

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101218AL\  
 Data File : FC036835.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Oct 2018 15:41  
 Operator : AJ\SJ  
 Sample : J5164-03  
 Misc : FID\_C AL MDL SOIL 2.5 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Oct 13 01:16:24 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 092118.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 10 12:23:17 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.812 | 2555416    | 27.139 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 54.28%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.181  | 104239     | 1.170 ug/ml  |
| 2) T n-Decane (C10)            | 4.246  | 123100     | 1.369 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.256  | 167268     | 1.795 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.041  | 161072     | 1.647 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.633  | 168416     | 1.639 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.066 | 187306     | 1.725 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.371 | 201272     | 1.819 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.981 | 197735     | 1.799 ug/ml  |
| 13) T n-Docosane (C22)         | 13.565 | 204518     | 1.873 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.664 | 196663     | 1.801 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.680 | 191923     | 1.777 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.626 | 198740     | 1.801 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.511 | 214821     | 1.846 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.342 | 228276     | 1.958 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.121 | 196483     | 1.753 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.860 | 182059     | 1.719 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.565 | 178342     | 1.687 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.401 | 191530     | 1.784 ug/ml  |
| -----                          |        |            |              |

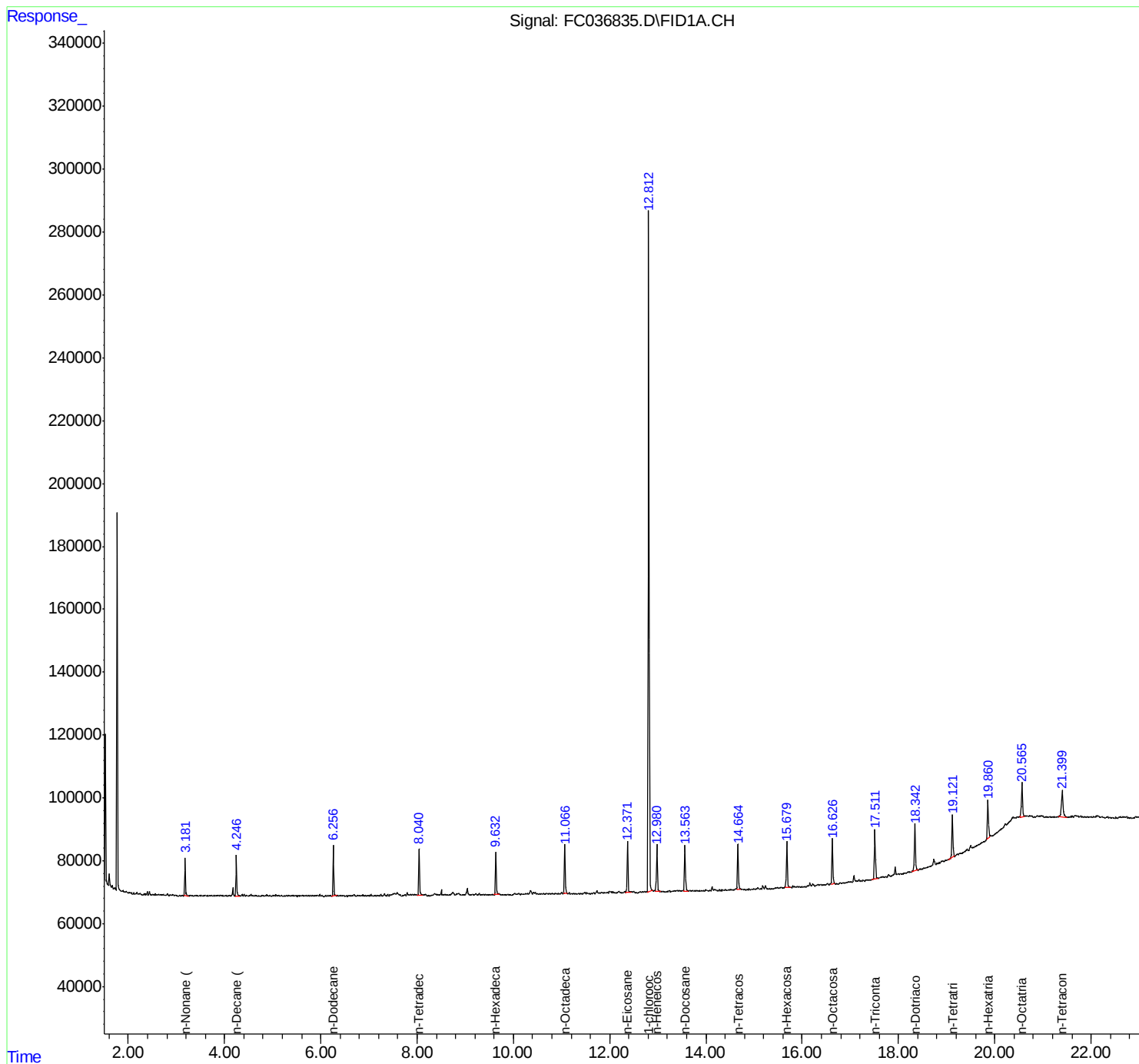
(f)=RT Delta > 1/2 Window

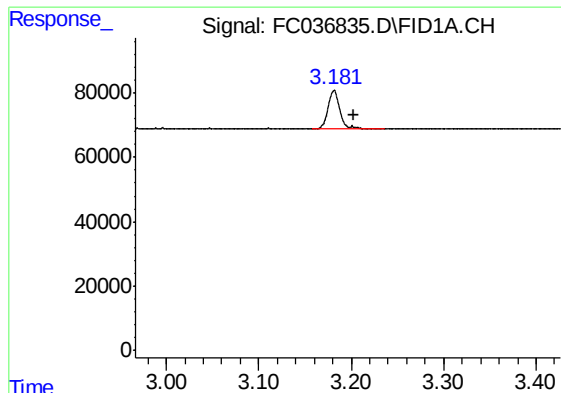
(m)=manual int.

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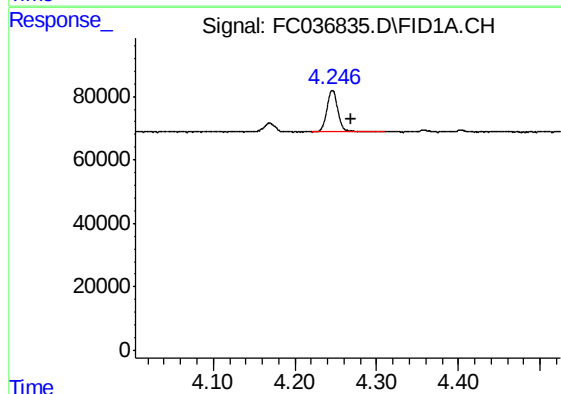
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





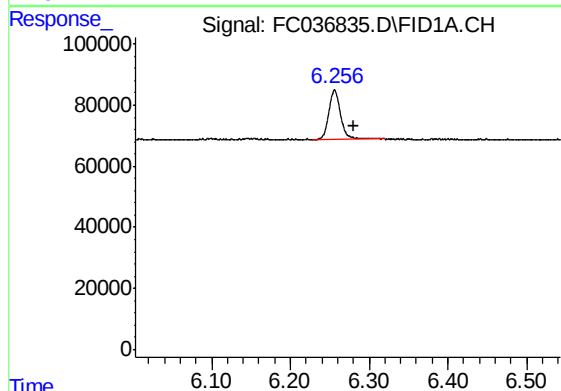
#1 n-Nonane (C9)

