

Data Path : P:\HPCHEM1\FID D\Data\FD050118AL\  
 Data File : FD023380.D  
 Signal(s) : FID2B.CH  
 Acq On : 01 May 2018 19:26  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 02 05:08:40 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 041718.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 18 01:21:26 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)    | 11.132 | 2084164    | 16.057 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.11%        |
| 12) S 1-chlorooctadecane (S... | 12.570 | 1696004    | 15.881 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 31.76%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.002  | 2018551    | 16.401 ug/ml  |
| 2) T n-Decane (C10)            | 4.046  | 2047254    | 16.365 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.607  | 2123246    | 16.811 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.040  | 2079526    | 16.158 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 6.654  | 1973863    | 15.611 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.818  | 2062263    | 15.811 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.404  | 2027934    | 15.713 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.833 | 1952534    | 15.612 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.131 | 1963454    | 15.795 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.738 | 1947041    | 15.917 ug/ml  |
| 13) T n-Docosane (C22)         | 13.320 | 1961364    | 16.169 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.415 | 1943770    | 16.405 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.429 | 1926212    | 16.542 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.372 | 1960705    | 16.647 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.255 | 1915191    | 16.406 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.083 | 1935419    | 15.997 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.862 | 1985781    | 16.361 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.598 | 2067189    | 17.091 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.297 | 2058540    | 16.872 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.042 | 2018056    | 16.003 ug/ml  |
| -----                          |        |            |               |

