

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072820AL\  
 Data File : FC048675.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Jul 2020 9:23  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 29 01:35:19 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 03:03:00 2020  
 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)    | 11.680 | 2688628    | 19.589 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.18%       |
| 12) S 1-chlorooctadecane (S... | 13.112 | 2173317    | 19.286 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.415  | 2548604    | 21.380 ug/ml |
| 2) T n-Decane (C10)            | 4.488  | 2579014    | 21.426 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.085  | 2880522    | 21.405 ug/ml |
| 4) T n-Dodecane (C12)          | 6.513  | 2625435    | 21.460 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.143  | 2931742    | 21.270 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.311  | 2624030    | 21.301 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.914  | 2568842    | 20.985 ug/ml |
| 8) T n-Octadecane (C18)        | 11.356 | 2620339    | 20.474 ug/ml |
| 10) T n-Eicosane (C20)         | 12.666 | 2572549    | 19.890 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.278 | 2530459    | 19.521 ug/ml |
| 13) T n-Docosane (C22)         | 13.865 | 2491433    | 19.189 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.966 | 2404384    | 18.342 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.987 | 2294576    | 17.646 ug/ml |
| 16) T n-Octacosane (C28)       | 16.935 | 2225458    | 17.031 ug/ml |
| 17) T n-Tricontane (C30)       | 17.821 | 2127946    | 16.552 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.651 | 1932234    | 16.355 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.432 | 1830166    | 16.396 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.172 | 1757862    | 16.714 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.926 | 1703171    | 17.349 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.876 | 1746574    | 17.973 ug/ml |
| -----                          |        |            |              |

