

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041519AL\  
 Data File : FC040593.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 Apr 2019 11:38  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 16 05:03:52 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)    | 11.032 | 2339249    | 18.165 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.33%       |
| 12) S 1-chlorooctadecane (S... | 12.461 | 1777441    | 17.994 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.99%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.863  | 1576222    | 19.098 ug/ml |
| 2) T n-Decane (C10)            | 3.885  | 1647098    | 19.461 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.461  | 1966373    | 20.154 ug/ml |
| 4) T n-Dodecane (C12)          | 5.880  | 1723076    | 19.948 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.511  | 1995075    | 20.079 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.672  | 1792565    | 19.668 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.270  | 1810304    | 18.835 ug/ml |
| 8) T n-Octadecane (C18)        | 10.709 | 1808434    | 18.028 ug/ml |
| 10) T n-Eicosane (C20)         | 12.016 | 1803933    | 17.726 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.627 | 1791190    | 17.762 ug/ml |
| 13) T n-Docosane (C22)         | 13.213 | 1793508    | 17.842 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.314 | 1808322    | 18.163 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.334 | 1811192    | 18.500 ug/ml |
| 16) T n-Octacosane (C28)       | 16.283 | 1822337    | 18.577 ug/ml |
| 17) T n-Tricontane (C30)       | 17.170 | 1806128    | 18.458 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.004 | 1741132    | 17.991 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.823 | 1559213    | 18.600 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.853 | 1383562    | 18.791 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.245 | 1311589    | 18.981 ug/ml |
| 22) T n-Tetracontane (C40)     | 23.181 | 1306331    | 19.271 ug/ml |
| -----                          |        |            |              |