R.T.: 3.181 min  
Delta R.T.: -0.022 min  
Response: 104239  
Conc: 1.17 ug/ml



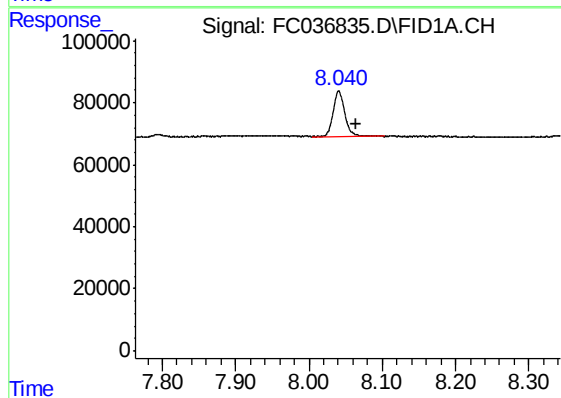
#2 n-Decane (C10)

R.T.: 4.246 min  
Delta R.T.: -0.023 min  
Response: 123100  
Conc: 1.37 ug/ml



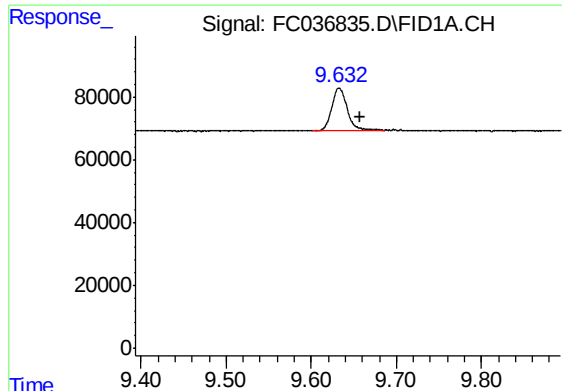
#4 n-Dodecane (C12)

R.T.: 6.256 min  
Delta R.T.: -0.023 min  
Response: 167268  
Conc: 1.79 ug/ml



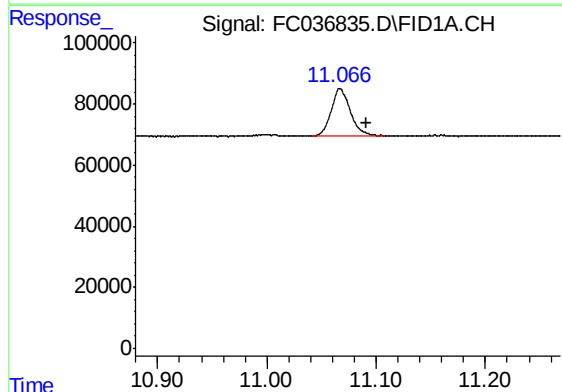
#6 n-Tetradecane (C14)

R.T.: 8.041 min  
Delta R.T.: -0.024 min  
Response: 161072  
Conc: 1.65 ug/ml



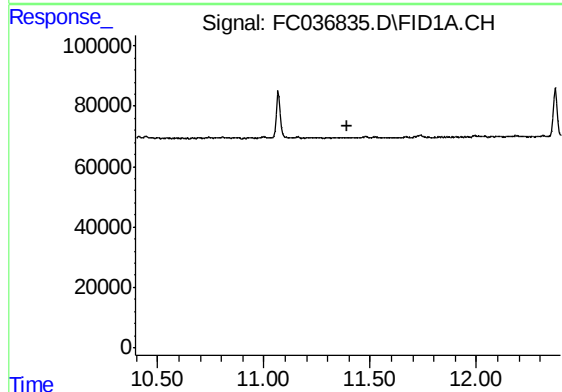
#7 n-Hexadecane (C16)

R.T.: 9.633 min  
Delta R.T.: -0.024 min  
Response: 168416  
Conc: 1.64 ug/ml



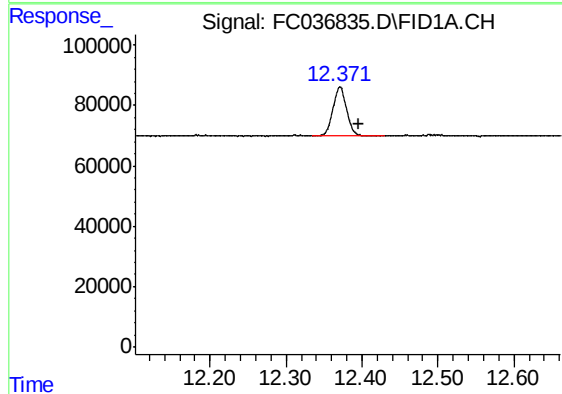
#8 n-Octadecane (C18)

