

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD070218AL\  
 Data File : FD024824.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Jul 2018 12:12  
 Operator : UA/AJ  
 Sample : 100 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 02 14:36:33 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070218.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 02 14:36:00 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)    | 11.389 | 10289371   | 99.697 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 199.39%      |
| 12) S 1-chlorooctadecane (S... | 12.829 | 7844513    | 98.113 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 196.23%      |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.171  | 8163277    | 90.877 ug/ml |
| 2) T n-Decane (C10)            | 4.240  | 8395841    | 92.598 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.811  | 9596621    | 94.356 ug/ml |
| 4) T n-Dodecane (C12)          | 6.258  | 8940440    | 95.704 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.867  | 9916222    | 96.077 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.049  | 9541916    | 98.401 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.646  | 9789513    | 98.907 ug/ml |
| 8) T n-Octadecane (C18)        | 11.084 | 9551369    | 96.970 ug/ml |
| 10) T n-Eicosane (C20)         | 12.389 | 9360419    | 97.101 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.000 | 9103662    | 96.987 ug/ml |
| 13) T n-Docosane (C22)         | 13.584 | 8958373    | 96.456 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.684 | 8617864    | 94.531 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.701 | 8382490    | 93.134 ug/ml |
| 16) T n-Octacosane (C28)       | 16.648 | 8330113    | 93.233 ug/ml |
| 17) T n-Tricontane (C30)       | 17.532 | 8033344    | 92.096 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.362 | 7799007    | 92.672 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.142 | 7936640    | 93.325 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.879 | 7760228    | 92.964 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.587 | 7844700    | 92.333 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.417 | 7816287    | 92.173 ug/ml |
| -----                          |        |            |              |