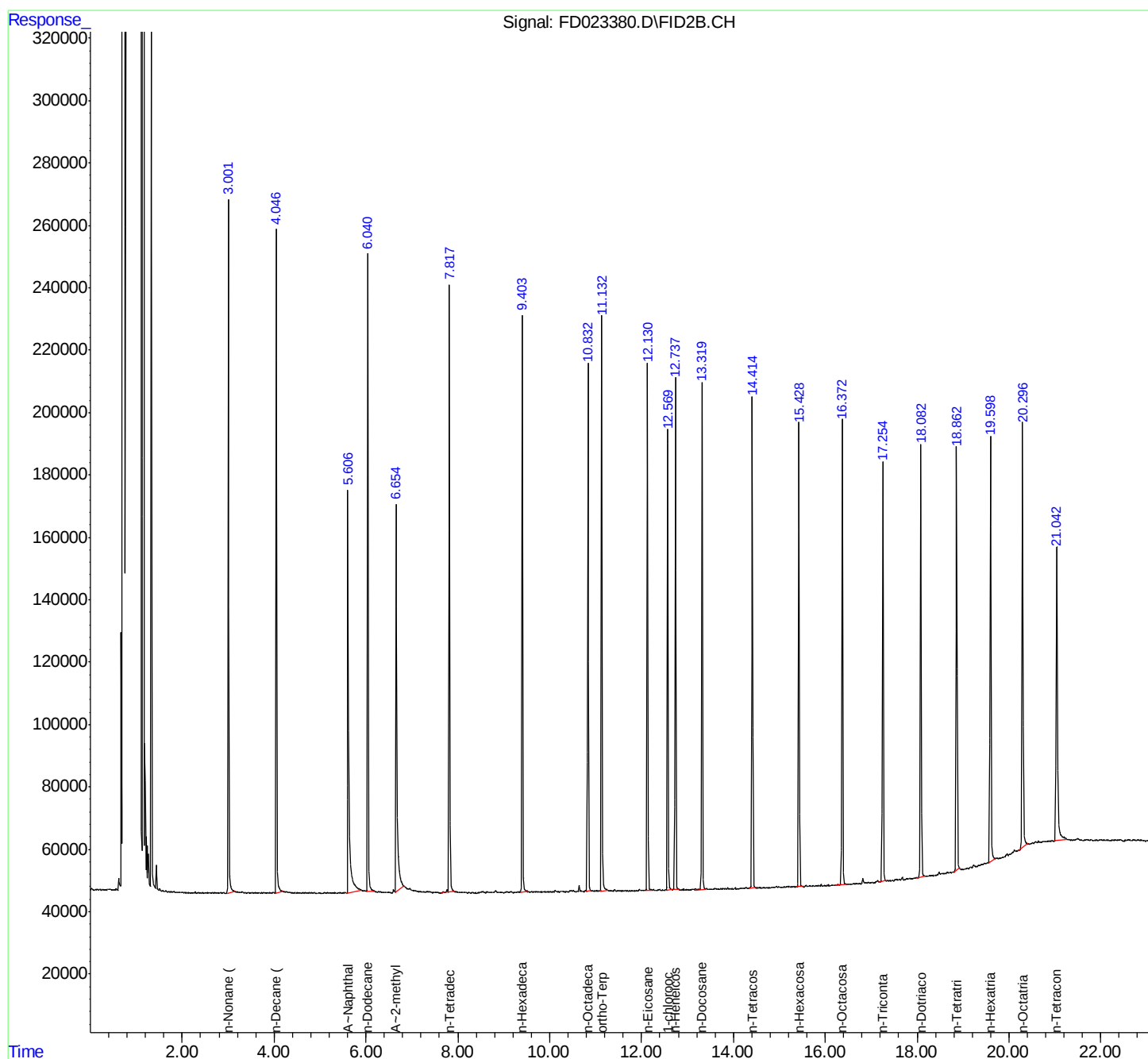
(f)=RT Delta > 1/2 Window

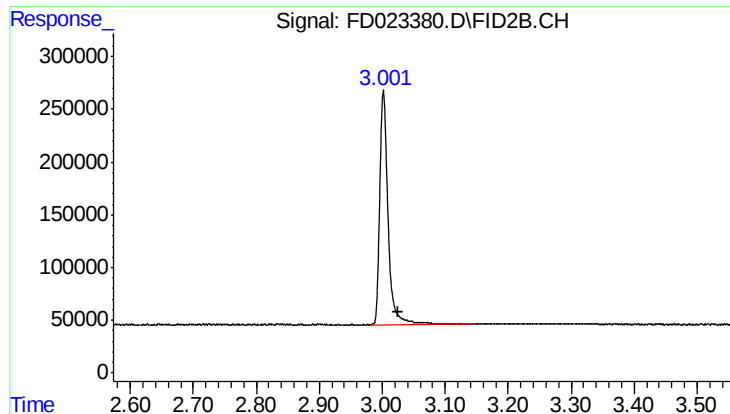
(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

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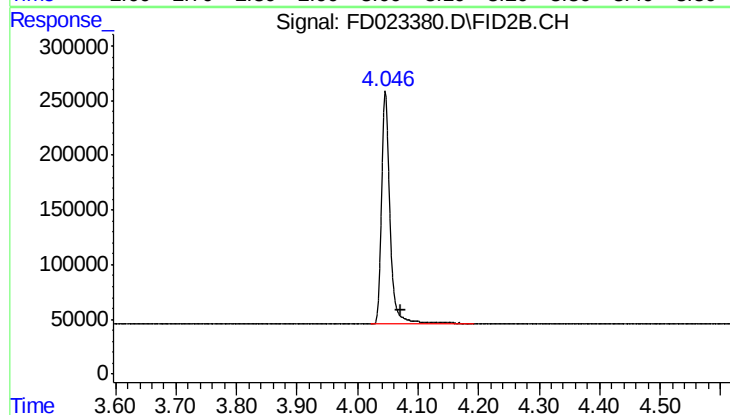
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