R.T.: 11.066 min  
Delta R.T.: -0.025 min  
Response: 187306  
Conc: 1.72 ug/ml m



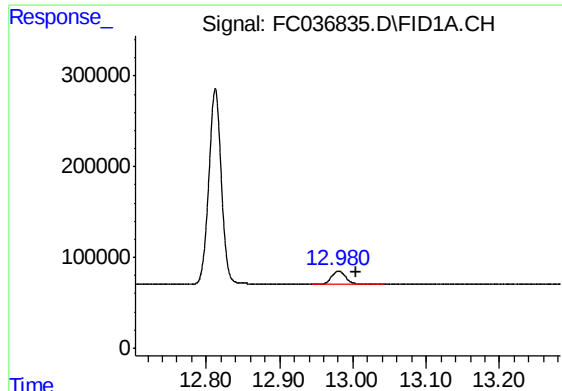
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min  
Exp R.T. : 11.395 min  
Response: 0  
Conc: N.D.



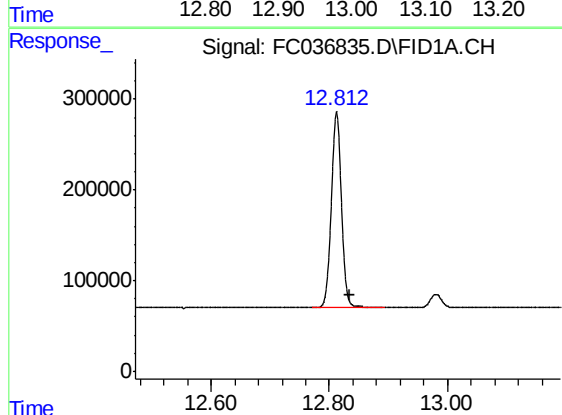
#10 n-Eicosane (C20)

R.T.: 12.371 min  
Delta R.T.: -0.025 min  
Response: 201272  
Conc: 1.82 ug/ml



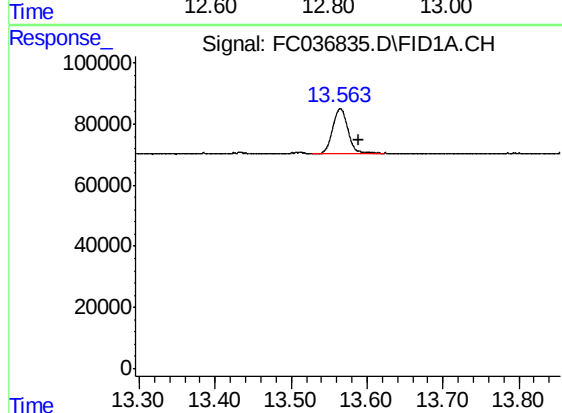
#11 n-Heneicosane (C21)

R.T.: 12.981 min  
Delta R.T.: -0.024 min  
Response: 197735  
Conc: 1.80 ug/ml



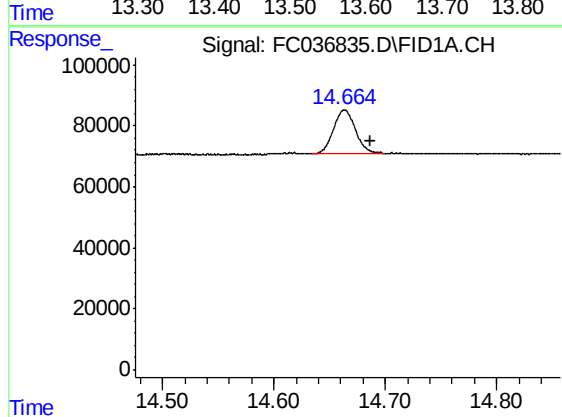
#12 1-chlorooctadecane (SURR)

