

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120618AL\  
 Data File : FC038027.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Dec 2018 11:10  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Dec 06 11:52:39 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 111318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 14 03:04:33 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)    | 11.285 | 2361371    | 21.643 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.29%        |
| 12) S 1-chlorooctadecane (S... | 12.727 | 1739111    | 20.284 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.57%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.121  | 1529950    | 18.653 ug/ml  |
| 2) T n-Decane (C10)            | 4.181  | 1637245    | 19.870 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.743  | 2096274    | 22.467 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.187  | 1758021    | 20.689 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.791  | 2129636    | 22.418 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.967  | 1866357    | 20.871 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.556  | 1955059    | 21.075 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.988 | 1985188    | 20.207 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.290 | 2008942    | 20.105 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.898 | 1999506    | 20.230 ug/ml  |
| 13) T n-Docosane (C22)         | 13.482 | 2012030    | 20.060 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.579 | 2016114    | 19.843 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.595 | 1999448    | 19.766 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.541 | 2071005    | 20.701 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.425 | 2217889    | 22.584 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.254 | 2170219    | 23.619 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.034 | 1799351    | 22.497 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.769 | 1522429    | 21.168 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.470 | 1384315    | 19.673 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.274 | 1344186    | 18.774 ug/mlm |
| -----                          |        |            |               |

