

Data Path : Z:\bestpcbsrv\HPCHEM1\FID C\Data\FC091018AL\  
 Data File : FC036239.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Sep 2018 3:48  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 11 05:45:14 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)    | 11.410 | 2492223    | 22.351 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.70%       |
| 12) S 1-chlorooctadecane (S... | 12.850 | 1736664    | 21.280 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.56%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.211  | 1762217    | 19.619 ug/ml |
| 2) T n-Decane (C10)            | 4.279  | 1817963    | 20.198 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.852  | 2290591    | 22.760 ug/ml |
| 4) T n-Dodecane (C12)          | 6.292  | 1906955    | 20.562 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.903  | 2355931    | 23.398 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.078  | 1984950    | 20.911 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.670  | 2008507    | 21.100 ug/ml |
| 8) T n-Octadecane (C18)        | 11.106 | 2028251    | 20.647 ug/ml |
| 10) T n-Eicosane (C20)         | 12.409 | 2011419    | 20.815 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.019 | 1977234    | 21.006 ug/ml |
| 13) T n-Docosane (C22)         | 13.603 | 1958221    | 21.027 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.702 | 1916070    | 20.953 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.720 | 1861215    | 20.750 ug/ml |
| 16) T n-Octacosane (C28)       | 16.666 | 1828664    | 20.096 ug/ml |
| 17) T n-Tricontane (C30)       | 17.550 | 1765914    | 18.352 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.380 | 1745915    | 18.490 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.162 | 1662165    | 18.770 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.899 | 1616009    | 19.075 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.608 | 1516056    | 18.181 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.457 | 1292575    | 15.393 ug/ml |
| -----                          |        |            |              |