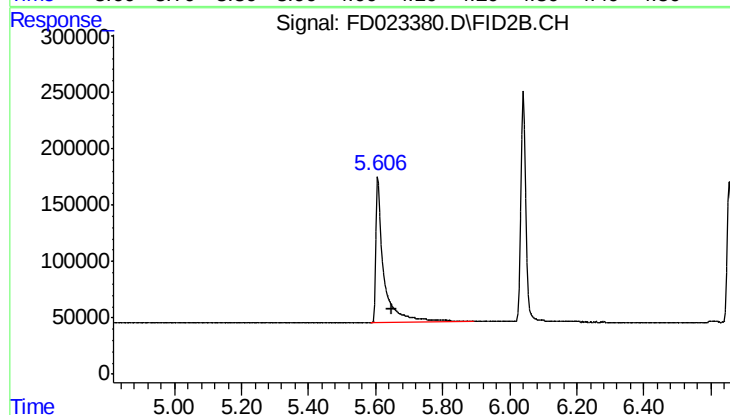
#1 n-Nonane (C9)

R.T.: 3.002 min  
Delta R.T.: -0.022 min  
Response: 2018551  
Conc: 16.40 ug/ml



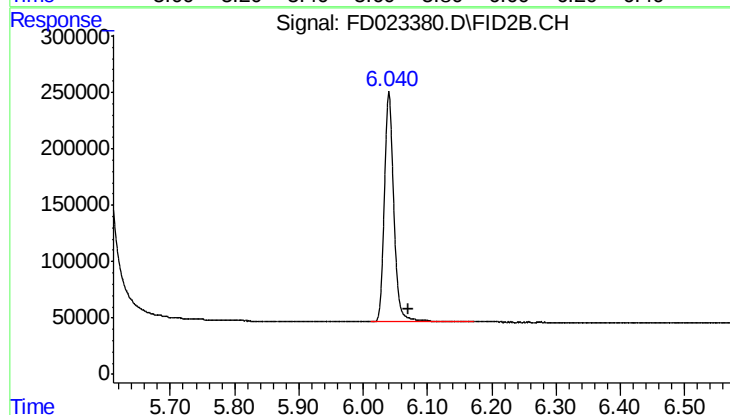
#2 n-Decane (C10)

R.T.: 4.046 min  
Delta R.T.: -0.025 min  
Response: 2047254  
Conc: 16.36 ug/ml



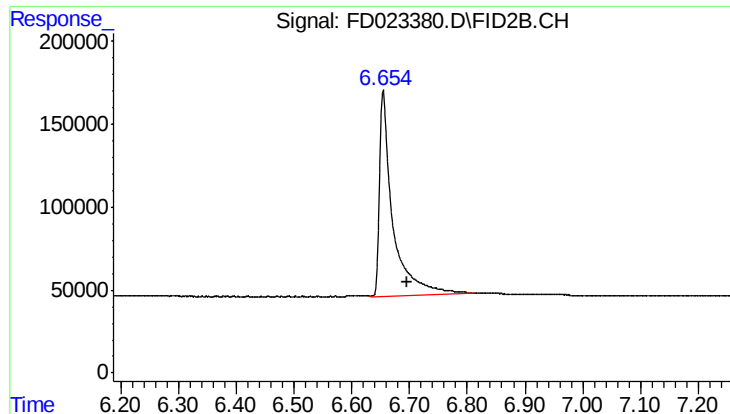
#3 A-Naphthalene (C11.7)

R.T.: 5.607 min  
Delta R.T.: -0.040 min  
Response: 2123246  
Conc: 16.81 ug/ml



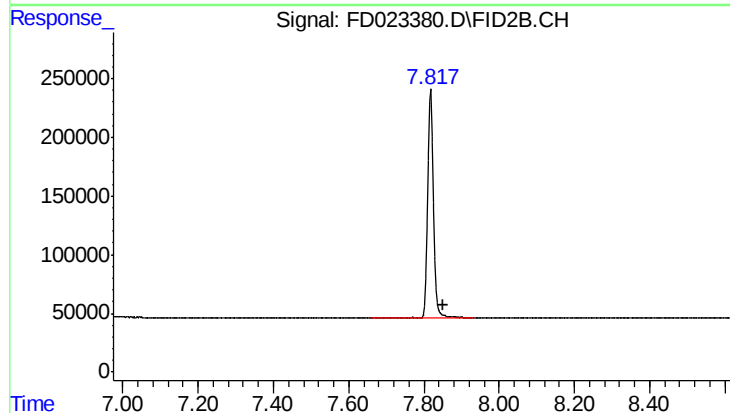
#4 n-Dodecane (C12)