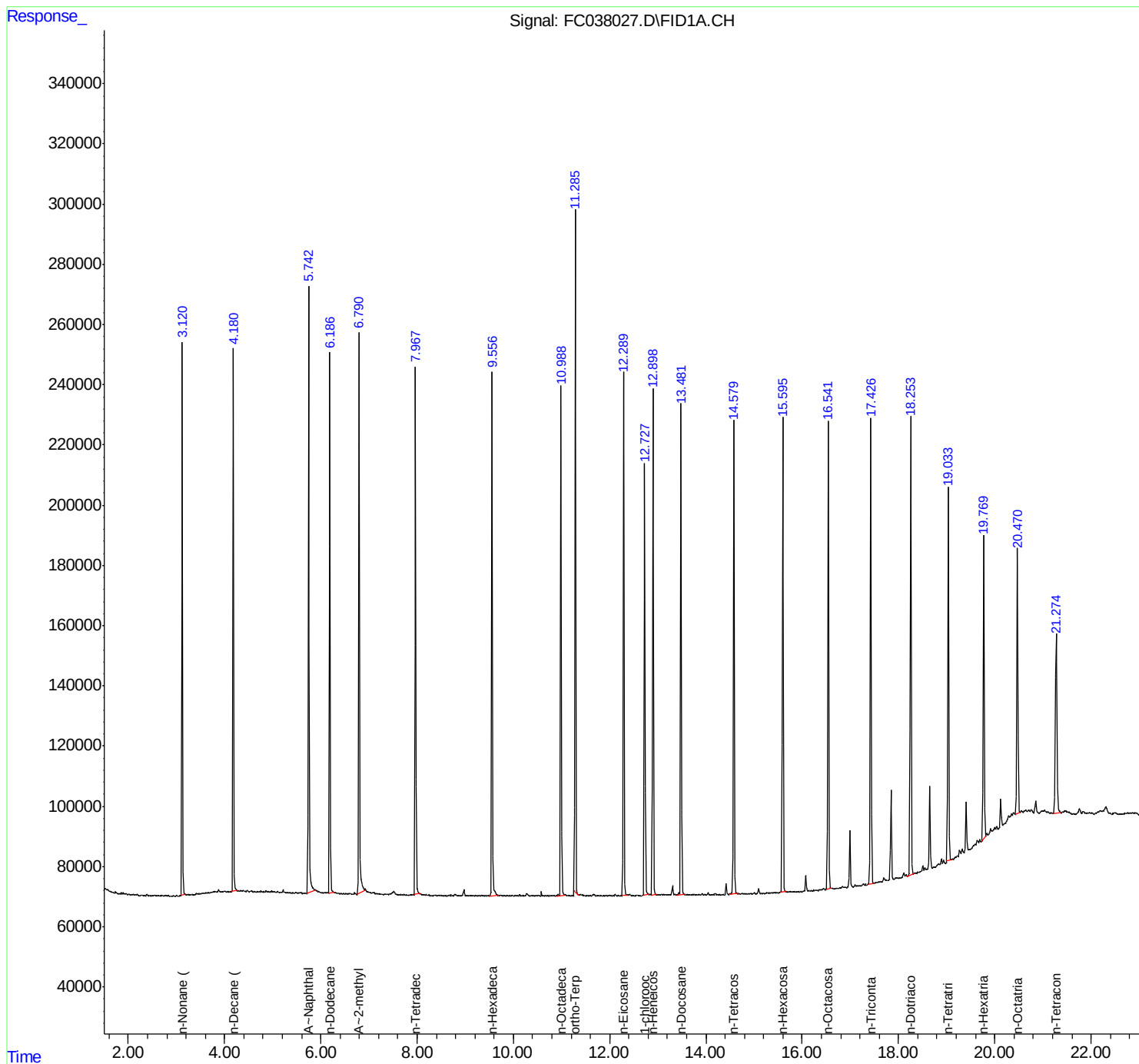
(f)=RT Delta > 1/2 Window

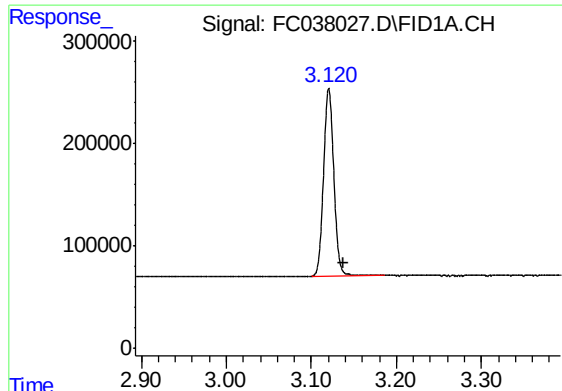
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120618AL\  
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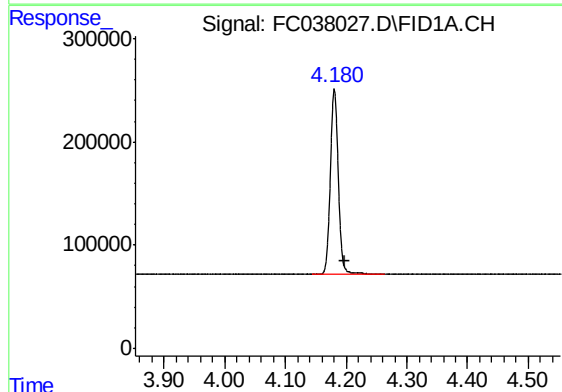
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





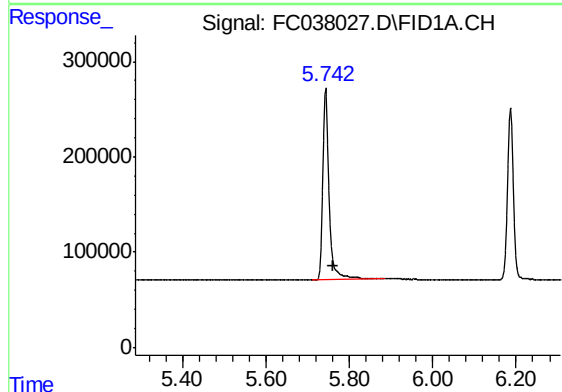
#1 n-Nonane (C9)

R.T.: 3.121 min  
Delta R.T.: -0.016 min  
Response: 1529950  
Conc: 18.65 ug/ml



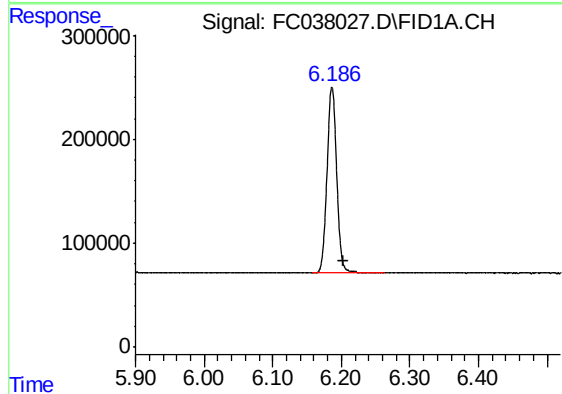
#2 n-Decane (C10)

