

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090919AL\  
 Data File : FD030590.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Sep 2019 3:57  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Sep 10 07:58:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 090319.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 04:22:49 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)    | 11.495 | 2673999    | 18.384 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.77%        |
| 12) S 1-chlorooctadecane (S... | 12.923 | 2004057    | 18.350 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.70%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.311  | 2353378    | 18.854 ug/ml  |
| 2) T n-Decane (C10)            | 4.370  | 2374989    | 18.982 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.944  | 2666181    | 19.013 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.376  | 2407569    | 19.030 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.994  | 2707105    | 19.101 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.160  | 2417642    | 18.997 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.751  | 2416756    | 18.934 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.183 | 2397056    | 18.699 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.482 | 2355866    | 18.486 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.089 | 2354619    | 18.406 ug/ml  |
| 13) T n-Docosane (C22)         | 13.671 | 2318522    | 18.203 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.765 | 2269437    | 17.872 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.778 | 2172644    | 17.467 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.719 | 2088436    | 17.129 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.600 | 2051201    | 17.253 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.425 | 1982986    | 17.294 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.200 | 1956087    | 18.018 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.935 | 1928111    | 18.783 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.642 | 1945012    | 20.045 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.491 | 1918082    | 18.706 ug/mlm |
| -----                          |        |            |               |

