

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102519AL\  
 Data File : FC044214.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Oct 2019 21:46  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 25 22:53:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 12:36:58 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)    | 11.715 | 2829304    | 19.411 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.82%       |
| 12) S 1-chlorooctadecane (S... | 13.149 | 2143223    | 19.168 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.34%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.435  | 2272871    | 20.633 ug/ml |
| 2) T n-Decane (C10)            | 4.512  | 2312956    | 20.824 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.112  | 2578341    | 20.723 ug/ml |
| 4) T n-Dodecane (C12)          | 6.541  | 2333899    | 20.752 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.172  | 2594004    | 20.570 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.340  | 2319422    | 20.501 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.945  | 2298914    | 20.120 ug/ml |
| 8) T n-Octadecane (C18)        | 11.390 | 2253133    | 19.679 ug/ml |
| 10) T n-Eicosane (C20)         | 12.701 | 2190318    | 19.205 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.315 | 2168798    | 18.908 ug/ml |
| 13) T n-Docosane (C22)         | 13.902 | 2123073    | 18.696 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.007 | 2072721    | 18.329 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.030 | 2004511    | 18.117 ug/ml |
| 16) T n-Octacosane (C28)       | 16.980 | 1970727    | 18.192 ug/ml |
| 17) T n-Tricontane (C30)       | 17.871 | 1969571    | 18.610 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.705 | 1908395    | 18.949 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.490 | 1837184    | 19.593 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.231 | 1802370    | 20.762 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.003 | 1686244    | 20.911 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.973 | 1841097    | 21.781 ug/ml |
| -----                          |        |            |              |