R.T.: 6.040 min  
Delta R.T.: -0.030 min  
Response: 2079526  
Conc: 16.16 ug/ml



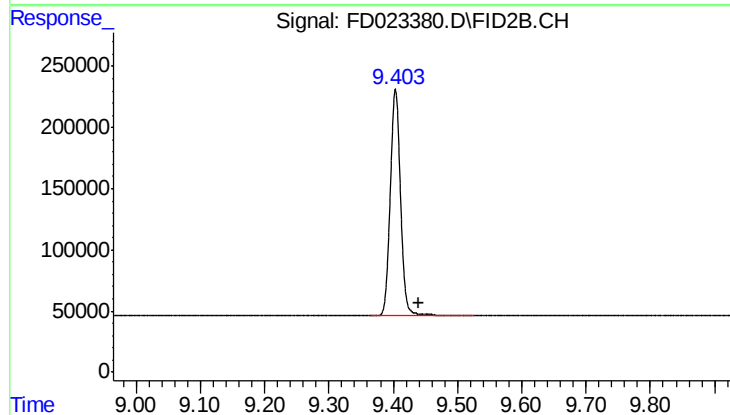
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.654 min  
Delta R.T.: -0.043 min  
Response: 1973863  
Conc: 15.61 ug/ml m



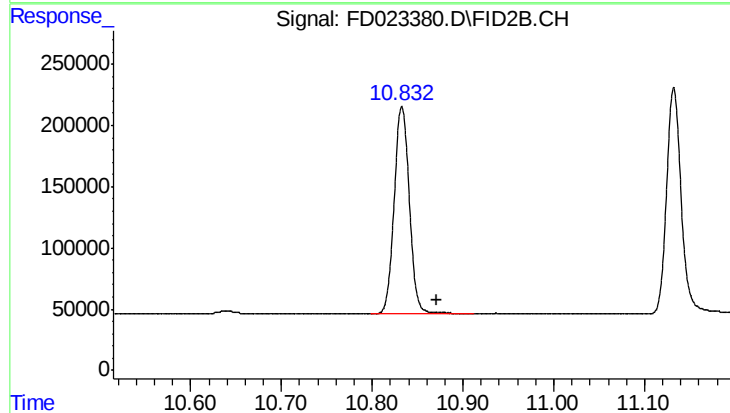
#6 n-Tetradecane (C14)

R.T.: 7.818 min  
Delta R.T.: -0.033 min  
Response: 2062263  
Conc: 15.81 ug/ml



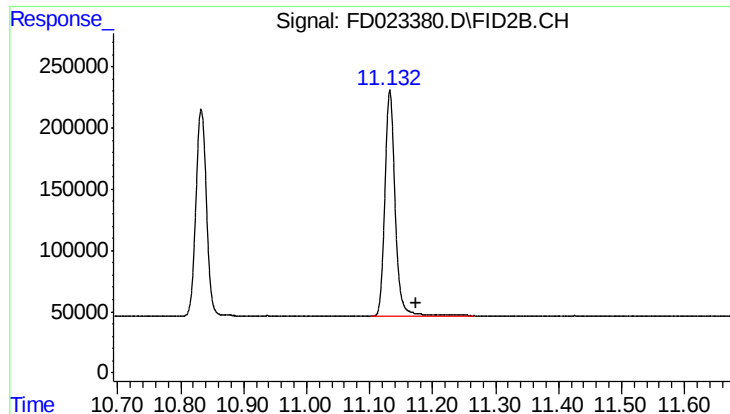
#7 n-Hexadecane (C16)

