

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040519AL\  
 Data File : FC040410.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Apr 2019 23:13  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 08 01:48:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032319.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 23 13:38:33 2019  
 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)    | 11.027 | 2878517    | 22.353 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.71%       |
| 12) S 1-chlorooctadecane (S... | 12.455 | 2154395    | 21.810 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.861  | 1873149    | 22.696 ug/ml |
| 2) T n-Decane (C10)            | 3.882  | 1965769    | 23.226 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.456  | 2367835    | 24.268 ug/ml |
| 4) T n-Dodecane (C12)          | 5.876  | 2032167    | 23.527 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.505  | 2420898    | 24.364 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.666  | 2123006    | 23.293 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.263  | 2171226    | 22.590 ug/ml |
| 8) T n-Octadecane (C18)        | 10.703 | 2172398    | 21.656 ug/ml |
| 10) T n-Eicosane (C20)         | 12.010 | 2172740    | 21.350 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.621 | 2151775    | 21.338 ug/ml |
| 13) T n-Docosane (C22)         | 13.207 | 2158124    | 21.470 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.307 | 2193985    | 22.036 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.327 | 2209714    | 22.570 ug/ml |
| 16) T n-Octacosane (C28)       | 16.276 | 2268738    | 23.127 ug/ml |
| 17) T n-Tricontane (C30)       | 17.162 | 2269396    | 23.193 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.995 | 2185767    | 22.585 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.812 | 1882046    | 22.451 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.836 | 1643753    | 22.325 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.223 | 1521301    | 22.016 ug/ml |
| 22) T n-Tetracontane (C40)     | 23.140 | 1465169    | 21.615 ug/ml |
| -----                          |        |            |              |