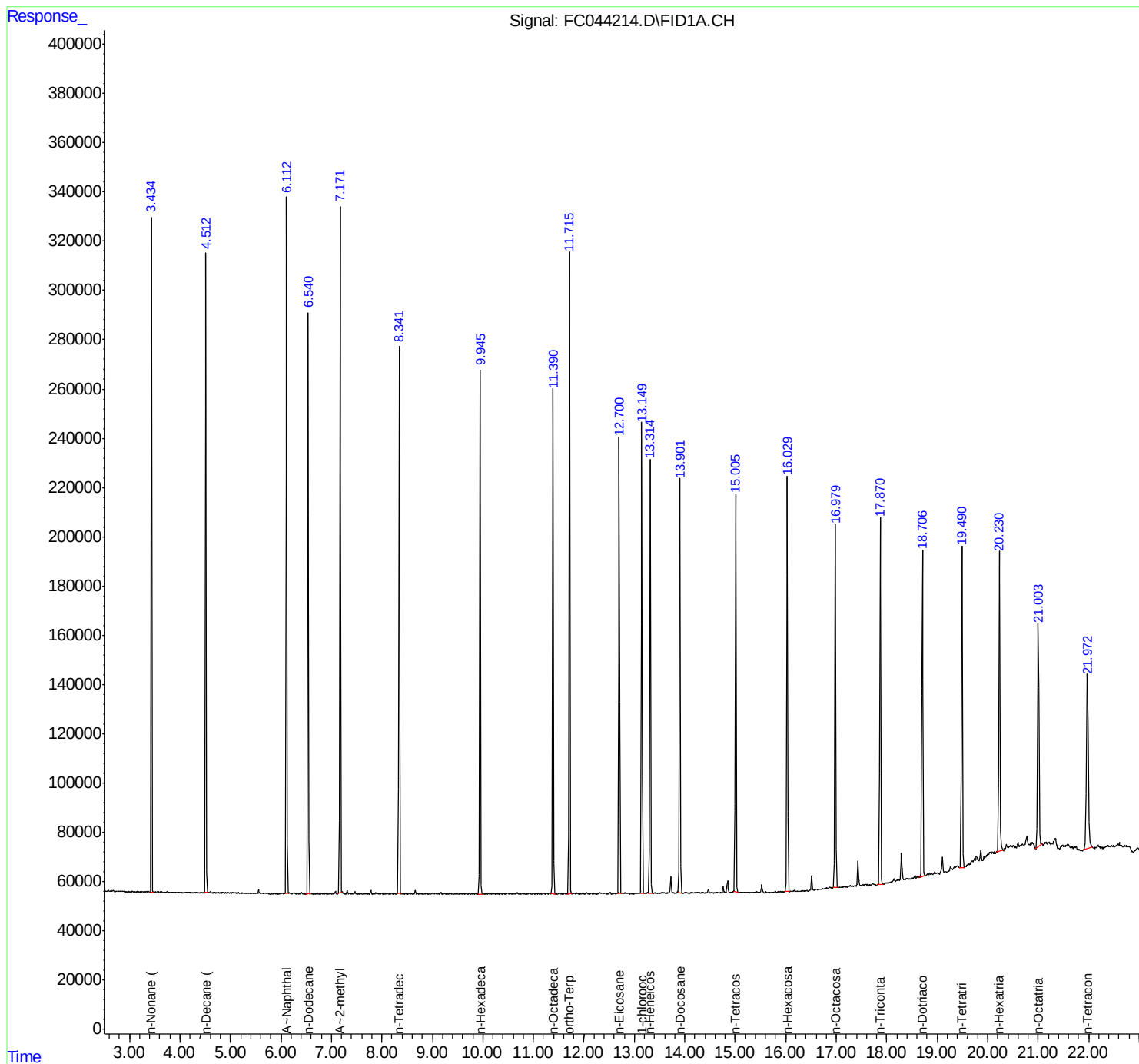
(f)=RT Delta > 1/2 Window

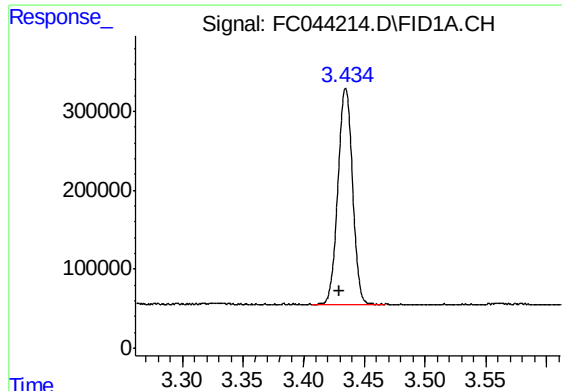
(m)=manual int.

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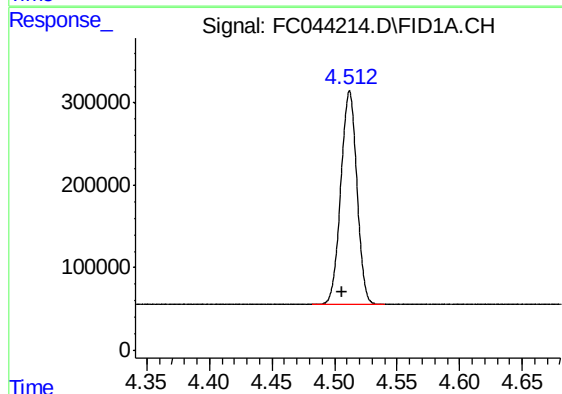
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





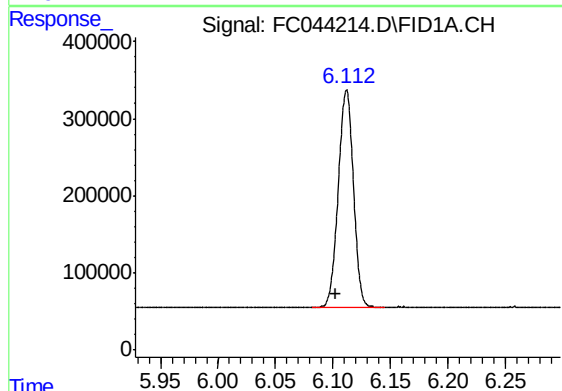
#1 n-Nonane (C9)

R.T.: 3.435 min  
Delta R.T.: 0.006 min  
Response: 2272871  
Conc: 20.63 ug/ml



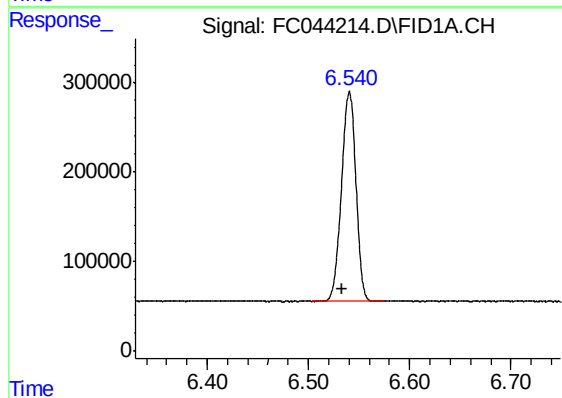
#2 n-Decane (C10)