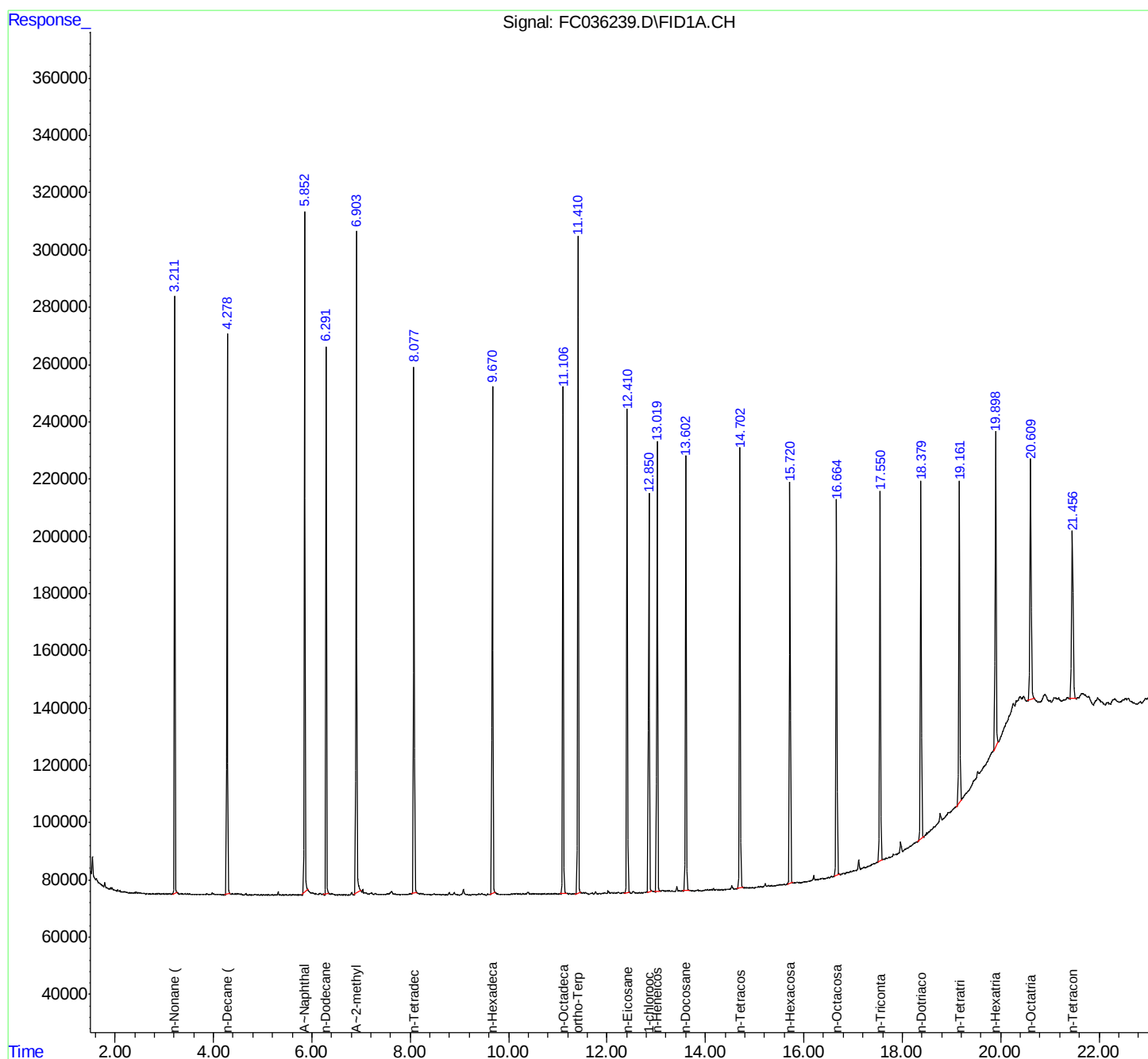
(f)=RT Delta > 1/2 Window

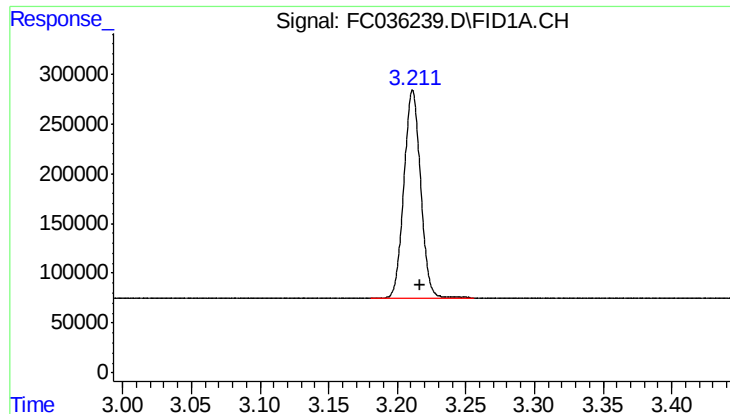
(m)=manual int.

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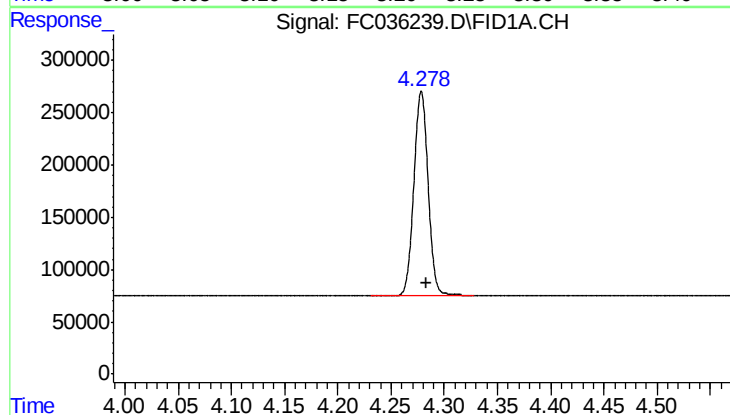
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





