

Data Path : Z:\bestpcbsrv\HPCHEM1\FID C\Data\FC091818AL\  
 Data File : FC036383.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Sep 2018 3:16  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 19 04:56:38 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 082118.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 21 16:09:01 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)    | 11.404 | 2601348    | 23.330 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 46.66%       |
| 12) S 1-chlorooctadecane (S... | 12.844 | 1805896    | 22.128 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.26%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.206  | 1864652    | 20.759 ug/ml |
| 2) T n-Decane (C10)            | 4.273  | 1902535    | 21.137 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.845  | 2389750    | 23.745 ug/ml |
| 4) T n-Dodecane (C12)          | 6.285  | 1971797    | 21.261 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.896  | 2406569    | 23.901 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.071  | 2030431    | 21.390 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.663  | 2071255    | 21.759 ug/ml |
| 8) T n-Octadecane (C18)        | 11.099 | 2081990    | 21.194 ug/ml |
| 10) T n-Eicosane (C20)         | 12.403 | 2079456    | 21.519 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.013 | 2048197    | 21.760 ug/ml |
| 13) T n-Docosane (C22)         | 13.596 | 2028141    | 21.778 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.695 | 1980905    | 21.662 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.713 | 1923291    | 21.442 ug/ml |
| 16) T n-Octacosane (C28)       | 16.659 | 1871501    | 20.567 ug/ml |
| 17) T n-Tricontane (C30)       | 17.543 | 1813225    | 18.844 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.375 | 1777202    | 18.822 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.154 | 1723798    | 19.466 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.892 | 1639938    | 19.358 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.603 | 1565546    | 18.774 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.448 | 1446731    | 17.229 ug/ml |
| -----                          |        |            |              |