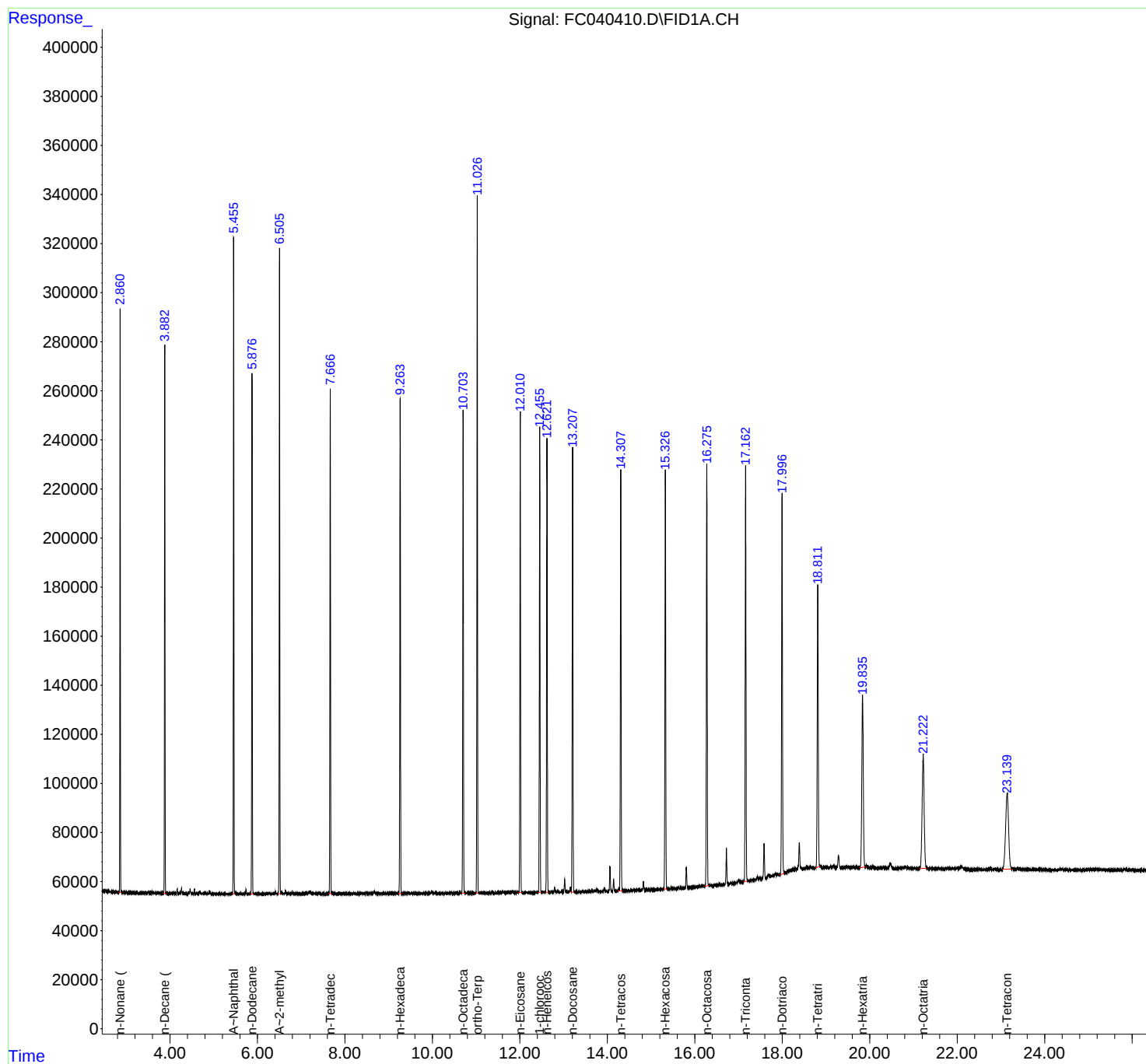
(f)=RT Delta > 1/2 Window

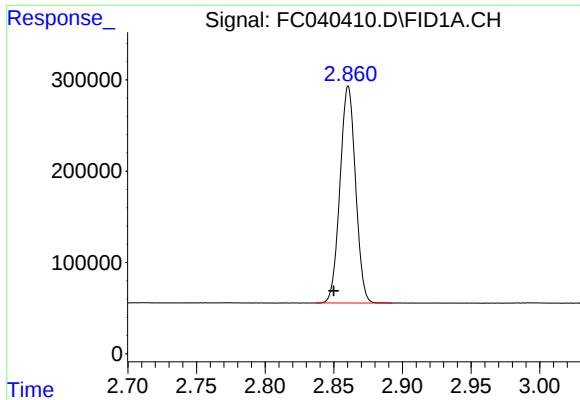
(m)=manual int.

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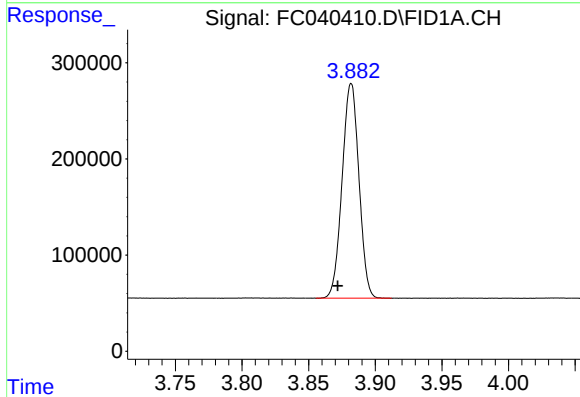
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





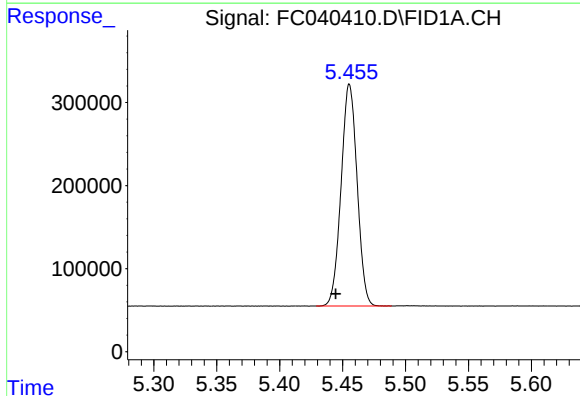
#1 n-Nonane (C9)

