

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082719AL\  
 Data File : FC043130.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Aug 2019 16:54  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 28 04:19:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 082719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 28 04:05:56 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)    | 11.630 | 2879907    | 20.114 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.23%       |
| 12) S 1-chlorooctadecane (S... | 13.053 | 2200999    | 20.146 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.29%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.457  | 2389241    | 20.060 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 2402712    | 20.206 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.095  | 2506507    | 20.548 ug/ml |
| 4) T n-Dodecane (C12)          | 6.511  | 2474899    | 20.229 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.141  | 2541936    | 20.708 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.289  | 2492251    | 20.161 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.877  | 2526485    | 20.265 ug/ml |
| 8) T n-Octadecane (C18)        | 11.309 | 2571972    | 20.220 ug/ml |
| 10) T n-Eicosane (C20)         | 12.609 | 2588549    | 20.163 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.217 | 2601284    | 20.086 ug/ml |
| 13) T n-Docosane (C22)         | 13.799 | 2579361    | 20.079 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.895 | 2569676    | 20.058 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.911 | 2518767    | 19.999 ug/ml |
| 16) T n-Octacosane (C28)       | 16.855 | 2453286    | 19.980 ug/ml |
| 17) T n-Tricontane (C30)       | 17.737 | 2397549    | 19.879 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.565 | 2246634    | 19.696 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.346 | 2110863    | 19.619 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.083 | 1983444    | 18.839 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.815 | 1831647    | 19.577 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.720 | 1878050    | 19.438 ug/ml |
| -----                          |        |            |              |

