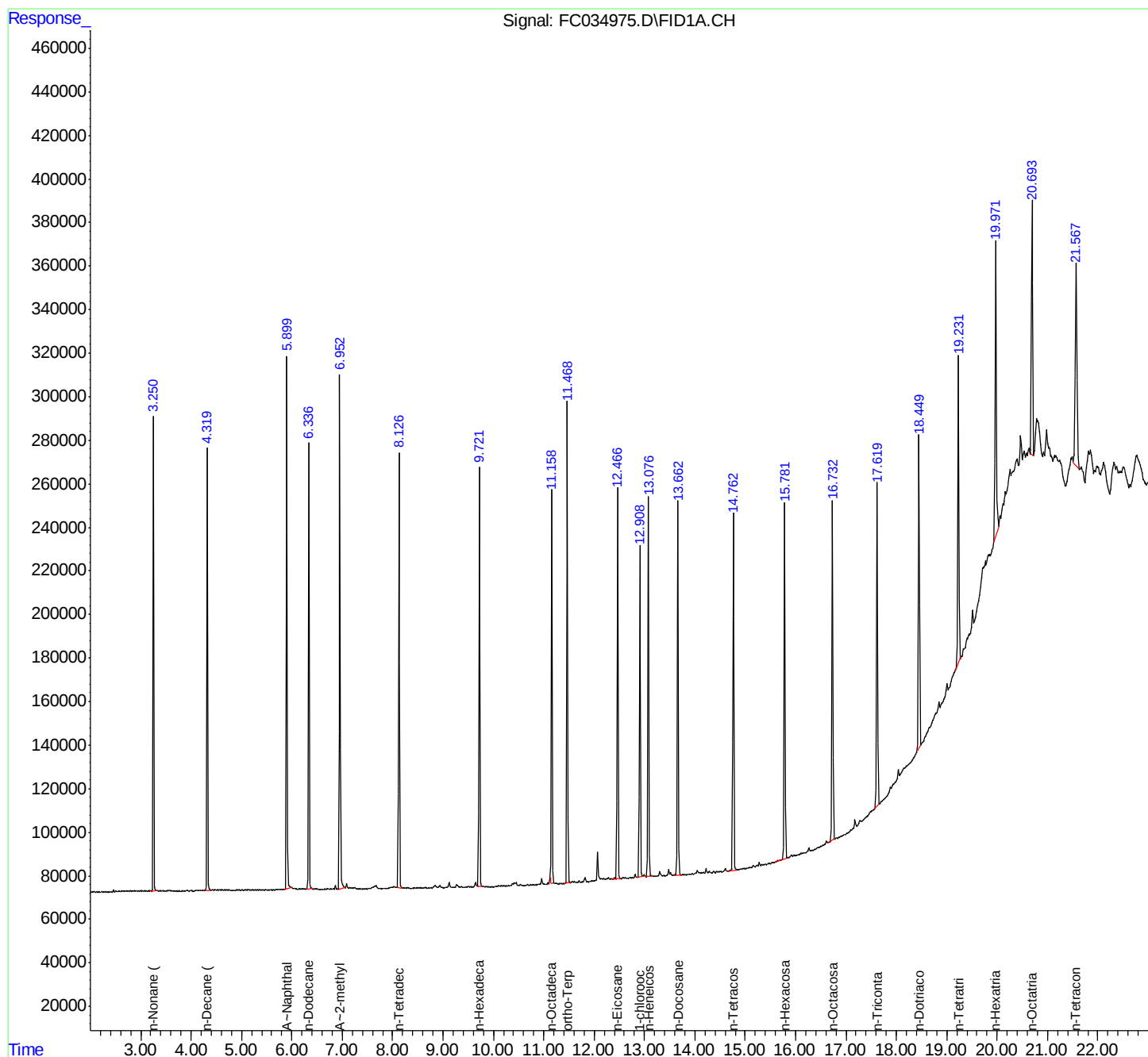
(f)=RT Delta > 1/2 Window

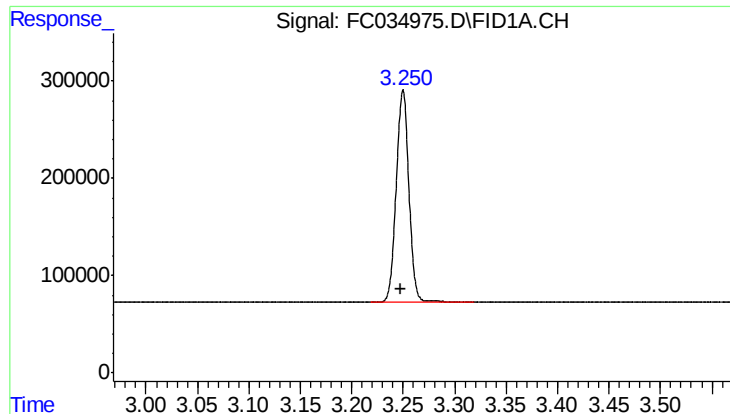
(m)=manual int.

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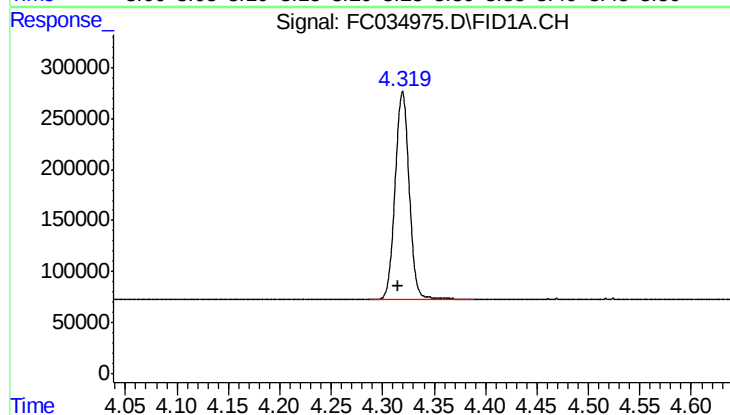