R.T.: 4.181 min  
Delta R.T.: -0.016 min  
Response: 1637245  
Conc: 19.87 ug/ml



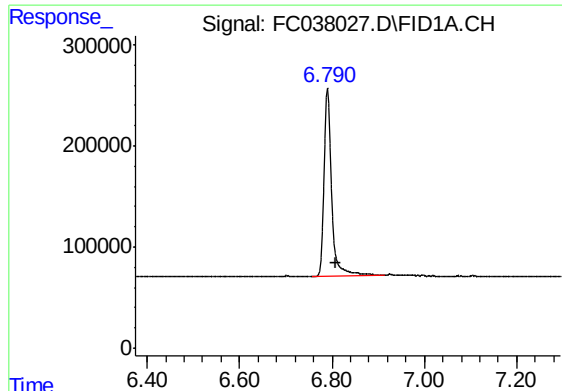
#3 A-Naphthalene (C11.7)

R.T.: 5.743 min  
Delta R.T.: -0.018 min  
Response: 2096274  
Conc: 22.47 ug/ml



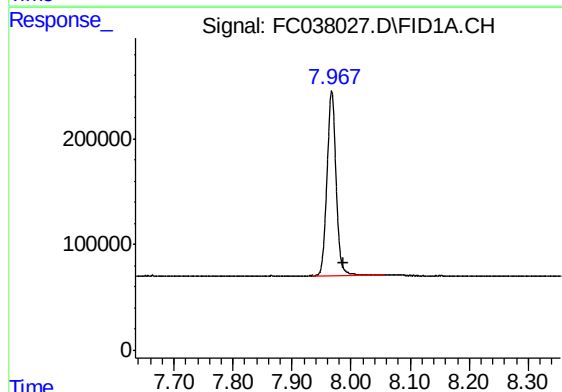
#4 n-Dodecane (C12)

R.T.: 6.187 min  
Delta R.T.: -0.017 min  
Response: 1758021  
Conc: 20.69 ug/ml



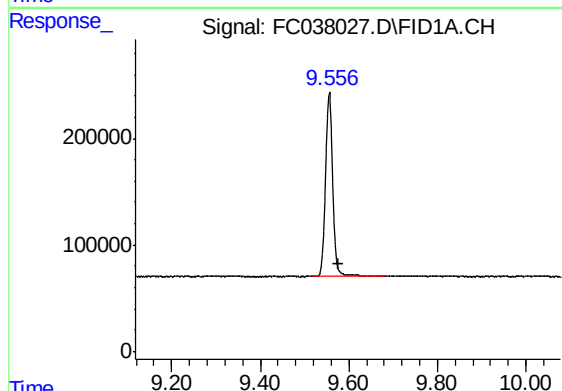
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.791 min  
Delta R.T.: -0.018 min  
Response: 2129636  
Conc: 22.42 ug/ml



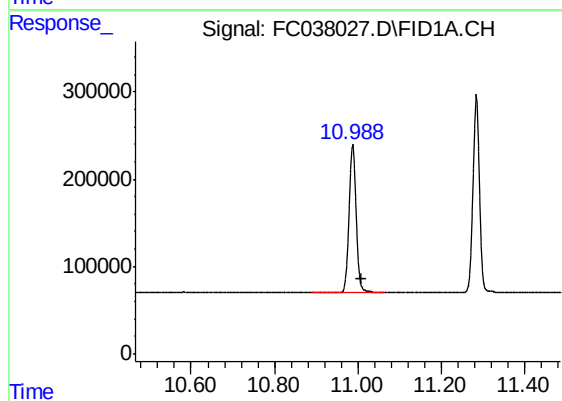
#6 n-Tetradecane (C14)

R.T.: 7.967 min  
Delta R.T.: -0.019 min  
Response: 1866357  
Conc: 20.87 ug/ml



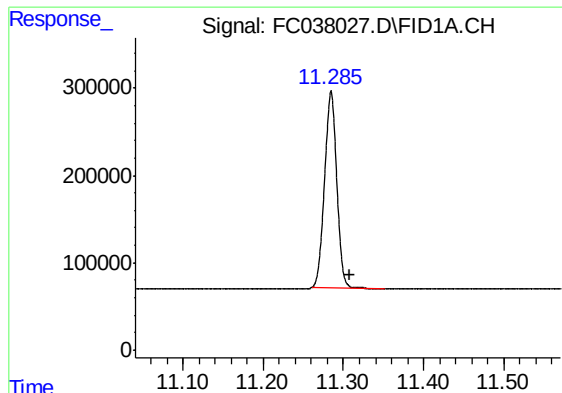
#7 n-Hexadecane (C16)