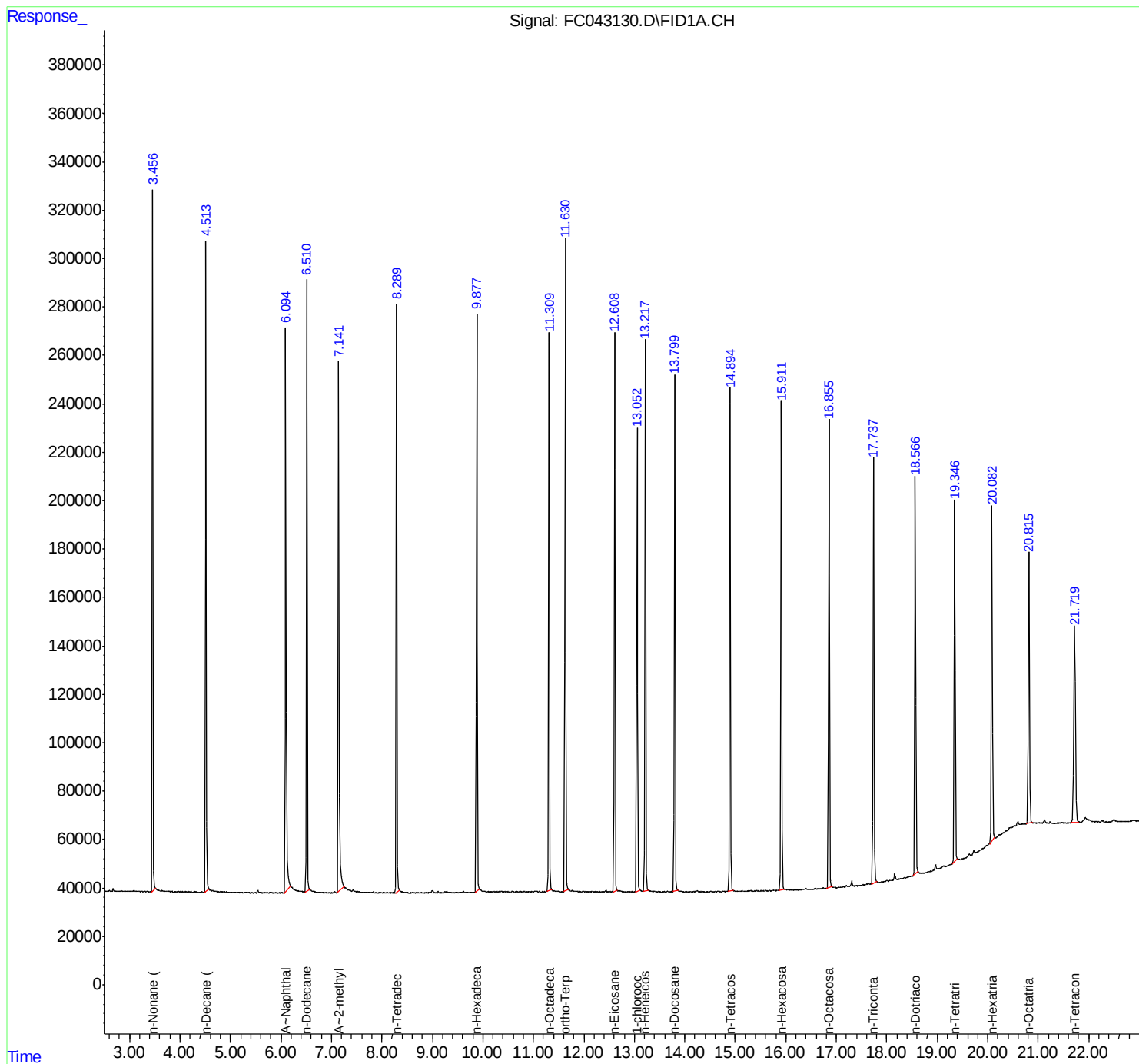
(f)=RT Delta > 1/2 Window

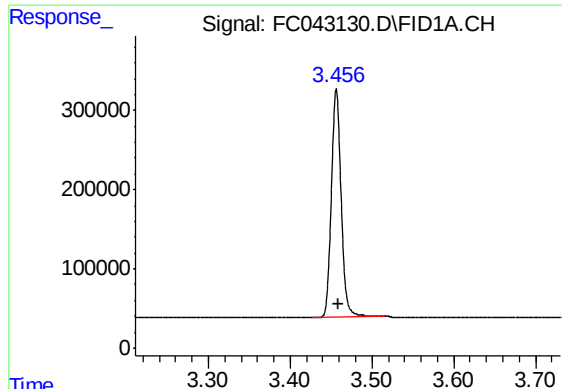
(m)=manual int.

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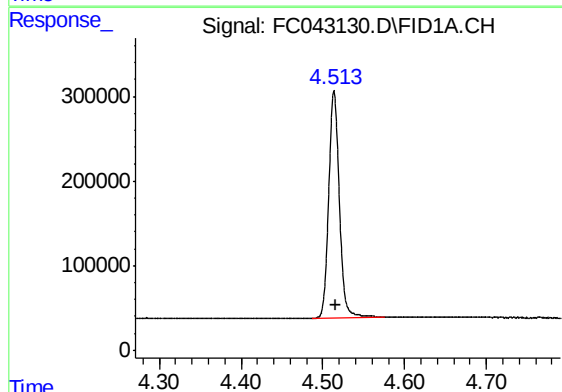
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Signal Info : 20M x 0.18mm x 0.18um





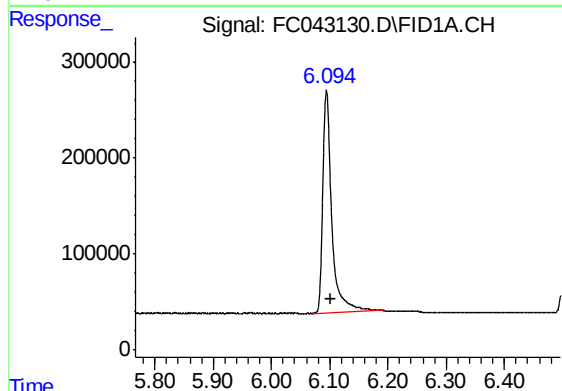
#1 n-Nonane (C9)

R.T.: 3.457 min  
Delta R.T.: -0.002 min  
Response: 2389241  
Conc: 20.06 ug/ml



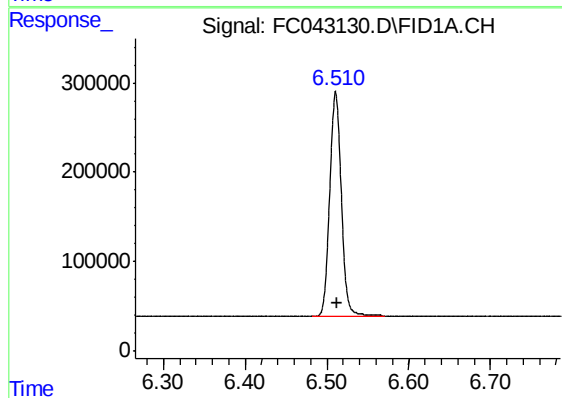
#2 n-Decane (C10)

