

Data Path : P:\HPCHEM1\FID D\Data\FD022818AL\  
 Data File : FD020218.D  
 Signal(s) : FID2B.CH  
 Acq On : 01 Mar 2018 16:31  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 06 03:54:31 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 020818.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 09 07:13:17 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.225 | 1967503    | 20.067 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.13%        |
| 12) S 1-chlorooctadecane (S... | 12.667 | 1522665    | 20.893 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.79%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.060  | 1629416    | 18.874 ug/ml  |
| 2) T n-Decane (C10)            | 4.115  | 1736215    | 20.120 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.680  | 1928162    | 21.989 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.120  | 1815112    | 20.372 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 6.730  | 1971452    | 21.949 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.902  | 1840562    | 20.119 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.492  | 1840449    | 19.799 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.925 | 1808519    | 19.698 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.228 | 1840944    | 20.057 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.836 | 1839723    | 20.358 ug/ml  |
| 13) T n-Docosane (C22)         | 13.419 | 1858223    | 20.777 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.517 | 1878865    | 21.600 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.532 | 1897481    | 22.032 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.477 | 1957879    | 22.434 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.360 | 1950647    | 22.633 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.187 | 1926452    | 22.436 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.966 | 1840037    | 22.227 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.701 | 1722975    | 21.891 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.400 | 1701389    | 22.555 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.177 | 1602870    | 23.003 ug/mlm |
| -----                          |        |            |               |