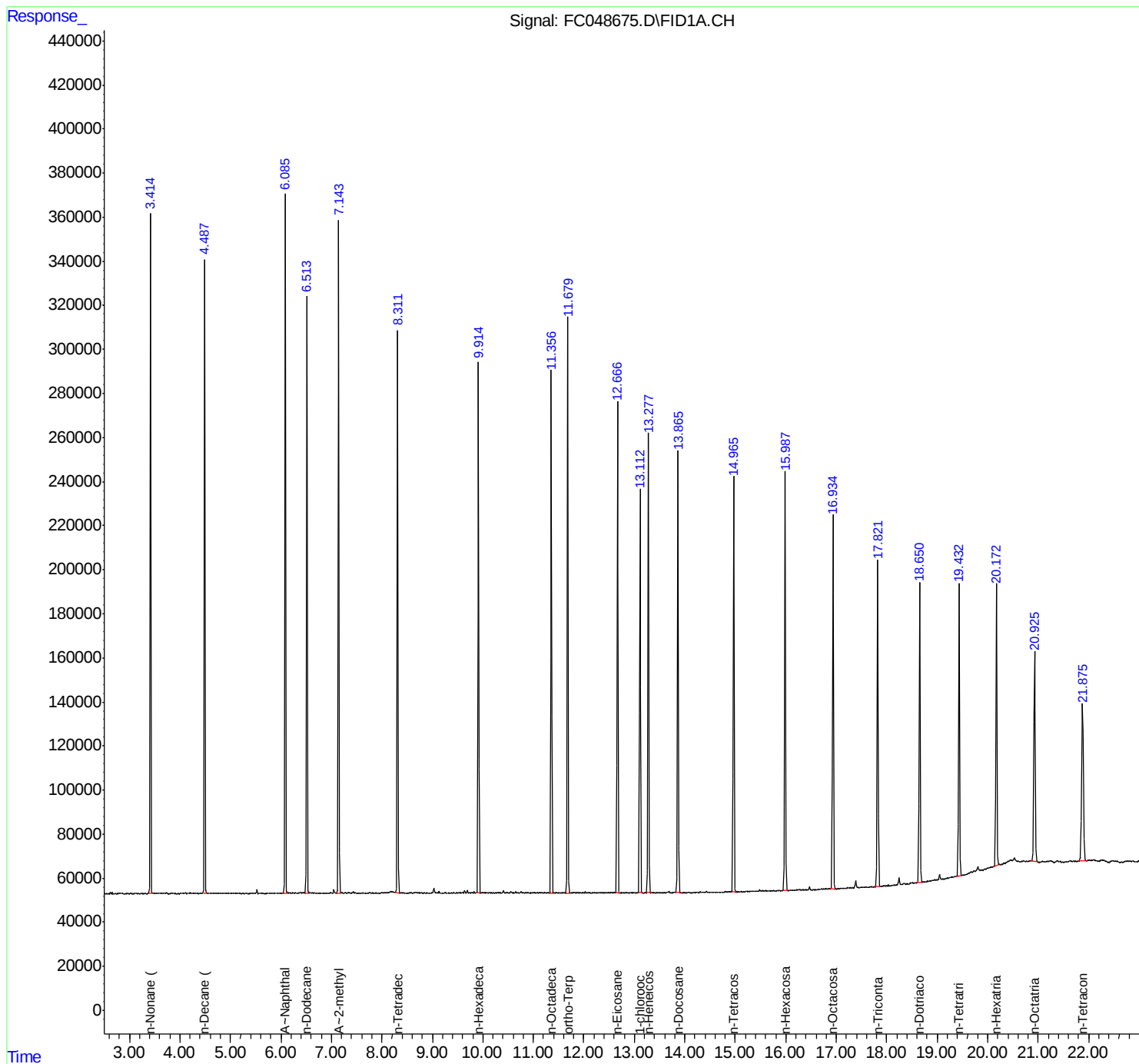
(f)=RT Delta > 1/2 Window

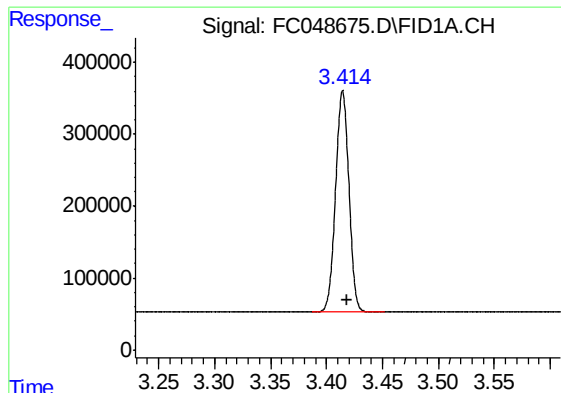
(m)=manual int.

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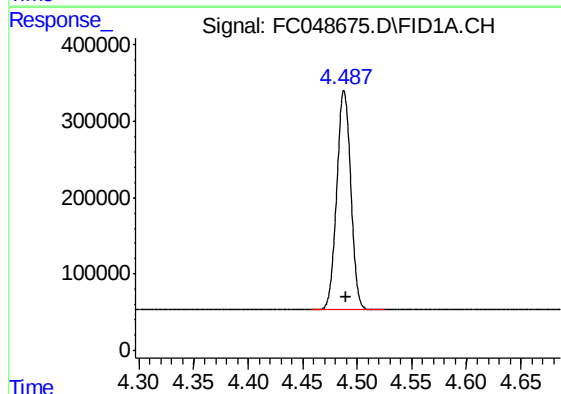
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





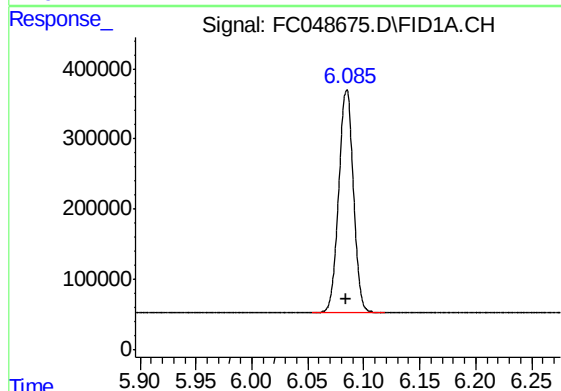
#1 n-Nonane (C9)

R.T.: 3.415 min  
Delta R.T.: -0.003 min  
Response: 2548604  
Conc: 21.38 ug/ml



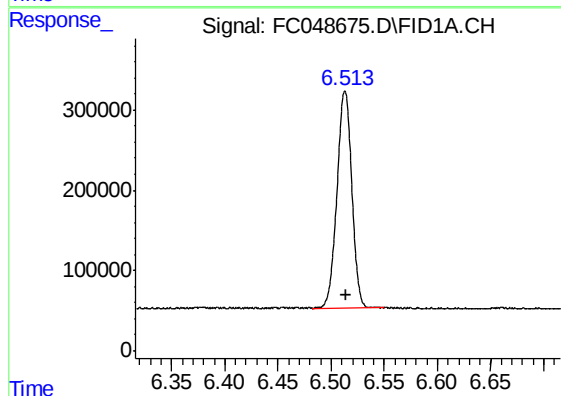
#2 n-Decane (C10)