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





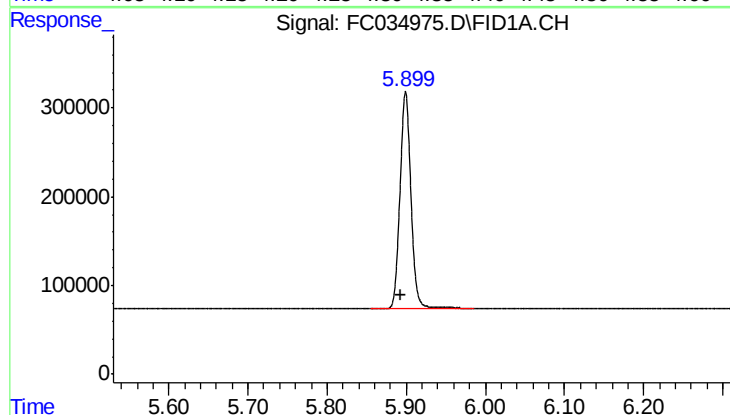
#1 n-Nonane (C9)

R.T.: 3.250 min  
Delta R.T.: 0.002 min  
Response: 1859628  
Conc: 22.18 ug/ml



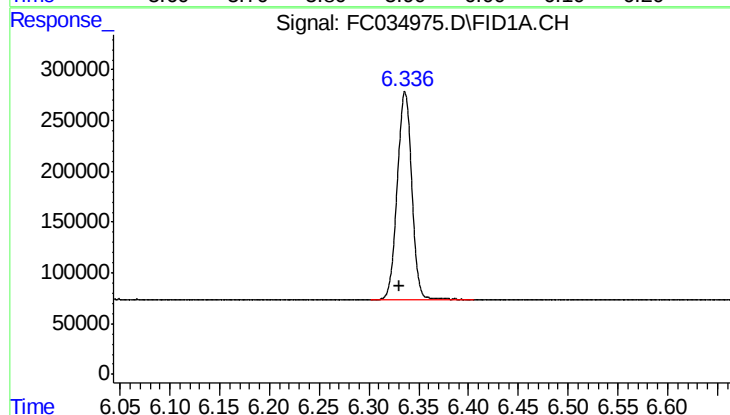
#2 n-Decane (C10)