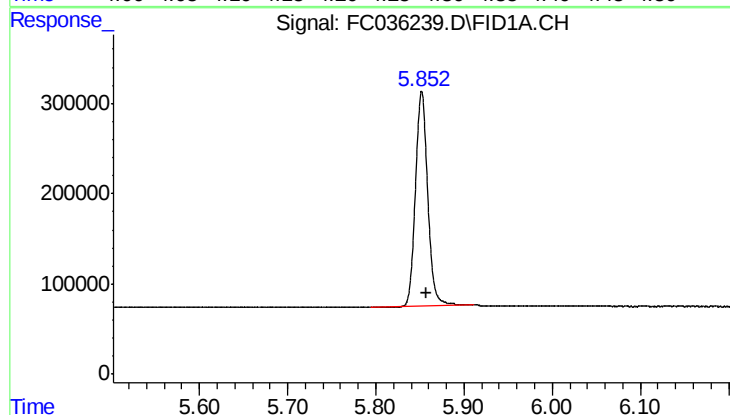
#1 n-Nonane (C9)

R.T.: 3.211 min  
Delta R.T.: -0.006 min  
Response: 1762217  
Conc: 19.62 ug/ml



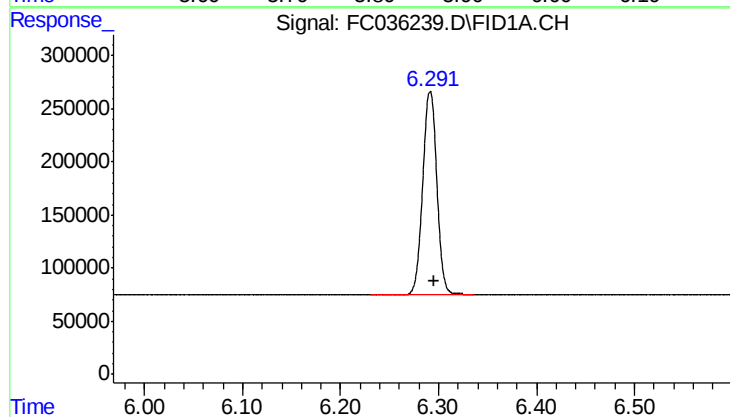
#2 n-Decane (C10)

R.T.: 4.279 min  
Delta R.T.: -0.005 min  
Response: 1817963  
Conc: 20.20 ug/ml



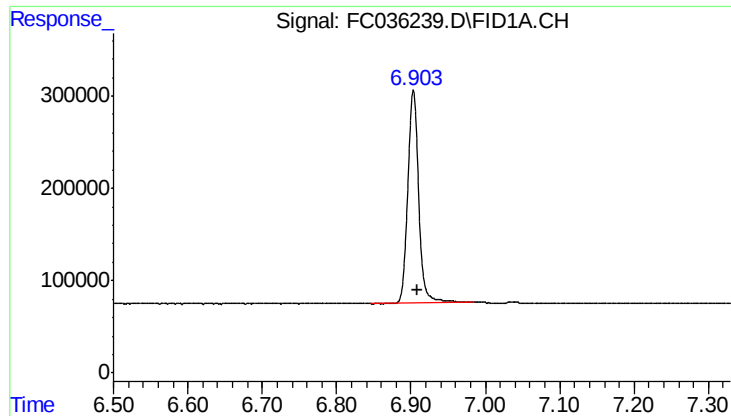
#3 A-Naphthalene (C11.7)

R.T.: 5.852 min  
Delta R.T.: -0.006 min  
Response: 2290591  
Conc: 22.76 ug/ml



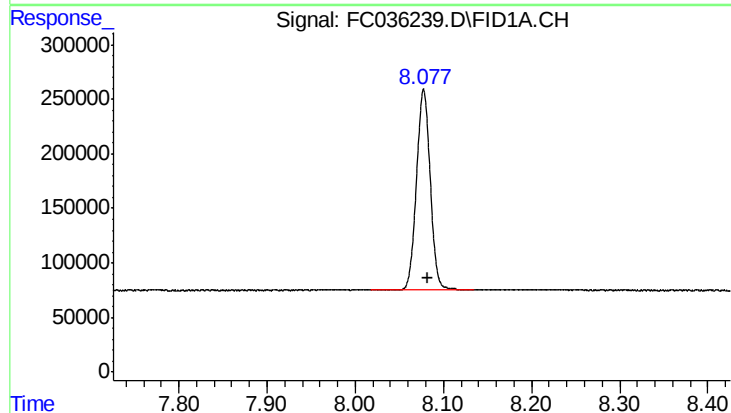
#4 n-Dodecane (C12)