R.T.: 2.861 min  
Delta R.T.: 0.011 min  
Response: 1873149  
Conc: 22.70 ug/ml



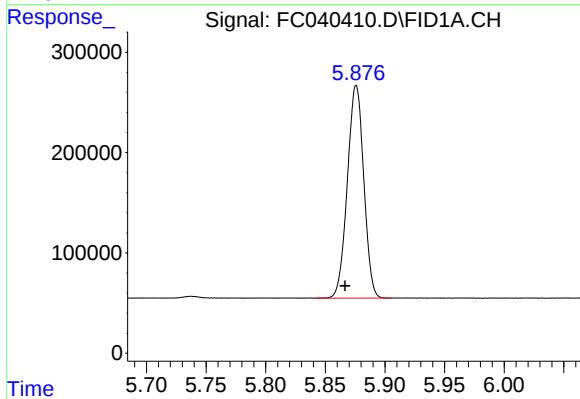
#2 n-Decane (C10)

R.T.: 3.882 min  
Delta R.T.: 0.010 min  
Response: 1965769  
Conc: 23.23 ug/ml



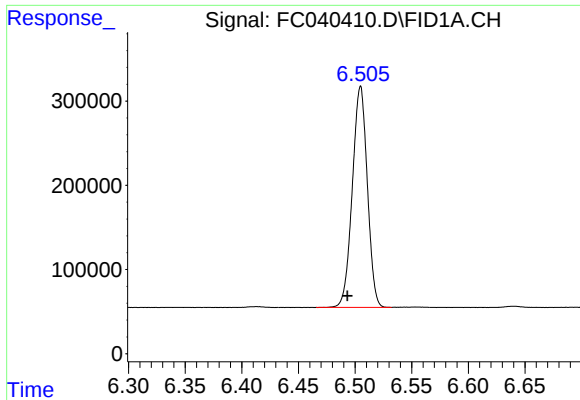
#3 A~Naphthalene (C11.7)

R.T.: 5.456 min  
Delta R.T.: 0.011 min  
Response: 2367835  
Conc: 24.27 ug/ml



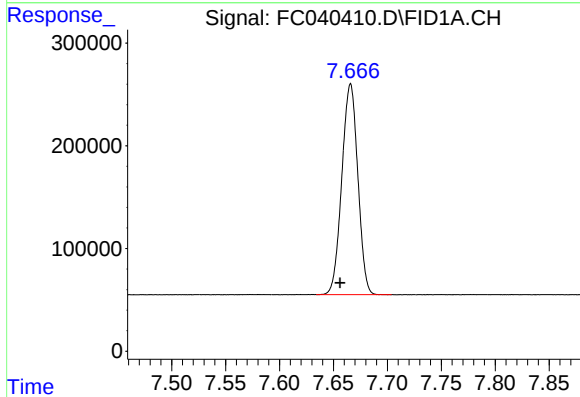
#4 n-Dodecane (C12)

R.T.: 5.876 min  
Delta R.T.: 0.009 min  
Response: 2032167  
Conc: 23.53 ug/ml



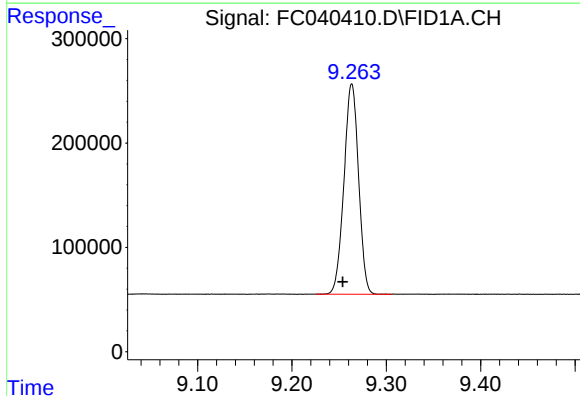
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.505 min  
Delta R.T.: 0.011 min  
Response: 2420898  
Conc: 24.36 ug/ml



