

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040319AL\  
 Data File : FD028631.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Apr 2019 23:52  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 04 01:36:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 032519.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 26 04:15:45 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)    | 11.020 | 2740095    | 19.037 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.07%       |
| 12) S 1-chlorooctadecane (S... | 12.441 | 2130141    | 18.250 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.50%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.860  | 1959422    | 20.311 ug/ml |
| 2) T n-Decane (C10)            | 3.881  | 2024885    | 20.322 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.455  | 2311087    | 20.695 ug/ml |
| 4) T n-Dodecane (C12)          | 5.874  | 2072082    | 20.326 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.504  | 2347805    | 20.688 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.662  | 2119145    | 19.916 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.257  | 2145484    | 19.287 ug/ml |
| 8) T n-Octadecane (C18)        | 10.693 | 2152468    | 18.589 ug/ml |
| 10) T n-Eicosane (C20)         | 11.996 | 2166636    | 18.339 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.605 | 2140273    | 18.178 ug/ml |
| 13) T n-Docosane (C22)         | 13.188 | 2152683    | 18.231 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.284 | 2170847    | 18.597 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.299 | 2157220    | 18.913 ug/ml |
| 16) T n-Octacosane (C28)       | 16.243 | 2184559    | 19.441 ug/ml |
| 17) T n-Tricontane (C30)       | 17.124 | 2132987    | 19.819 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.950 | 2029572    | 20.023 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.755 | 1750914    | 20.026 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.758 | 1532250    | 19.914 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.111 | 1429259    | 19.914 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.991 | 1398402    | 19.733 ug/ml |
| -----                          |        |            |              |