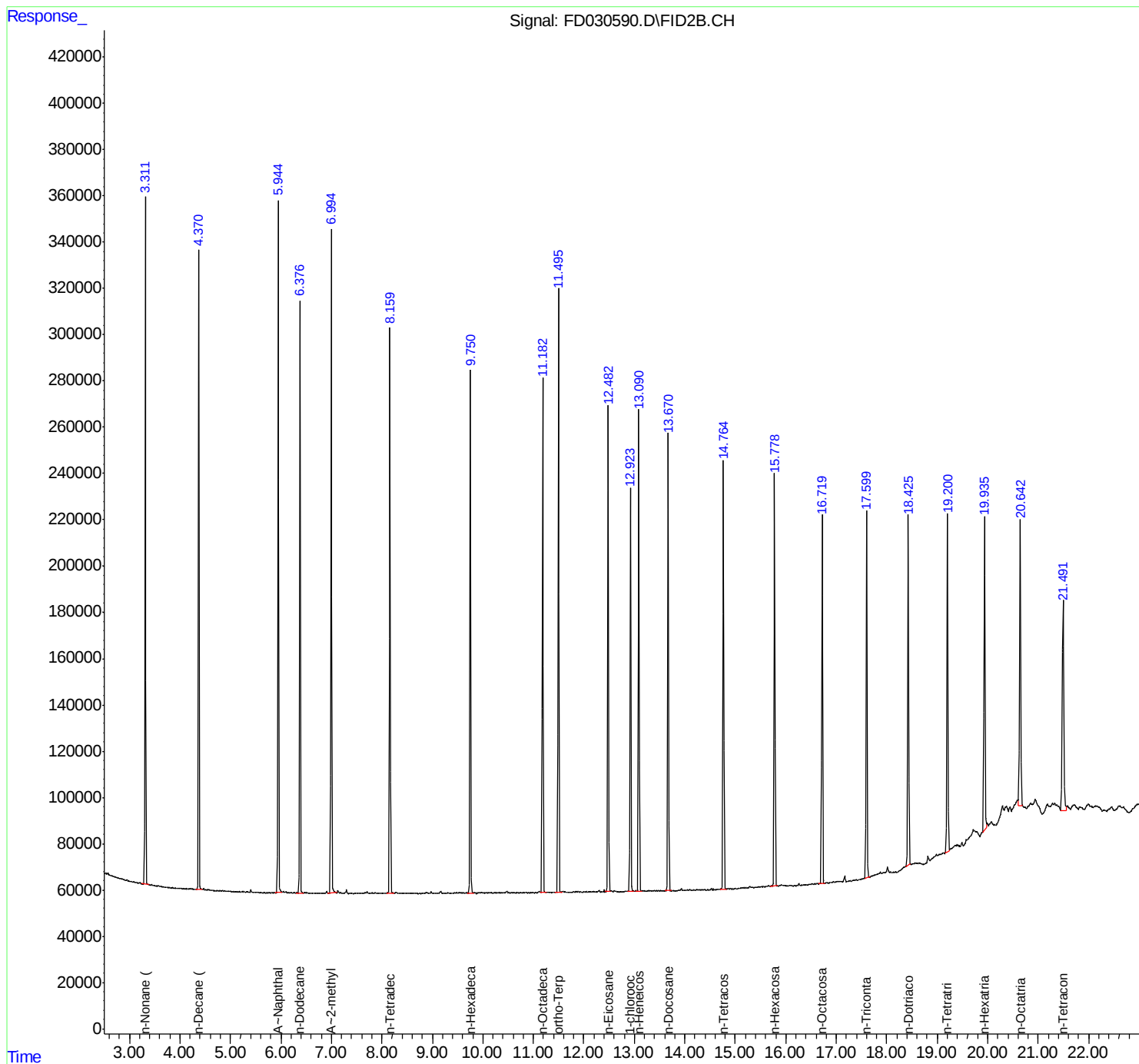
(f)=RT Delta > 1/2 Window

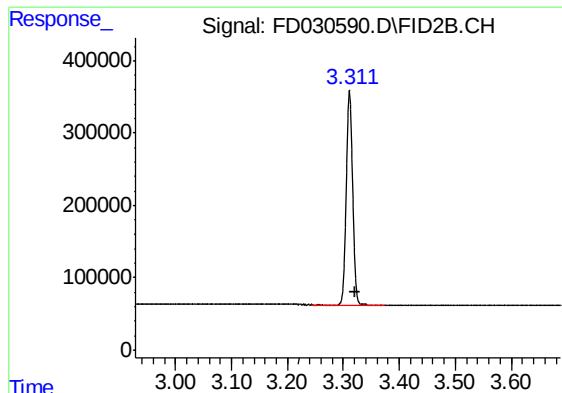
(m)=manual int.

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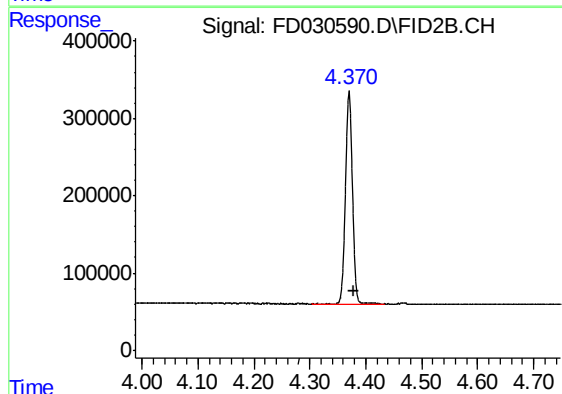
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Signal Info : 20M x 0.18mm x 0.18um





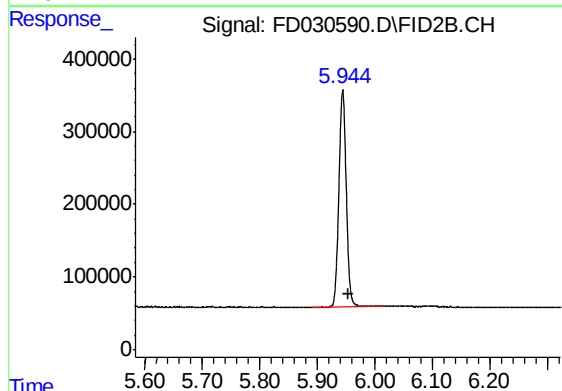
#1 n-Nonane (C9)

R.T.: 3.311 min  
Delta R.T.: -0.009 min  
Response: 2353378  
Conc: 18.85 ug/ml



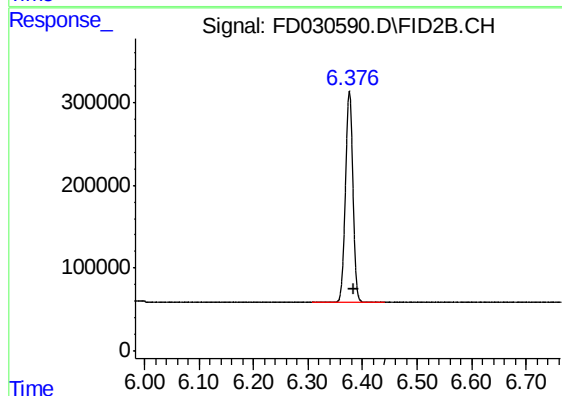
#2 n-Decane (C10)