R.T.: 4.319 min  
Delta R.T.: 0.004 min  
Response: 1924176  
Conc: 22.96 ug/ml



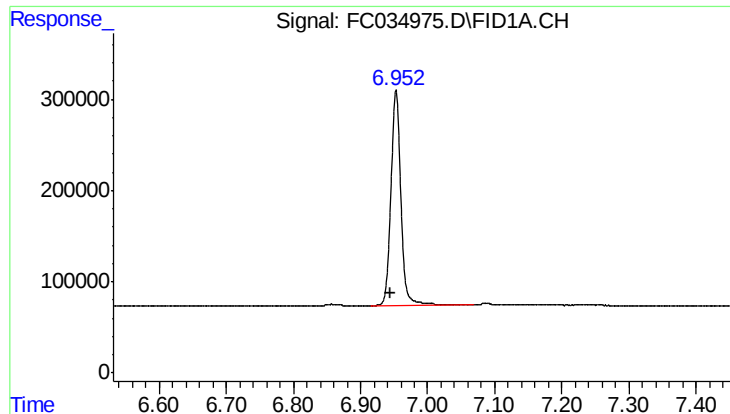
#3 A-Naphthalene (C11.7)

R.T.: 5.899 min  
Delta R.T.: 0.006 min  
Response: 2347811  
Conc: 24.74 ug/ml



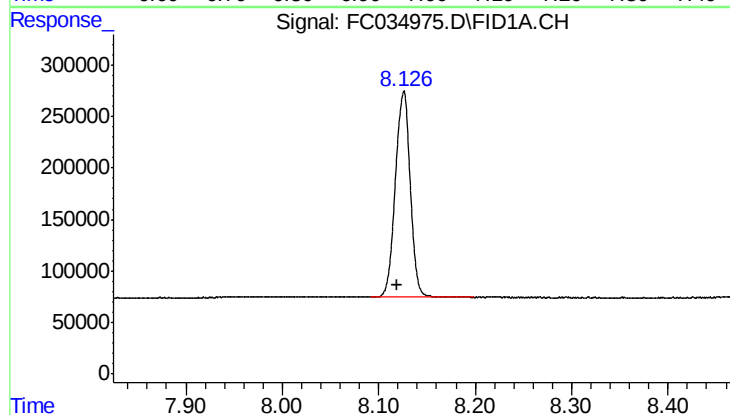
#4 n-Dodecane (C12)

R.T.: 6.336 min  
Delta R.T.: 0.005 min  
Response: 2067632  
Conc: 23.96 ug/ml



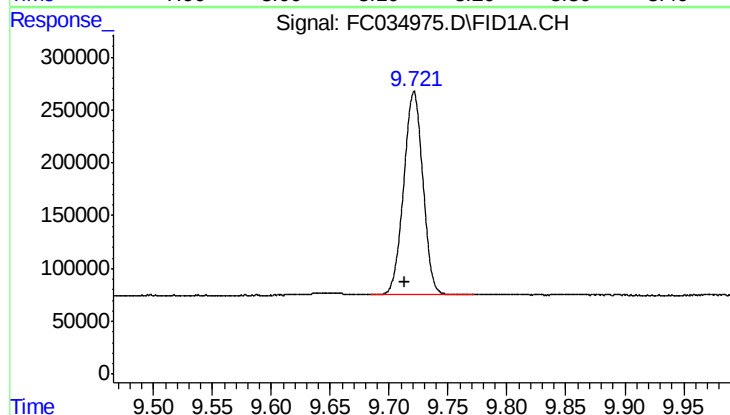
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.953 min  
Delta R.T.: 0.007 min  
Response: 2437267  
Conc: 25.31 ug/ml



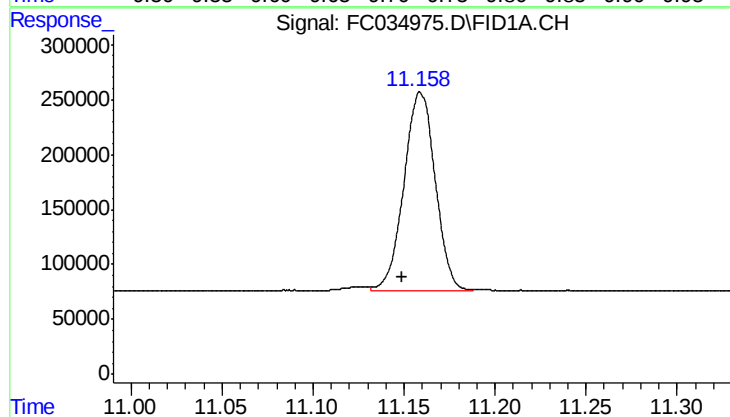
#6 n-Tetradecane (C14)