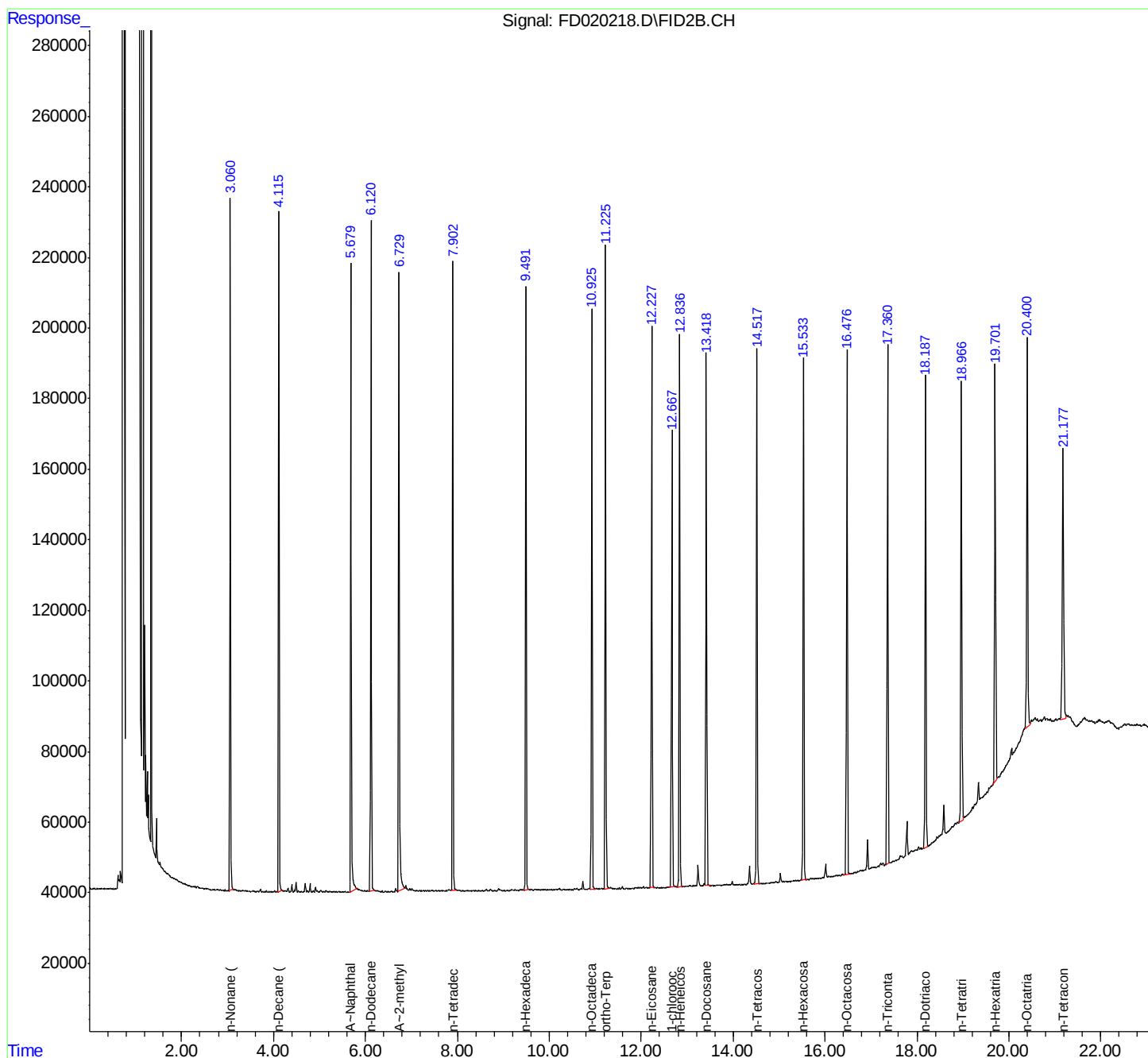
(f)=RT Delta > 1/2 Window

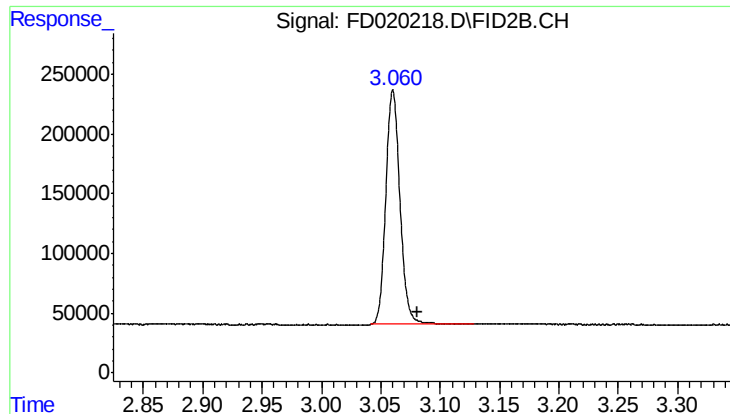
(m)=manual int.

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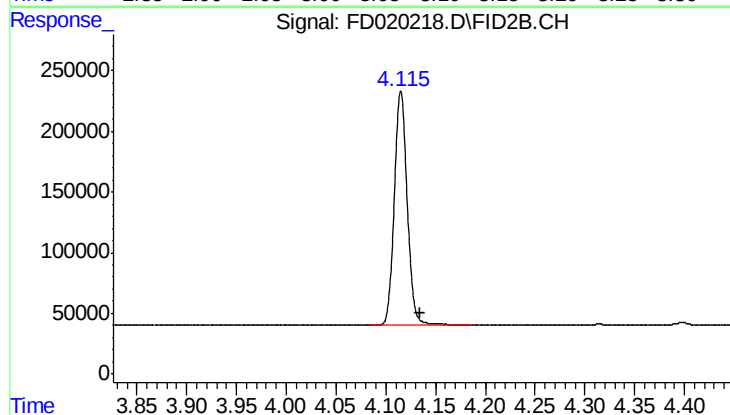
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