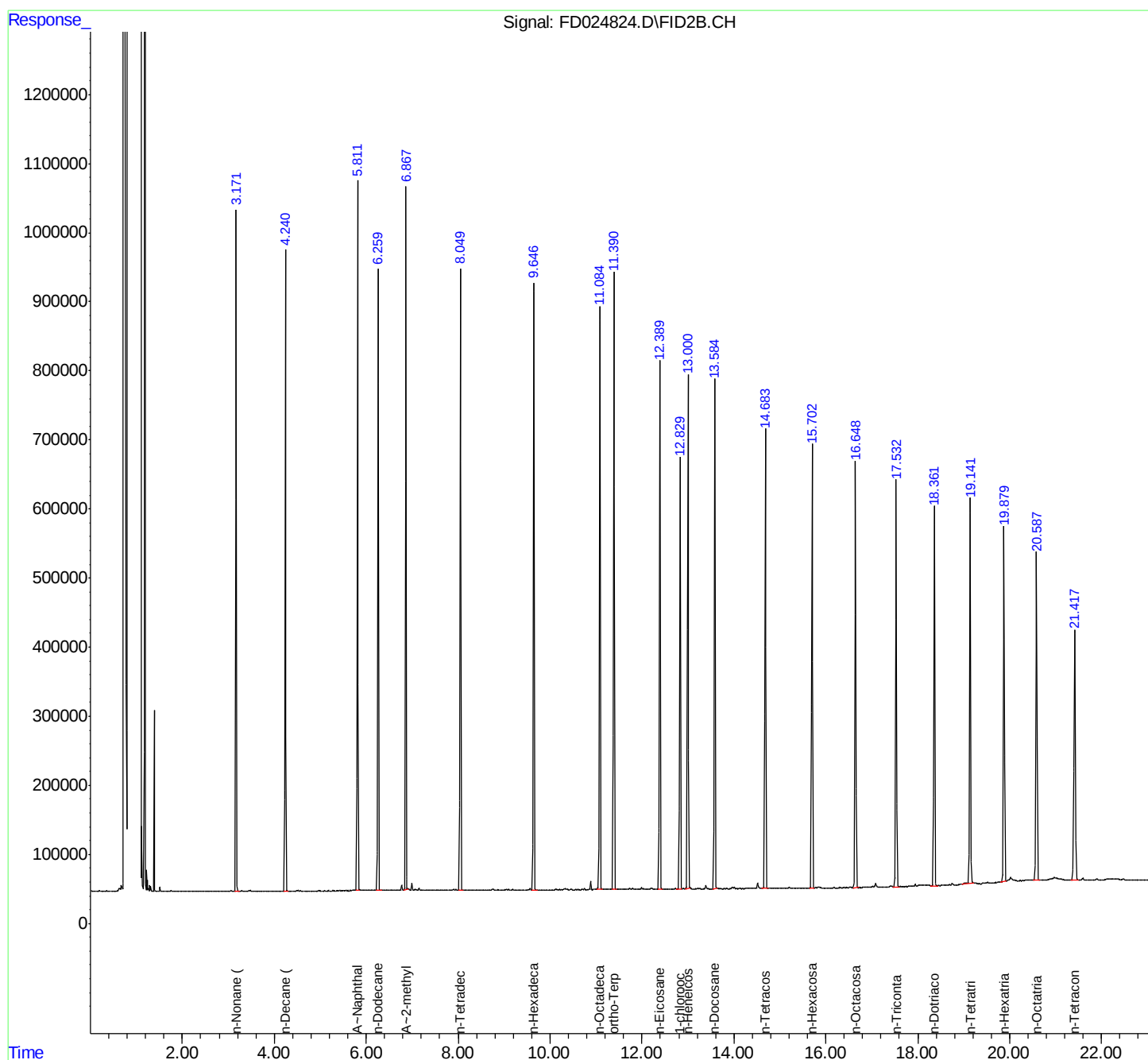
(f)=RT Delta > 1/2 Window

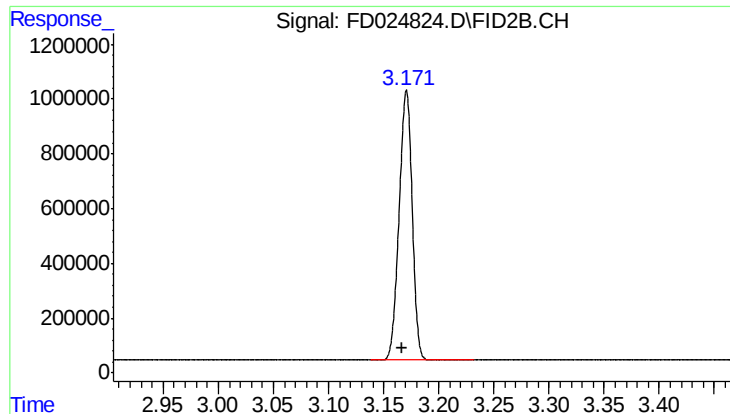
(m)=manual int.

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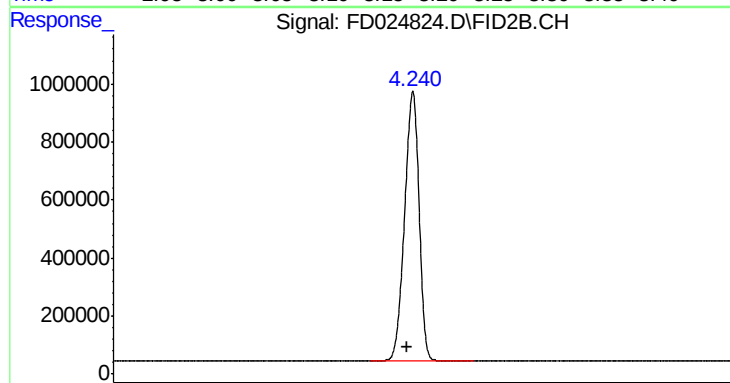
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