R.T.: 8.126 min  
Delta R.T.: 0.007 min  
Response: 2158191  
Conc: 24.20 ug/ml



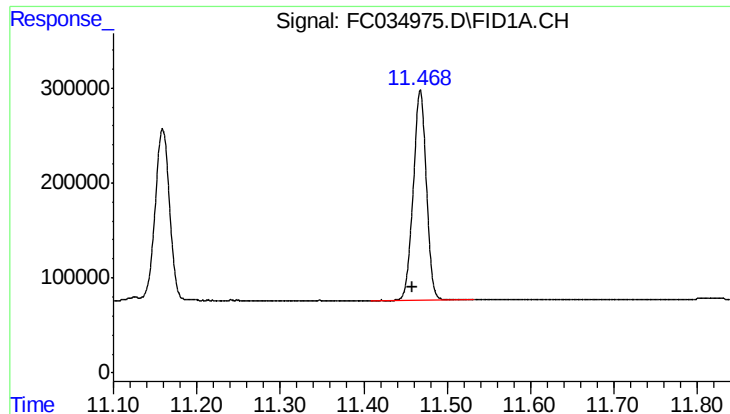
#7 n-Hexadecane (C16)

R.T.: 9.721 min  
Delta R.T.: 0.008 min  
Response: 2184792  
Conc: 23.81 ug/ml



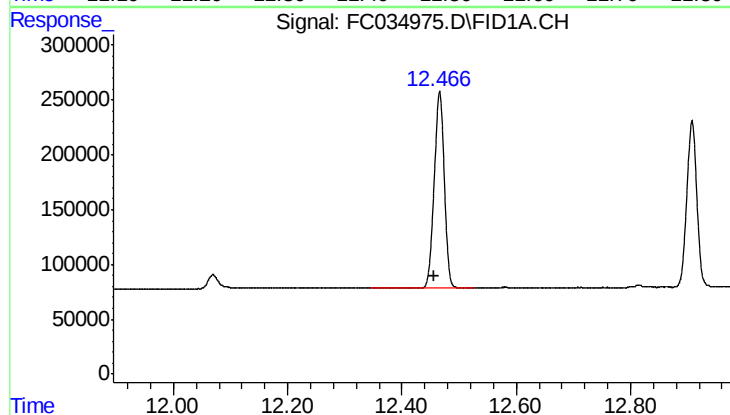
#8 n-Octadecane (C18)

R.T.: 11.158 min  
Delta R.T.: 0.009 min  
Response: 2155145  
Conc: 22.84 ug/ml m



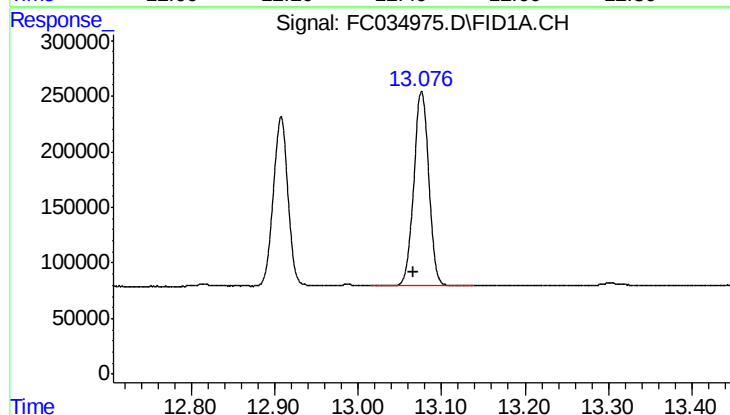
#9 ortho-Terphenyl (SURR)