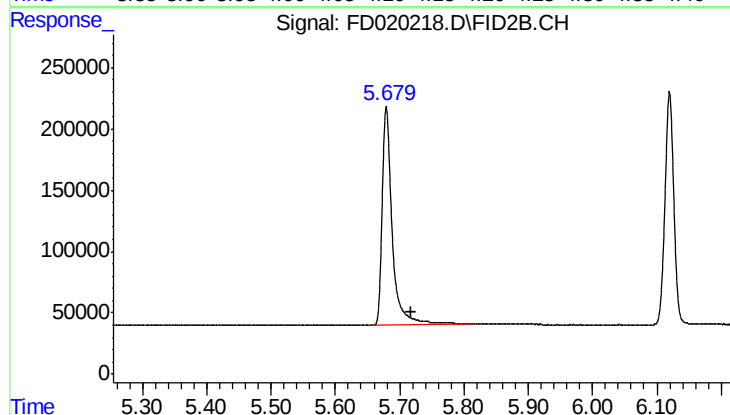
#1 n-Nonane (C9)

R.T.: 3.060 min  
Delta R.T.: -0.020 min  
Response: 1629416  
Conc: 18.87 ug/ml



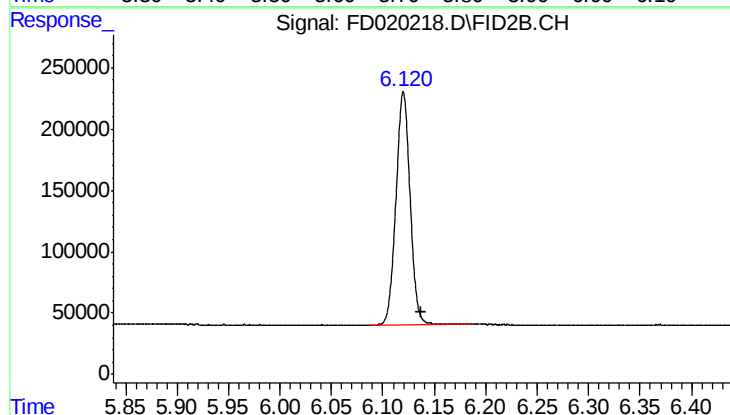
#2 n-Decane (C10)

R.T.: 4.115 min  
Delta R.T.: -0.019 min  
Response: 1736215  
Conc: 20.12 ug/ml



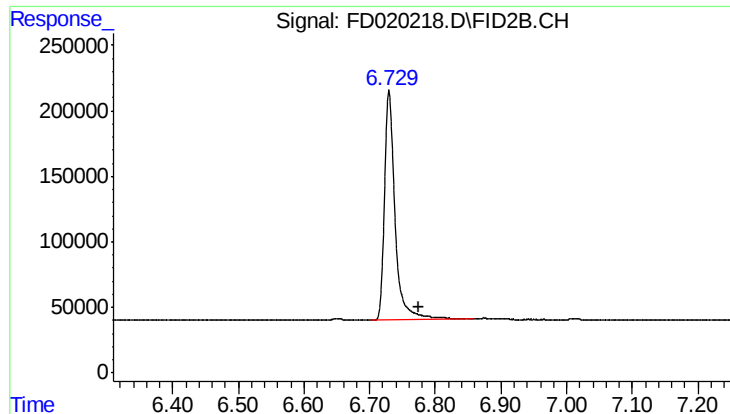
#3 A-Naphthalene (C11.7)

R.T.: 5.680 min  
Delta R.T.: -0.038 min  
Response: 1928162  
Conc: 21.99 ug/ml



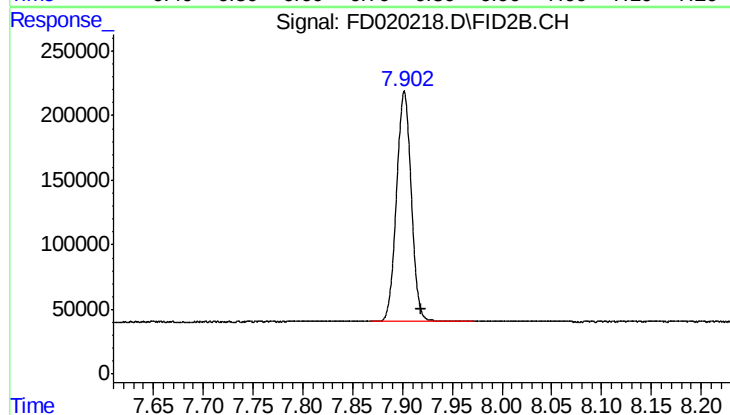
#4 n-Dodecane (C12)