R.T.: 4.488 min  
Delta R.T.: -0.002 min  
Response: 2579014  
Conc: 21.43 ug/ml



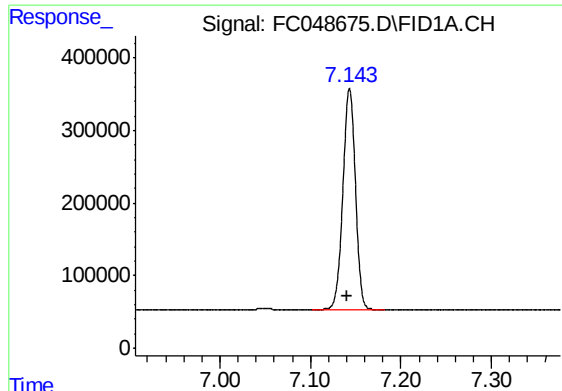
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min  
Delta R.T.: 0.001 min  
Response: 2880522  
Conc: 21.41 ug/ml



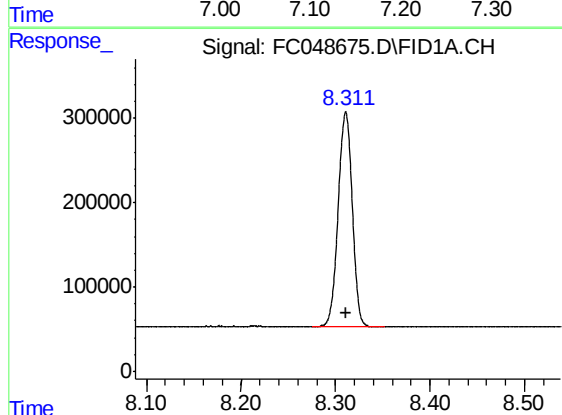
#4 n-Dodecane (C12)

R.T.: 6.513 min  
Delta R.T.: 0.000 min  
Response: 2625435  
Conc: 21.46 ug/ml



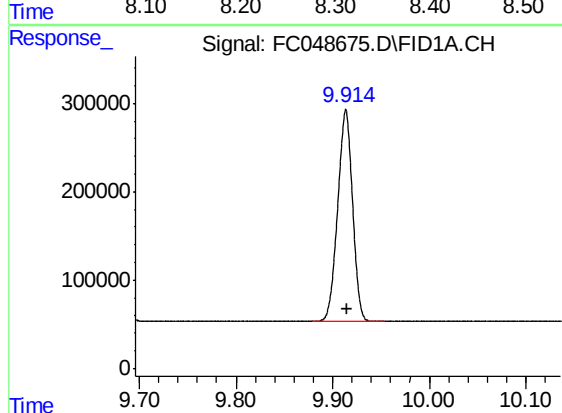
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min  
Delta R.T.: 0.002 min  
Response: 2931742  
Conc: 21.27 ug/ml



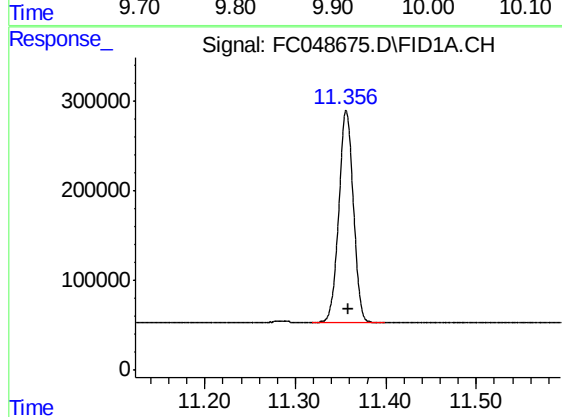
#6 n-Tetradecane (C14)