R.T.: 9.556 min  
Delta R.T.: -0.021 min  
Response: 1955059  
Conc: 21.07 ug/ml



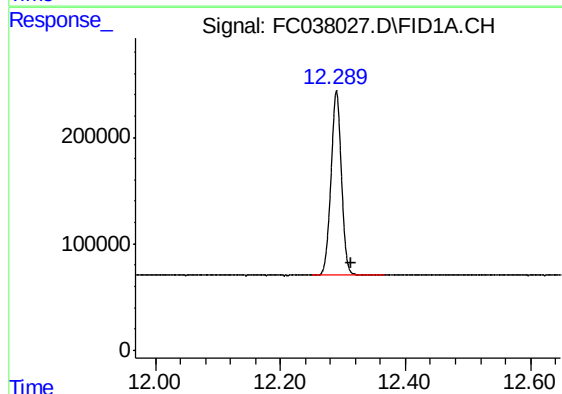
#8 n-Octadecane (C18)

R.T.: 10.988 min  
Delta R.T.: -0.022 min  
Response: 1985188  
Conc: 20.21 ug/ml



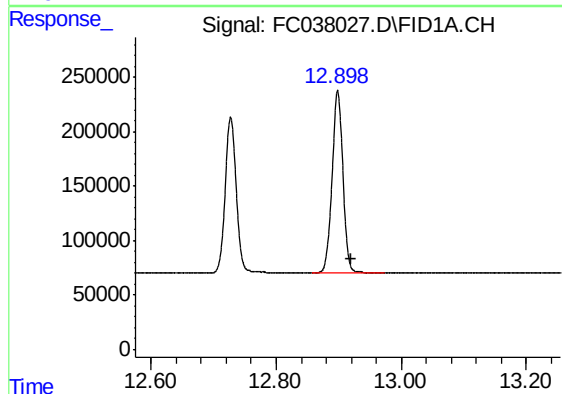
#9 ortho-Terphenyl (SURR)

R.T.: 11.285 min  
Delta R.T.: -0.024 min  
Response: 2361371  
Conc: 21.64 ug/ml



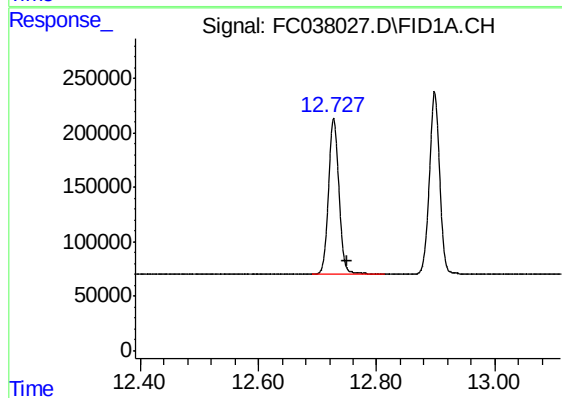
#10 n-Eicosane (C20)

R.T.: 12.290 min  
Delta R.T.: -0.022 min  
Response: 2008942  
Conc: 20.11 ug/ml



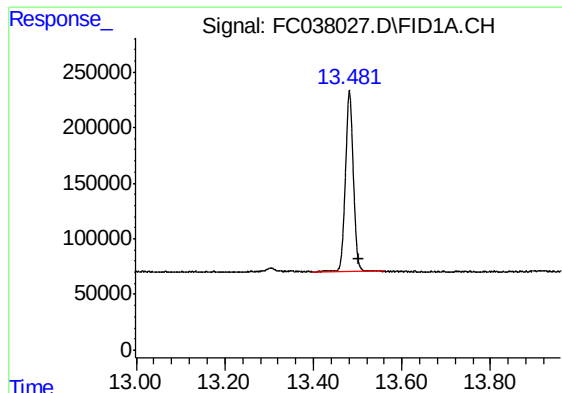
#11 n-Heneicosane (C21)

R.T.: 12.898 min  
Delta R.T.: -0.022 min  
Response: 1999506  
Conc: 20.23 ug/ml