R.T.: 6.120 min  
Delta R.T.: -0.017 min  
Response: 1815112  
Conc: 20.37 ug/ml



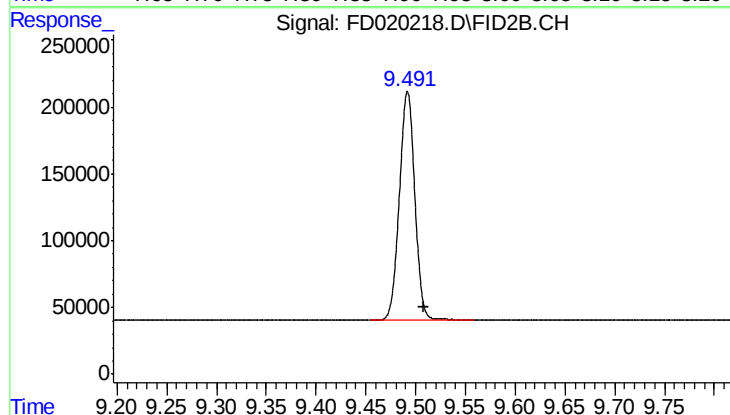
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.730 min  
Delta R.T.: -0.044 min  
Response: 1971452  
Conc: 21.95 ug/ml



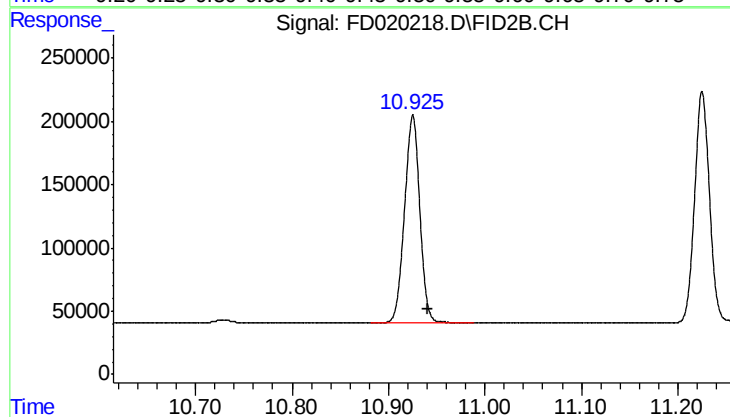
#6 n-Tetradecane (C14)

R.T.: 7.902 min  
Delta R.T.: -0.017 min  
Response: 1840562  
Conc: 20.12 ug/ml



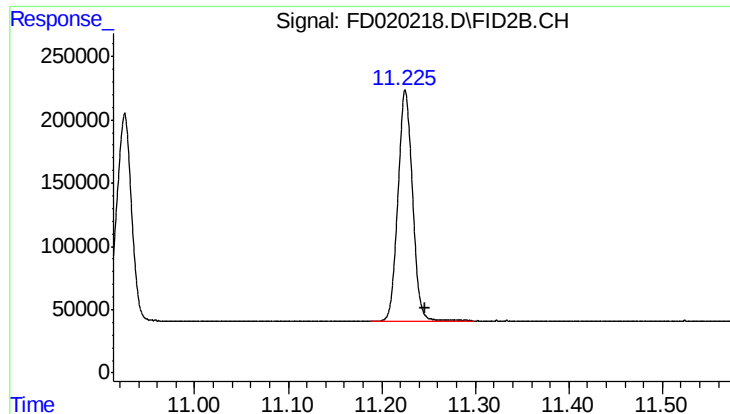
#7 n-Hexadecane (C16)