R.T.: 8.311 min  
Delta R.T.: 0.000 min  
Response: 2624030  
Conc: 21.30 ug/ml



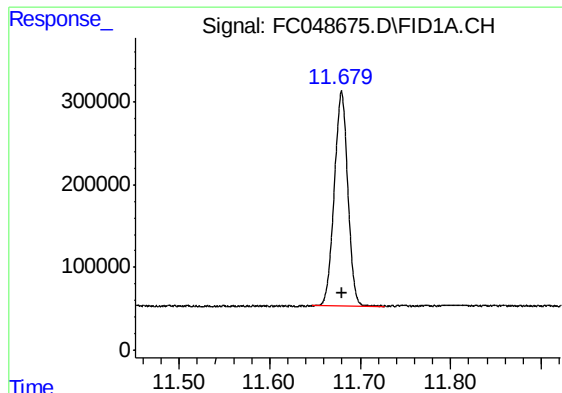
#7 n-Hexadecane (C16)

R.T.: 9.914 min  
Delta R.T.: -0.001 min  
Response: 2568842  
Conc: 20.98 ug/ml



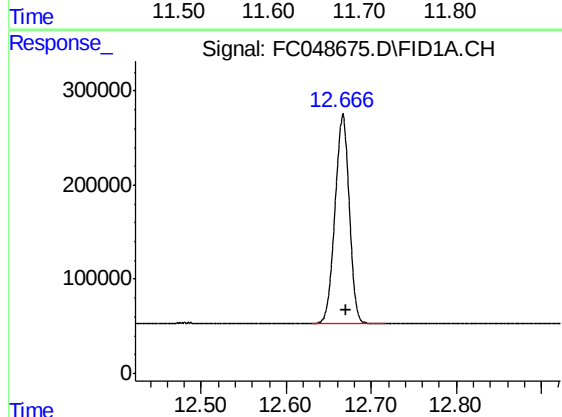
#8 n-Octadecane (C18)

R.T.: 11.356 min  
Delta R.T.: -0.002 min  
Response: 2620339  
Conc: 20.47 ug/ml



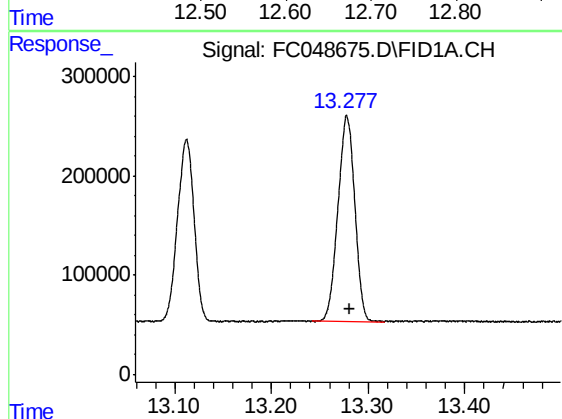
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min  
Delta R.T.: 0.000 min  
Response: 2688628  
Conc: 19.59 ug/ml



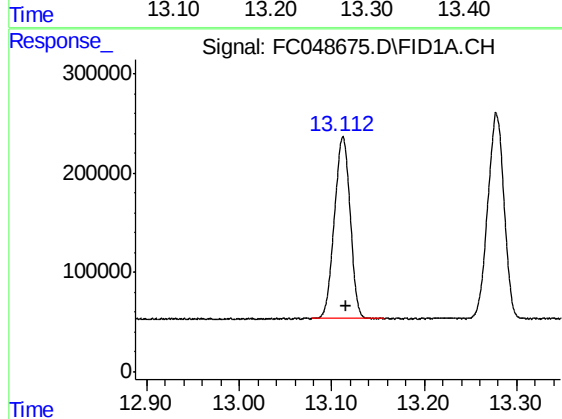
#10 n-Eicosane (C20)

R.T.: 12.666 min  
Delta R.T.: -0.003 min  
Response: 2572549  
Conc: 19.89 ug/ml



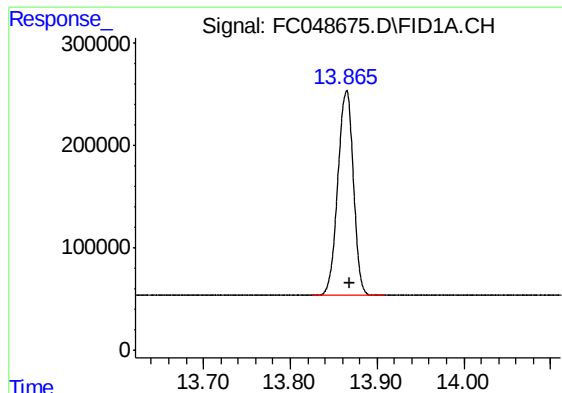
#11 n-Heneicosane (C21)