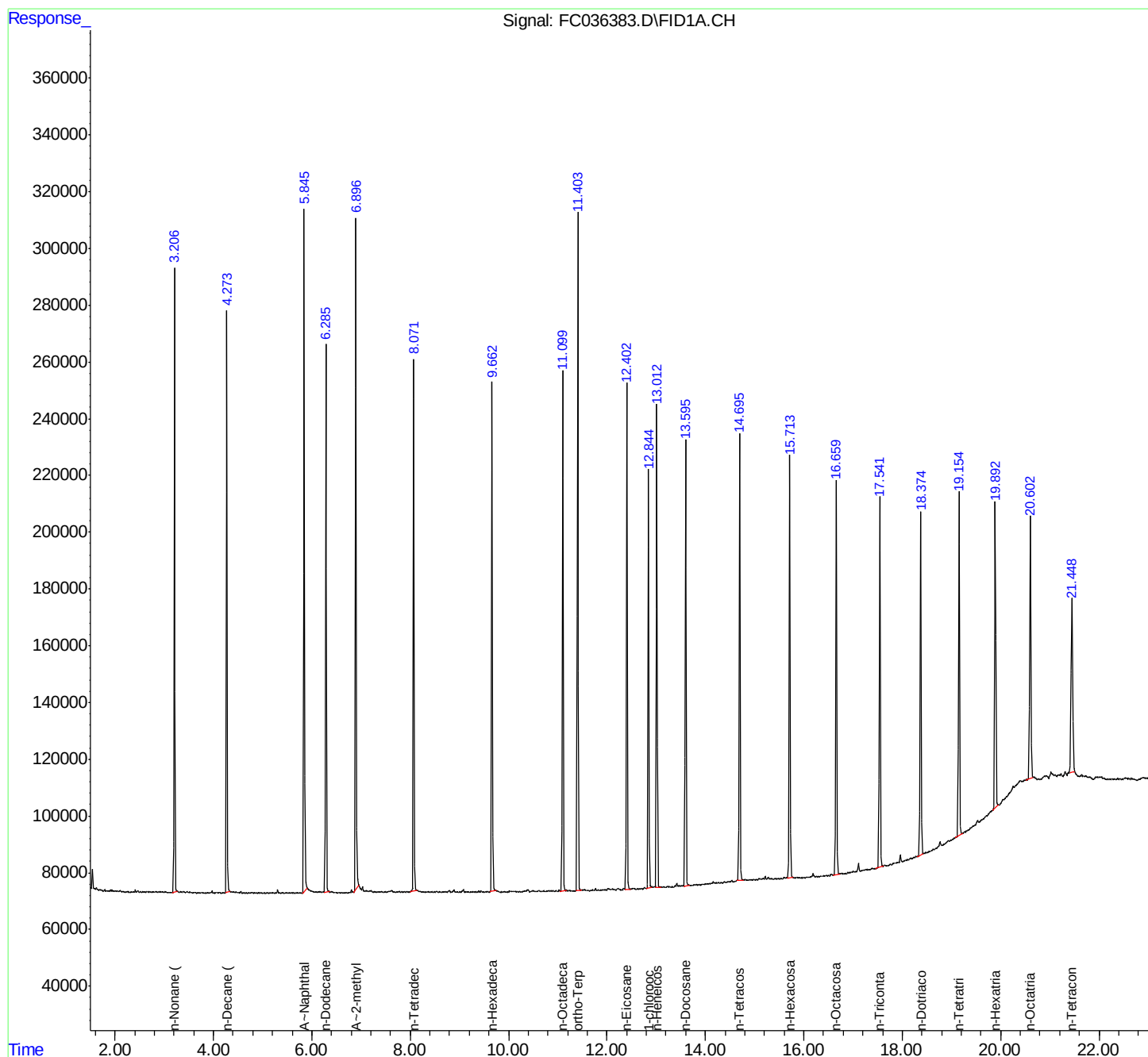
(f)=RT Delta > 1/2 Window

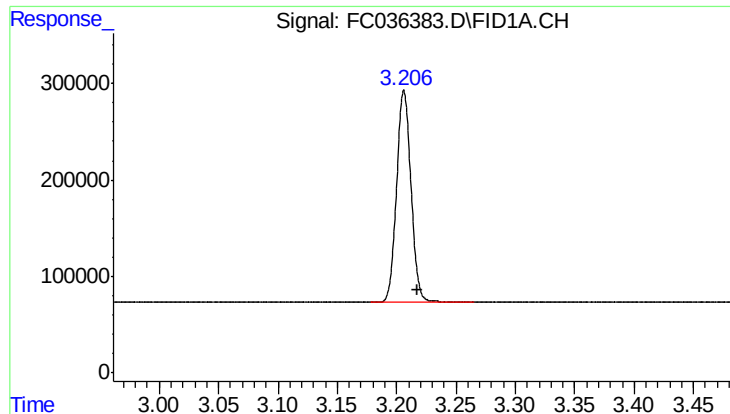
(m)=manual int.

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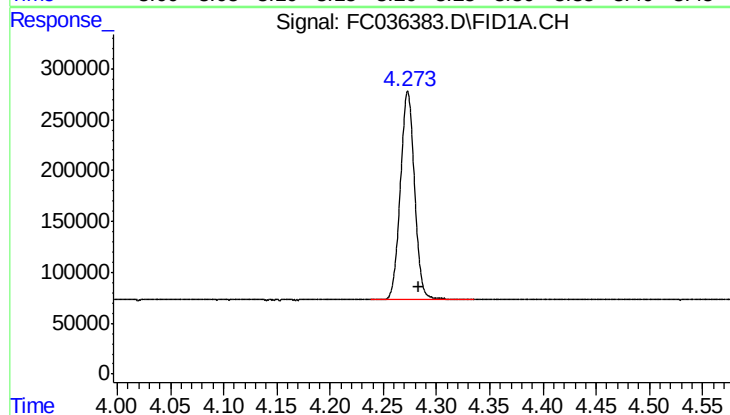
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