R.T.: 4.514 min  
Delta R.T.: -0.001 min  
Response: 2402712  
Conc: 20.21 ug/ml



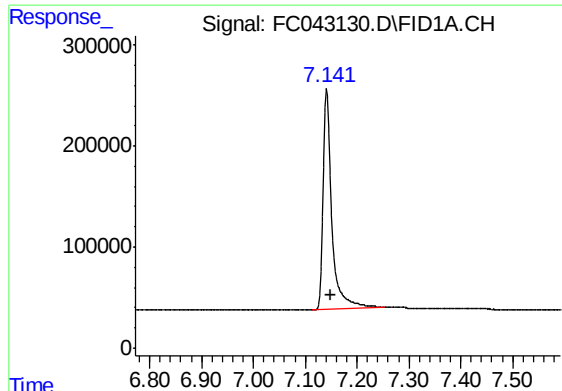
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min  
Delta R.T.: -0.007 min  
Response: 2506507  
Conc: 20.55 ug/ml



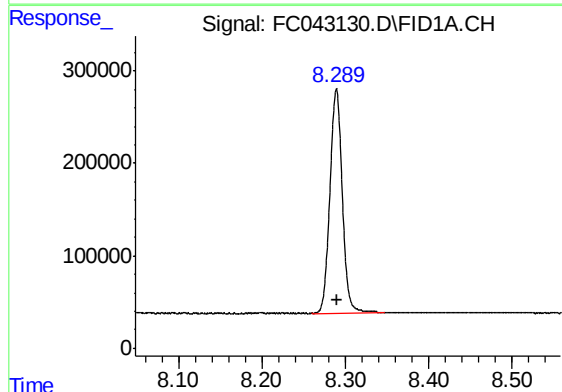
#4 n-Dodecane (C12)

R.T.: 6.511 min  
Delta R.T.: 0.000 min  
Response: 2474899  
Conc: 20.23 ug/ml



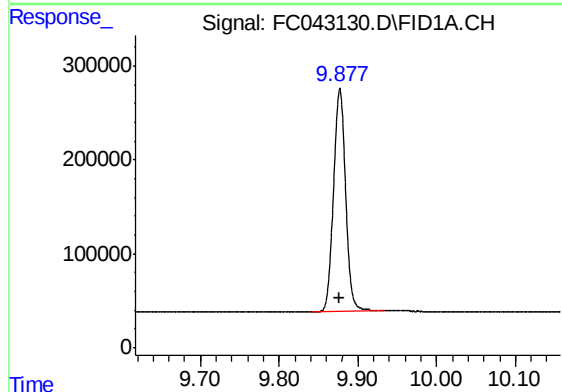
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min  
Delta R.T.: -0.007 min  
Response: 2541936  
Conc: 20.71 ug/ml



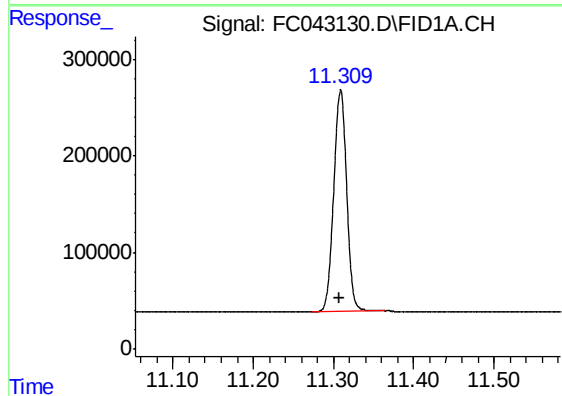
#6 n-Tetradecane (C14)

R.T.: 8.289 min  
Delta R.T.: 0.000 min  
Response: 2492251  
Conc: 20.16 ug/ml



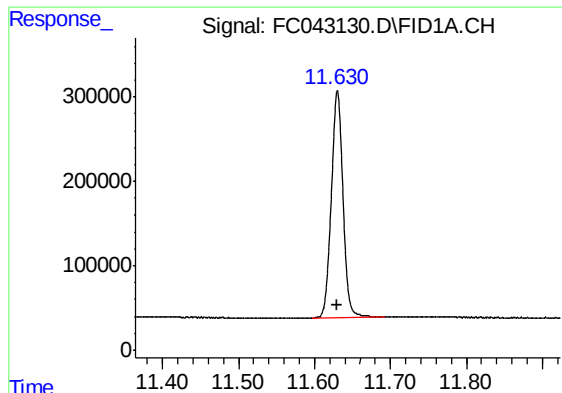
#7 n-Hexadecane (C16)