R.T.: 13.278 min  
Delta R.T.: -0.003 min  
Response: 2530459  
Conc: 19.52 ug/ml



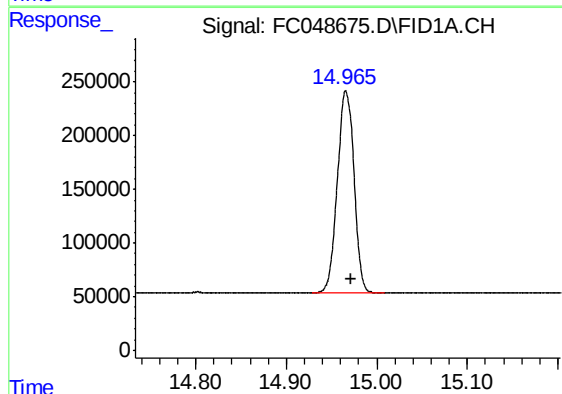
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min  
Delta R.T.: -0.004 min  
Response: 2173317  
Conc: 19.29 ug/ml



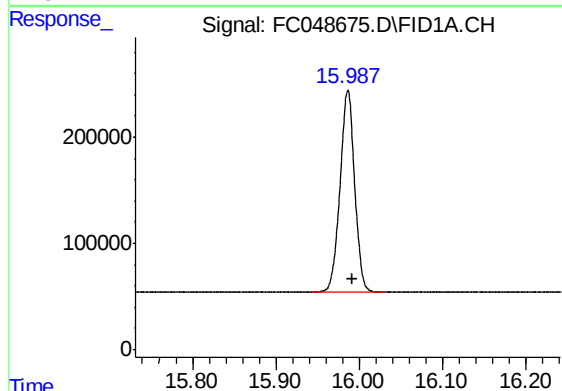
#13 n-Docosane (C22)

R.T.: 13.865 min  
Delta R.T.: -0.003 min  
Response: 2491433  
Conc: 19.19 ug/ml



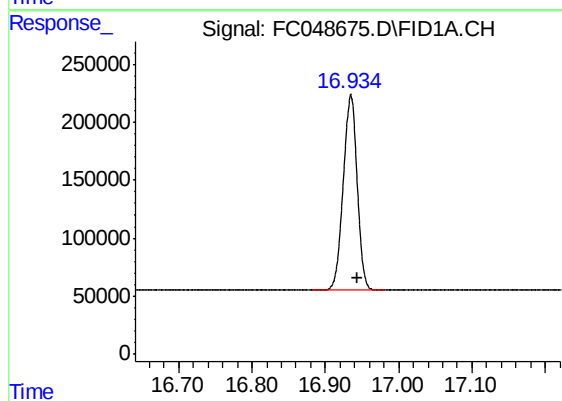
#14 n-Tetracosane (C24)

R.T.: 14.966 min  
Delta R.T.: -0.006 min  
Response: 2404384  
Conc: 18.34 ug/ml



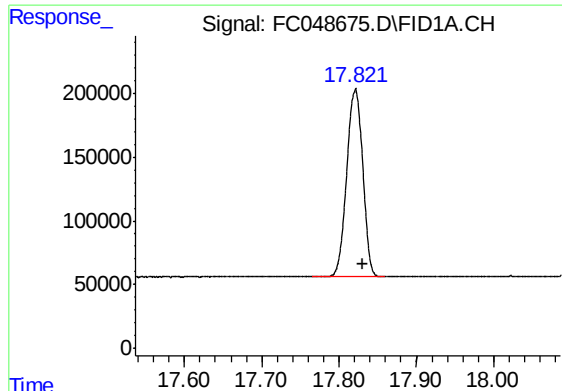
#15 n-Hexacosane (C26)

R.T.: 15.987 min  
Delta R.T.: -0.006 min  
Response: 2294576  
Conc: 17.65 ug/ml



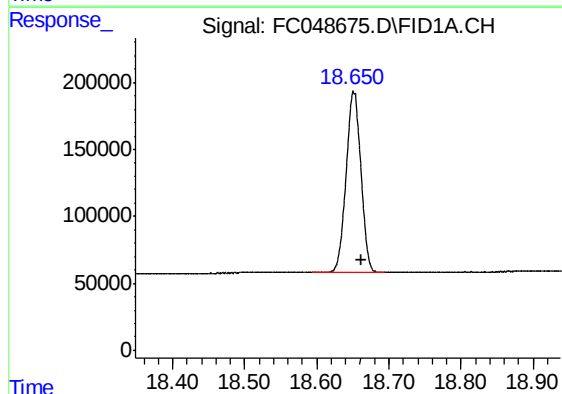
#16 n-Octacosane (C28)