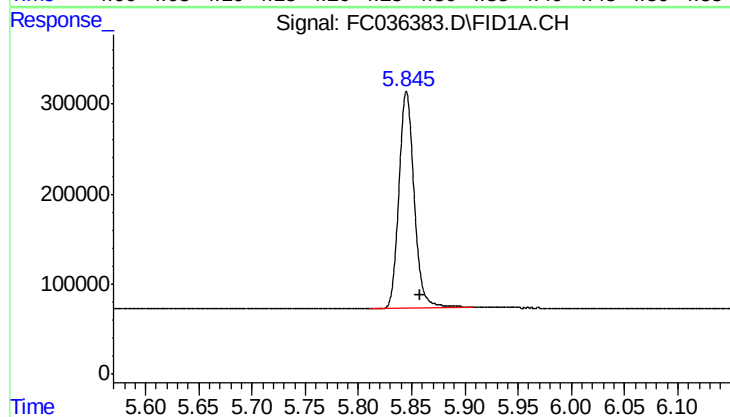
#1 n-Nonane (C9)

R.T.: 3.206 min  
Delta R.T.: -0.011 min  
Response: 1864652  
Conc: 20.76 ug/ml



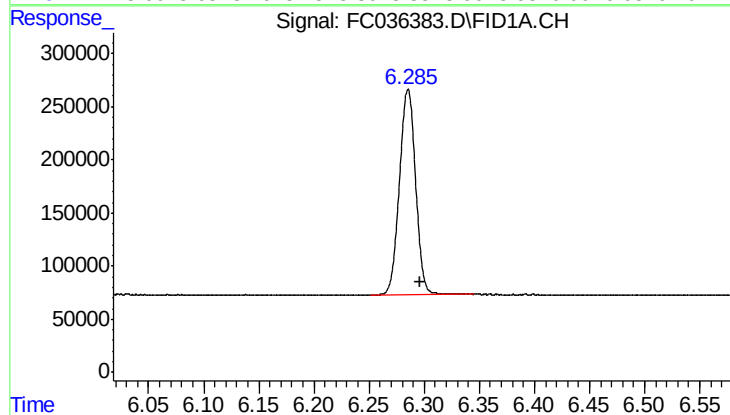
#2 n-Decane (C10)

R.T.: 4.273 min  
Delta R.T.: -0.011 min  
Response: 1902535  
Conc: 21.14 ug/ml



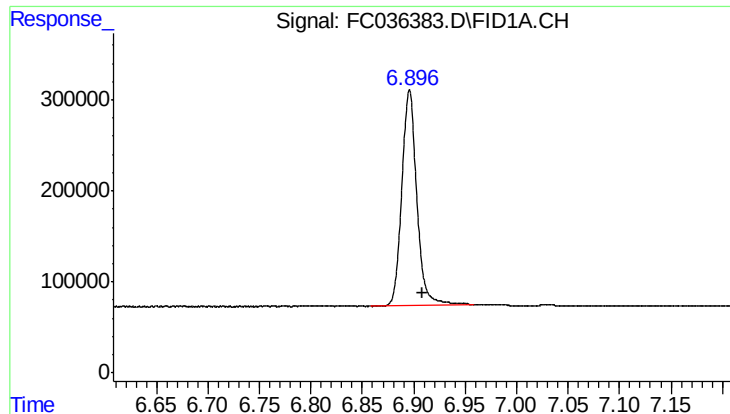
#3 A-Naphthalene (C11.7)

R.T.: 5.845 min  
Delta R.T.: -0.013 min  
Response: 2389750  
Conc: 23.75 ug/ml



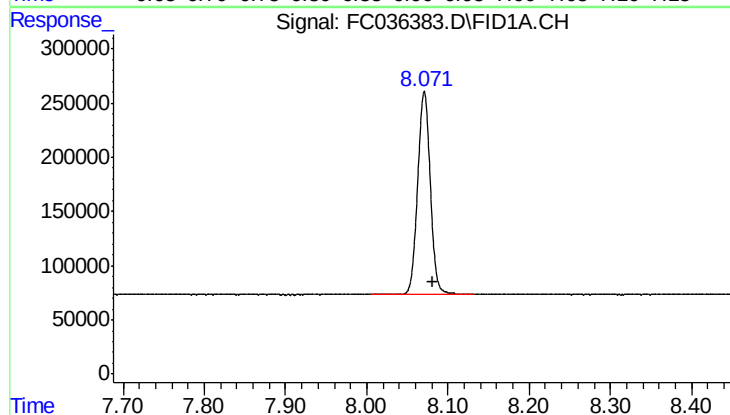
#4 n-Dodecane (C12)