R.T.: 9.877 min  
Delta R.T.: 0.000 min  
Response: 2526485  
Conc: 20.26 ug/ml



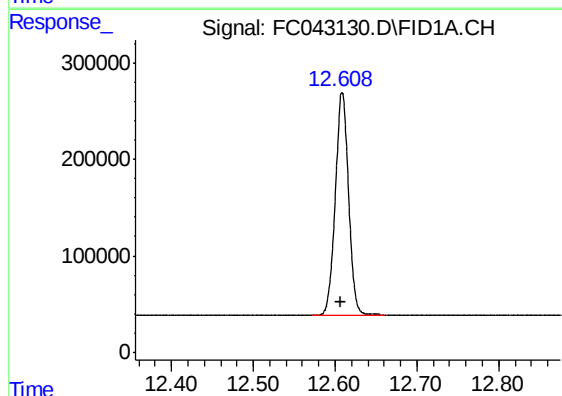
#8 n-Octadecane (C18)

R.T.: 11.309 min  
Delta R.T.: 0.002 min  
Response: 2571972  
Conc: 20.22 ug/ml



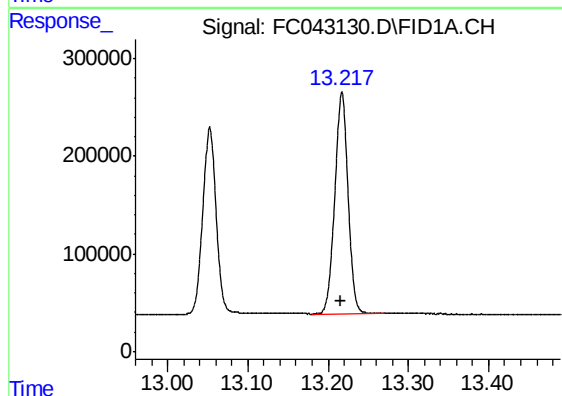
#9 ortho-Terphenyl (SURR)

R.T.: 11.630 min  
Delta R.T.: 0.001 min  
Response: 2879907  
Conc: 20.11 ug/ml



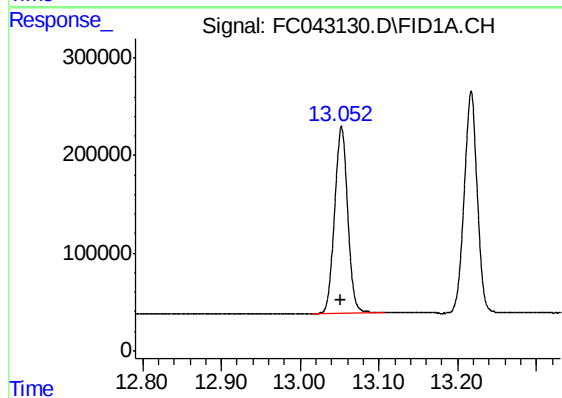
#10 n-Eicosane (C20)

R.T.: 12.609 min  
Delta R.T.: 0.002 min  
Response: 2588549  
Conc: 20.16 ug/ml



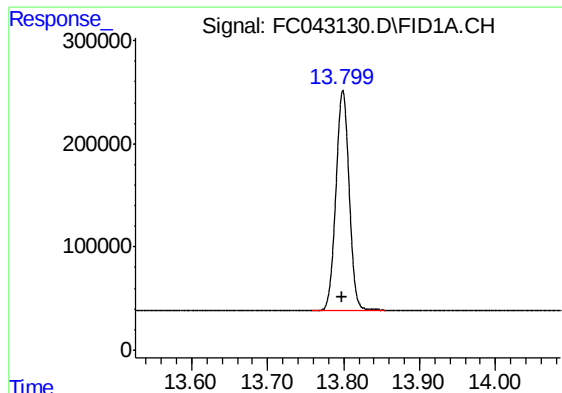
#11 n-Heneicosane (C21)