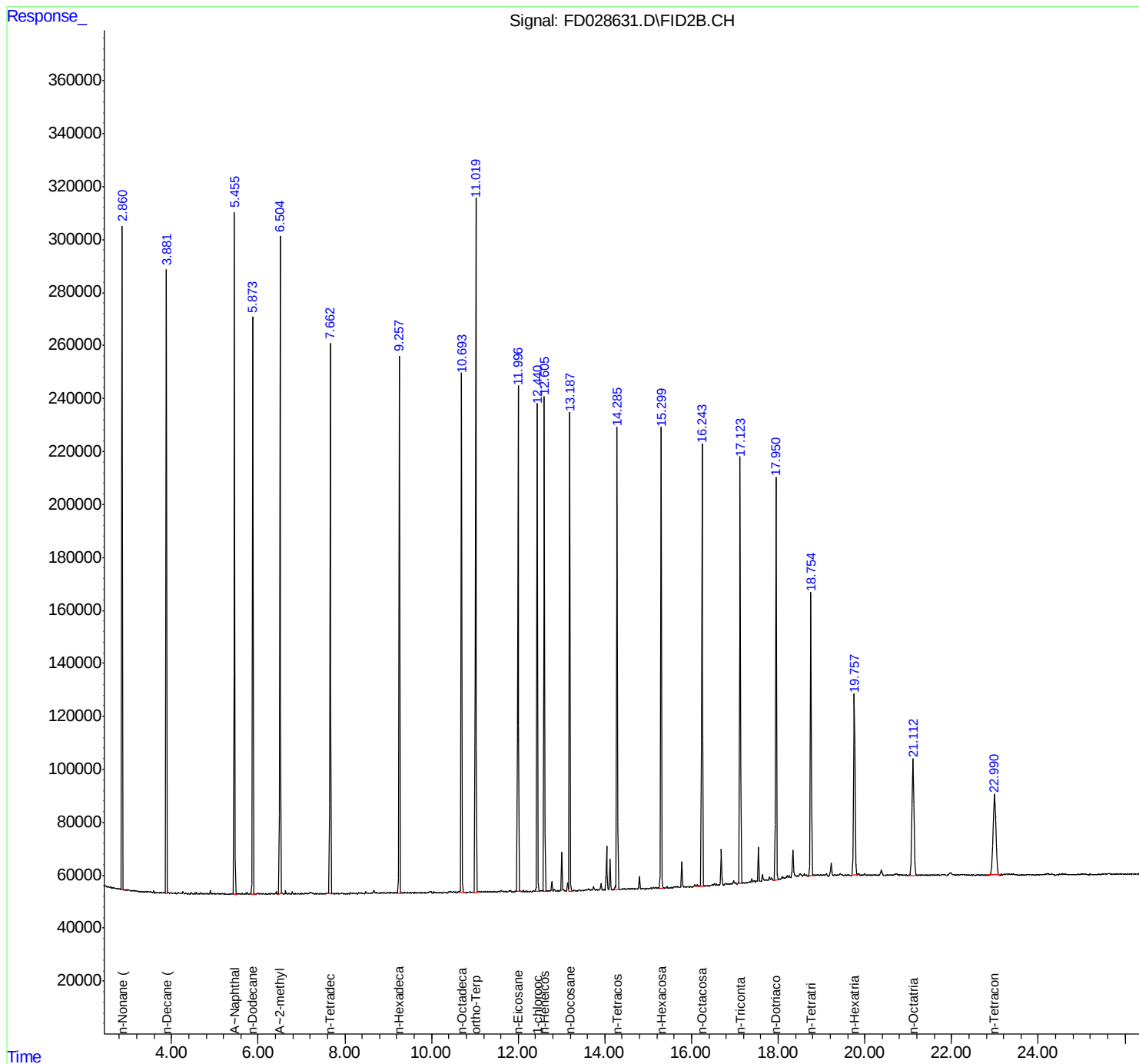
(f)=RT Delta > 1/2 Window

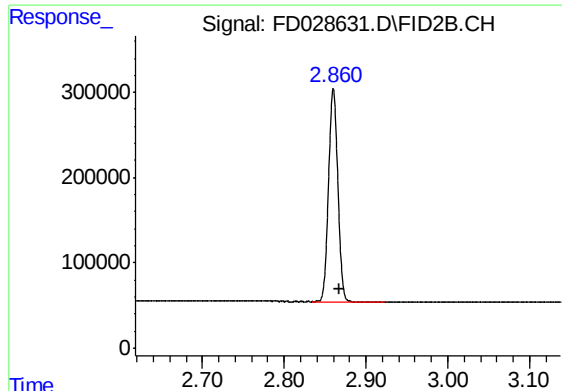
(m)=manual int.

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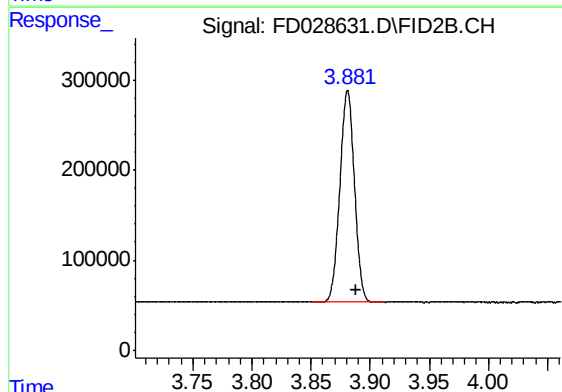
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





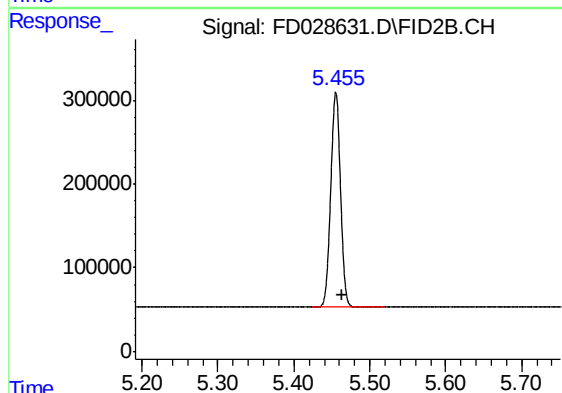
#1 n-Nonane (C9)

R.T.: 2.860 min  
Delta R.T.: -0.007 min  
Response: 1959422  
Conc: 20.31 ug/ml



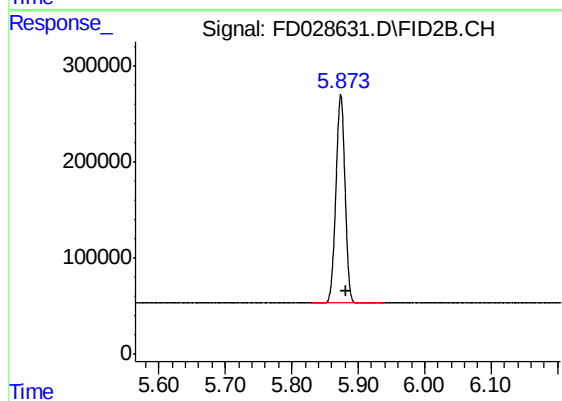
#2 n-Decane (C10)