R.T.: 4.512 min  
Delta R.T.: 0.006 min  
Response: 2312956  
Conc: 20.82 ug/ml



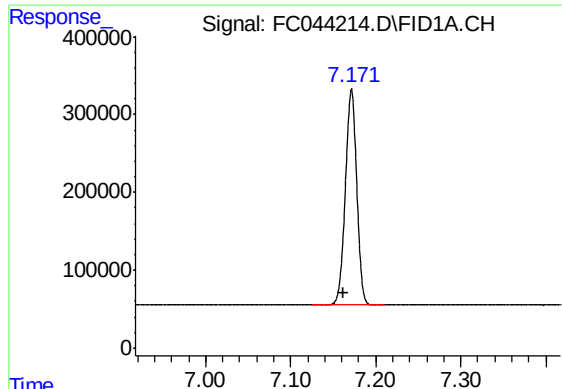
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min  
Delta R.T.: 0.009 min  
Response: 2578341  
Conc: 20.72 ug/ml



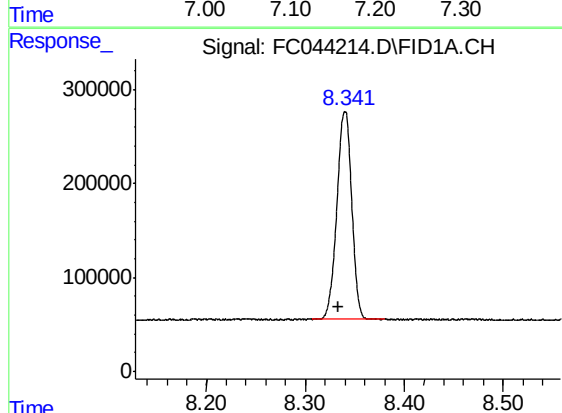
#4 n-Dodecane (C12)

R.T.: 6.541 min  
Delta R.T.: 0.007 min  
Response: 2333899  
Conc: 20.75 ug/ml



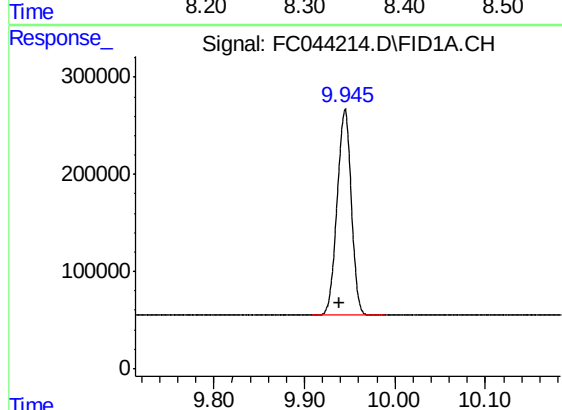
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.172 min  
Delta R.T.: 0.009 min  
Response: 2594004  
Conc: 20.57 ug/ml



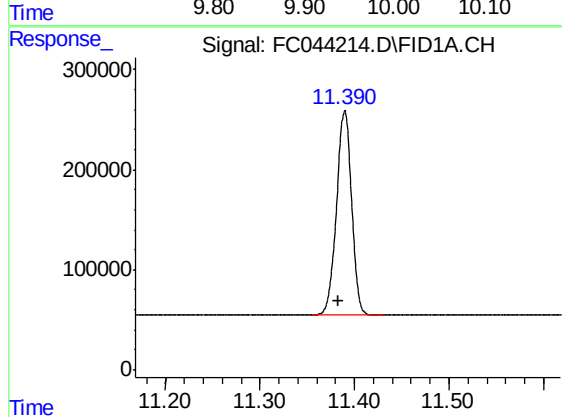
#6 n-Tetradecane (C14)

R.T.: 8.340 min  
Delta R.T.: 0.007 min  
Response: 2319422  
Conc: 20.50 ug/ml



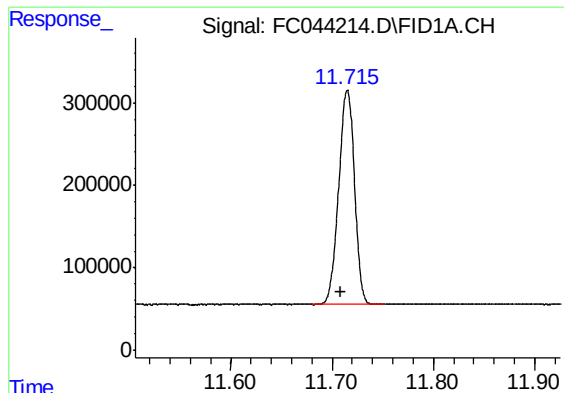
#7 n-Hexadecane (C16)