R.T.: 6.285 min  
Delta R.T.: -0.011 min  
Response: 1971797  
Conc: 21.26 ug/ml



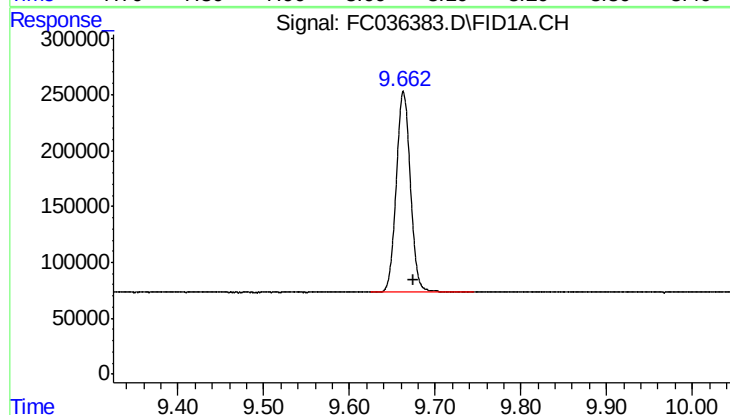
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.896 min  
Delta R.T.: -0.013 min  
Response: 2406569  
Conc: 23.90 ug/ml



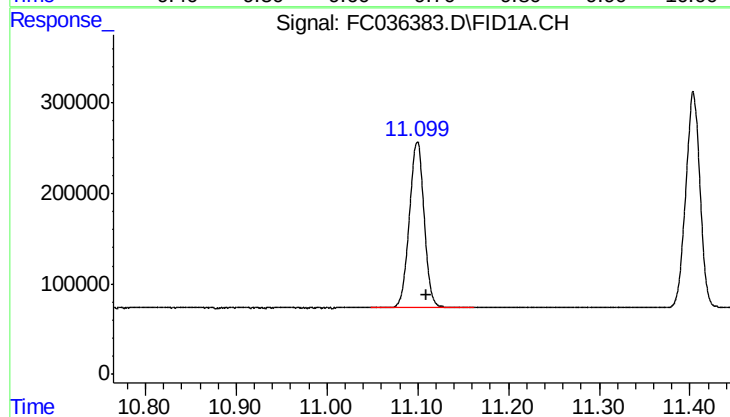
#6 n-Tetradecane (C14)

R.T.: 8.071 min  
Delta R.T.: -0.011 min  
Response: 2030431  
Conc: 21.39 ug/ml



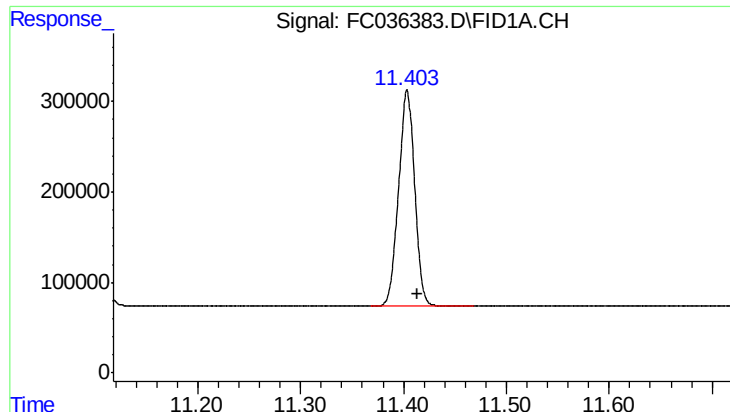
#7 n-Hexadecane (C16)