R.T.: 4.370 min  
Delta R.T.: -0.008 min  
Response: 2374989  
Conc: 18.98 ug/ml



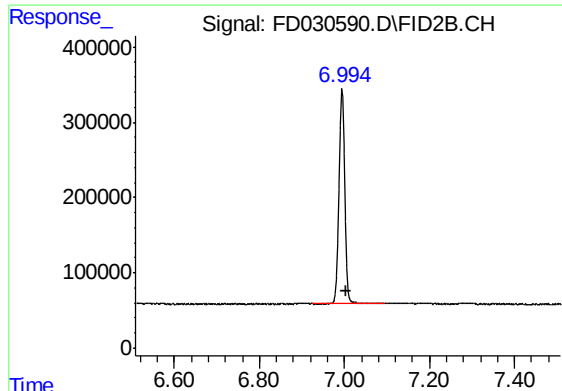
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min  
Delta R.T.: -0.009 min  
Response: 2666181  
Conc: 19.01 ug/ml



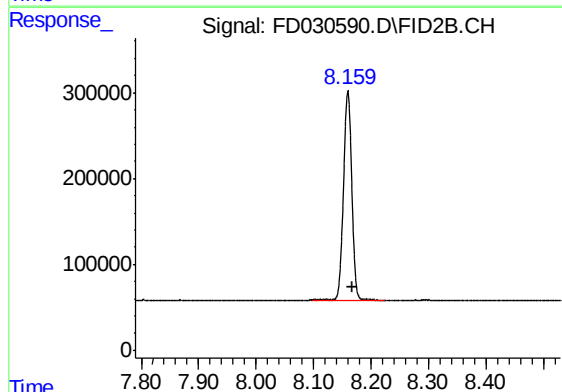
#4 n-Dodecane (C12)

R.T.: 6.376 min  
Delta R.T.: -0.008 min  
Response: 2407569  
Conc: 19.03 ug/ml



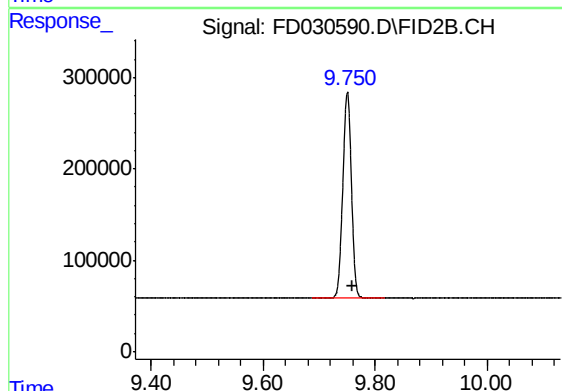
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min  
Delta R.T.: -0.008 min  
Response: 2707105  
Conc: 19.10 ug/ml



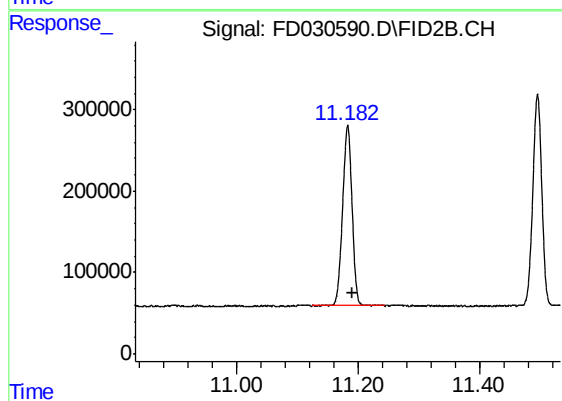
#6 n-Tetradecane (C14)

R.T.: 8.160 min  
Delta R.T.: -0.008 min  
Response: 2417642  
Conc: 19.00 ug/ml



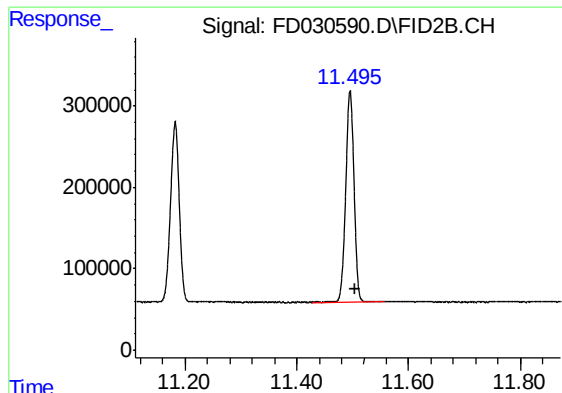
#7 n-Hexadecane (C16)