R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 1906955  
Conc: 20.56 ug/ml



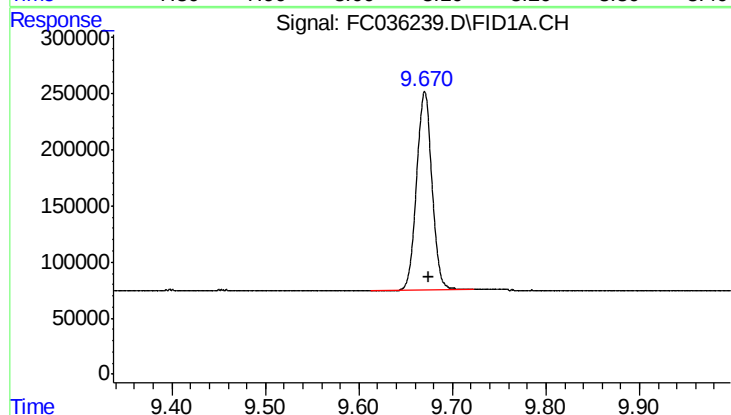
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.903 min  
Delta R.T.: -0.005 min  
Response: 2355931  
Conc: 23.40 ug/ml



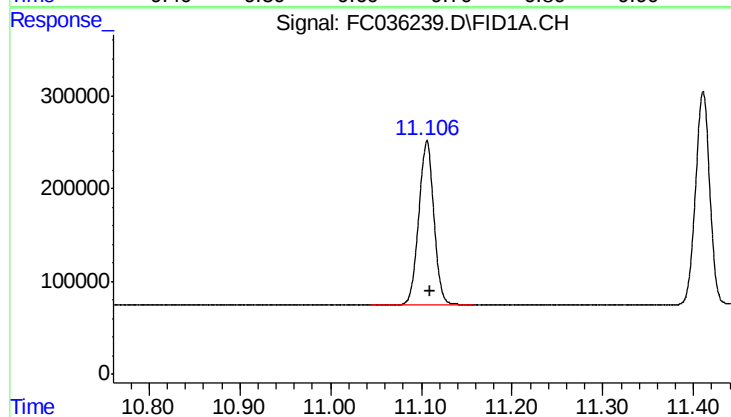
#6 n-Tetradecane (C14)

R.T.: 8.078 min  
Delta R.T.: -0.004 min  
Response: 1984950  
Conc: 20.91 ug/ml



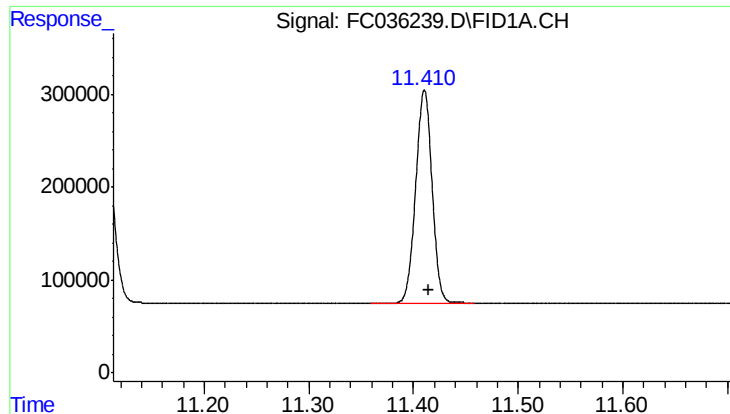
#7 n-Hexadecane (C16)