R.T.: 9.663 min  
Delta R.T.: -0.012 min  
Response: 2071255  
Conc: 21.76 ug/ml



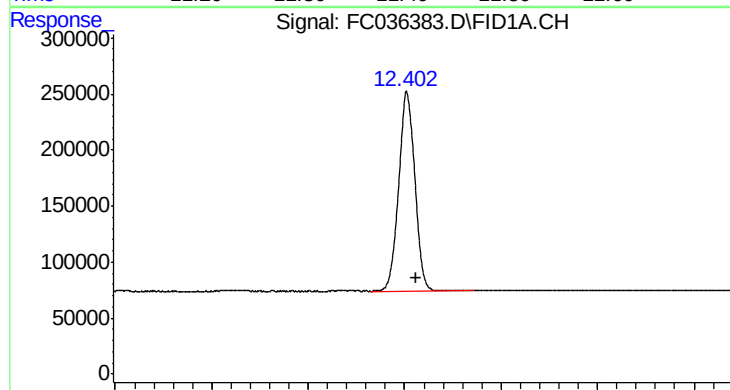
#8 n-Octadecane (C18)

R.T.: 11.099 min  
Delta R.T.: -0.010 min  
Response: 2081990  
Conc: 21.19 ug/ml



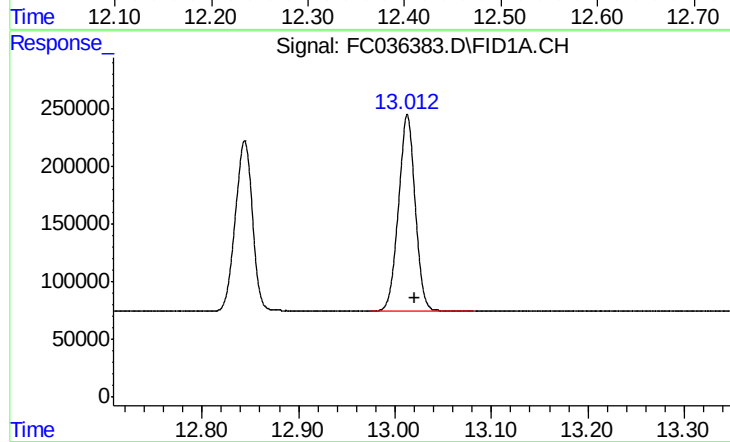
#9 ortho-Terphenyl (SURR)

R.T.: 11.404 min  
Delta R.T.: -0.010 min  
Response: 2601348  
Conc: 23.33 ug/ml



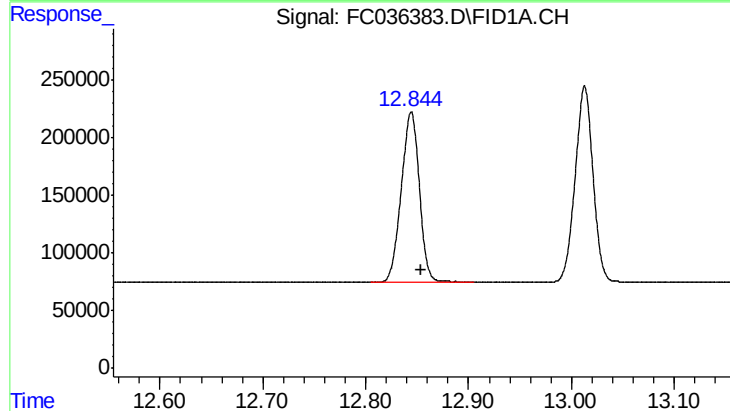
#10 n-Eicosane (C20)

R.T.: 12.403 min  
Delta R.T.: -0.010 min  
Response: 2079456  
Conc: 21.52 ug/ml