R.T.: 3.881 min  
Delta R.T.: -0.007 min  
Response: 2024885  
Conc: 20.32 ug/ml



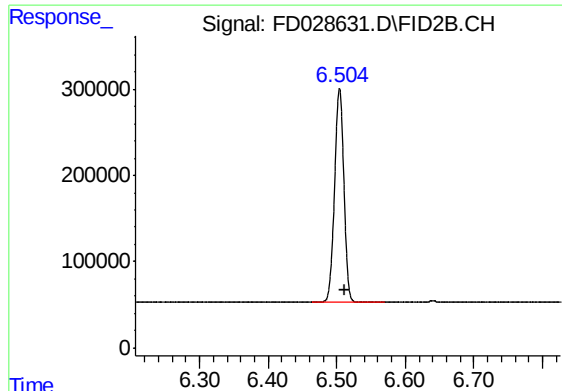
#3 A~Naphthalene (C11.7)

R.T.: 5.455 min  
Delta R.T.: -0.009 min  
Response: 2311087  
Conc: 20.69 ug/ml



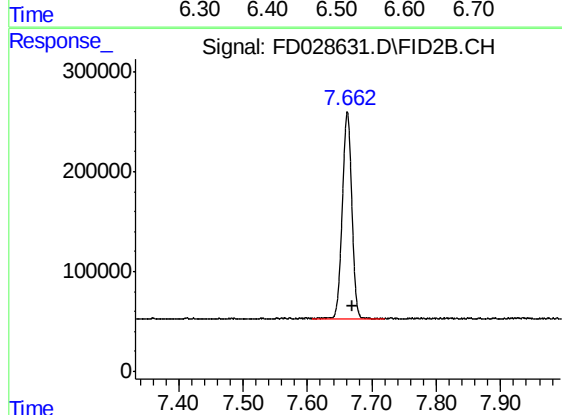
#4 n-Dodecane (C12)

R.T.: 5.874 min  
Delta R.T.: -0.008 min  
Response: 2072082  
Conc: 20.33 ug/ml



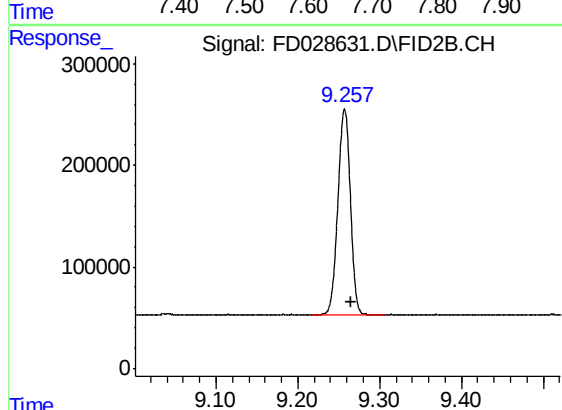
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.504 min  
Delta R.T.: -0.008 min  
Response: 2347805  
Conc: 20.69 ug/ml



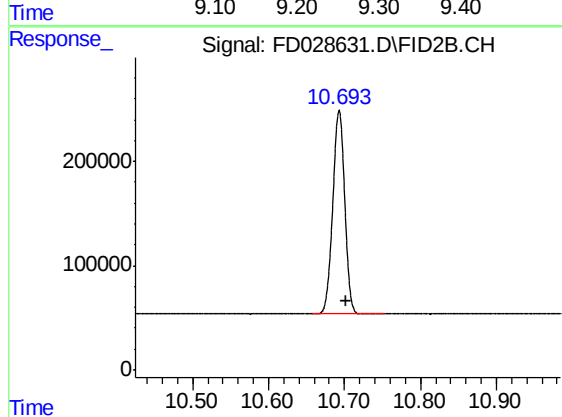
#6 n-Tetradecane (C14)

R.T.: 7.662 min  
Delta R.T.: -0.008 min  
Response: 2119145  
Conc: 19.92 ug/ml



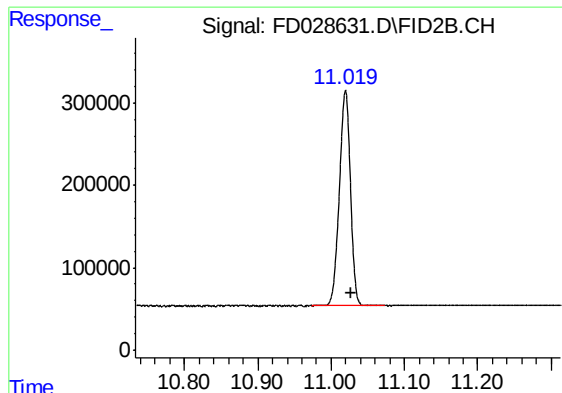
#7 n-Hexadecane (C16)