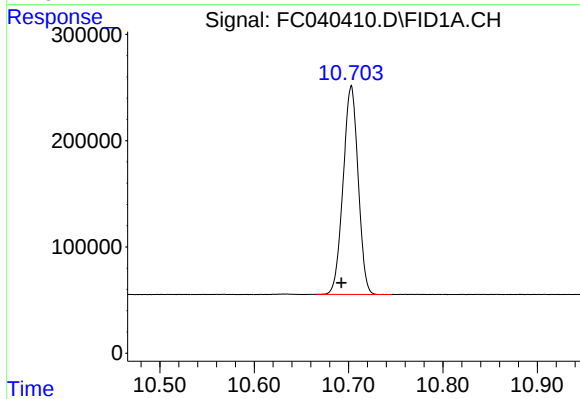
#6 n-Tetradecane (C14)

R.T.: 7.666 min  
Delta R.T.: 0.010 min  
Response: 2123006  
Conc: 23.29 ug/ml



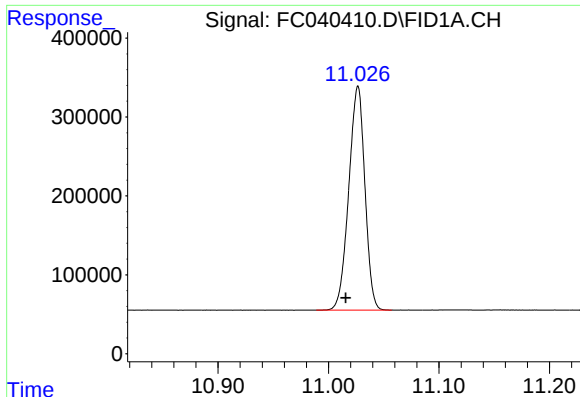
#7 n-Hexadecane (C16)

R.T.: 9.263 min  
Delta R.T.: 0.010 min  
Response: 2171226  
Conc: 22.59 ug/ml



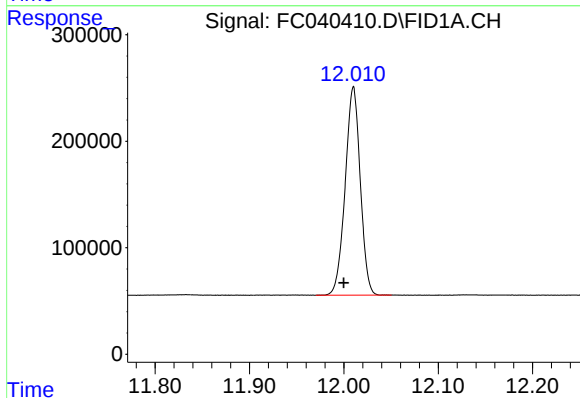
#8 n-Octadecane (C18)

R.T.: 10.703 min  
Delta R.T.: 0.010 min  
Response: 2172398  
Conc: 21.66 ug/ml



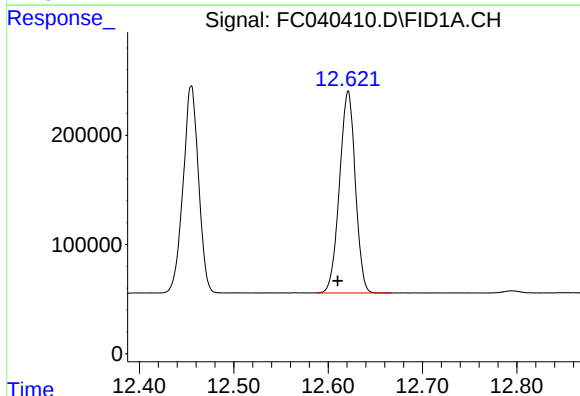
#9 ortho-Terphenyl (SURR)