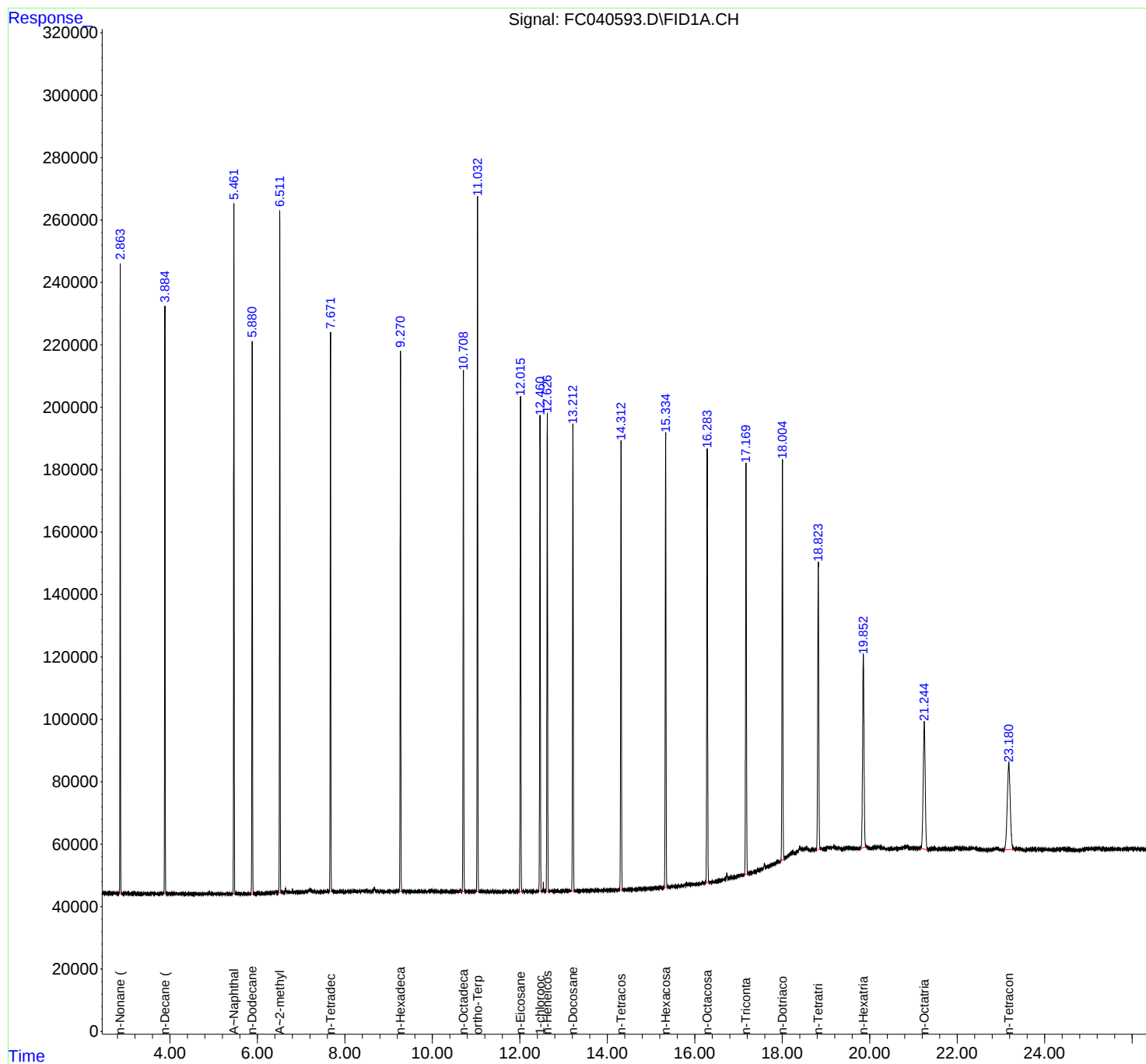
(f)=RT Delta > 1/2 Window

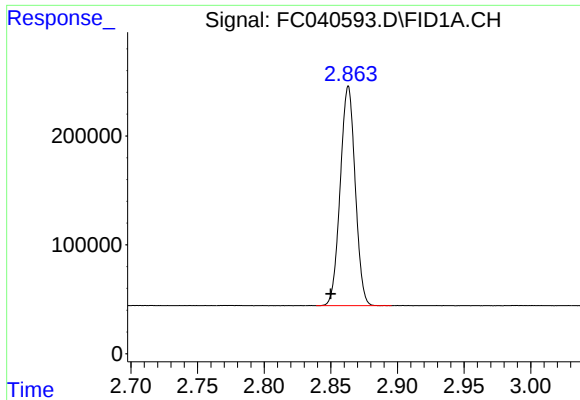
(m)=manual int.

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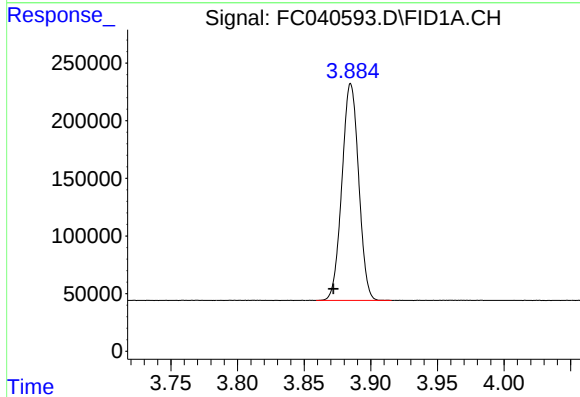
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





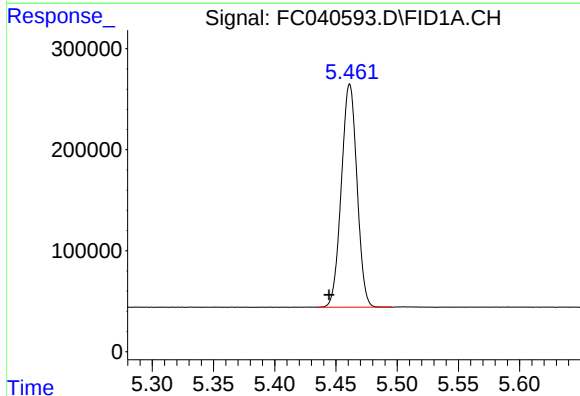
#1 n-Nonane (C9)

R.T.: 2.863 min  
Delta R.T.: 0.013 min  
Response: 1576222  
Conc: 19.10 ug/ml



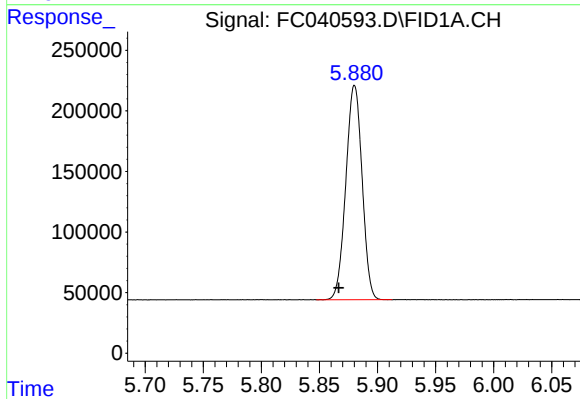
#2 n-Decane (C10)