R.T.: 11.468 min  
Delta R.T.: 0.010 min  
Response: 2416320  
Conc: 23.47 ug/ml



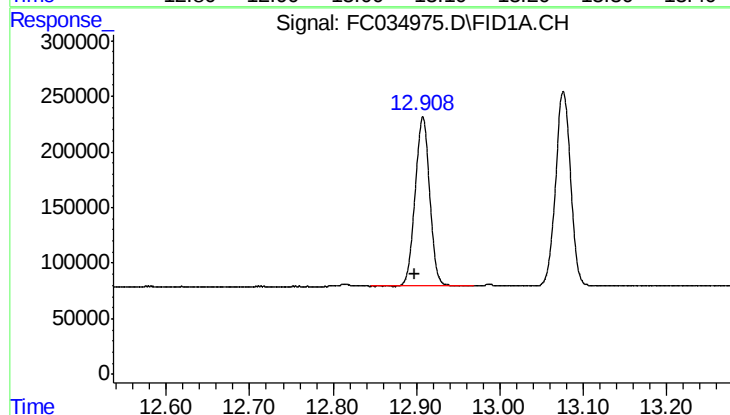
#10 n-Eicosane (C20)

R.T.: 12.466 min  
Delta R.T.: 0.009 min  
Response: 2192769  
Conc: 22.74 ug/ml



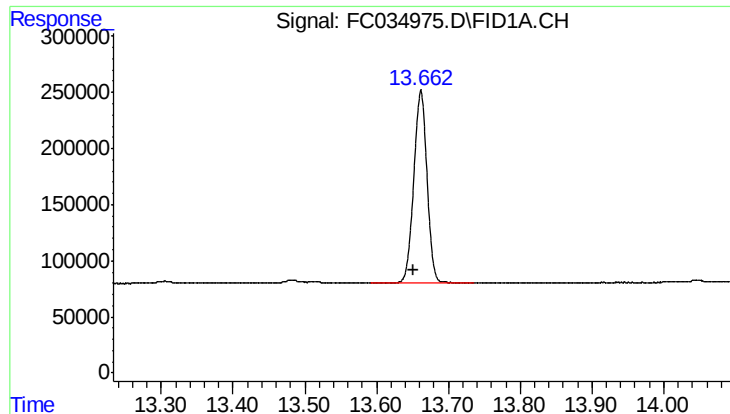
#11 n-Heneicosane (C21)

R.T.: 13.076 min  
Delta R.T.: 0.009 min  
Response: 2164481  
Conc: 22.78 ug/ml



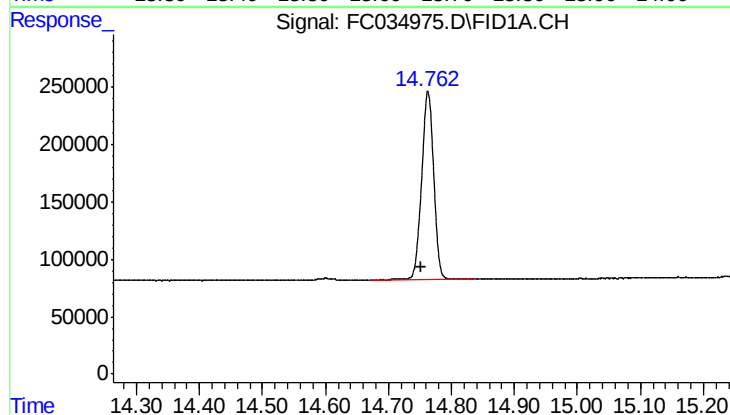
#12 1-chlorooctadecane (SURR)

R.T.: 12.908 min  
Delta R.T.: 0.009 min  
Response: 1838639  
Conc: 22.97 ug/ml



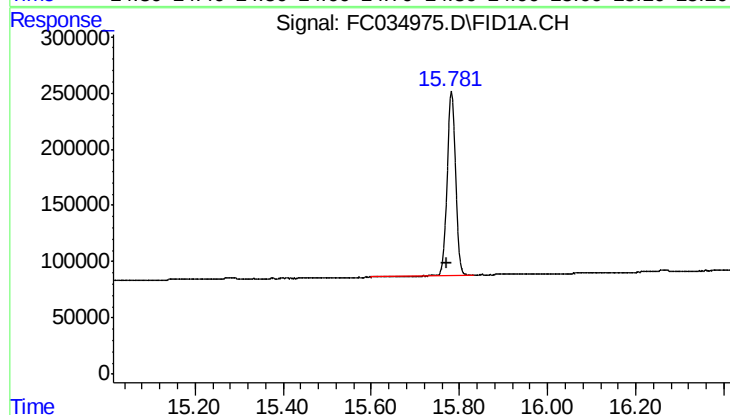
#13 n-Docosane (C22)