R.T.: 13.217 min  
Delta R.T.: 0.002 min  
Response: 2601284  
Conc: 20.09 ug/ml



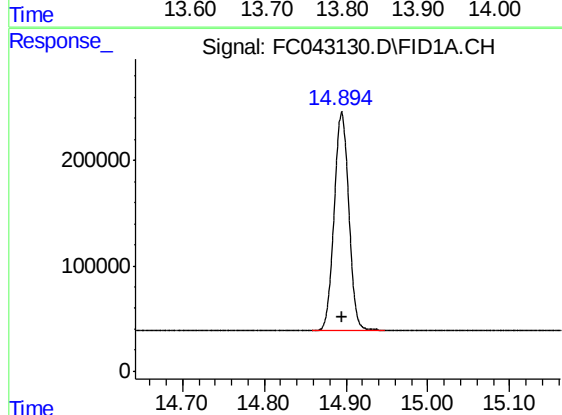
#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min  
Delta R.T.: 0.001 min  
Response: 2200999  
Conc: 20.15 ug/ml



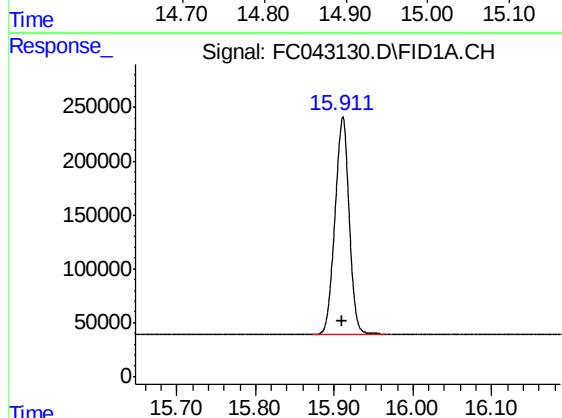
#13 n-Docosane (C22)

R.T.: 13.799 min  
Delta R.T.: 0.001 min  
Response: 2579361  
Conc: 20.08 ug/ml



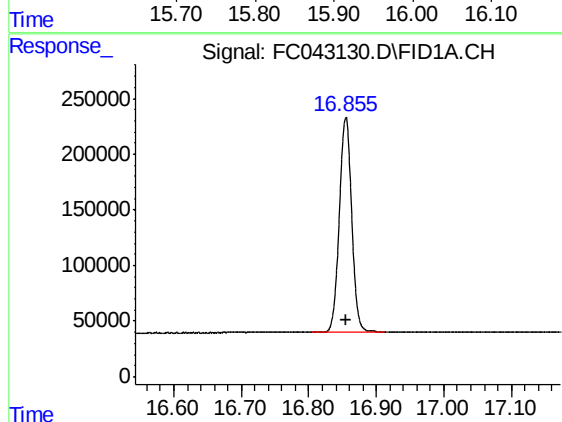
#14 n-Tetracosane (C24)

R.T.: 14.895 min  
Delta R.T.: 0.000 min  
Response: 2569676  
Conc: 20.06 ug/ml



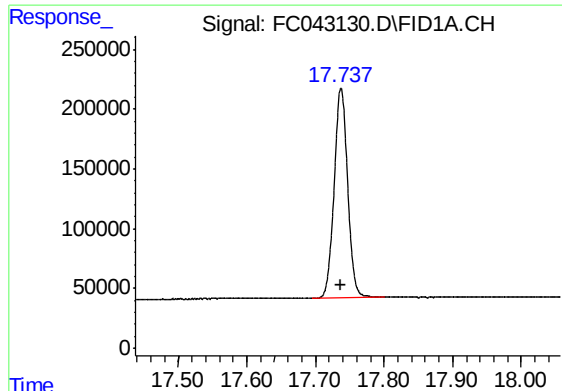
#15 n-Hexacosane (C26)

R.T.: 15.911 min  
Delta R.T.: 0.002 min  
Response: 2518767  
Conc: 20.00 ug/ml



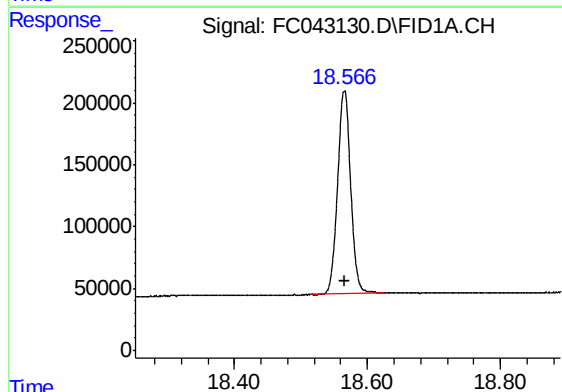
#16 n-Octacosane (C28)