R.T.: 3.885 min  
Delta R.T.: 0.013 min  
Response: 1647098  
Conc: 19.46 ug/ml



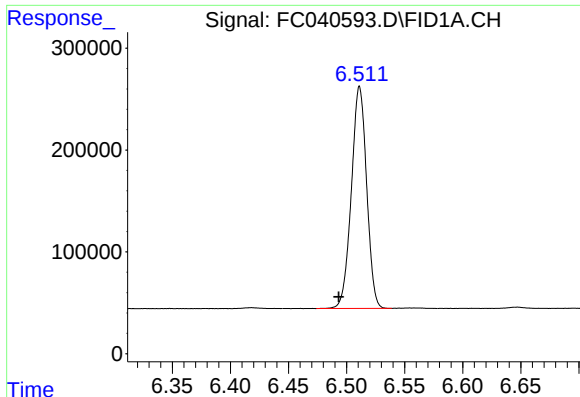
#3 A~Naphthalene (C11.7)

R.T.: 5.461 min  
Delta R.T.: 0.017 min  
Response: 1966373  
Conc: 20.15 ug/ml



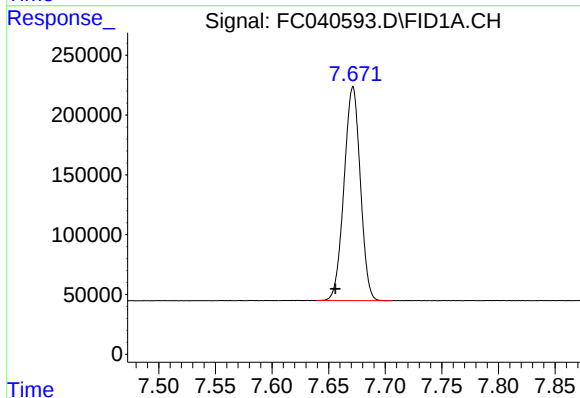
#4 n-Dodecane (C12)

R.T.: 5.880 min  
Delta R.T.: 0.014 min  
Response: 1723076  
Conc: 19.95 ug/ml



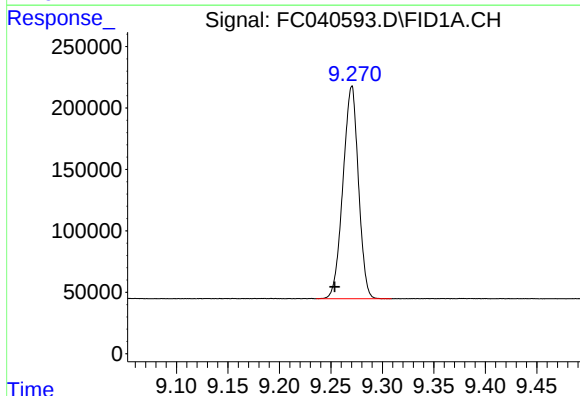
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.511 min  
Delta R.T.: 0.018 min  
Response: 1995075  
Conc: 20.08 ug/ml



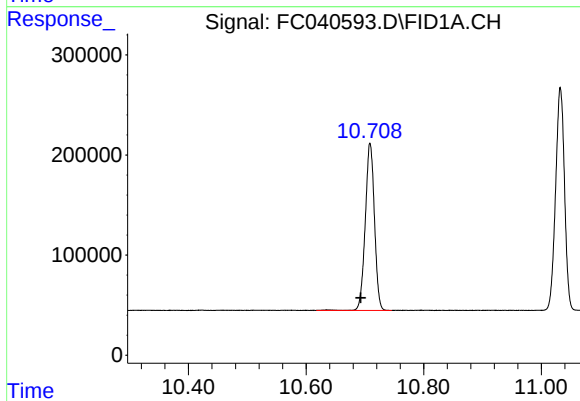
#6 n-Tetradecane (C14)

R.T.: 7.672 min  
Delta R.T.: 0.015 min  
Response: 1792565  
Conc: 19.67 ug/ml



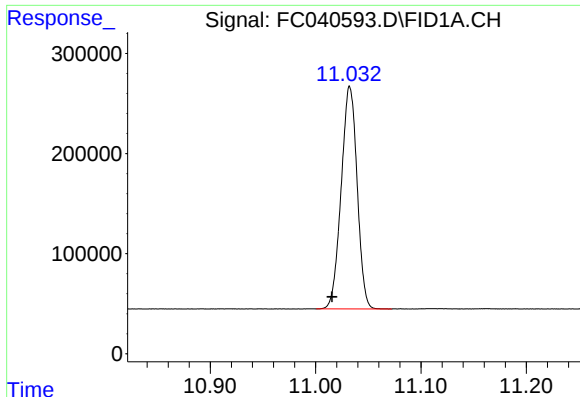
#7 n-Hexadecane (C16)