R.T.: 9.404 min  
Delta R.T.: -0.036 min  
Response: 2027934  
Conc: 15.71 ug/ml



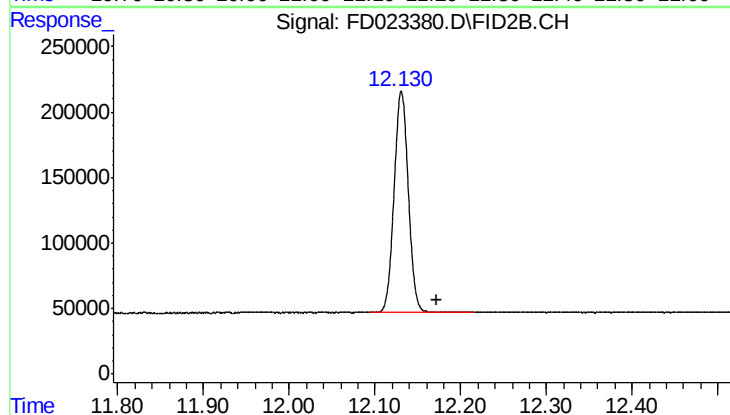
#8 n-Octadecane (C18)

R.T.: 10.833 min  
Delta R.T.: -0.038 min  
Response: 1952534  
Conc: 15.61 ug/ml



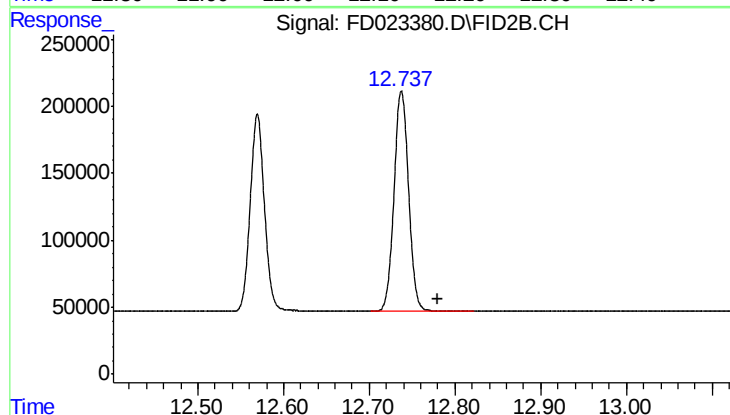
#9 ortho-Terphenyl (SURR)

R.T.: 11.132 min  
Delta R.T.: -0.041 min  
Response: 2084164  
Conc: 16.06 ug/ml



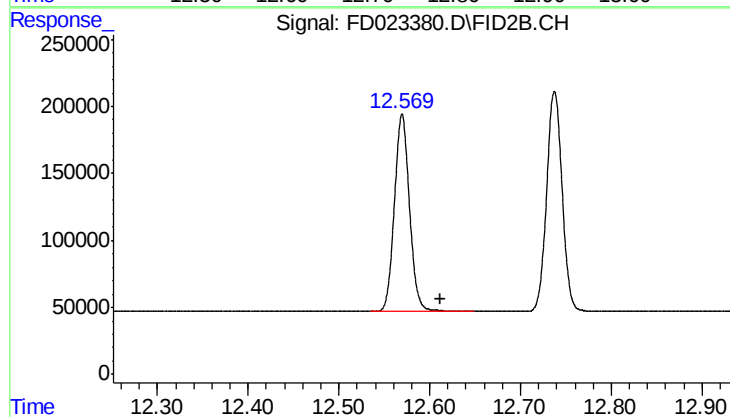
#10 n-Eicosane (C20)

R.T.: 12.131 min  
Delta R.T.: -0.041 min  
Response: 1963454  
Conc: 15.80 ug/ml