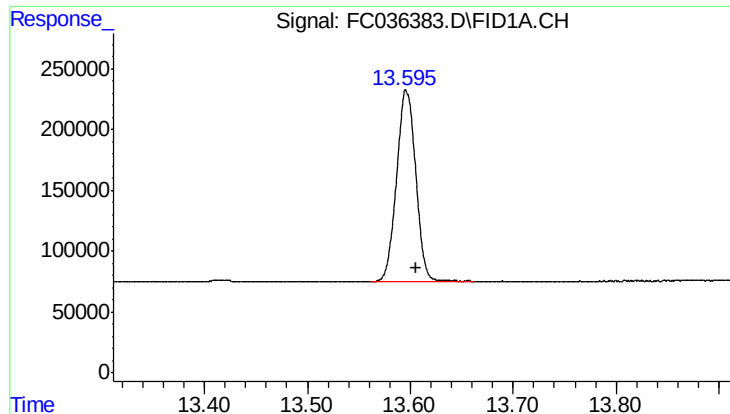
#11 n-Heneicosane (C21)

R.T.: 13.013 min  
Delta R.T.: -0.008 min  
Response: 2048197  
Conc: 21.76 ug/ml



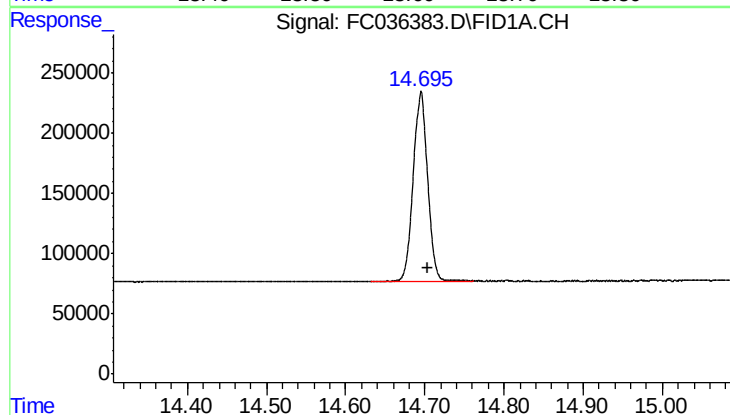
#12 1-chlorooctadecane (SURR)

R.T.: 12.844 min  
Delta R.T.: -0.009 min  
Response: 1805896  
Conc: 22.13 ug/ml



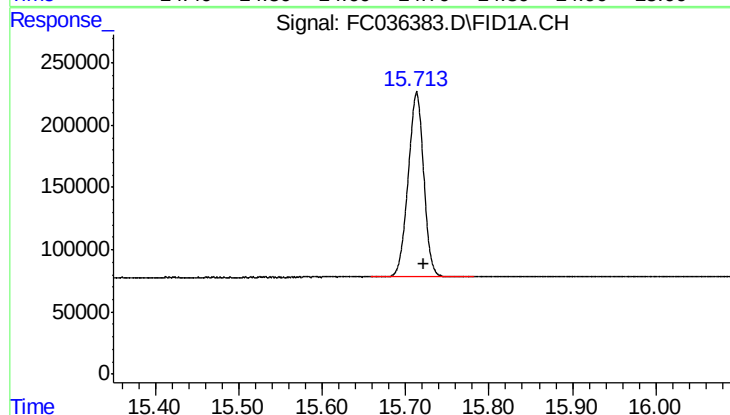
#13 n-Docosane (C22)

R.T.: 13.596 min  
Delta R.T.: -0.010 min  
Response: 2028141  
Conc: 21.78 ug/ml



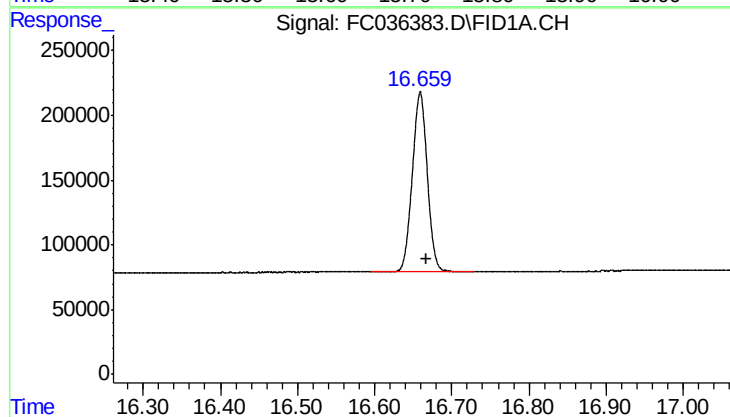
#14 n-Tetracosane (C24)