R.T.: 9.751 min  
Delta R.T.: -0.008 min  
Response: 2416756  
Conc: 18.93 ug/ml



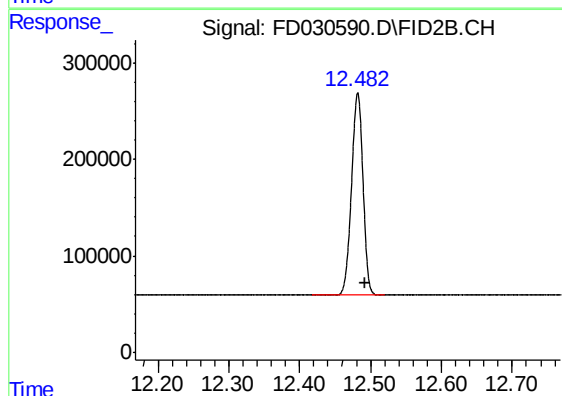
#8 n-Octadecane (C18)

R.T.: 11.183 min  
Delta R.T.: -0.009 min  
Response: 2397056  
Conc: 18.70 ug/ml



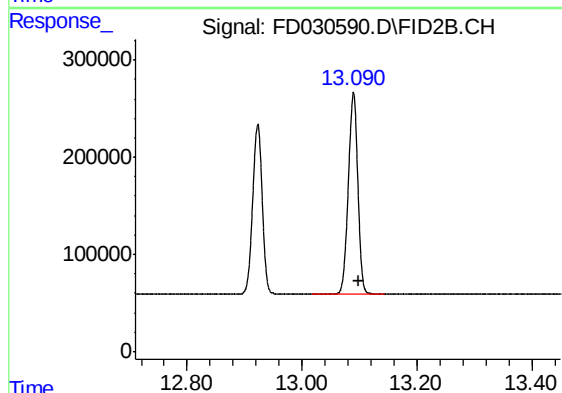
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min  
Delta R.T.: -0.010 min  
Response: 2673999  
Conc: 18.38 ug/ml



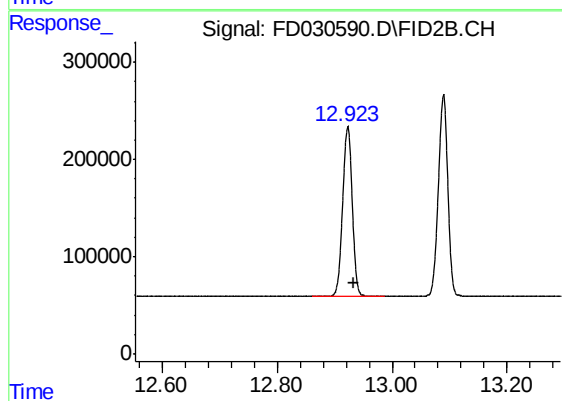
#10 n-Eicosane (C20)

R.T.: 12.482 min  
Delta R.T.: -0.010 min  
Response: 2355866  
Conc: 18.49 ug/ml



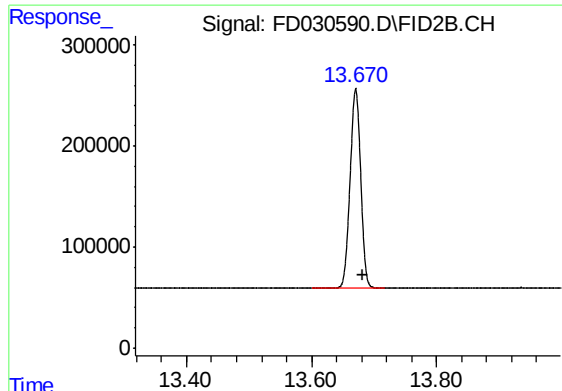
#11 n-Heneicosane (C21)

R.T.: 13.089 min  
Delta R.T.: -0.010 min  
Response: 2354619  
Conc: 18.41 ug/ml