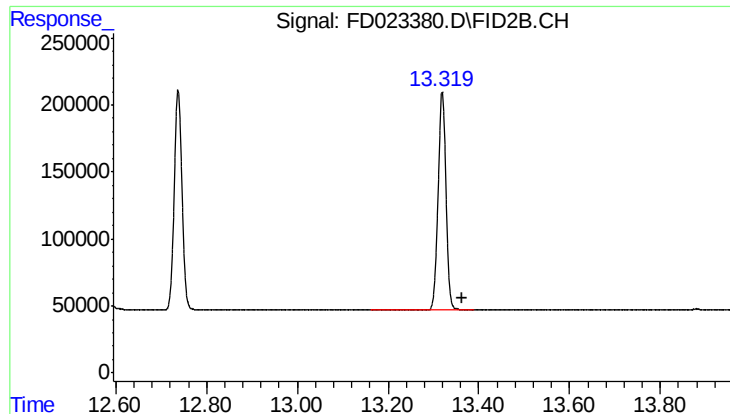
#11 n-Heneicosane (C21)

R.T.: 12.738 min  
Delta R.T.: -0.043 min  
Response: 1947041  
Conc: 15.92 ug/ml



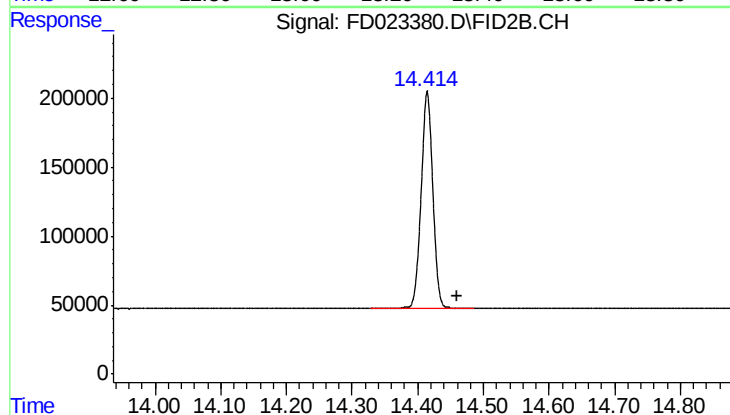
#12 1-chlorooctadecane (SURR)

R.T.: 12.570 min  
Delta R.T.: -0.043 min  
Response: 1696004  
Conc: 15.88 ug/ml



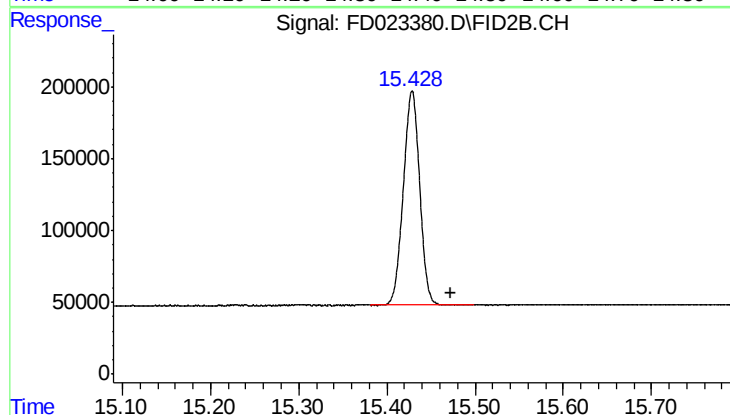
#13 n-Docosane (C22)

R.T.: 13.320 min  
Delta R.T.: -0.043 min  
Response: 1961364  
Conc: 16.17 ug/ml



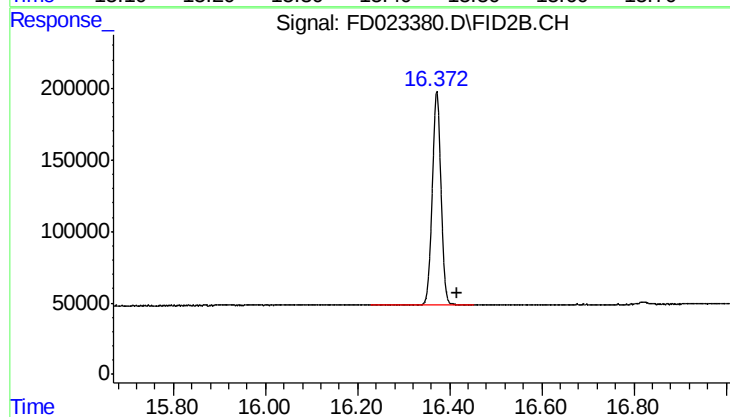
#14 n-Tetracosane (C24)

