

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011619AL\  
 Data File : FD027319.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Jan 2019 2:39  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 17 03:36:28 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 010719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 08 08:17:25 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)    | 11.250 | 2236707    | 20.118 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.24%        |
| 12) S 1-chlorooctadecane (S... | 12.694 | 1692906    | 19.782 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.56%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.078  | 1836186    | 18.975 ug/ml  |
| 2) T n-Decane (C10)            | 4.137  | 1881409    | 18.965 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.695  | 2239385    | 20.098 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.147  | 1921134    | 19.170 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.746  | 2270631    | 20.329 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.931  | 1972808    | 19.424 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.521  | 1978529    | 19.494 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.955 | 1967463    | 19.378 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.257 | 1964902    | 19.623 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.865 | 1942466    | 19.677 ug/ml  |
| 13) T n-Docosane (C22)         | 13.449 | 1957201    | 19.992 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.545 | 2002595    | 20.748 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.560 | 2018122    | 21.457 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.506 | 2077170    | 22.372 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.386 | 2067858    | 22.961 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.213 | 1918762    | 22.494 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.993 | 1614237    | 21.903 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.728 | 1405801    | 21.105 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.424 | 1353657    | 20.861 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.208 | 1173531    | 18.696 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

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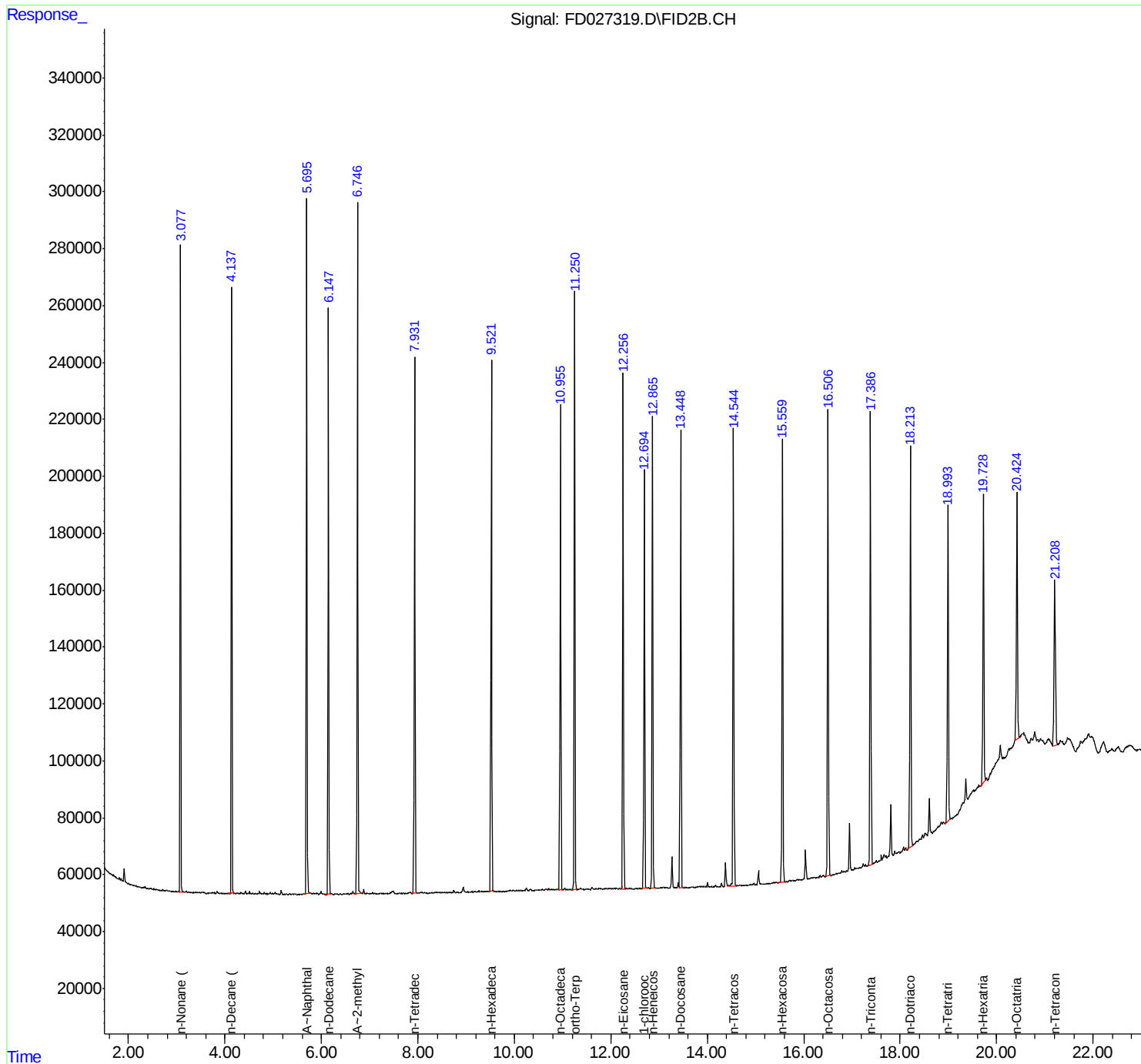
Response via : Initial Calibration