R.T.: 9.257 min  
Delta R.T.: -0.008 min  
Response: 2145484  
Conc: 19.29 ug/ml



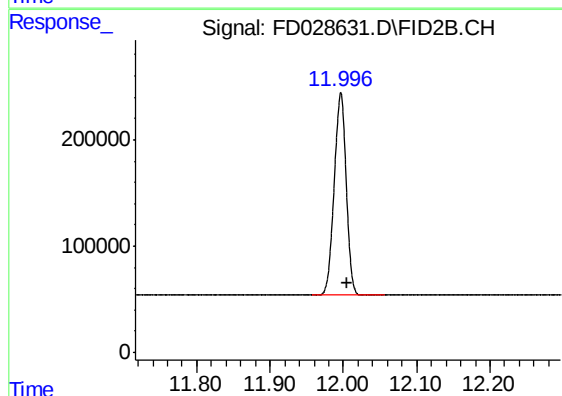
#8 n-Octadecane (C18)

R.T.: 10.693 min  
Delta R.T.: -0.009 min  
Response: 2152468  
Conc: 18.59 ug/ml



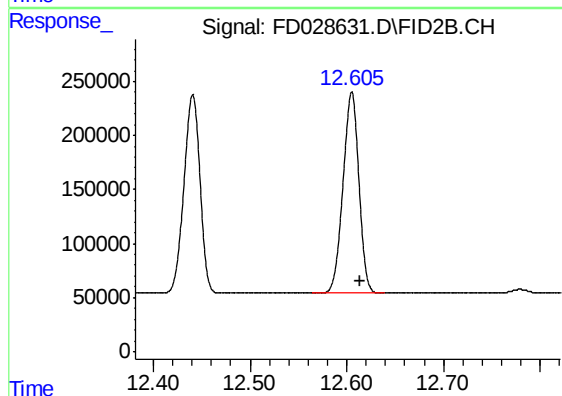
#9 ortho-Terphenyl (SURR)

R.T.: 11.020 min  
Delta R.T.: -0.008 min  
Response: 2740095  
Conc: 19.04 ug/ml



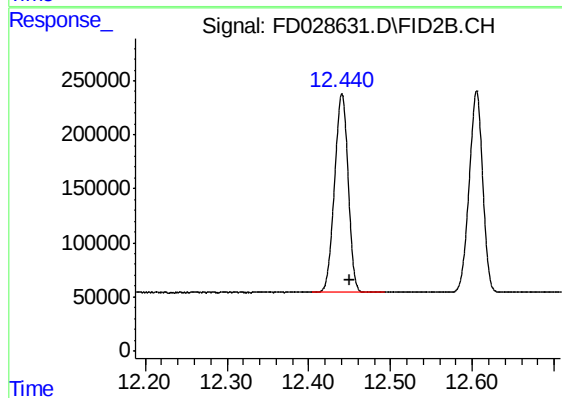
#10 n-Eicosane (C20)

R.T.: 11.996 min  
Delta R.T.: -0.008 min  
Response: 2166636  
Conc: 18.34 ug/ml



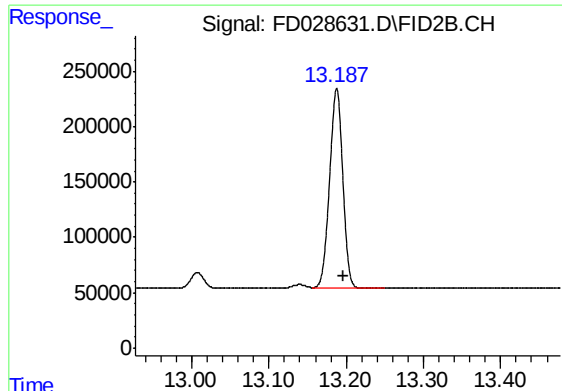
#11 n-Heneicosane (C21)

R.T.: 12.605 min  
Delta R.T.: -0.009 min  
Response: 2140273  
Conc: 18.18 ug/ml