R.T.: 9.270 min  
Delta R.T.: 0.016 min  
Response: 1810304  
Conc: 18.83 ug/ml



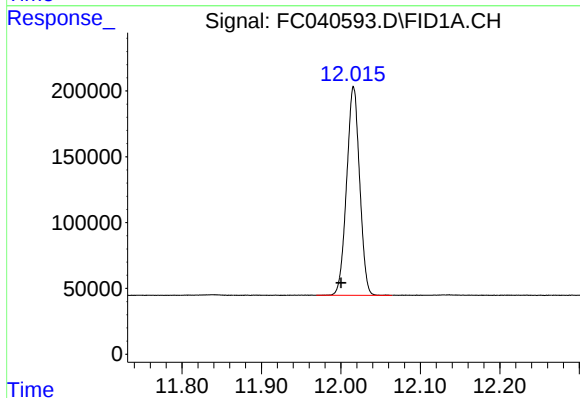
#8 n-Octadecane (C18)

R.T.: 10.709 min  
Delta R.T.: 0.016 min  
Response: 1808434  
Conc: 18.03 ug/ml



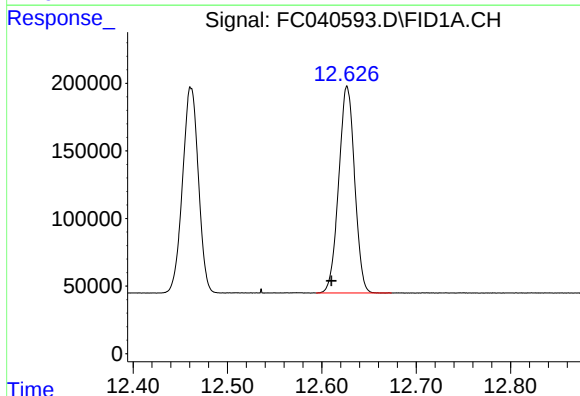
#9 ortho-Terphenyl (SURR)

R.T.: 11.032 min  
Delta R.T.: 0.017 min  
Response: 2339249  
Conc: 18.17 ug/ml



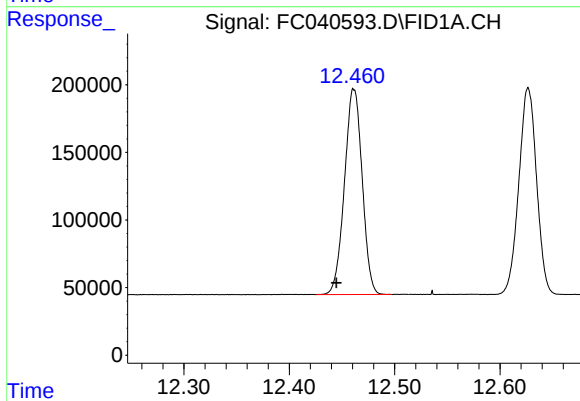
#10 n-Eicosane (C20)

R.T.: 12.016 min  
Delta R.T.: 0.016 min  
Response: 1803933  
Conc: 17.73 ug/ml



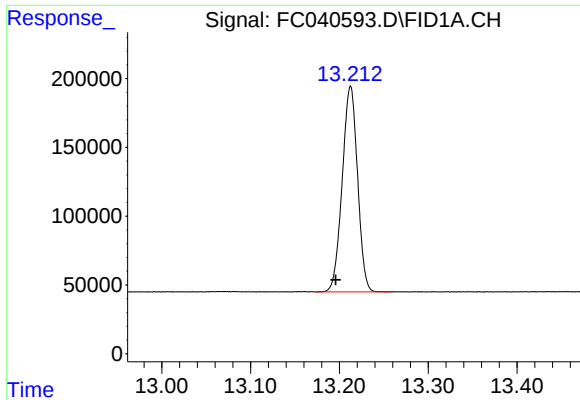
#11 n-Heneicosane (C21)