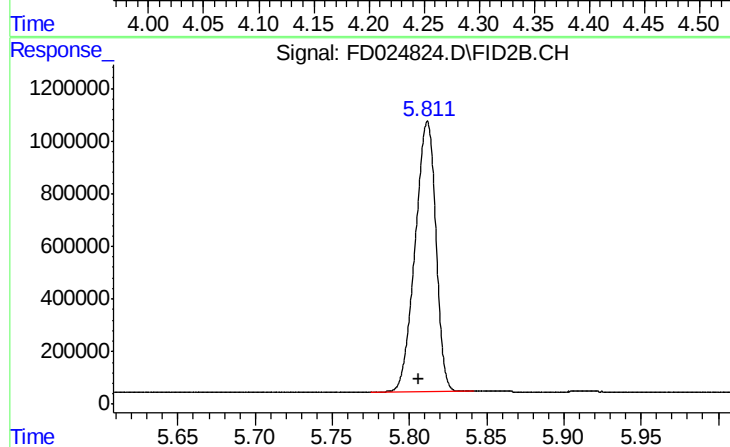
#1 n-Nonane (C9)

R.T.: 3.171 min  
Delta R.T.: 0.004 min  
Response: 8163277  
Conc: 90.88 ug/ml



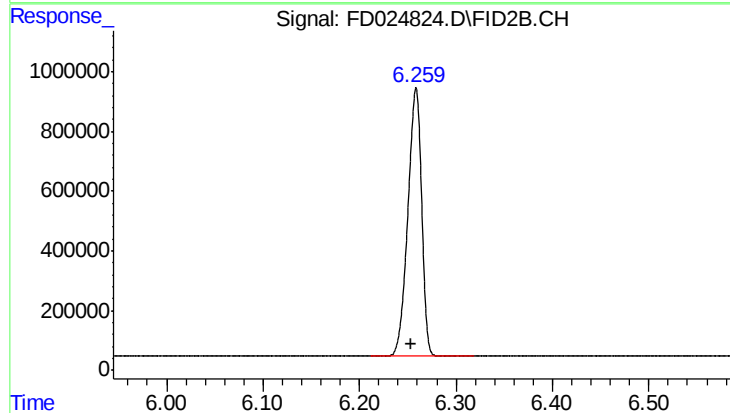
#2 n-Decane (C10)

R.T.: 4.240 min  
Delta R.T.: 0.005 min  
Response: 8395841  
Conc: 92.60 ug/ml



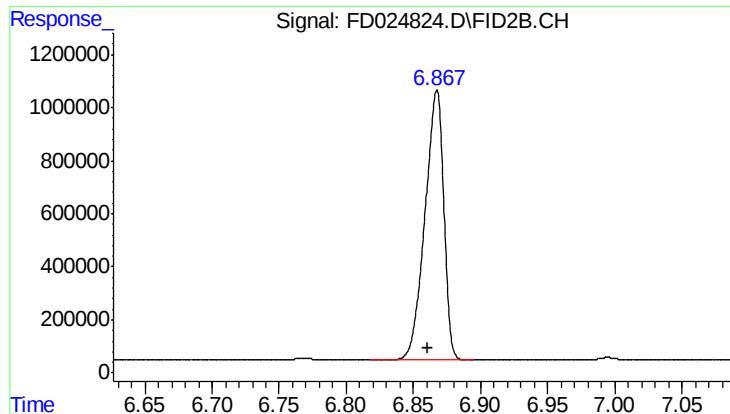
#3 A-Naphthalene (C11.7)

R.T.: 5.811 min  
Delta R.T.: 0.005 min  
Response: 9596621  
Conc: 94.36 ug/ml



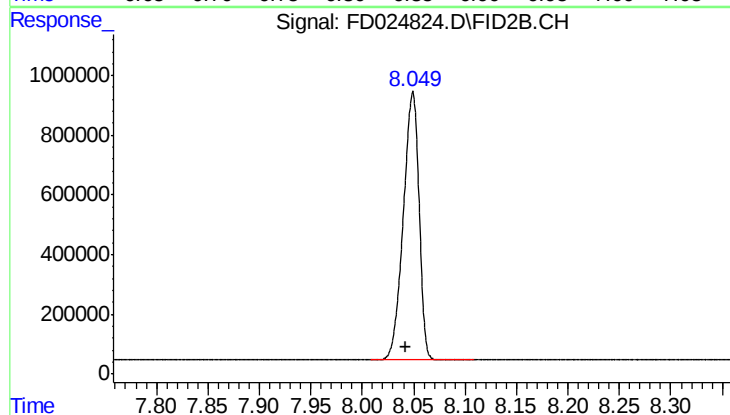
#4 n-Dodecane (C12)