R.T.: 12.812 min  
Delta R.T.: -0.023 min  
Response: 2555416  
Conc: 27.14 ug/ml



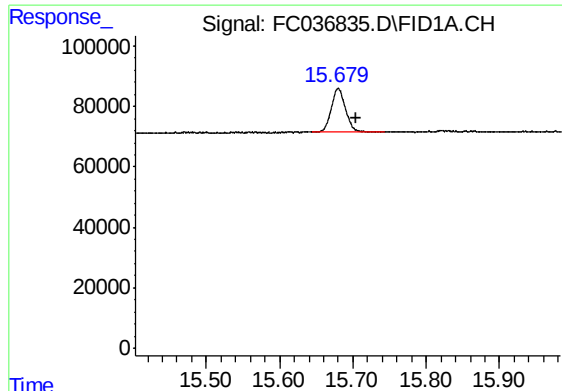
#13 n-Docosane (C22)

R.T.: 13.565 min  
Delta R.T.: -0.024 min  
Response: 204518  
Conc: 1.87 ug/ml



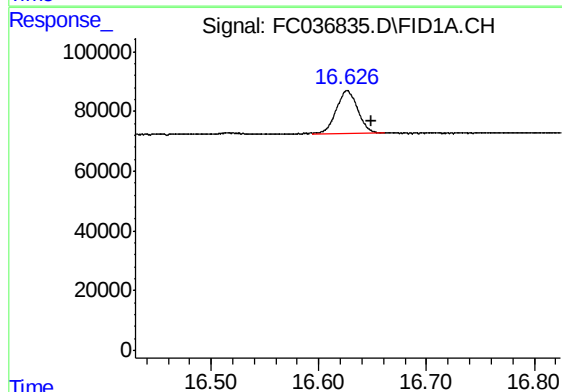
#14 n-Tetracosane (C24)

R.T.: 14.664 min  
Delta R.T.: -0.023 min  
Response: 196663  
Conc: 1.80 ug/ml m



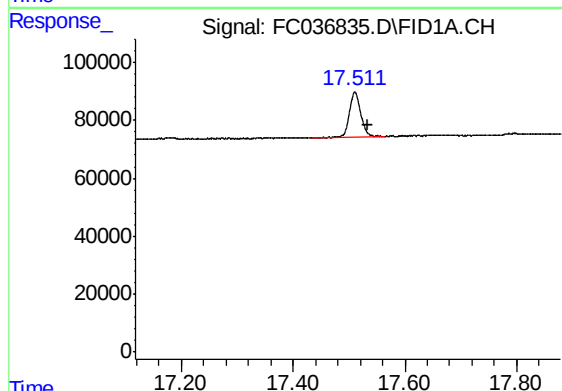
#15 n-Hexacosane (C26)

R.T.: 15.680 min  
Delta R.T.: -0.024 min  
Response: 191923  
Conc: 1.78 ug/ml



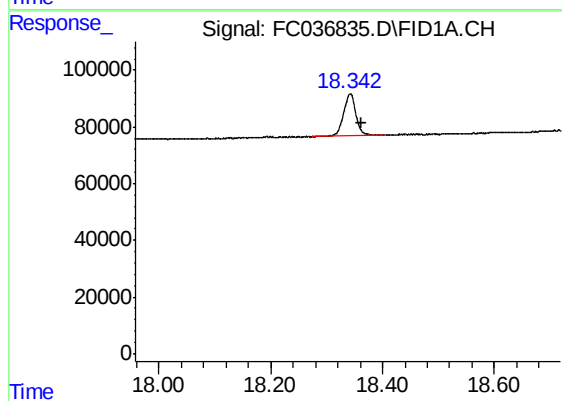
#16 n-Octacosane (C28)

R.T.: 16.626 min  
Delta R.T.: -0.023 min  
Response: 198740  
Conc: 1.80 ug/ml m