R.T.: 14.695 min  
Delta R.T.: -0.009 min  
Response: 1980905  
Conc: 21.66 ug/ml



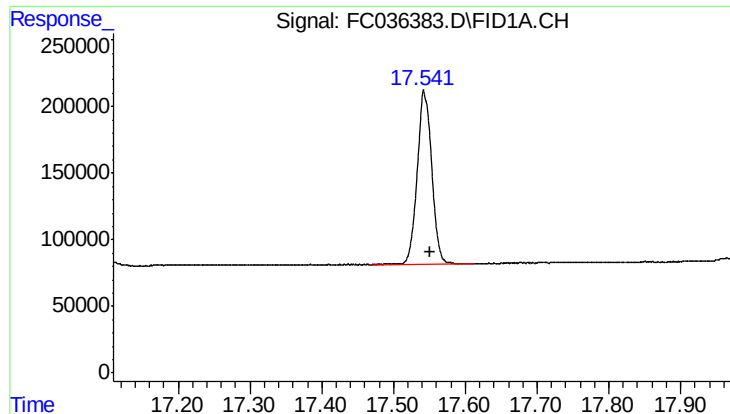
#15 n-Hexacosane (C26)

R.T.: 15.713 min  
Delta R.T.: -0.008 min  
Response: 1923291  
Conc: 21.44 ug/ml



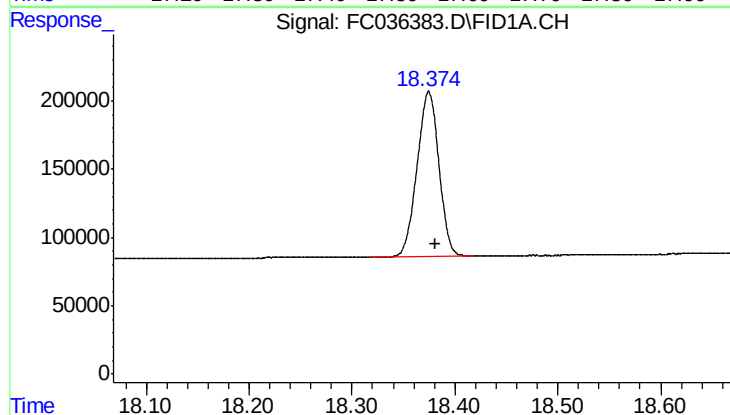
#16 n-Octacosane (C28)

R.T.: 16.659 min  
Delta R.T.: -0.009 min  
Response: 1871501  
Conc: 20.57 ug/ml



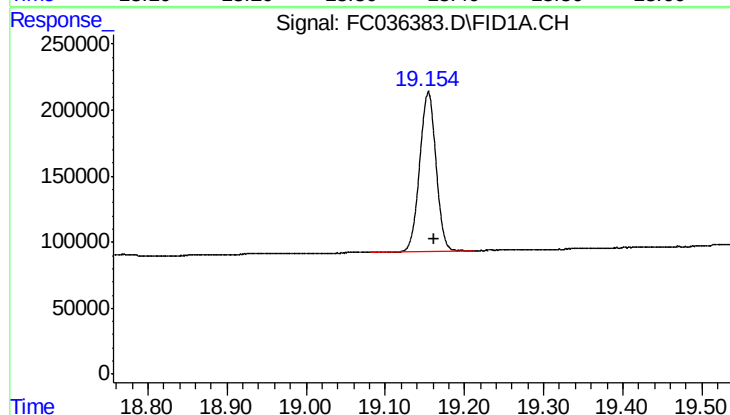
#17 n-Tricontane (C30)