R.T.: 13.662 min  
Delta R.T.: 0.010 min  
Response: 2190784  
Conc: 22.95 ug/ml



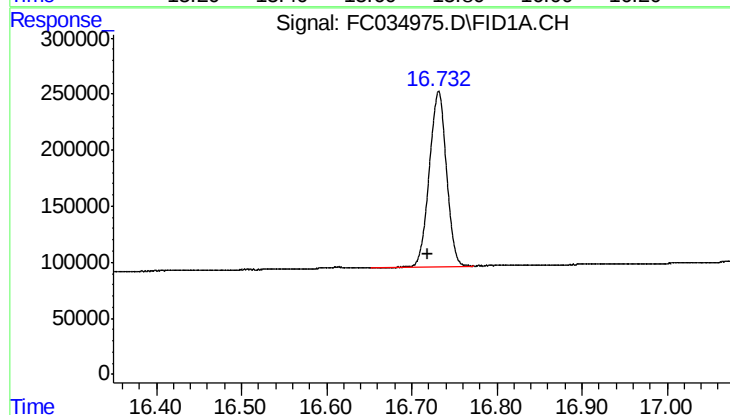
#14 n-Tetracosane (C24)

R.T.: 14.763 min  
Delta R.T.: 0.010 min  
Response: 2187047  
Conc: 22.91 ug/ml



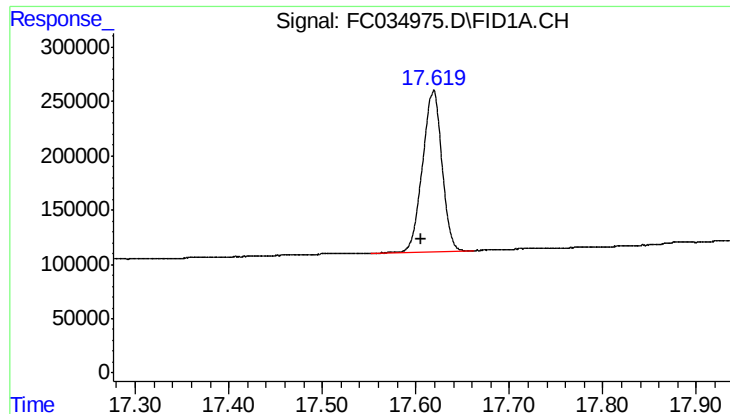
#15 n-Hexacosane (C26)

R.T.: 15.782 min  
Delta R.T.: 0.011 min  
Response: 2146937  
Conc: 22.71 ug/ml



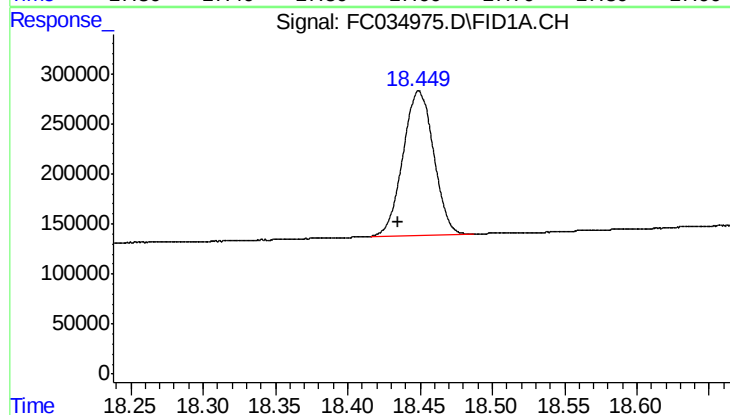
#16 n-Octacosane (C28)

R.T.: 16.732 min  
Delta R.T.: 0.013 min  
Response: 2187631  
Conc: 23.27 ug/ml



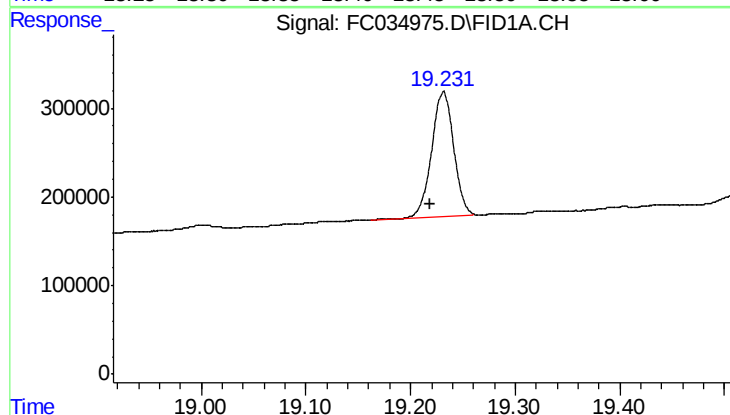
#17 n-Tricontane (C30)