R.T.: 14.415 min  
Delta R.T.: -0.044 min  
Response: 1943770  
Conc: 16.41 ug/ml



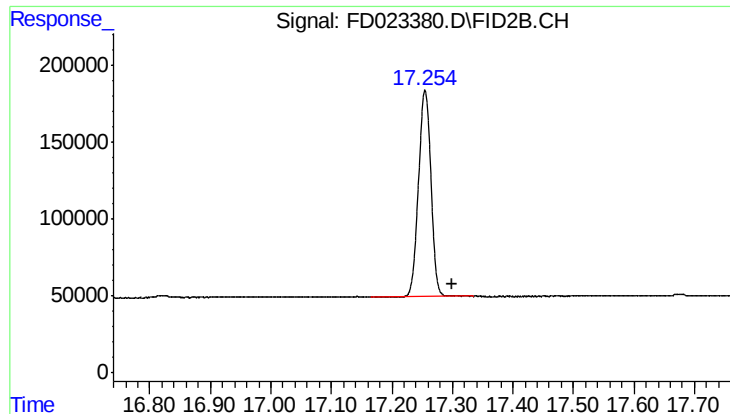
#15 n-Hexacosane (C26)

R.T.: 15.429 min  
Delta R.T.: -0.044 min  
Response: 1926212  
Conc: 16.54 ug/ml



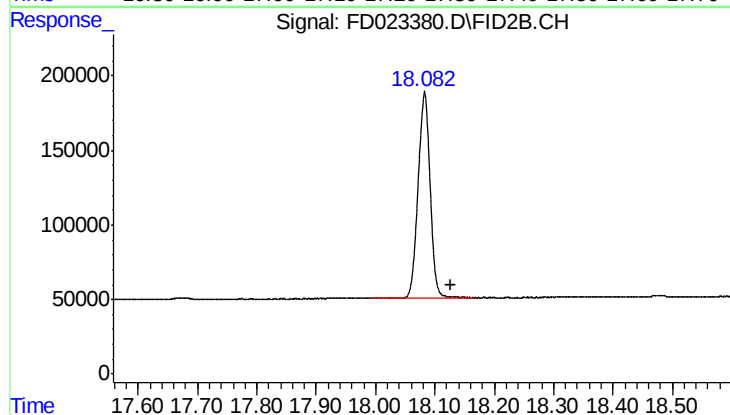
#16 n-Octacosane (C28)

R.T.: 16.372 min  
Delta R.T.: -0.045 min  
Response: 1960705  
Conc: 16.65 ug/ml



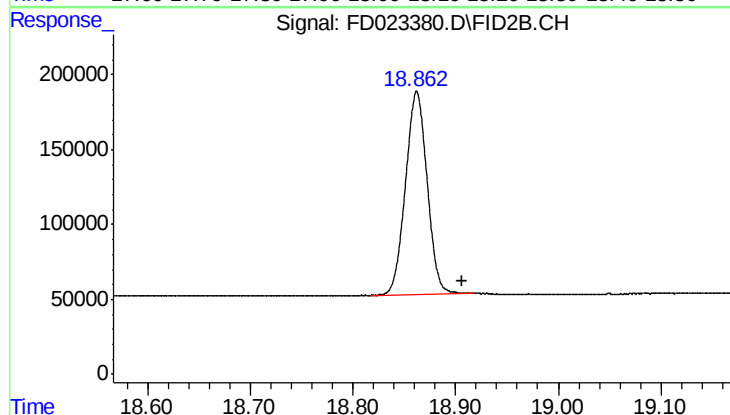
#17 n-Tricontane (C30)