R.T.: 9.670 min  
Delta R.T.: -0.005 min  
Response: 2008507  
Conc: 21.10 ug/ml



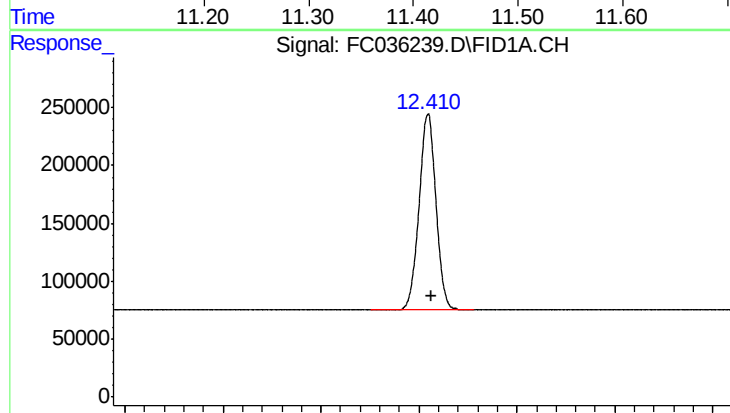
#8 n-Octadecane (C18)

R.T.: 11.106 min  
Delta R.T.: -0.003 min  
Response: 2028251  
Conc: 20.65 ug/ml



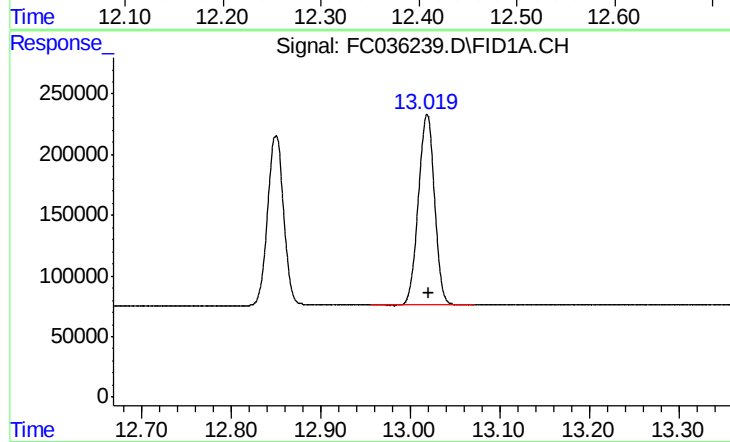
#9 ortho-Terphenyl (SURR)

R.T.: 11.410 min  
Delta R.T.: -0.004 min  
Response: 2492223  
Conc: 22.35 ug/ml



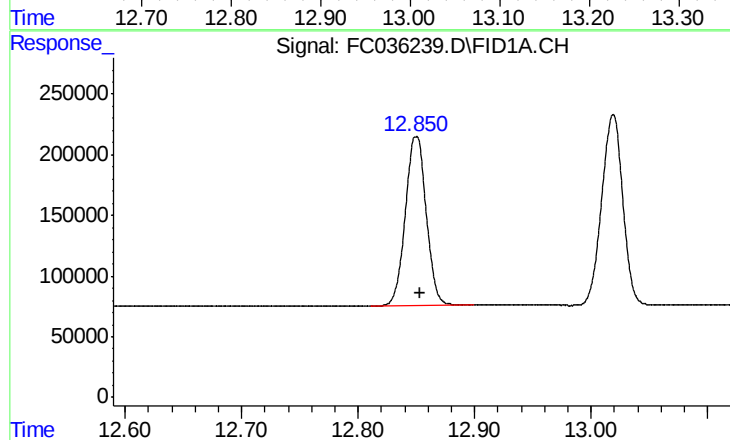
#10 n-Eicosane (C20)

R.T.: 12.409 min  
Delta R.T.: -0.003 min  
Response: 2011419  
Conc: 20.81 ug/ml