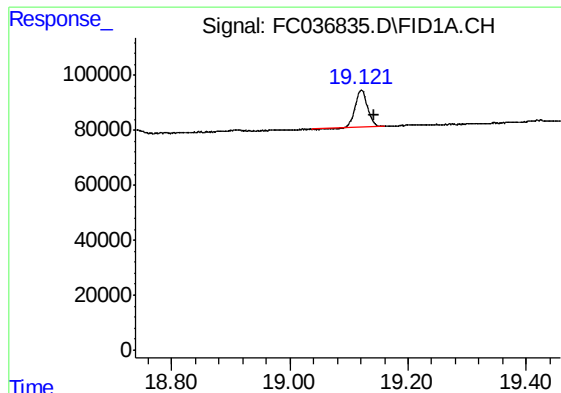
#17 n-Tricontane (C30)

R.T.: 17.511 min  
Delta R.T.: -0.022 min  
Response: 214821  
Conc: 1.85 ug/ml



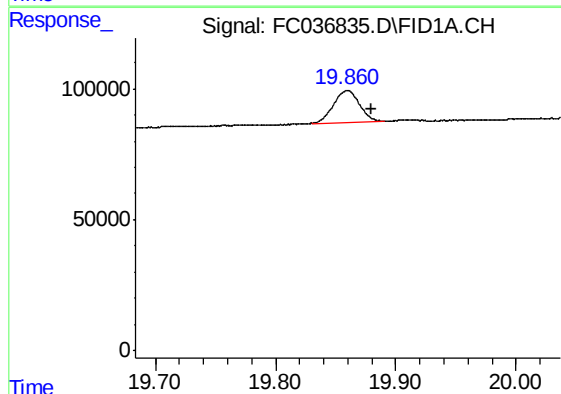
#18 n-Dotriacontane (C32)

R.T.: 18.342 min  
Delta R.T.: -0.020 min  
Response: 228276  
Conc: 1.96 ug/ml



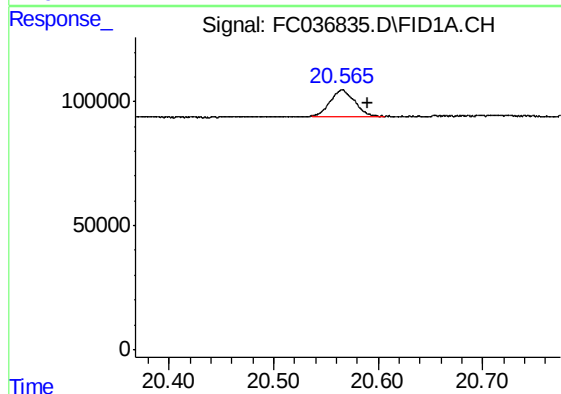
#19 n-Tetratriacontane (C34)

R.T.: 19.121 min  
Delta R.T.: -0.023 min  
Response: 196483  
Conc: 1.75 ug/ml



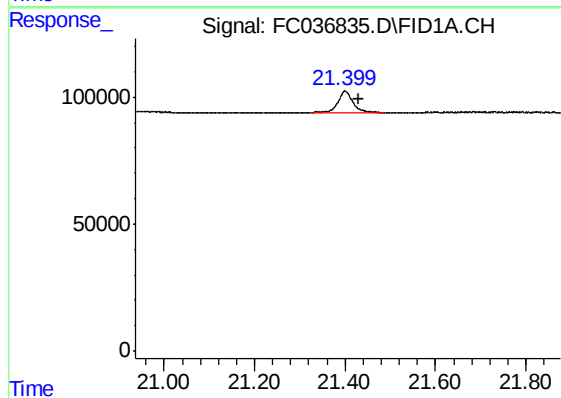
#20 n-Hexatriacontane (C36)

R.T.: 19.860 min  
Delta R.T.: -0.020 min  
Response: 182059  
Conc: 1.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.565 min  
Delta R.T.: -0.025 min  
Response: 178342  
Conc: 1.69 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.401 min  
Delta R.T.: -0.030 min  
Response: 191530  
Conc: 1.78 ug/ml