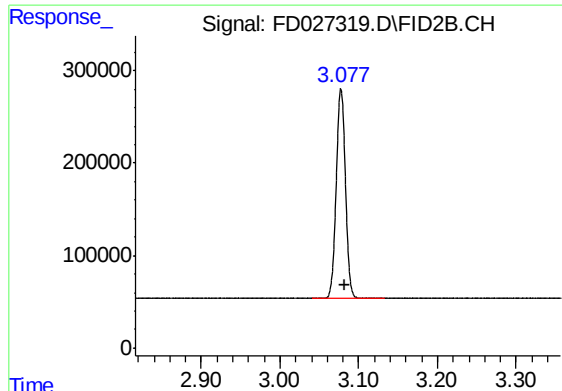
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

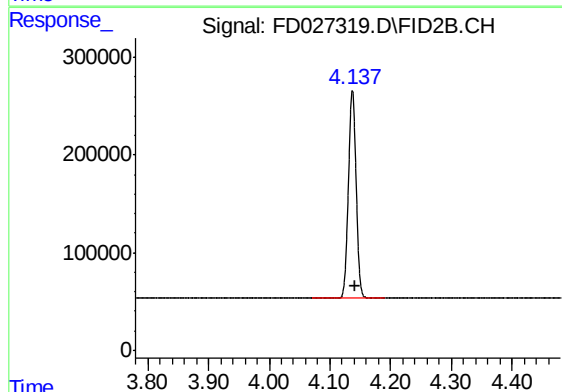
Signal Info : 20M x 0.18mm x 0.18um





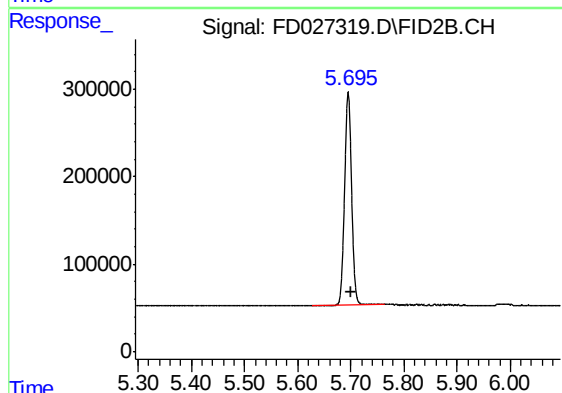
#1 n-Nonane (C9)

R.T.: 3.078 min  
Delta R.T.: -0.005 min  
Response: 1836186  
Conc: 18.98 ug/ml



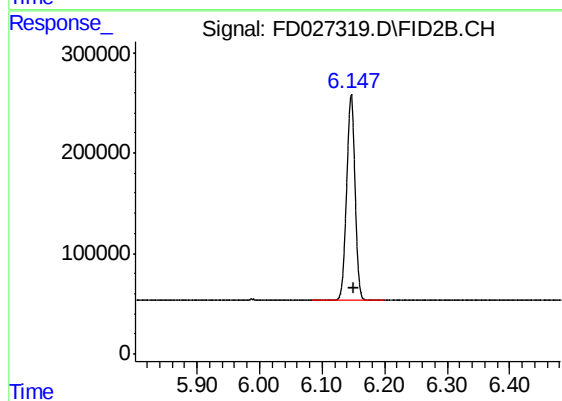
#2 n-Decane (C10)