R.T.: 17.618 min  
Delta R.T.: 0.013 min  
Response: 2131493  
Conc: 23.20 ug/ml



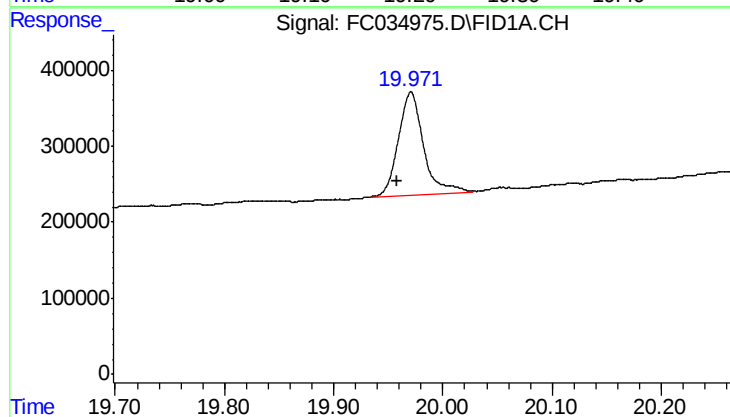
#18 n-Dotriacontane (C32)

R.T.: 18.449 min  
Delta R.T.: 0.014 min  
Response: 2130897  
Conc: 24.00 ug/ml m



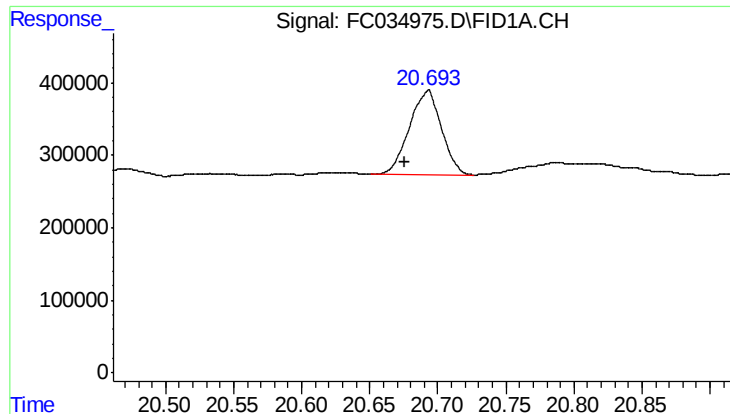
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min  
Delta R.T.: 0.013 min  
Response: 2061312  
Conc: 22.78 ug/ml



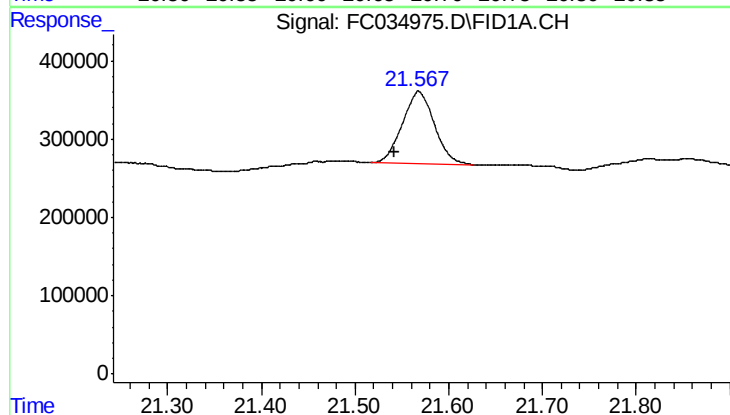
#20 n-Hexatriacontane (C36)

R.T.: 19.971 min  
Delta R.T.: 0.013 min  
Response: 2154849  
Conc: 24.03 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.693 min  
Delta R.T.: 0.017 min  
Response: 1911787  
Conc: 20.73 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.567 min  
Delta R.T.: 0.024 min  
Response: 2209899  
Conc: 23.51 ug/ml m