R.T.: 9.492 min  
Delta R.T.: -0.017 min  
Response: 1840449  
Conc: 19.80 ug/ml



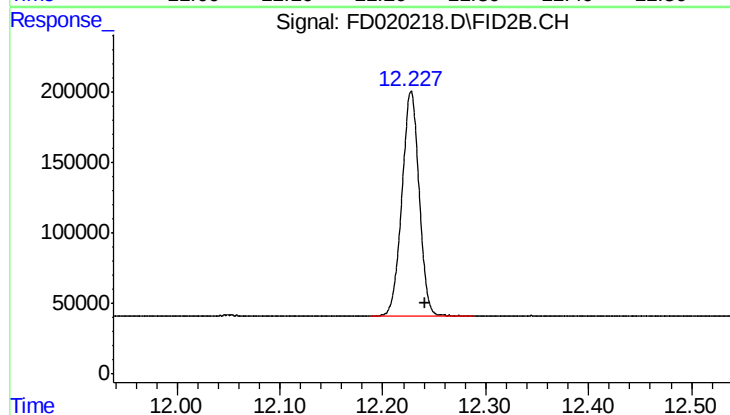
#8 n-Octadecane (C18)

R.T.: 10.925 min  
Delta R.T.: -0.015 min  
Response: 1808519  
Conc: 19.70 ug/ml



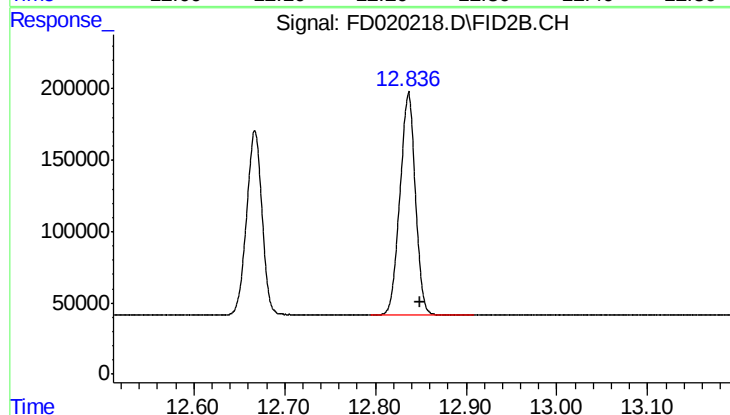
#9 ortho-Terphenyl (SURR)

R.T.: 11.225 min  
Delta R.T.: -0.020 min  
Response: 1967503  
Conc: 20.07 ug/ml



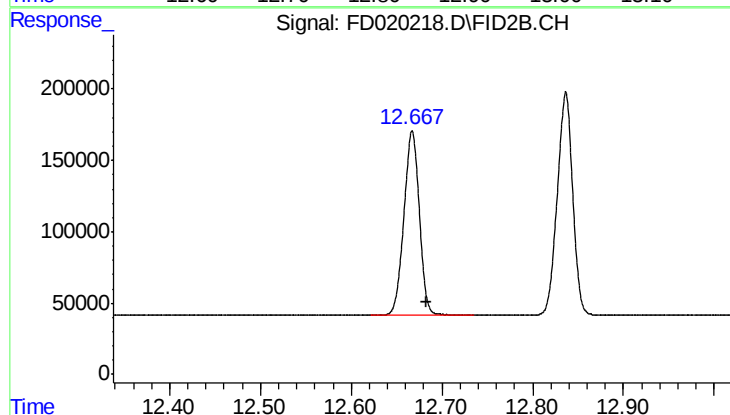
#10 n-Eicosane (C20)

R.T.: 12.228 min  
Delta R.T.: -0.014 min  
Response: 1840944  
Conc: 20.06 ug/ml