R.T.: 6.258 min  
Delta R.T.: 0.005 min  
Response: 8940440  
Conc: 95.70 ug/ml



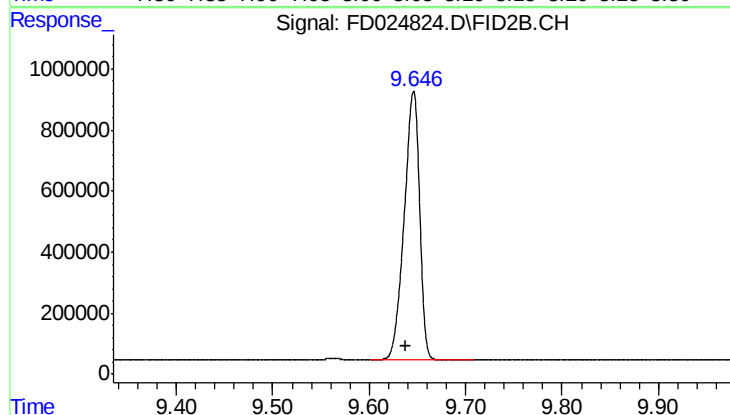
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.867 min  
Delta R.T.: 0.007 min  
Response: 9916222  
Conc: 96.08 ug/ml



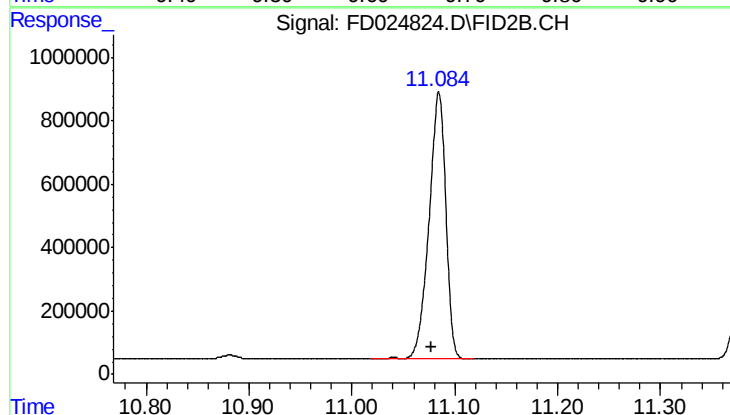
#6 n-Tetradecane (C14)

R.T.: 8.049 min  
Delta R.T.: 0.006 min  
Response: 9541916  
Conc: 98.40 ug/ml



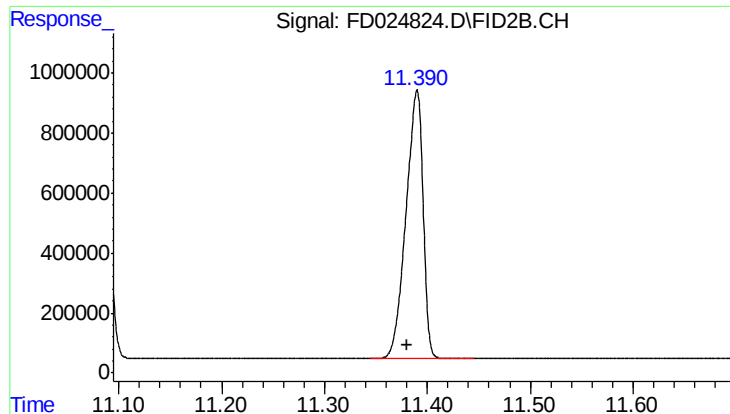
#7 n-Hexadecane (C16)