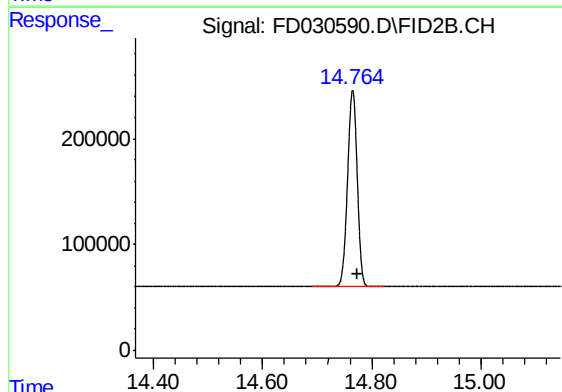
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min  
Delta R.T.: -0.010 min  
Response: 2004057  
Conc: 18.35 ug/ml



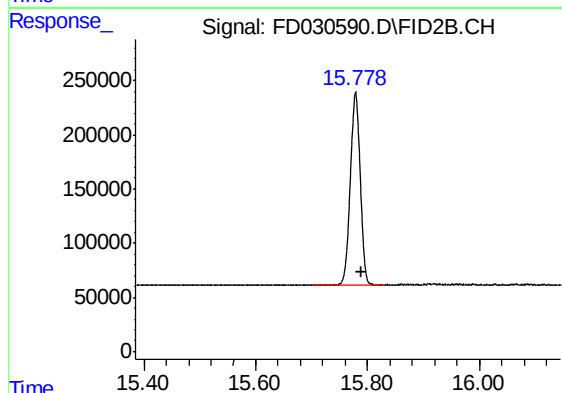
#13 n-Docosane (C22)

R.T.: 13.671 min  
Delta R.T.: -0.010 min  
Response: 2318522  
Conc: 18.20 ug/ml



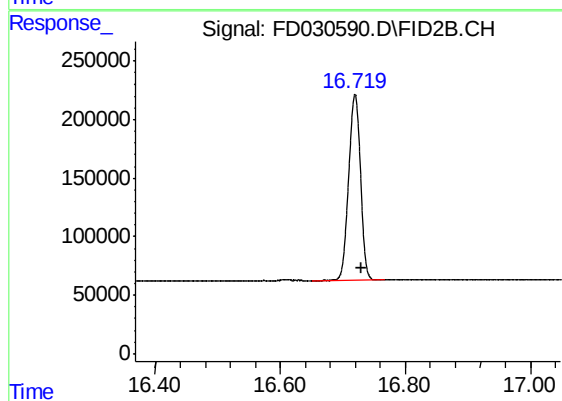
#14 n-Tetracosane (C24)

R.T.: 14.765 min  
Delta R.T.: -0.010 min  
Response: 2269437  
Conc: 17.87 ug/ml



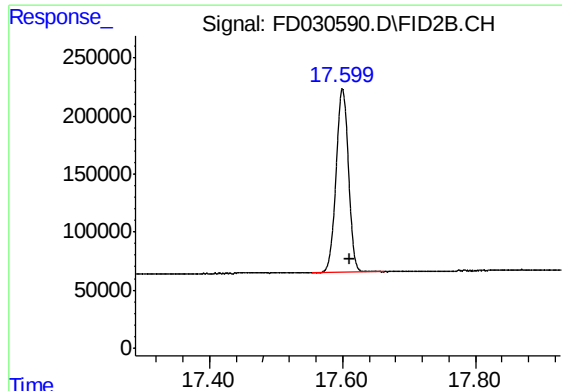
#15 n-Hexacosane (C26)

R.T.: 15.778 min  
Delta R.T.: -0.010 min  
Response: 2172644  
Conc: 17.47 ug/ml



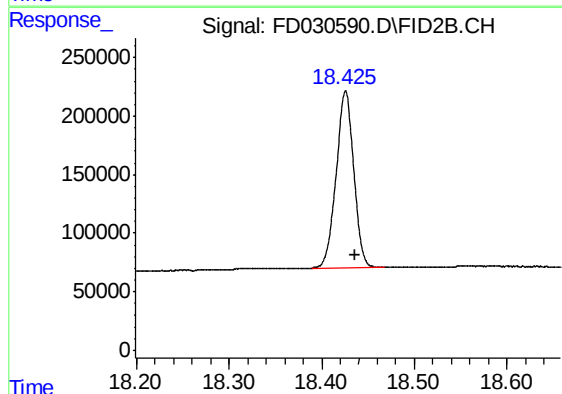
#16 n-Octacosane (C28)