R.T.: 9.945 min  
Delta R.T.: 0.007 min  
Response: 2298914  
Conc: 20.12 ug/ml



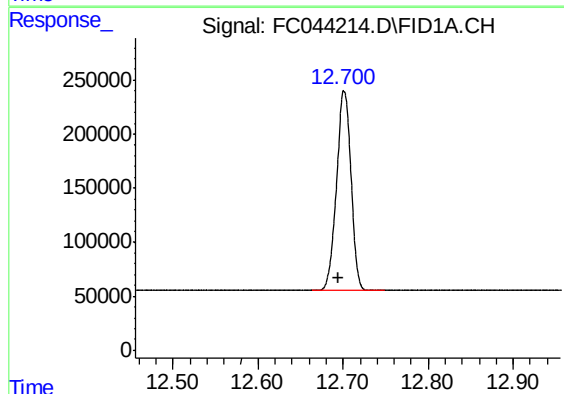
#8 n-Octadecane (C18)

R.T.: 11.390 min  
Delta R.T.: 0.007 min  
Response: 2253133  
Conc: 19.68 ug/ml



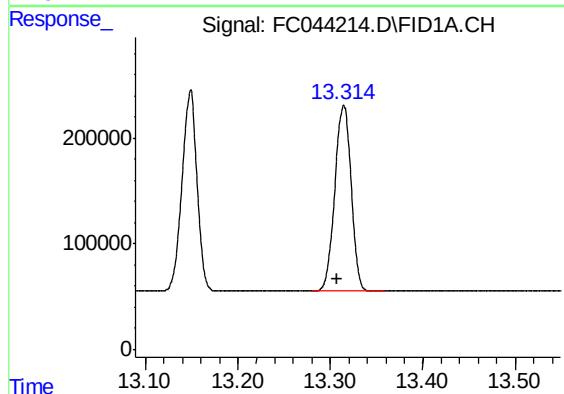
#9 ortho-Terphenyl (SURR)

R.T.: 11.715 min  
Delta R.T.: 0.006 min  
Response: 2829304  
Conc: 19.41 ug/ml



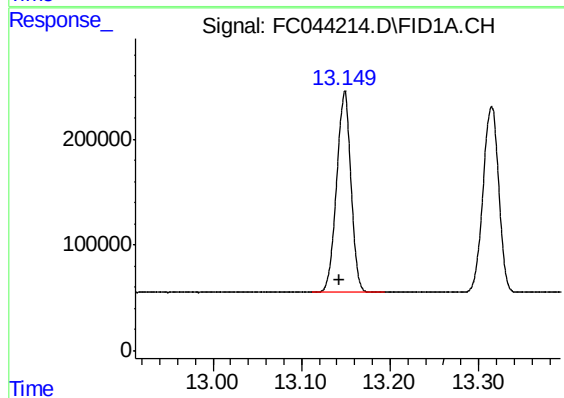
#10 n-Eicosane (C20)

R.T.: 12.701 min  
Delta R.T.: 0.007 min  
Response: 2190318  
Conc: 19.21 ug/ml



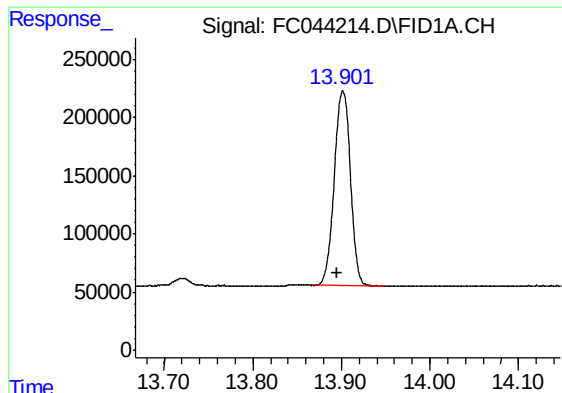
#11 n-Heneicosane (C21)