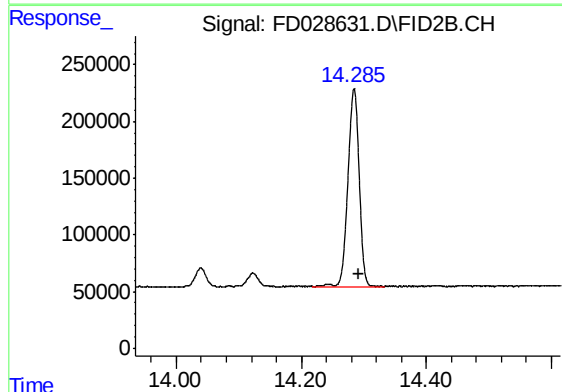
#12 1-chlorooctadecane (SURR)

R.T.: 12.441 min  
Delta R.T.: -0.009 min  
Response: 2130141  
Conc: 18.25 ug/ml



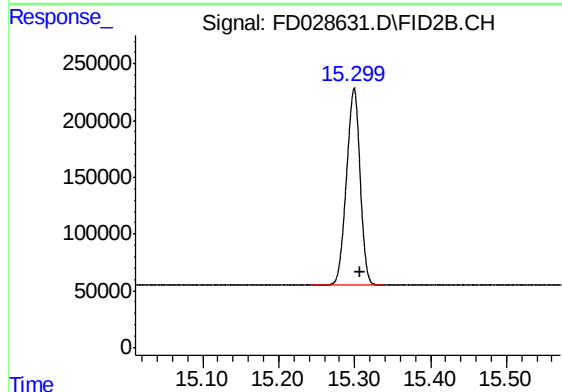
#13 n-Docosane (C22)

R.T.: 13.188 min  
Delta R.T.: -0.010 min  
Response: 2152683  
Conc: 18.23 ug/ml



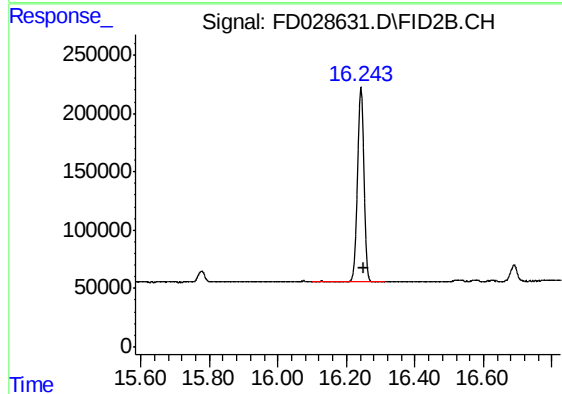
#14 n-Tetracosane (C24)

R.T.: 14.284 min  
Delta R.T.: -0.008 min  
Response: 2170847  
Conc: 18.60 ug/ml



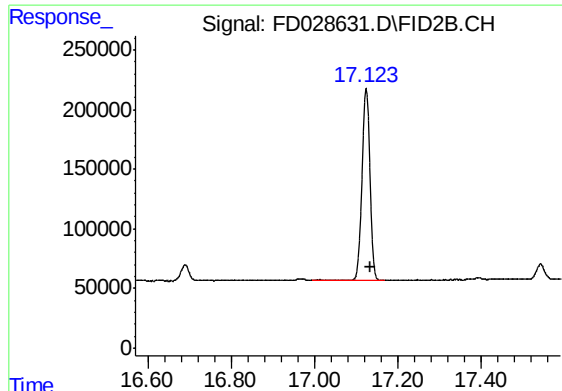
#15 n-Hexacosane (C26)

R.T.: 15.299 min  
Delta R.T.: -0.008 min  
Response: 2157220  
Conc: 18.91 ug/ml



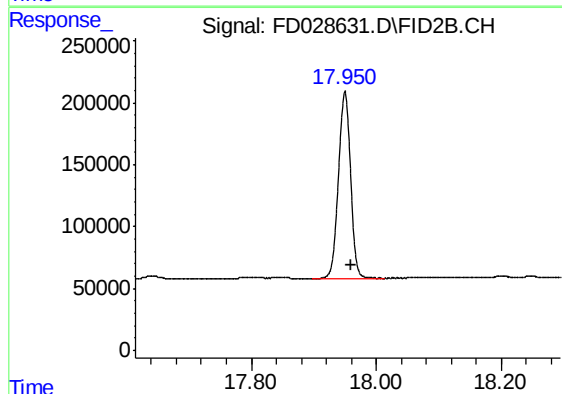
#16 n-Octacosane (C28)