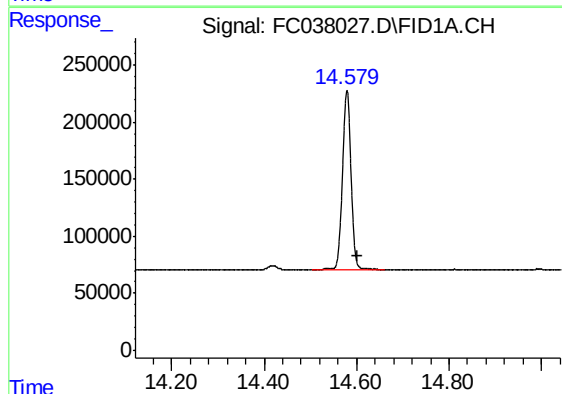
#12 1-chlorooctadecane (SURR)

R.T.: 12.727 min  
Delta R.T.: -0.023 min  
Response: 1739111  
Conc: 20.28 ug/ml



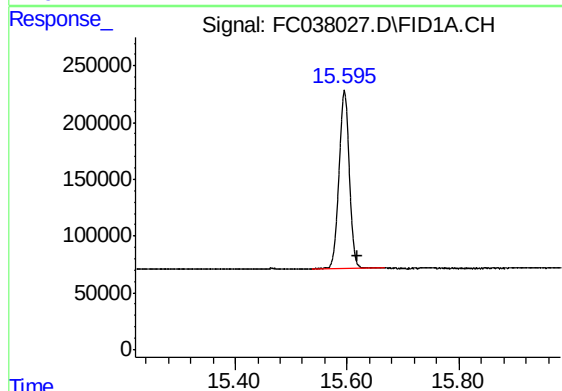
#13 n-Docosane (C22)

R.T.: 13.482 min  
Delta R.T.: -0.022 min  
Response: 2012030  
Conc: 20.06 ug/ml



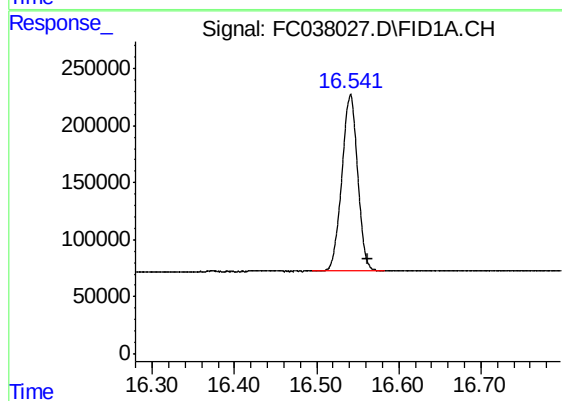
#14 n-Tetracosane (C24)

R.T.: 14.579 min  
Delta R.T.: -0.022 min  
Response: 2016114  
Conc: 19.84 ug/ml



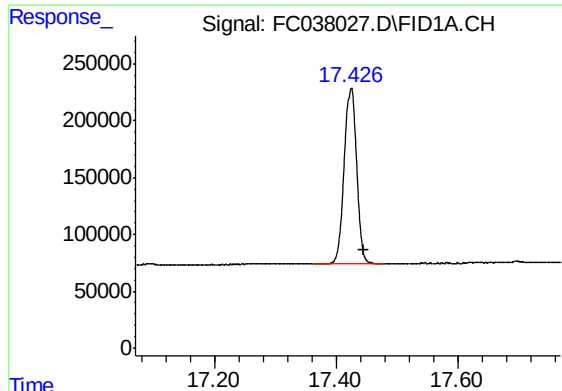
#15 n-Hexacosane (C26)

R.T.: 15.595 min  
Delta R.T.: -0.023 min  
Response: 1999448  
Conc: 19.77 ug/ml



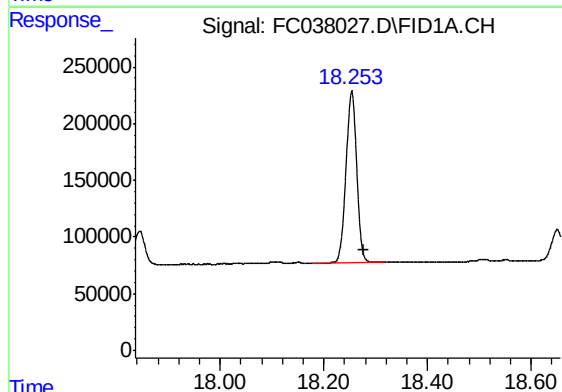
#16 n-Octacosane (C28)