R.T.: 4.137 min  
Delta R.T.: -0.005 min  
Response: 1881409  
Conc: 18.96 ug/ml



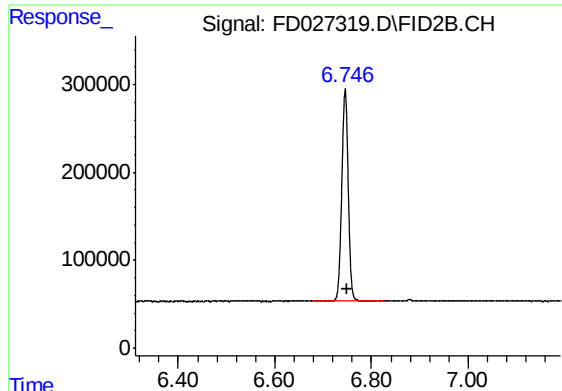
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min  
Delta R.T.: -0.005 min  
Response: 2239385  
Conc: 20.10 ug/ml



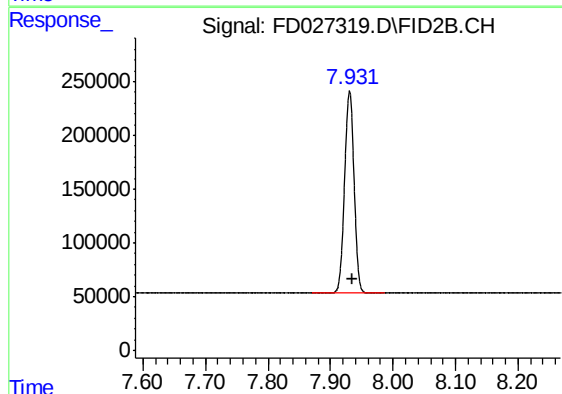
#4 n-Dodecane (C12)

R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 1921134  
Conc: 19.17 ug/ml



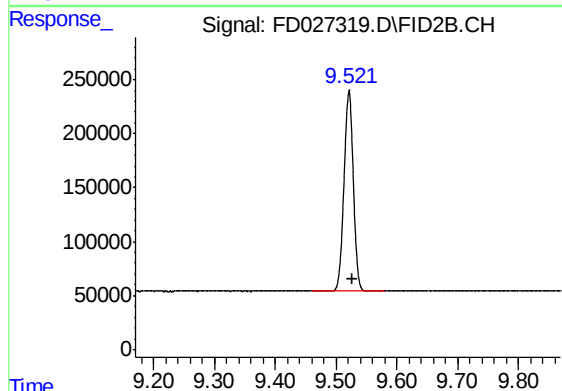
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.746 min  
Delta R.T.: -0.004 min  
Response: 2270631  
Conc: 20.33 ug/ml



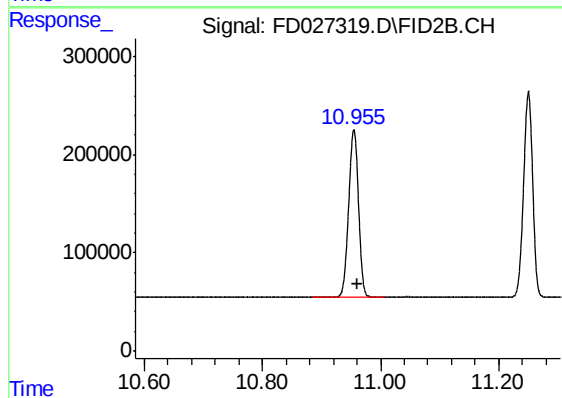
#6 n-Tetradecane (C14)

R.T.: 7.931 min  
Delta R.T.: -0.005 min  
Response: 1972808  
Conc: 19.42 ug/ml



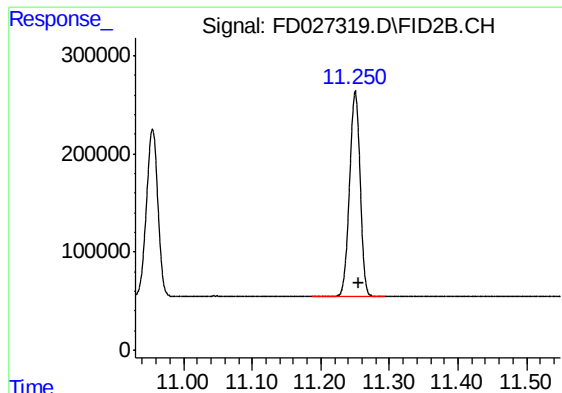
#7 n-Hexadecane (C16)