R.T.: 16.243 min  
Delta R.T.: -0.009 min  
Response: 2184559  
Conc: 19.44 ug/ml



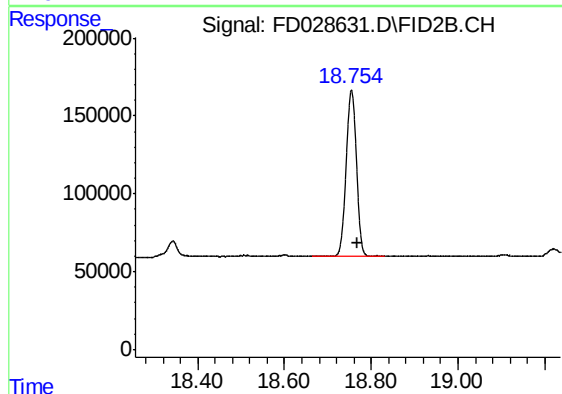
#17 n-Tricontane (C30)

R.T.: 17.124 min  
Delta R.T.: -0.009 min  
Response: 2132987  
Conc: 19.82 ug/ml



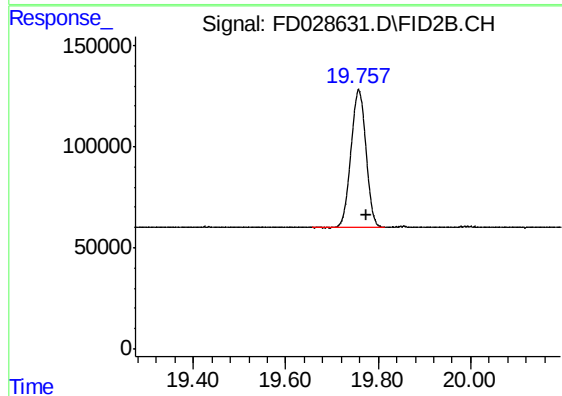
#18 n-Dotriacontane (C32)

R.T.: 17.950 min  
Delta R.T.: -0.009 min  
Response: 2029572  
Conc: 20.02 ug/ml



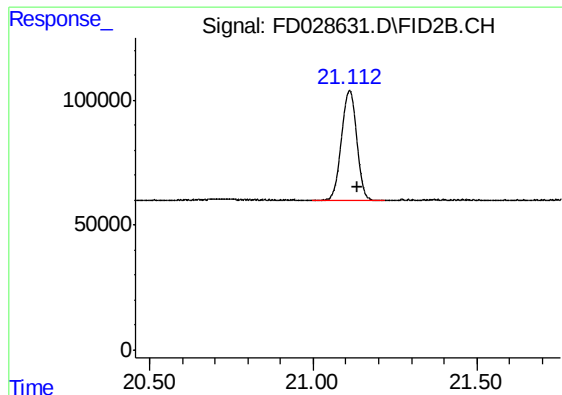
#19 n-Tetatriacontane (C34)

R.T.: 18.755 min  
Delta R.T.: -0.012 min  
Response: 1750914  
Conc: 20.03 ug/ml



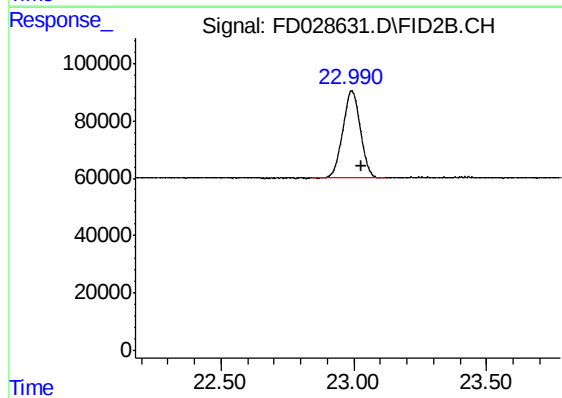
#20 n-Hexatriacontane (C36)

R.T.: 19.758 min  
Delta R.T.: -0.016 min  
Response: 1532250  
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min  
Delta R.T.: -0.026 min  
Response: 1429259  
Conc: 19.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.991 min  
Delta R.T.: -0.038 min  
Response: 1398402  
Conc: 19.73 ug/ml