R.T.: 11.027 min  
Delta R.T.: 0.011 min  
Response: 2878517  
Conc: 22.35 ug/ml



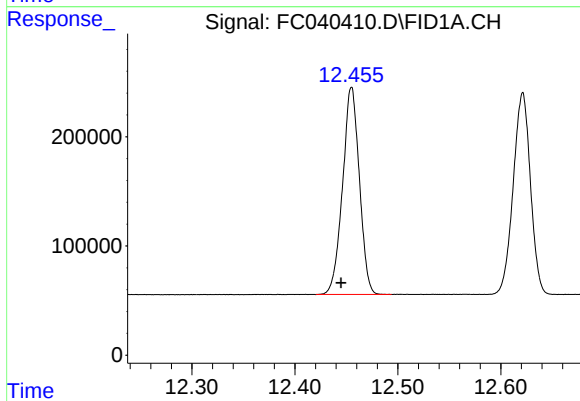
#10 n-Eicosane (C20)

R.T.: 12.010 min  
Delta R.T.: 0.010 min  
Response: 2172740  
Conc: 21.35 ug/ml



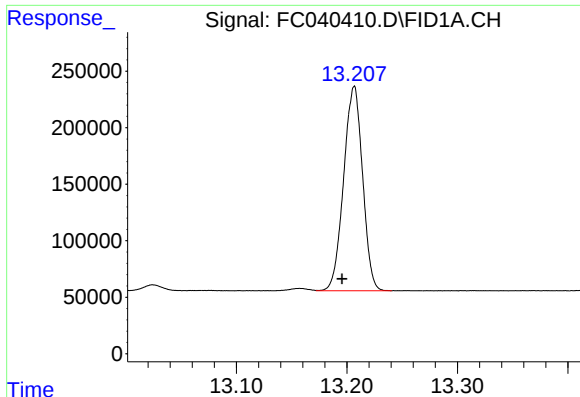
#11 n-Heneicosane (C21)

R.T.: 12.621 min  
Delta R.T.: 0.011 min  
Response: 2151775  
Conc: 21.34 ug/ml



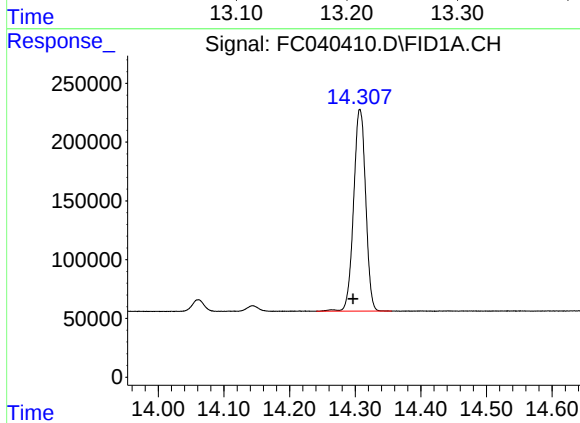
#12 1-chlorooctadecane (SURR)