R.T.: 9.521 min  
Delta R.T.: -0.007 min  
Response: 1978529  
Conc: 19.49 ug/ml



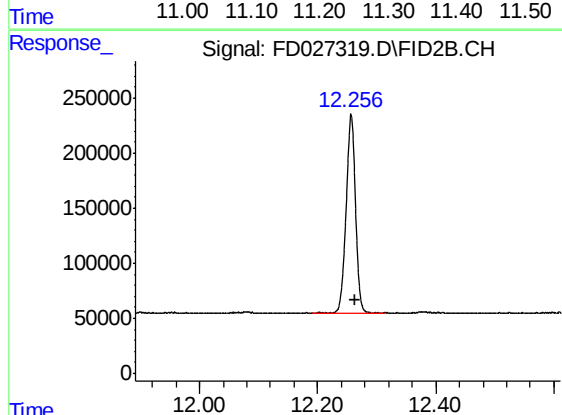
#8 n-Octadecane (C18)

R.T.: 10.955 min  
Delta R.T.: -0.006 min  
Response: 1967463  
Conc: 19.38 ug/ml



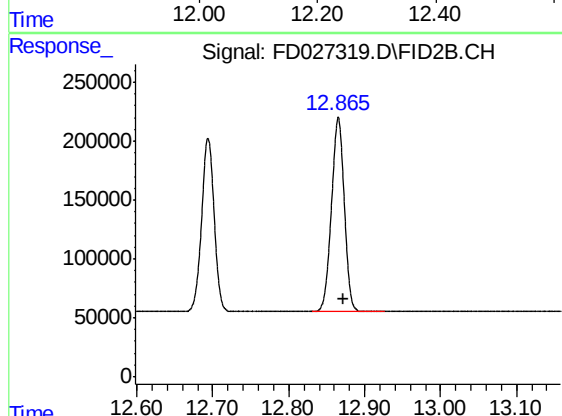
#9 ortho-Terphenyl (SURR)

R.T.: 11.250 min  
Delta R.T.: -0.006 min  
Response: 2236707  
Conc: 20.12 ug/ml



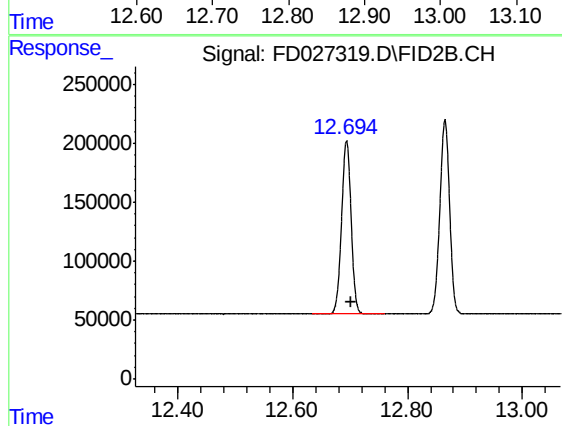
#10 n-Eicosane (C20)

R.T.: 12.257 min  
Delta R.T.: -0.006 min  
Response: 1964902  
Conc: 19.62 ug/ml



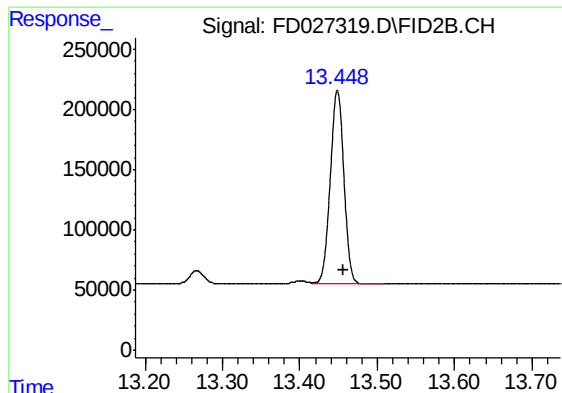
#11 n-Heneicosane (C21)

R.T.: 12.865 min  
Delta R.T.: -0.007 min  
Response: 1942466  
Conc: 19.68 ug/ml