R.T.: 9.646 min  
Delta R.T.: 0.007 min  
Response: 9789513  
Conc: 98.91 ug/ml



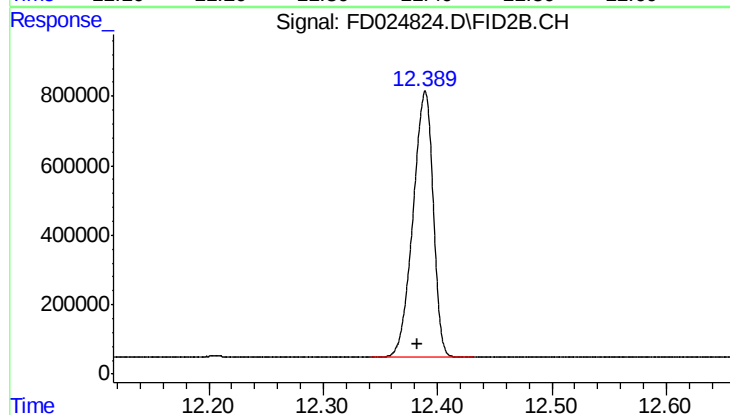
#8 n-Octadecane (C18)

R.T.: 11.084 min  
Delta R.T.: 0.007 min  
Response: 9551369  
Conc: 96.97 ug/ml



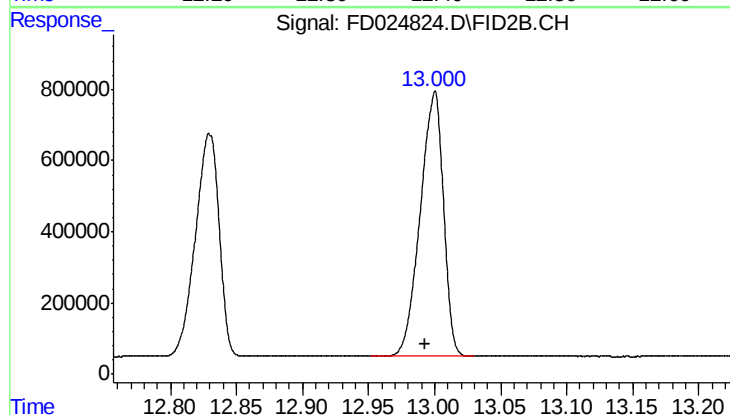
#9 ortho-Terphenyl (SURR)

R.T.: 11.389 min  
Delta R.T.: 0.008 min  
Response: 10289371  
Conc: 99.70 ug/ml



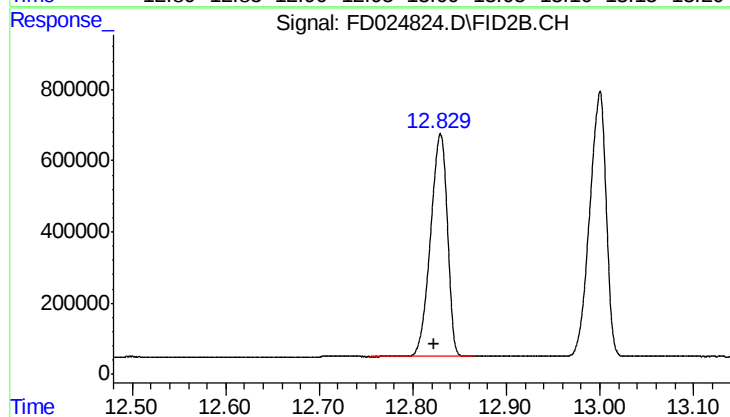
#10 n-Eicosane (C20)