R.T.: 17.543 min  
Delta R.T.: -0.009 min  
Response: 1813225  
Conc: 18.84 ug/ml



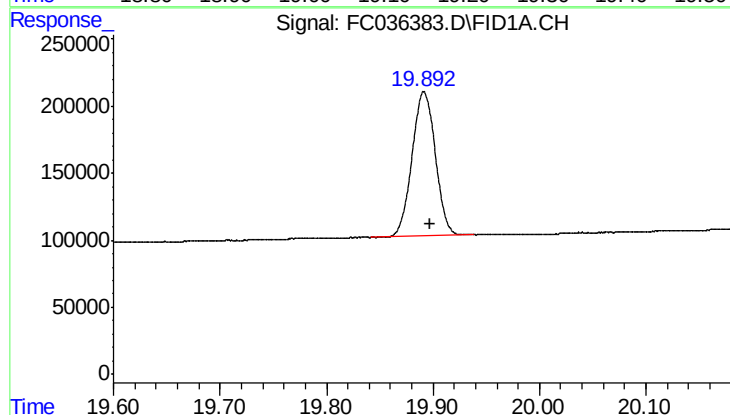
#18 n-Dotriacontane (C32)

R.T.: 18.375 min  
Delta R.T.: -0.007 min  
Response: 1777202  
Conc: 18.82 ug/ml



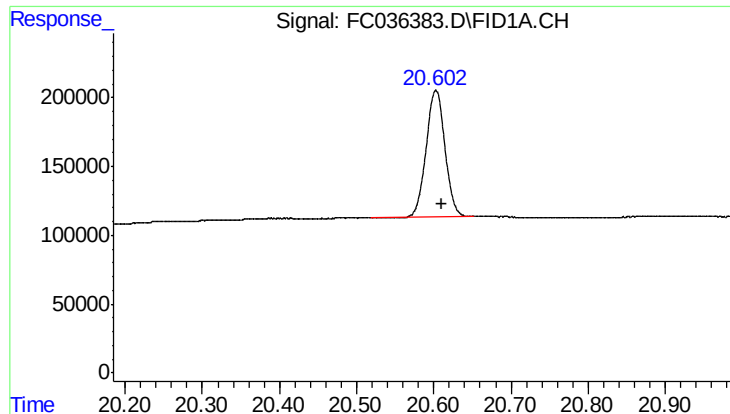
#19 n-Tetratriacontane (C34)

R.T.: 19.154 min  
Delta R.T.: -0.008 min  
Response: 1723798  
Conc: 19.47 ug/ml



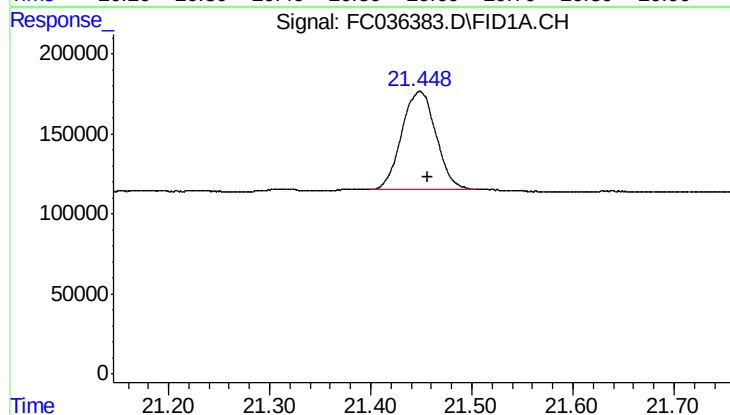
#20 n-Hexatriacontane (C36)

R.T.: 19.892 min  
Delta R.T.: -0.006 min  
Response: 1639938  
Conc: 19.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.603 min  
Delta R.T.: -0.007 min  
Response: 1565546  
Conc: 18.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.448 min  
Delta R.T.: -0.008 min  
Response: 1446731  
Conc: 17.23 ug/ml m