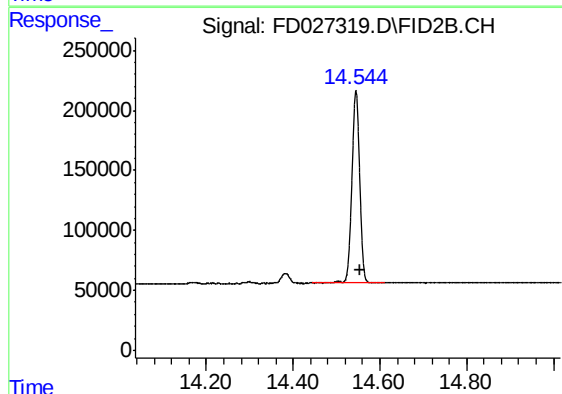
#12 1-chlorooctadecane (SURR)

R.T.: 12.694 min  
Delta R.T.: -0.007 min  
Response: 1692906  
Conc: 19.78 ug/ml



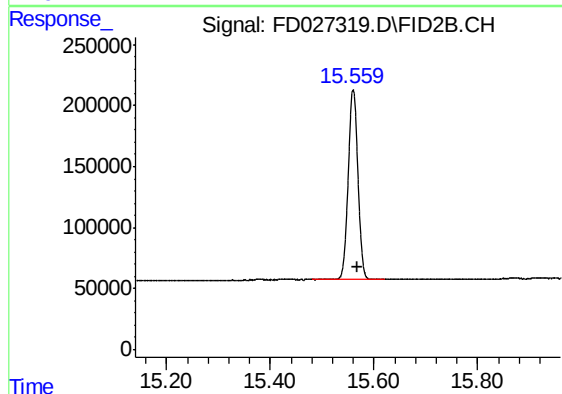
#13 n-Docosane (C22)

R.T.: 13.449 min  
Delta R.T.: -0.007 min  
Response: 1957201  
Conc: 19.99 ug/ml



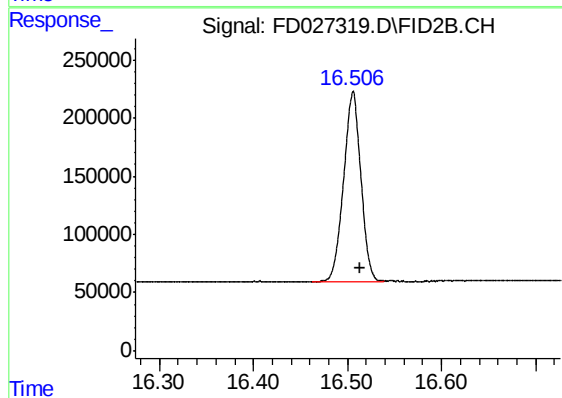
#14 n-Tetracosane (C24)

R.T.: 14.545 min  
Delta R.T.: -0.008 min  
Response: 2002595  
Conc: 20.75 ug/ml



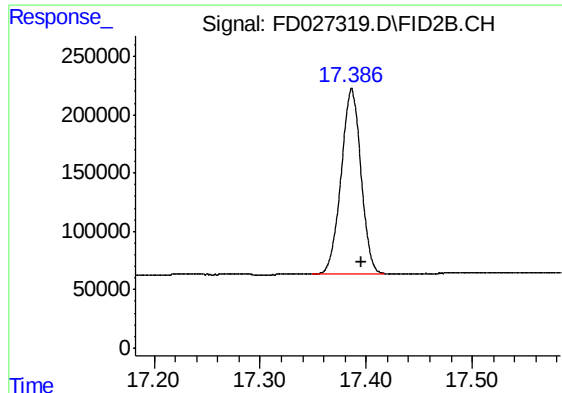
#15 n-Hexacosane (C26)

R.T.: 15.560 min  
Delta R.T.: -0.009 min  
Response: 2018122  
Conc: 21.46 ug/ml



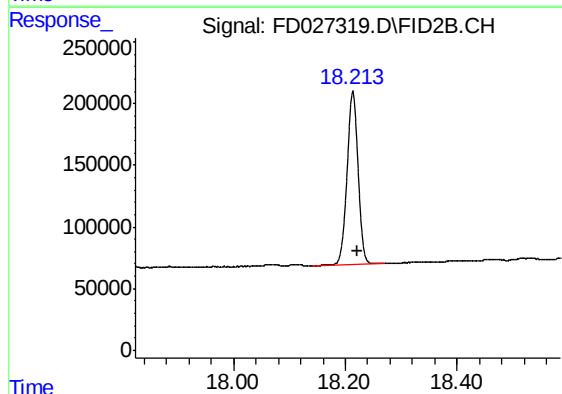
#16 n-Octacosane (C28)