R.T.: 12.389 min  
Delta R.T.: 0.006 min  
Response: 9360419  
Conc: 97.10 ug/ml



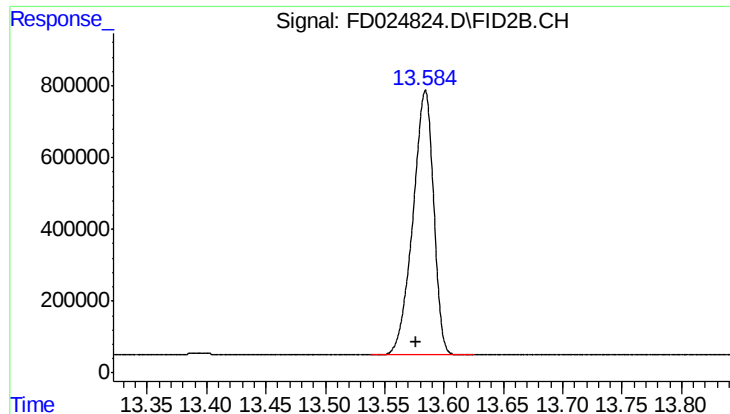
#11 n-Heneicosane (C21)

R.T.: 13.000 min  
Delta R.T.: 0.006 min  
Response: 9103662  
Conc: 96.99 ug/ml



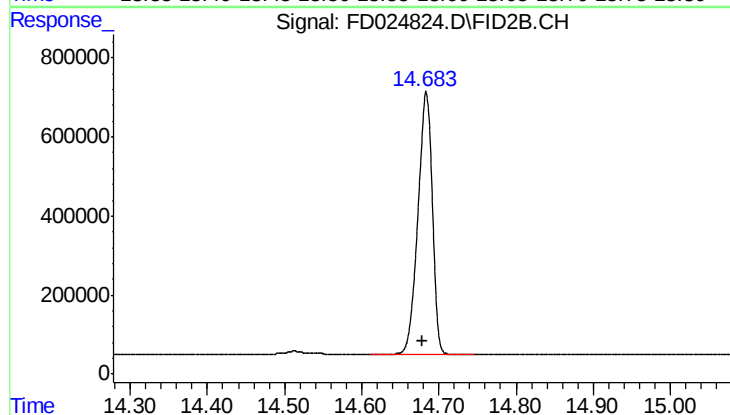
#12 1-chlorooctadecane (SURR)

R.T.: 12.829 min  
Delta R.T.: 0.007 min  
Response: 7844513  
Conc: 98.11 ug/ml



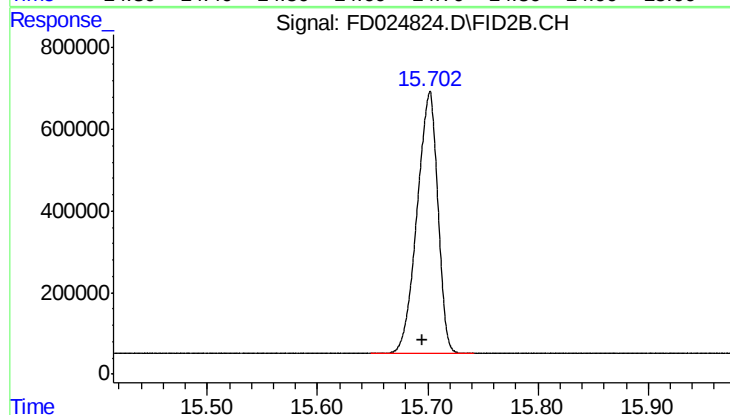
#13 n-Docosane (C22)

R.T.: 13.584 min  
Delta R.T.: 0.007 min  
Response: 8958373  
Conc: 96.46 ug/ml



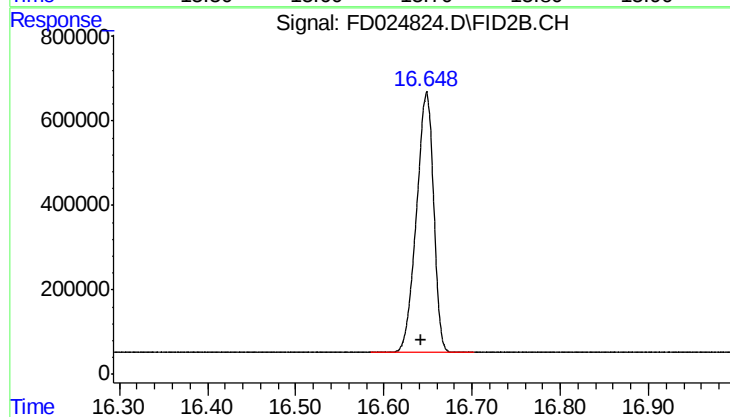
#14 n-Tetracosane (C24)