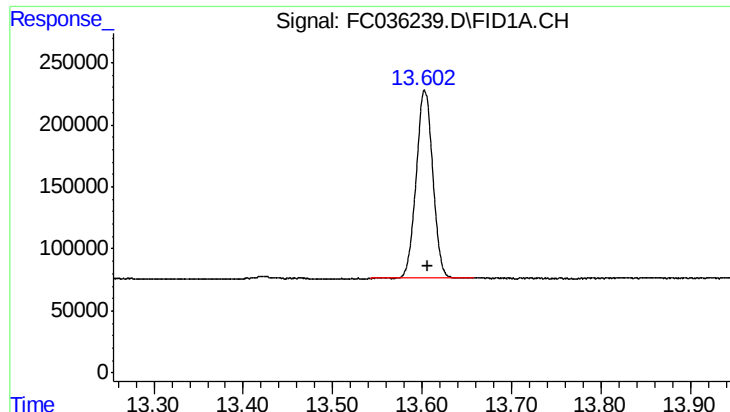
#11 n-Heneicosane (C21)

R.T.: 13.019 min  
Delta R.T.: -0.002 min  
Response: 1977234  
Conc: 21.01 ug/ml



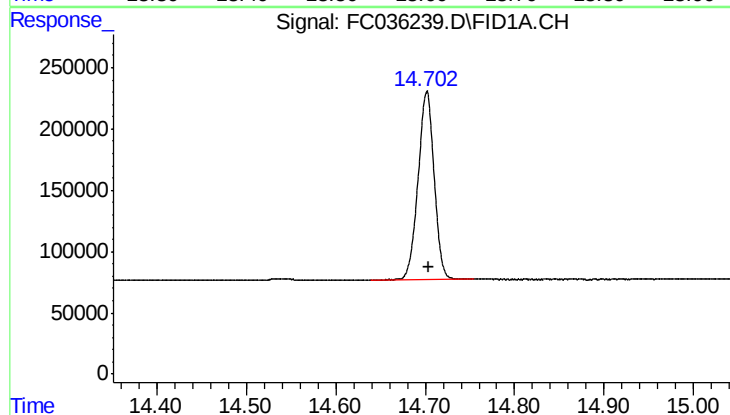
#12 1-chlorooctadecane (SURR)

R.T.: 12.850 min  
Delta R.T.: -0.004 min  
Response: 1736664  
Conc: 21.28 ug/ml



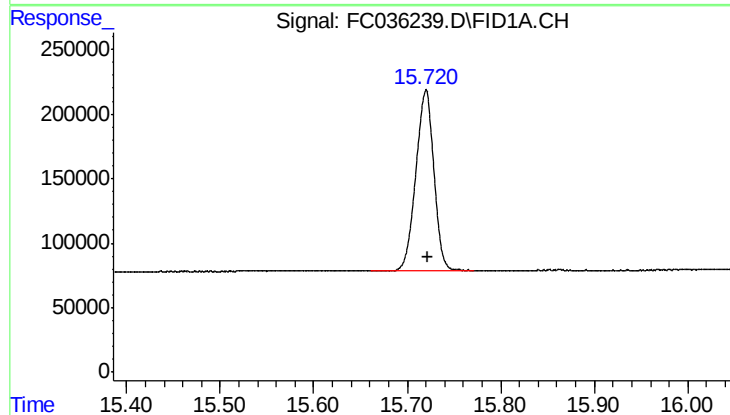
#13 n-Docosane (C22)

R.T.: 13.603 min  
Delta R.T.: -0.003 min  
Response: 1958221  
Conc: 21.03 ug/ml



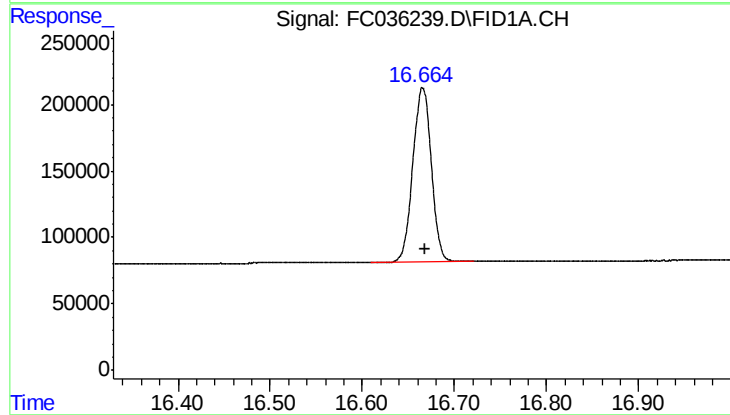
#14 n-Tetracosane (C24)