R.T.: 16.855 min  
Delta R.T.: 0.000 min  
Response: 2453286  
Conc: 19.98 ug/ml



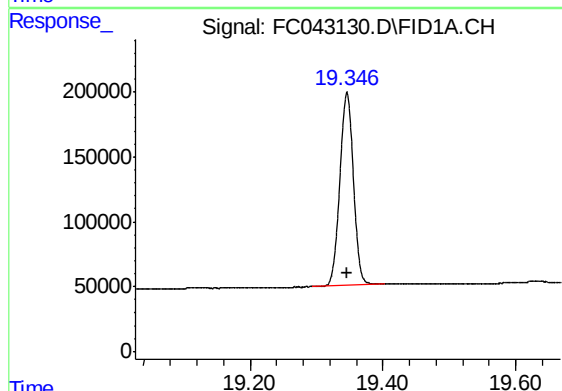
#17 n-Tricontane (C30)

R.T.: 17.737 min  
Delta R.T.: 0.000 min  
Response: 2397549  
Conc: 19.88 ug/ml



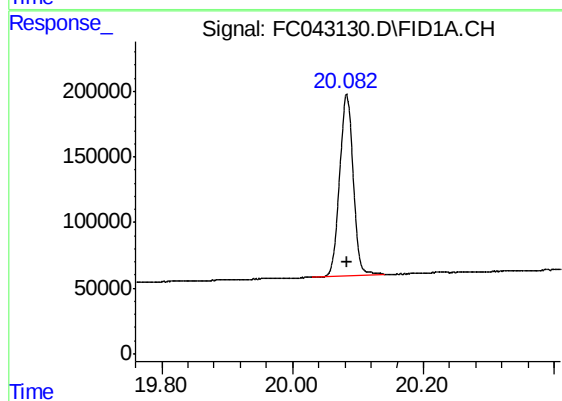
#18 n-Dotriacontane (C32)

R.T.: 18.565 min  
Delta R.T.: 0.000 min  
Response: 2246634  
Conc: 19.70 ug/ml



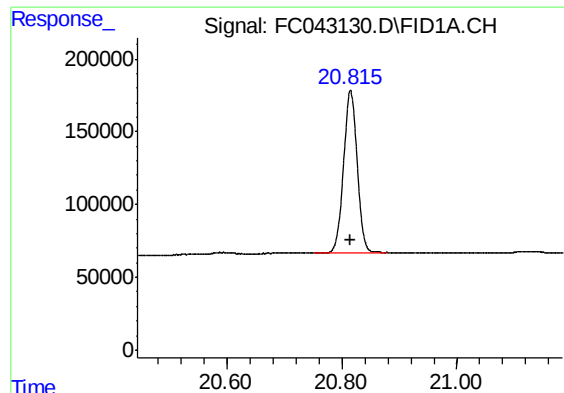
#19 n-Tetatriacontane (C34)

R.T.: 19.346 min  
Delta R.T.: 0.000 min  
Response: 2110863  
Conc: 19.62 ug/ml



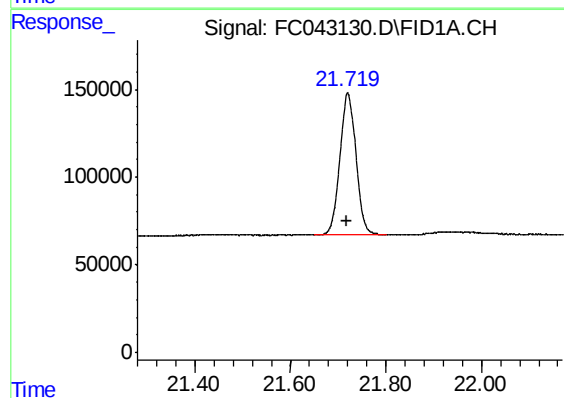
#20 n-Hexatriacontane (C36)

R.T.: 20.083 min  
Delta R.T.: -0.001 min  
Response: 1983444  
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min  
Delta R.T.: 0.000 min  
Response: 1831647  
Conc: 19.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.720 min  
Delta R.T.: 0.000 min  
Response: 1878050  
Conc: 19.44 ug/ml