R.T.: 14.684 min  
Delta R.T.: 0.005 min  
Response: 8617864  
Conc: 94.53 ug/ml



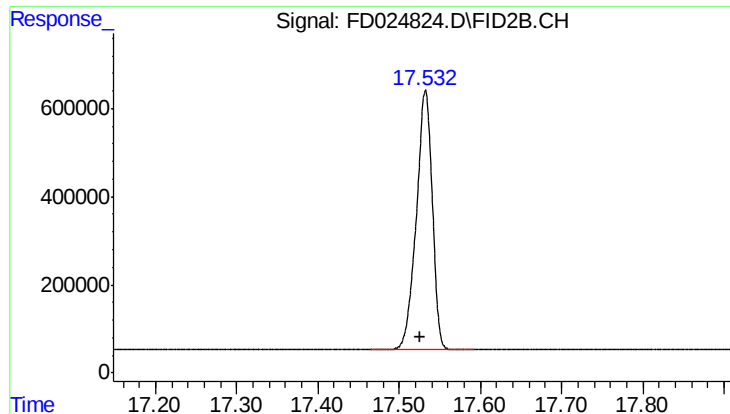
#15 n-Hexacosane (C26)

R.T.: 15.701 min  
Delta R.T.: 0.006 min  
Response: 8382490  
Conc: 93.13 ug/ml



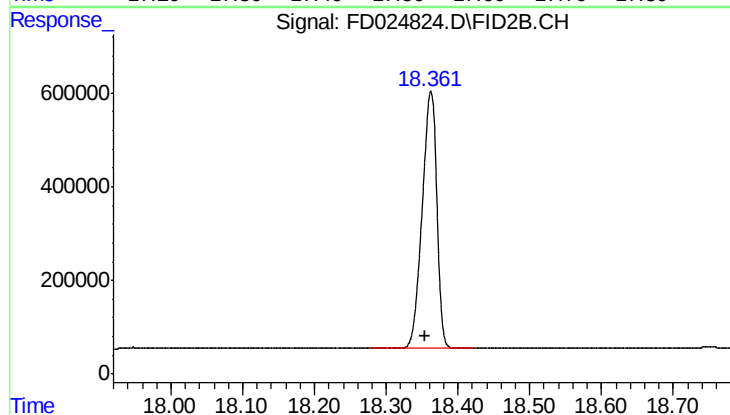
#16 n-Octacosane (C28)

R.T.: 16.648 min  
Delta R.T.: 0.006 min  
Response: 8330113  
Conc: 93.23 ug/ml



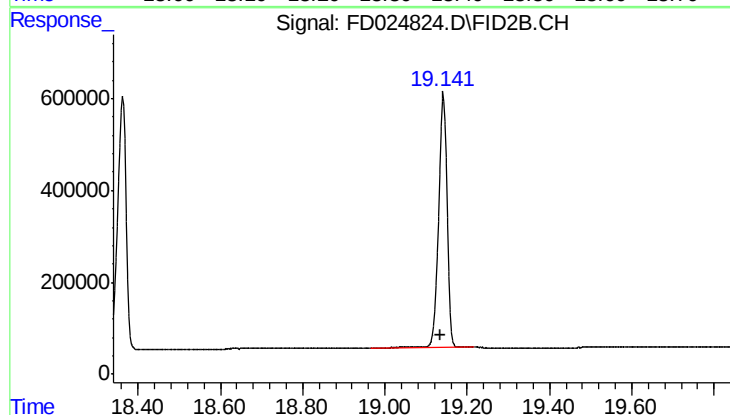
#17 n-Tricontane (C30)