R.T.: 12.627 min  
Delta R.T.: 0.017 min  
Response: 1791190  
Conc: 17.76 ug/ml



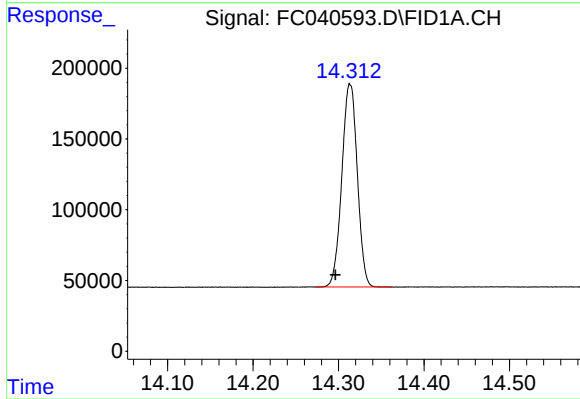
#12 1-chlorooctadecane (SURR)

R.T.: 12.461 min  
Delta R.T.: 0.017 min  
Response: 1777441  
Conc: 17.99 ug/ml



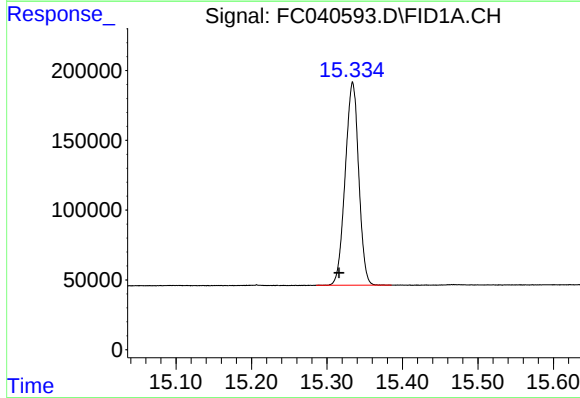
#13 n-Docosane (C22)

R.T.: 13.213 min  
Delta R.T.: 0.017 min  
Response: 1793508  
Conc: 17.84 ug/ml



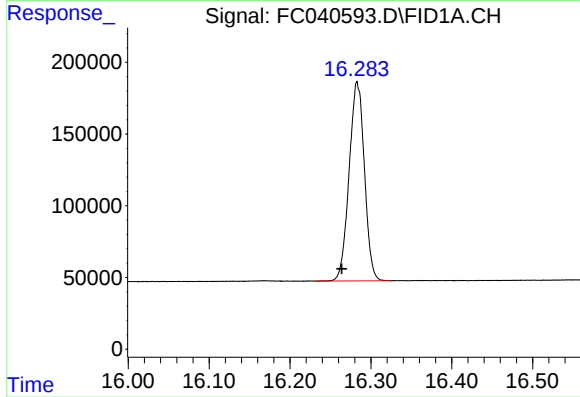
#14 n-Tetracosane (C24)

R.T.: 14.314 min  
Delta R.T.: 0.017 min  
Response: 1808322  
Conc: 18.16 ug/ml



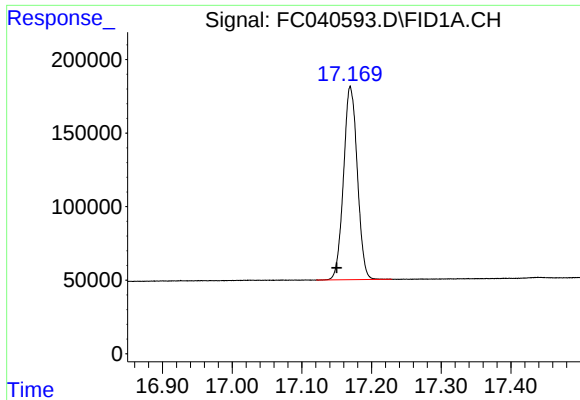
#15 n-Hexacosane (C26)

R.T.: 15.334 min  
Delta R.T.: 0.018 min  
Response: 1811192  
Conc: 18.50 ug/ml



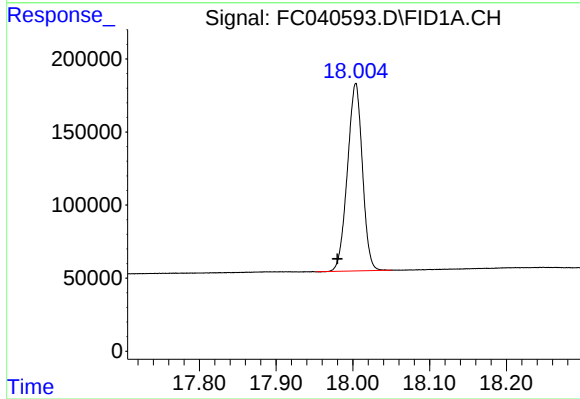
#16 n-Octacosane (C28)