R.T.: 16.935 min  
Delta R.T.: -0.008 min  
Response: 2225458  
Conc: 17.03 ug/ml



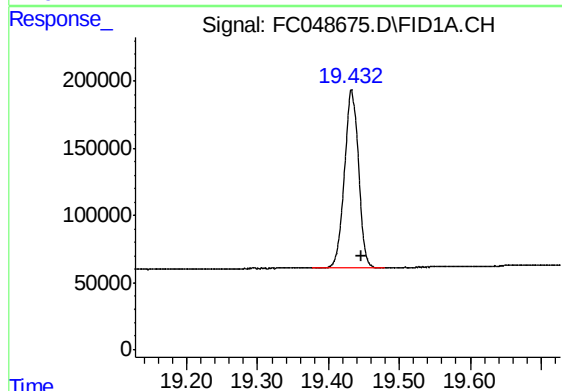
#17 n-Tricontane (C30)

R.T.: 17.821 min  
Delta R.T.: -0.010 min  
Response: 2127946  
Conc: 16.55 ug/ml



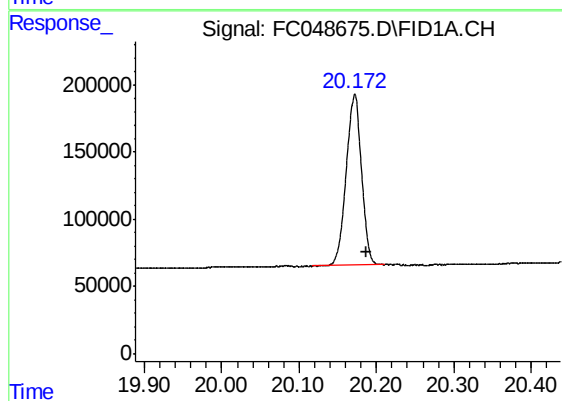
#18 n-Dotriacontane (C32)

R.T.: 18.651 min  
Delta R.T.: -0.011 min  
Response: 1932234  
Conc: 16.36 ug/ml



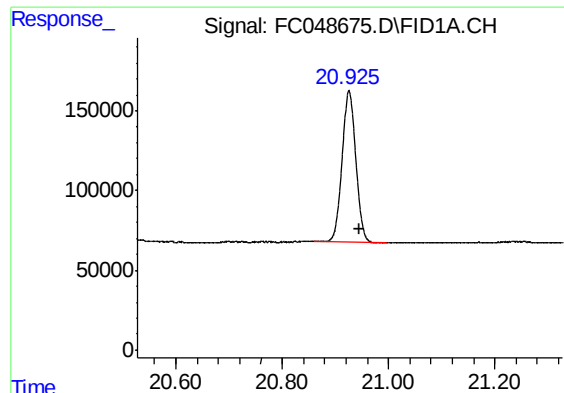
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min  
Delta R.T.: -0.014 min  
Response: 1830166  
Conc: 16.40 ug/ml



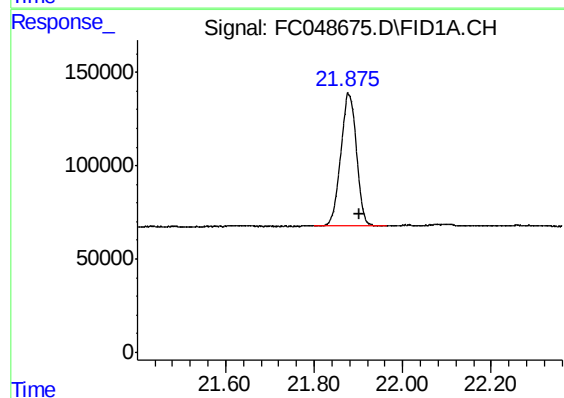
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min  
Delta R.T.: -0.014 min  
Response: 1757862  
Conc: 16.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.926 min  
Delta R.T.: -0.020 min  
Response: 1703171  
Conc: 17.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.876 min  
Delta R.T.: -0.025 min  
Response: 1746574  
Conc: 17.97 ug/ml