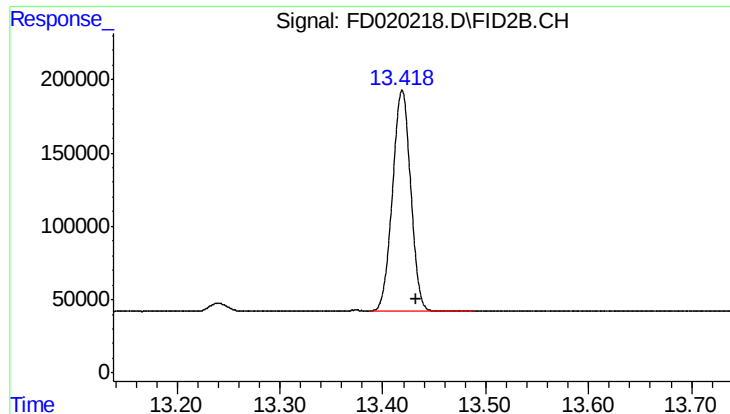
#11 n-Heneicosane (C21)

R.T.: 12.836 min  
Delta R.T.: -0.012 min  
Response: 1839723  
Conc: 20.36 ug/ml



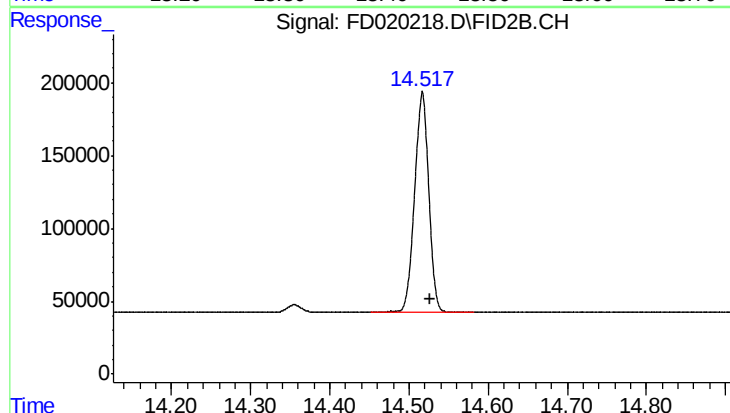
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min  
Delta R.T.: -0.016 min  
Response: 1522665  
Conc: 20.89 ug/ml



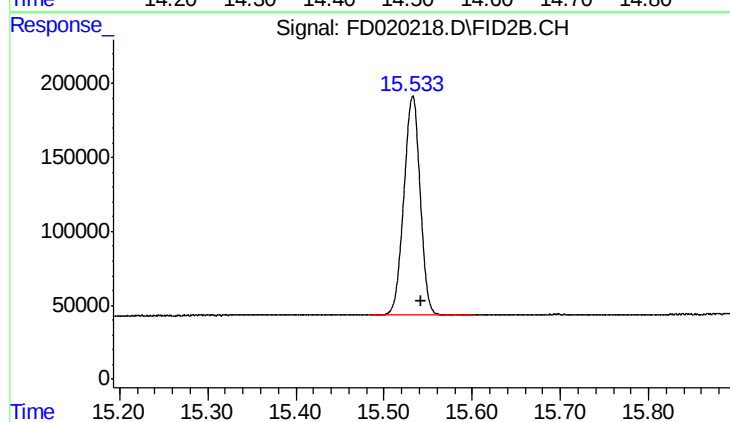
#13 n-Docosane (C22)

R.T.: 13.419 min  
Delta R.T.: -0.013 min  
Response: 1858223  
Conc: 20.78 ug/ml



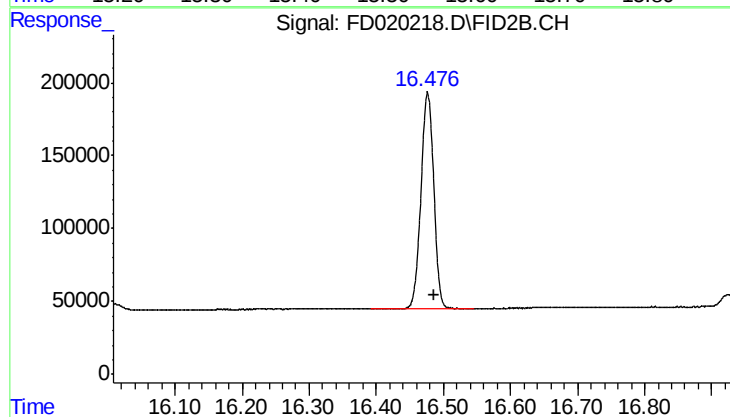
#14 n-Tetracosane (C24)