R.T.: 12.455 min  
Delta R.T.: 0.010 min  
Response: 2154395  
Conc: 21.81 ug/ml



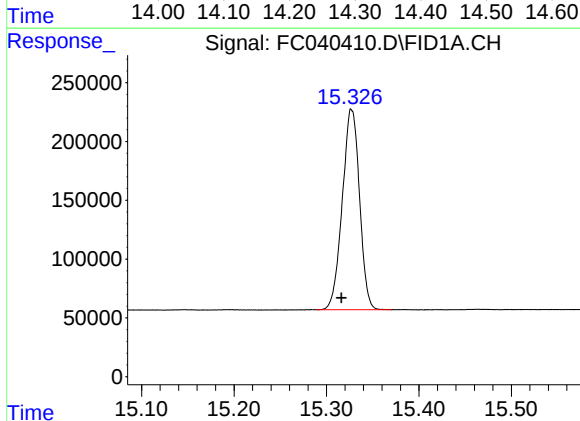
#13 n-Docosane (C22)

R.T.: 13.207 min  
Delta R.T.: 0.011 min  
Response: 2158124  
Conc: 21.47 ug/ml



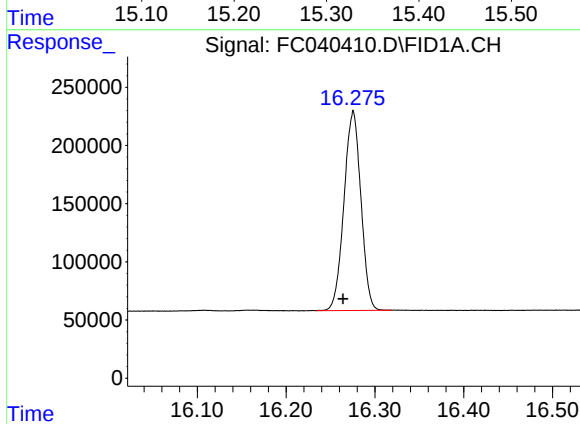
#14 n-Tetracosane (C24)

R.T.: 14.307 min  
Delta R.T.: 0.011 min  
Response: 2193985  
Conc: 22.04 ug/ml



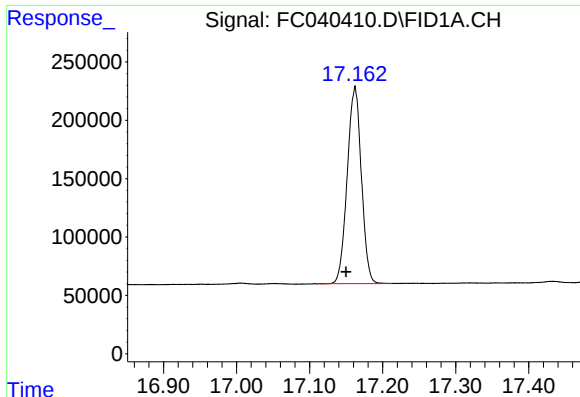
#15 n-Hexacosane (C26)

R.T.: 15.327 min  
Delta R.T.: 0.011 min  
Response: 2209714  
Conc: 22.57 ug/ml



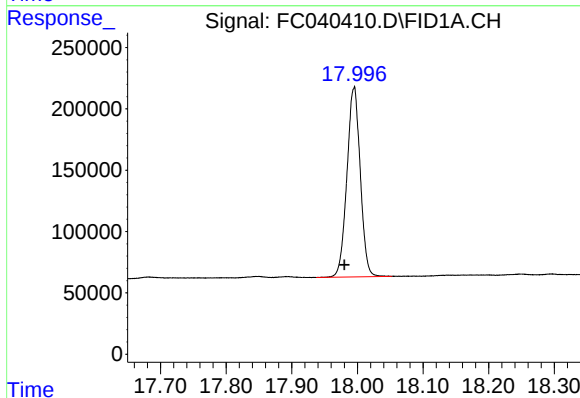
#16 n-Octacosane (C28)