R.T.: 17.255 min  
Delta R.T.: -0.044 min  
Response: 1915191  
Conc: 16.41 ug/ml



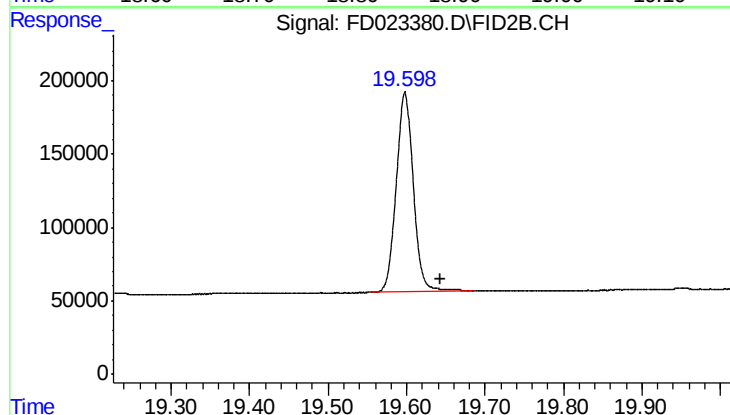
#18 n-Dotriacontane (C32)

R.T.: 18.083 min  
Delta R.T.: -0.045 min  
Response: 1935419  
Conc: 16.00 ug/ml



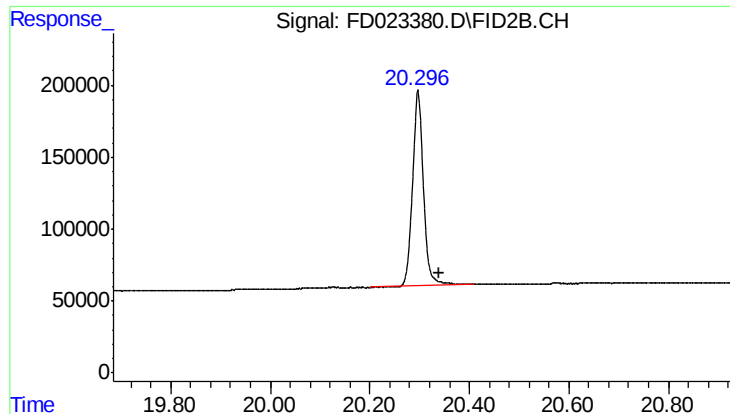
#19 n-Tetratriacontane (C34)

R.T.: 18.862 min  
Delta R.T.: -0.045 min  
Response: 1985781  
Conc: 16.36 ug/ml m



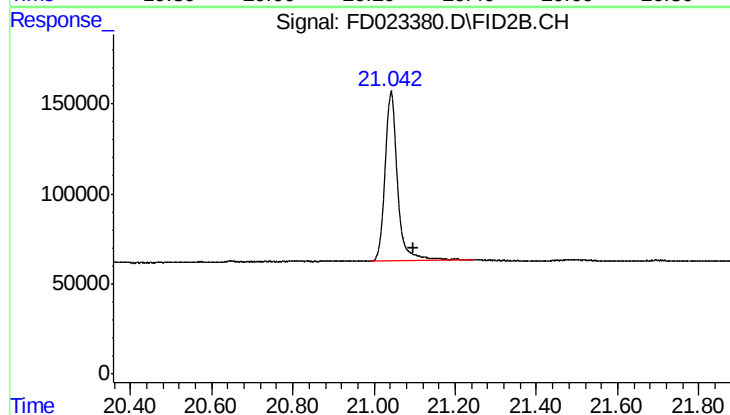
#20 n-Hexatriacontane (C36)

R.T.: 19.598 min  
Delta R.T.: -0.046 min  
Response: 2067189  
Conc: 17.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.297 min  
Delta R.T.: -0.042 min  
Response: 2058540  
Conc: 16.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.042 min  
Delta R.T.: -0.055 min  
Response: 2018056  
Conc: 16.00 ug/ml