R.T.: 16.719 min  
Delta R.T.: -0.011 min  
Response: 2088436  
Conc: 17.13 ug/ml



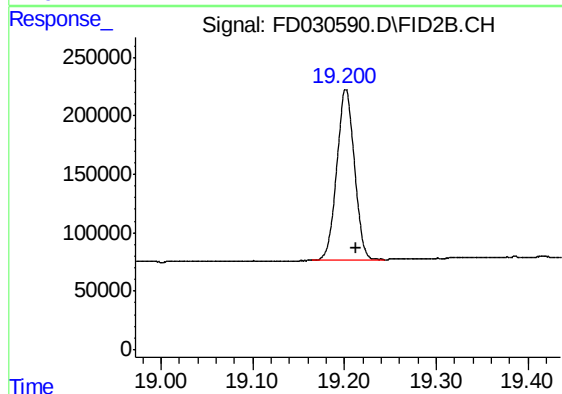
#17 n-Tricontane (C30)

R.T.: 17.600 min  
Delta R.T.: -0.011 min  
Response: 2051201  
Conc: 17.25 ug/ml



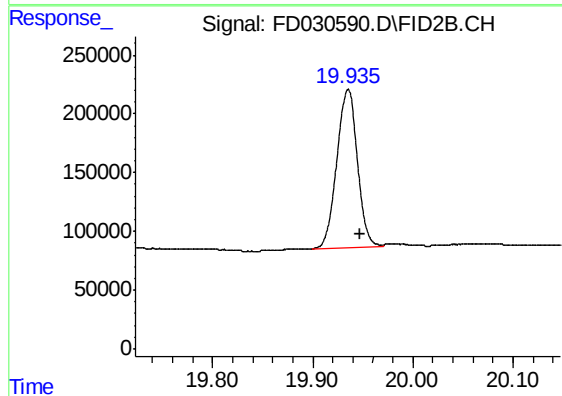
#18 n-Dotriacontane (C32)

R.T.: 18.425 min  
Delta R.T.: -0.011 min  
Response: 1982986  
Conc: 17.29 ug/ml m



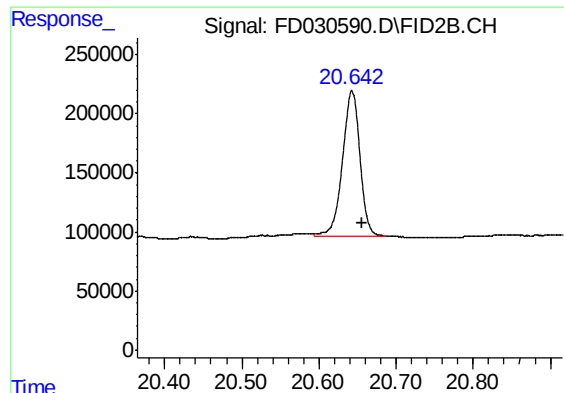
#19 n-Tetatriacontane (C34)

R.T.: 19.200 min  
Delta R.T.: -0.012 min  
Response: 1956087  
Conc: 18.02 ug/ml m



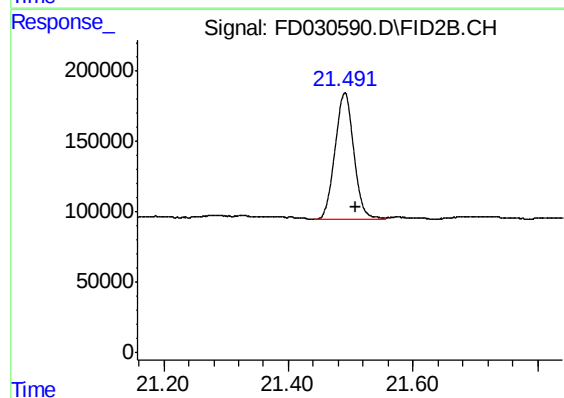
#20 n-Hexatriacontane (C36)

R.T.: 19.935 min  
Delta R.T.: -0.011 min  
Response: 1928111  
Conc: 18.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.642 min  
Delta R.T.: -0.014 min  
Response: 1945012  
Conc: 20.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.491 min  
Delta R.T.: -0.018 min  
Response: 1918082  
Conc: 18.71 ug/ml m