R.T.: 14.517 min  
Delta R.T.: -0.011 min  
Response: 1878865  
Conc: 21.60 ug/ml



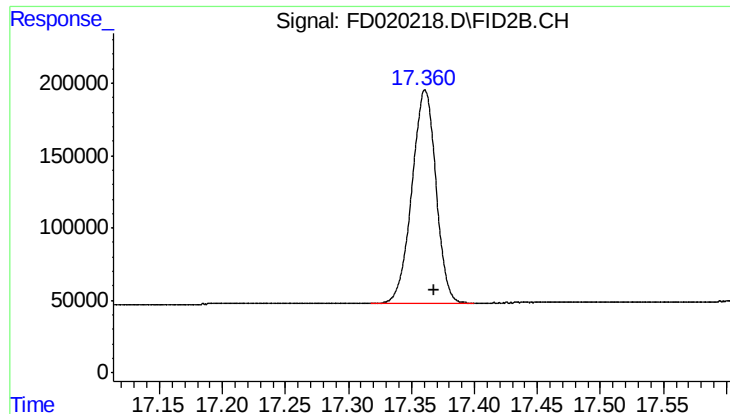
#15 n-Hexacosane (C26)

R.T.: 15.532 min  
Delta R.T.: -0.010 min  
Response: 1897481  
Conc: 22.03 ug/ml



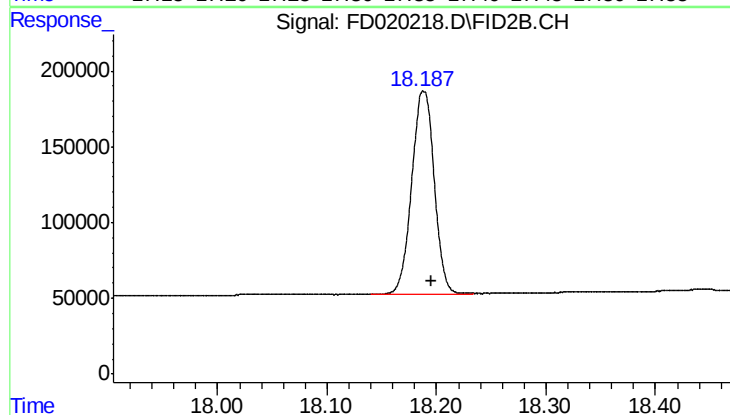
#16 n-Octacosane (C28)

R.T.: 16.477 min  
Delta R.T.: -0.009 min  
Response: 1957879  
Conc: 22.43 ug/ml



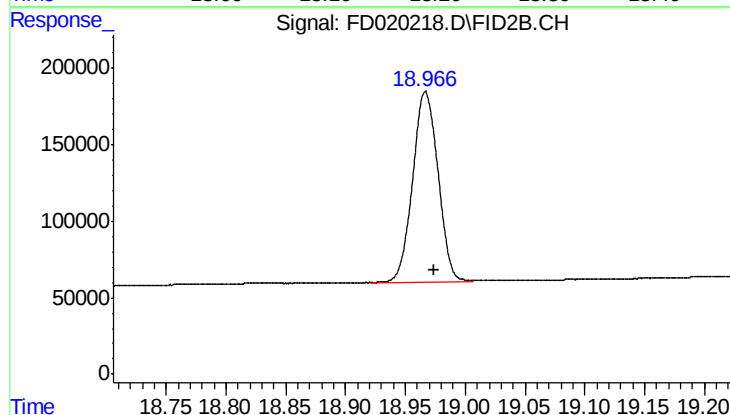
#17 n-Tricontane (C30)