R.T.: 14.702 min  
Delta R.T.: -0.002 min  
Response: 1916070  
Conc: 20.95 ug/ml



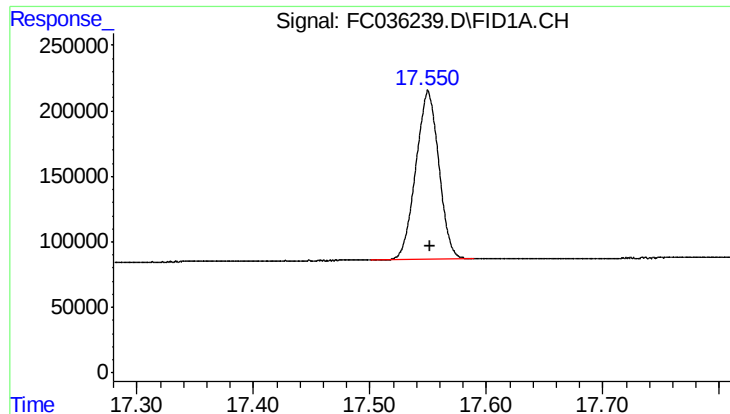
#15 n-Hexacosane (C26)

R.T.: 15.720 min  
Delta R.T.: -0.002 min  
Response: 1861215  
Conc: 20.75 ug/ml



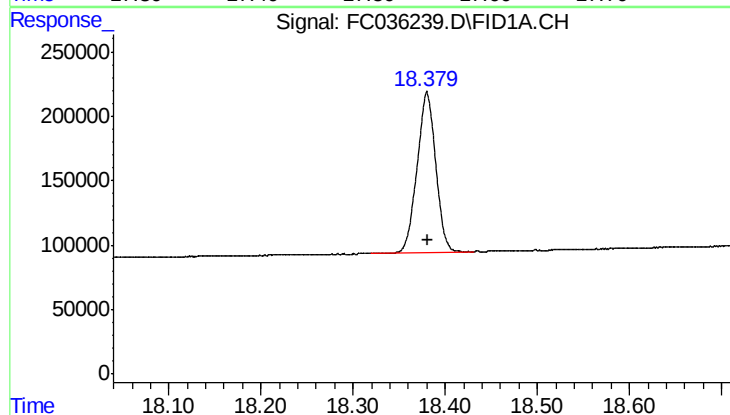
#16 n-Octacosane (C28)

R.T.: 16.666 min  
Delta R.T.: -0.002 min  
Response: 1828664  
Conc: 20.10 ug/ml



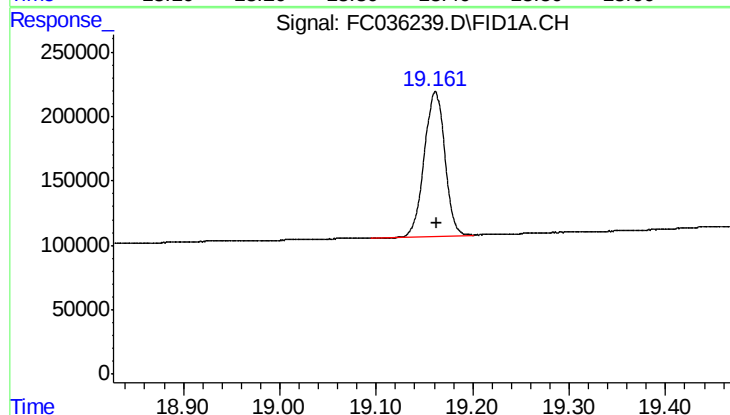
#17 n-Tricontane (C30)