R.T.: 13.315 min  
Delta R.T.: 0.007 min  
Response: 2168798  
Conc: 18.91 ug/ml



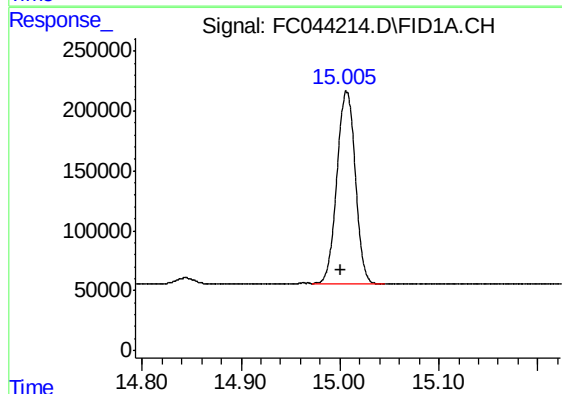
#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min  
Delta R.T.: 0.007 min  
Response: 2143223  
Conc: 19.17 ug/ml



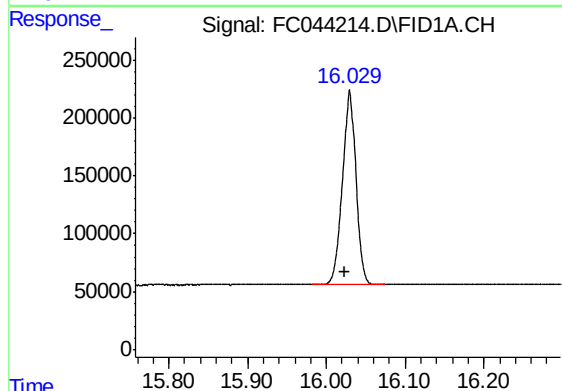
#13 n-Docosane (C22)

R.T.: 13.902 min  
Delta R.T.: 0.006 min  
Response: 2123073  
Conc: 18.70 ug/ml



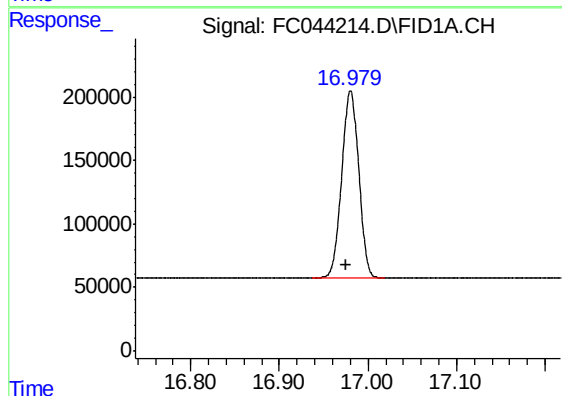
#14 n-Tetracosane (C24)

R.T.: 15.007 min  
Delta R.T.: 0.006 min  
Response: 2072721  
Conc: 18.33 ug/ml



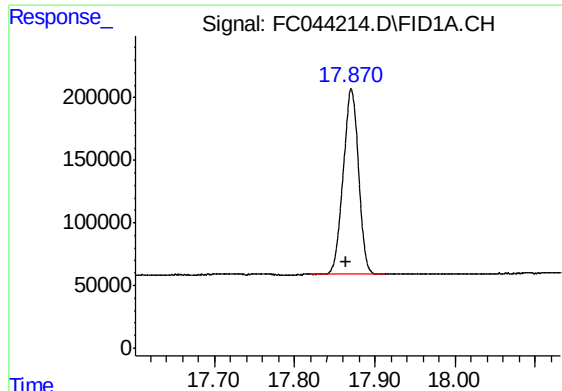
#15 n-Hexacosane (C26)

R.T.: 16.030 min  
Delta R.T.: 0.006 min  
Response: 2004511  
Conc: 18.12 ug/ml



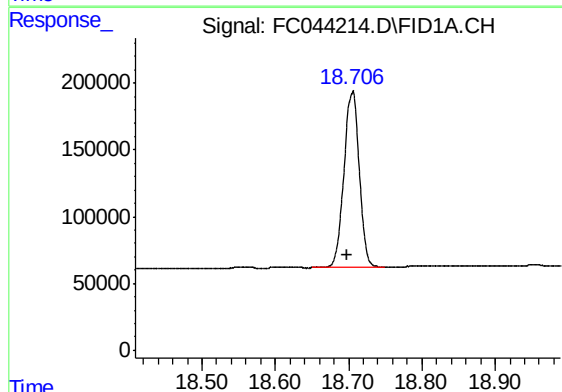
#16 n-Octacosane (C28)