R.T.: 17.360 min  
Delta R.T.: -0.008 min  
Response: 1950647  
Conc: 22.63 ug/ml m



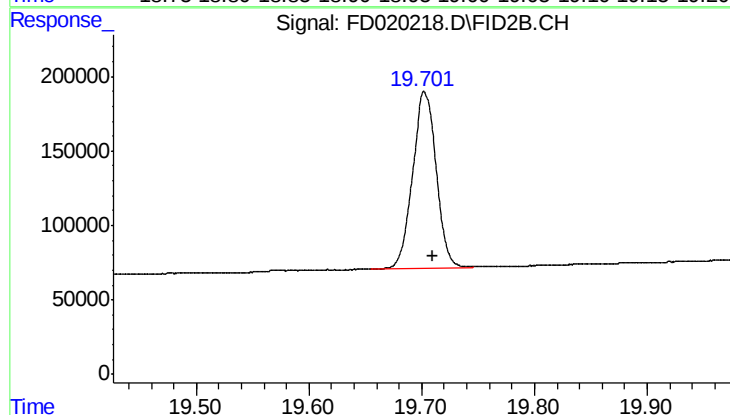
#18 n-Dotriacontane (C32)

R.T.: 18.187 min  
Delta R.T.: -0.008 min  
Response: 1926452  
Conc: 22.44 ug/ml m



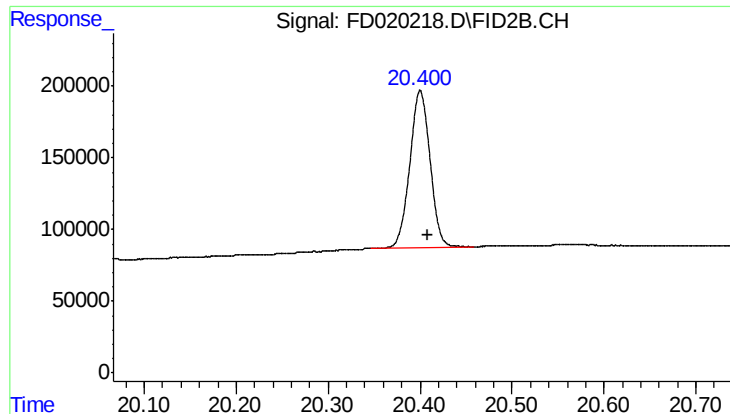
#19 n-Tetratriacontane (C34)

R.T.: 18.966 min  
Delta R.T.: -0.007 min  
Response: 1840037  
Conc: 22.23 ug/ml m



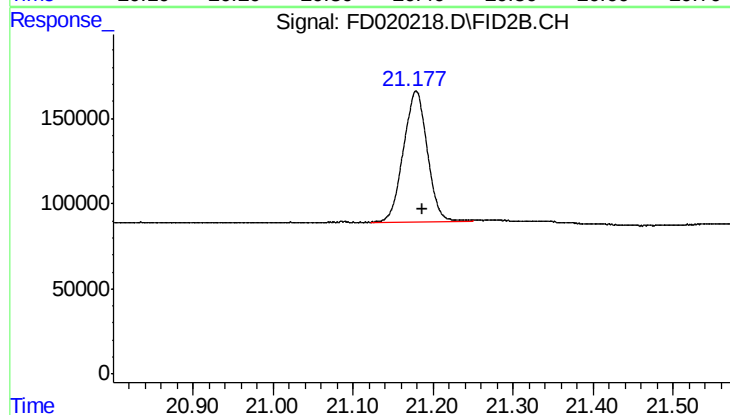
#20 n-Hexatriacontane (C36)

R.T.: 19.701 min  
Delta R.T.: -0.009 min  
Response: 1722975  
Conc: 21.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.400 min  
Delta R.T.: -0.009 min  
Response: 1701389  
Conc: 22.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.177 min  
Delta R.T.: -0.010 min  
Response: 1602870  
Conc: 23.00 ug/ml m