R.T.: 17.550 min  
Delta R.T.: -0.002 min  
Response: 1765914  
Conc: 18.35 ug/ml



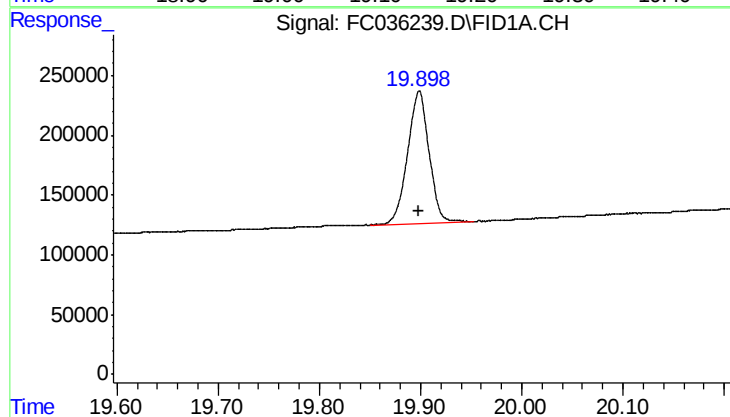
#18 n-Dotriacontane (C32)

R.T.: 18.380 min  
Delta R.T.: -0.001 min  
Response: 1745915  
Conc: 18.49 ug/ml



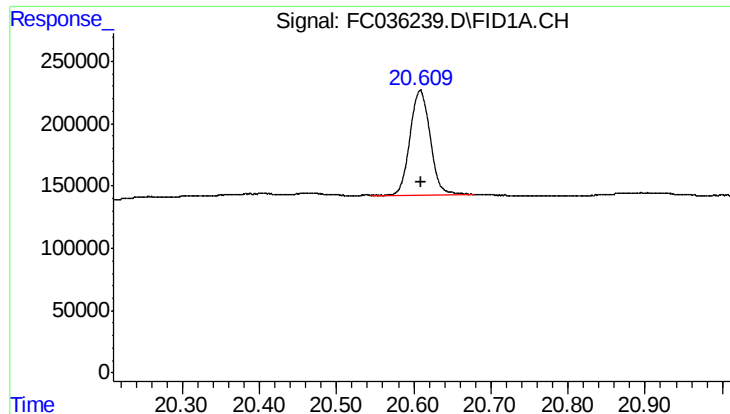
#19 n-Tetratriacontane (C34)

R.T.: 19.162 min  
Delta R.T.: 0.000 min  
Response: 1662165  
Conc: 18.77 ug/ml



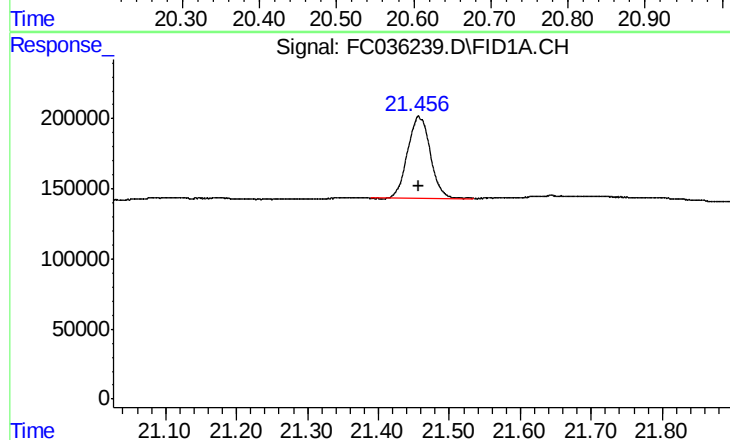
#20 n-Hexatriacontane (C36)

R.T.: 19.899 min  
Delta R.T.: 0.001 min  
Response: 1616009  
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.608 min  
Delta R.T.: -0.002 min  
Response: 1516056  
Conc: 18.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.457 min  
Delta R.T.: 0.000 min  
Response: 1292575  
Conc: 15.39 ug/ml