R.T.: 16.283 min  
Delta R.T.: 0.019 min  
Response: 1822337  
Conc: 18.58 ug/ml



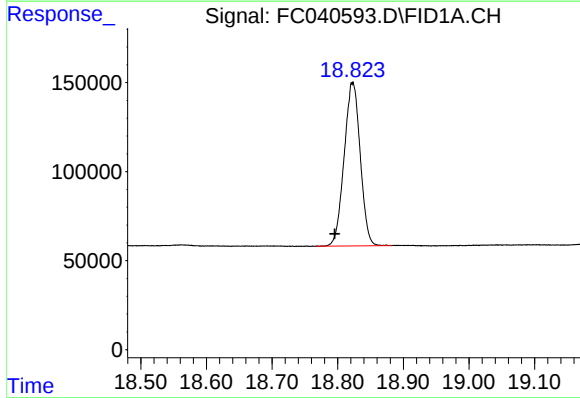
#17 n-Tricontane (C30)

R.T.: 17.170 min  
Delta R.T.: 0.020 min  
Response: 1806128  
Conc: 18.46 ug/ml



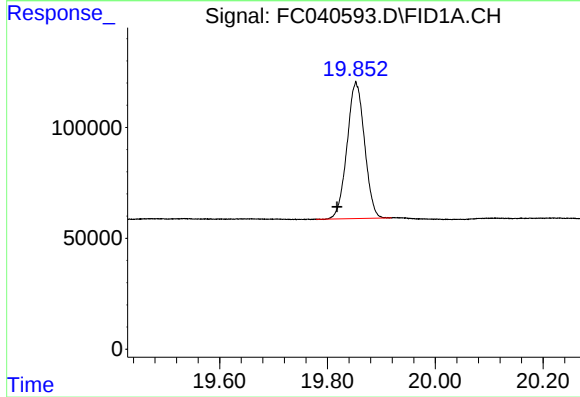
#18 n-Dotriacontane (C32)

R.T.: 18.004 min  
Delta R.T.: 0.024 min  
Response: 1741132  
Conc: 17.99 ug/ml



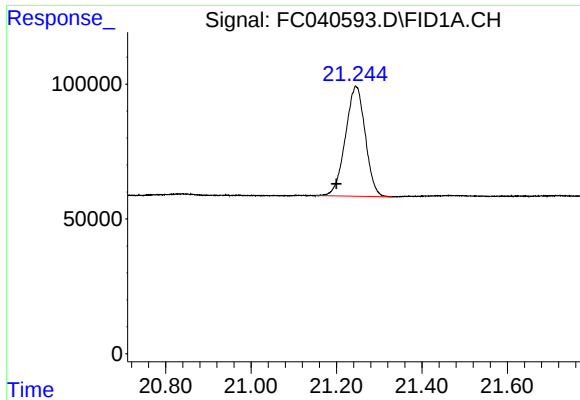
#19 n-Tetratriacontane (C34)

R.T.: 18.823 min  
Delta R.T.: 0.027 min  
Response: 1559213  
Conc: 18.60 ug/ml



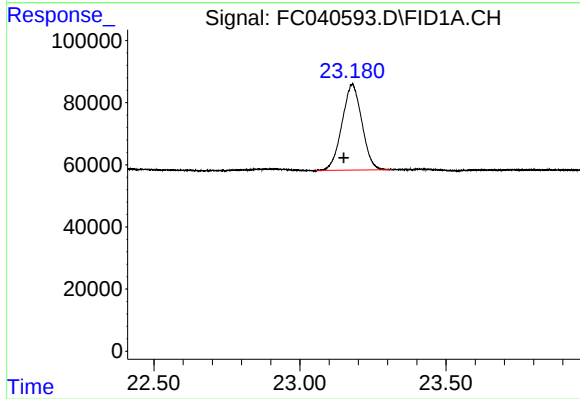
#20 n-Hexatriacontane (C36)

R.T.: 19.853 min  
Delta R.T.: 0.035 min  
Response: 1383562  
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.245 min  
Delta R.T.: 0.045 min  
Response: 1311589  
Conc: 18.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.181 min  
Delta R.T.: 0.031 min  
Response: 1306331  
Conc: 19.27 ug/ml