R.T.: 17.532 min  
Delta R.T.: 0.007 min  
Response: 8033344  
Conc: 92.10 ug/ml



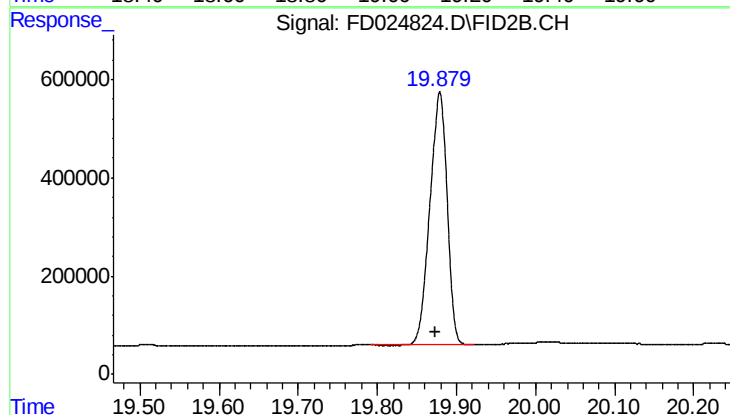
#18 n-Dotriacontane (C32)

R.T.: 18.362 min  
Delta R.T.: 0.007 min  
Response: 7799007  
Conc: 92.67 ug/ml



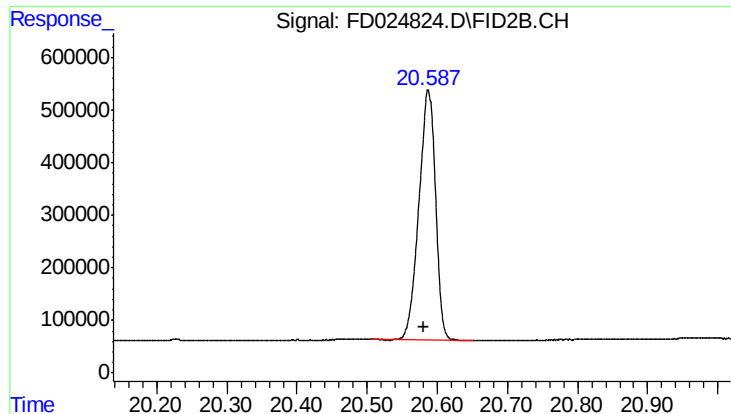
#19 n-Tetratriacontane (C34)

R.T.: 19.142 min  
Delta R.T.: 0.006 min  
Response: 7936640  
Conc: 93.33 ug/ml



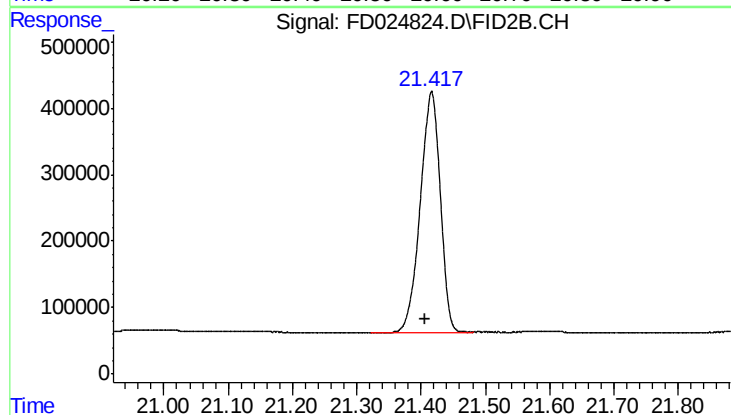
#20 n-Hexatriacontane (C36)

R.T.: 19.879 min  
Delta R.T.: 0.005 min  
Response: 7760228  
Conc: 92.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.587 min  
Delta R.T.: 0.007 min  
Response: 7844700  
Conc: 92.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.417 min  
Delta R.T.: 0.010 min  
Response: 7816287  
Conc: 92.17 ug/ml