R.T.: 16.980 min  
Delta R.T.: 0.006 min  
Response: 1970727  
Conc: 18.19 ug/ml



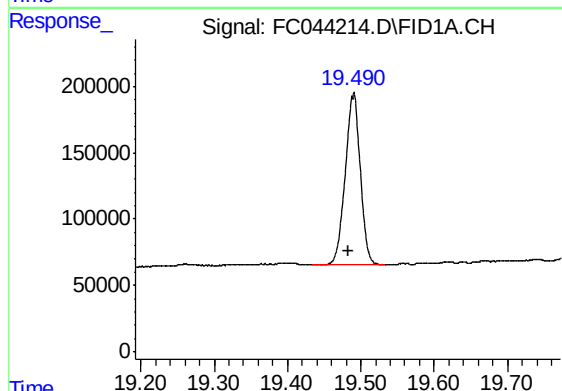
#17 n-Tricontane (C30)

R.T.: 17.871 min  
Delta R.T.: 0.006 min  
Response: 1969571  
Conc: 18.61 ug/ml



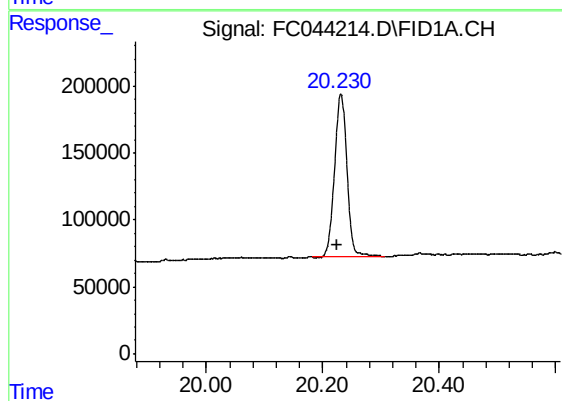
#18 n-Dotriacontane (C32)

R.T.: 18.705 min  
Delta R.T.: 0.007 min  
Response: 1908395  
Conc: 18.95 ug/ml



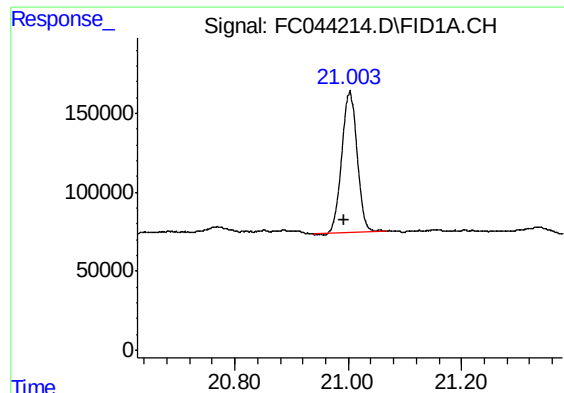
#19 n-Tetatriacontane (C34)

R.T.: 19.490 min  
Delta R.T.: 0.007 min  
Response: 1837184  
Conc: 19.59 ug/ml



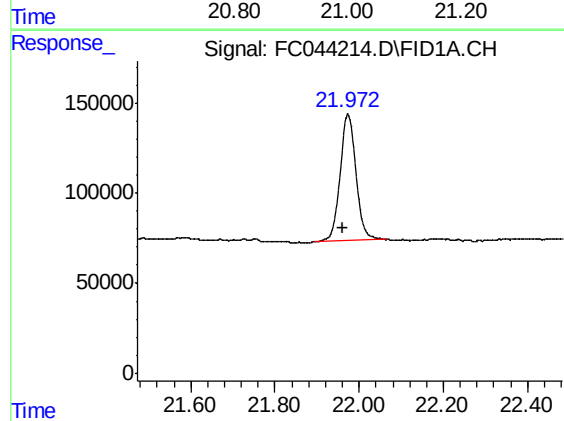
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min  
Delta R.T.: 0.007 min  
Response: 1802370  
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.003 min  
Delta R.T.: 0.009 min  
Response: 1686244  
Conc: 20.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.973 min  
Delta R.T.: 0.012 min  
Response: 1841097  
Conc: 21.78 ug/ml