R.T.: 16.506 min  
Delta R.T.: -0.007 min  
Response: 2077170  
Conc: 22.37 ug/ml m



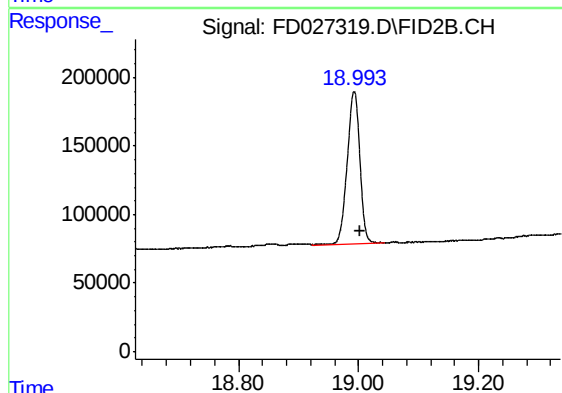
#17 n-Tricontane (C30)

R.T.: 17.386 min  
Delta R.T.: -0.009 min  
Response: 2067858  
Conc: 22.96 ug/ml m



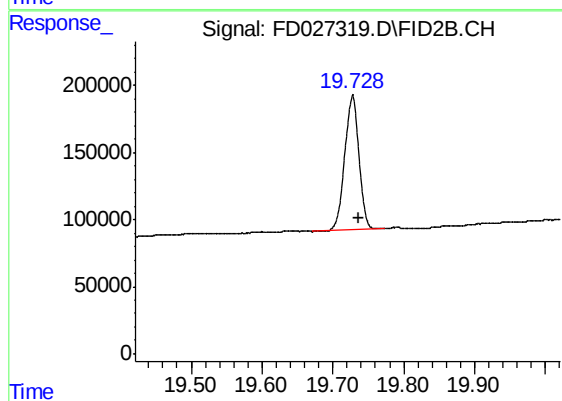
#18 n-Dotriacontane (C32)

R.T.: 18.213 min  
Delta R.T.: -0.008 min  
Response: 1918762  
Conc: 22.49 ug/ml



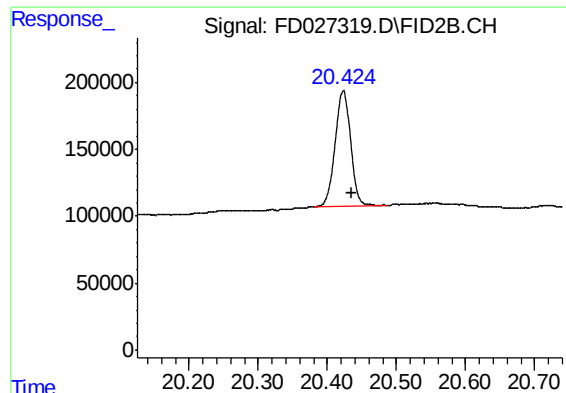
#19 n-Tetatriacontane (C34)

R.T.: 18.993 min  
Delta R.T.: -0.009 min  
Response: 1614237  
Conc: 21.90 ug/ml



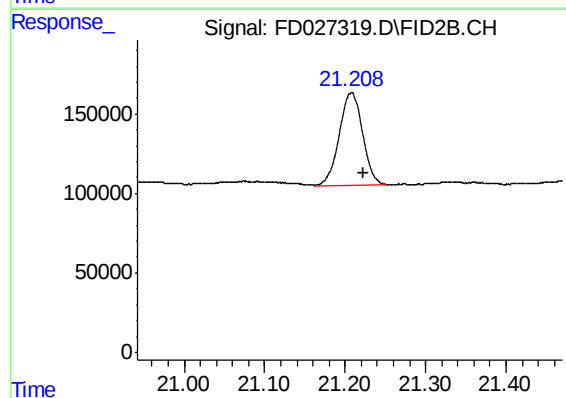
#20 n-Hexatriacontane (C36)

R.T.: 19.728 min  
Delta R.T.: -0.009 min  
Response: 1405801  
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.424 min  
Delta R.T.: -0.011 min  
Response: 1353657  
Conc: 20.86 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.208 min  
Delta R.T.: -0.014 min  
Response: 1173531  
Conc: 18.70 ug/ml m