R.T.: 16.541 min  
Delta R.T.: -0.021 min  
Response: 2071005  
Conc: 20.70 ug/ml m



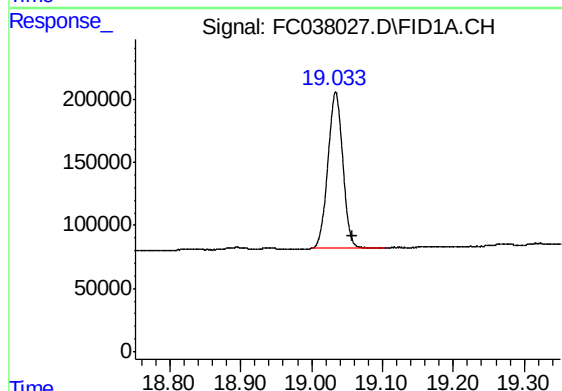
#17 n-Tricontane (C30)

R.T.: 17.425 min  
Delta R.T.: -0.022 min  
Response: 2217889  
Conc: 22.58 ug/ml



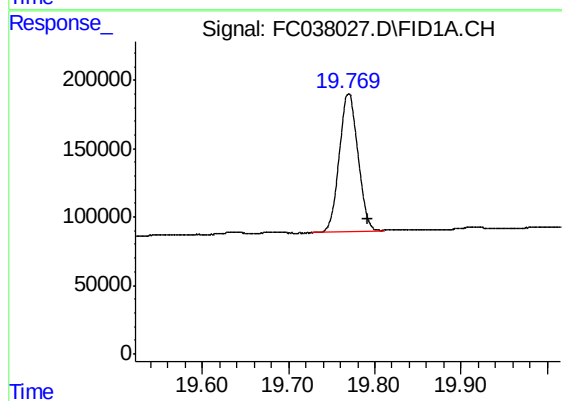
#18 n-Dotriacontane (C32)

R.T.: 18.254 min  
Delta R.T.: -0.023 min  
Response: 2170219  
Conc: 23.62 ug/ml



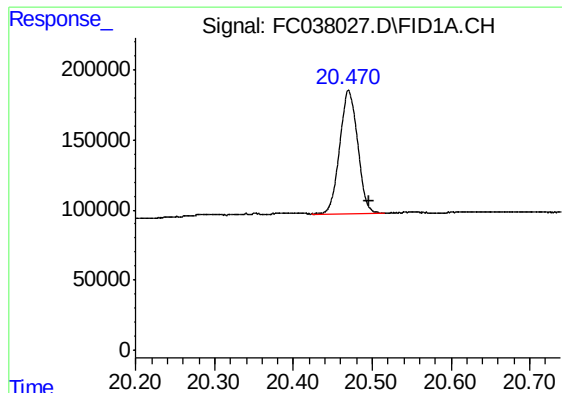
#19 n-Tetratriacontane (C34)

R.T.: 19.034 min  
Delta R.T.: -0.023 min  
Response: 1799351  
Conc: 22.50 ug/ml



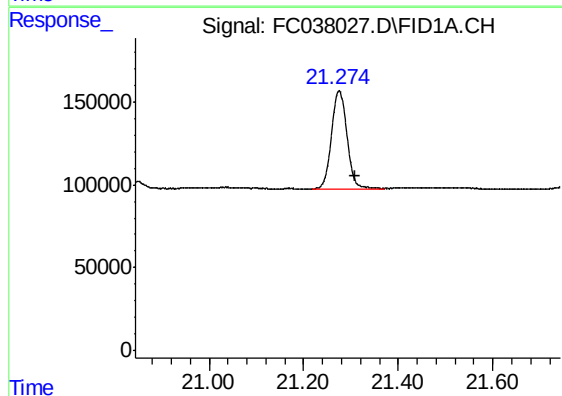
#20 n-Hexatriacontane (C36)

R.T.: 19.769 min  
Delta R.T.: -0.023 min  
Response: 1522429  
Conc: 21.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.470 min  
Delta R.T.: -0.026 min  
Response: 1384315  
Conc: 19.67 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.274 min  
Delta R.T.: -0.034 min  
Response: 1344186  
Conc: 18.77 ug/ml m