R.T.: 16.276 min  
Delta R.T.: 0.012 min  
Response: 2268738  
Conc: 23.13 ug/ml



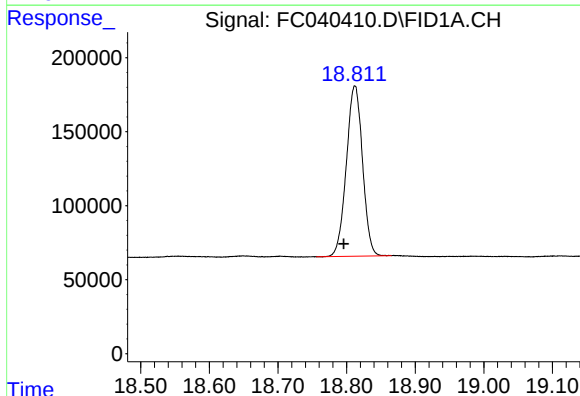
#17 n-Tricontane (C30)

R.T.: 17.162 min  
Delta R.T.: 0.012 min  
Response: 2269396  
Conc: 23.19 ug/ml



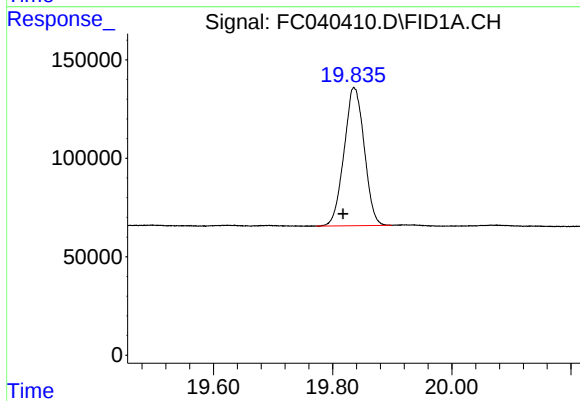
#18 n-Dotriacontane (C32)

R.T.: 17.995 min  
Delta R.T.: 0.015 min  
Response: 2185767  
Conc: 22.59 ug/ml



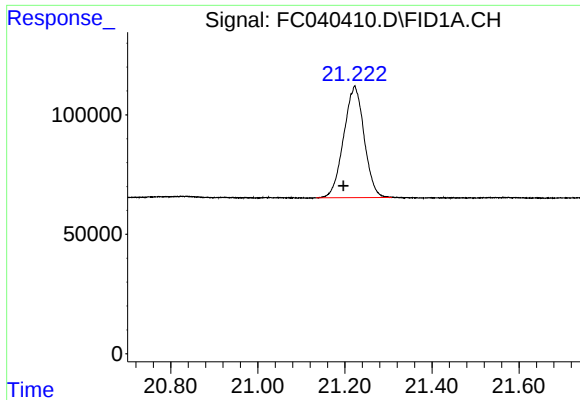
#19 n-Tetratriacontane (C34)

R.T.: 18.812 min  
Delta R.T.: 0.016 min  
Response: 1882046  
Conc: 22.45 ug/ml



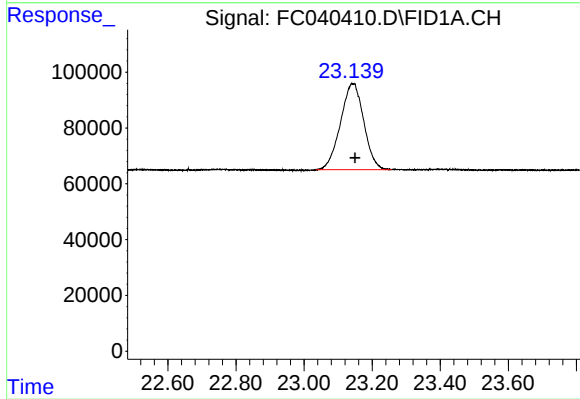
#20 n-Hexatriacontane (C36)

R.T.: 19.836 min  
Delta R.T.: 0.018 min  
Response: 1643753  
Conc: 22.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min  
Delta R.T.: 0.026 min  
Response: 1521301  
Conc: 22.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.140 min  
Delta R.T.: -0.010 min  
Response: 1465169  
Conc: 21.61 ug/ml