

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101921AL\  
 Data File : FD039125.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Oct 2021 19:01  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 20 01:27:56 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 02:13:43 2021  
 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)    | 11.672 | 2495193    | 17.580 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.16%       |
| 12) S 1-chlorooctadecane (S... | 13.098 | 1947226    | 17.317 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.63%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.435  | 2379599    | 18.865 ug/ml |
| 2) T n-Decane (C10)            | 4.503  | 2404414    | 18.839 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.095  | 2649353    | 18.605 ug/ml |
| 4) T n-Dodecane (C12)          | 6.519  | 2403879    | 18.770 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.149  | 2644002    | 18.469 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.311  | 2406373    | 18.545 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.909  | 2384612    | 18.284 ug/ml |
| 8) T n-Octadecane (C18)        | 11.347 | 2404865    | 17.981 ug/ml |
| 10) T n-Eicosane (C20)         | 12.653 | 2336893    | 17.620 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.263 | 2330975    | 17.408 ug/ml |
| 13) T n-Docosane (C22)         | 13.848 | 2282111    | 17.204 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.947 | 2225066    | 16.793 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.964 | 2126650    | 16.522 ug/ml |
| 16) T n-Octacosane (C28)       | 16.910 | 2054316    | 16.292 ug/ml |
| 17) T n-Tricontane (C30)       | 17.794 | 1998405    | 16.384 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.623 | 1934051    | 16.682 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.403 | 1929343    | 17.873 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.138 | 1885063    | 19.265 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.880 | 1848174    | 20.587 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.805 | 1930723    | 21.917 ug/ml |
| -----                          |        |            |              |

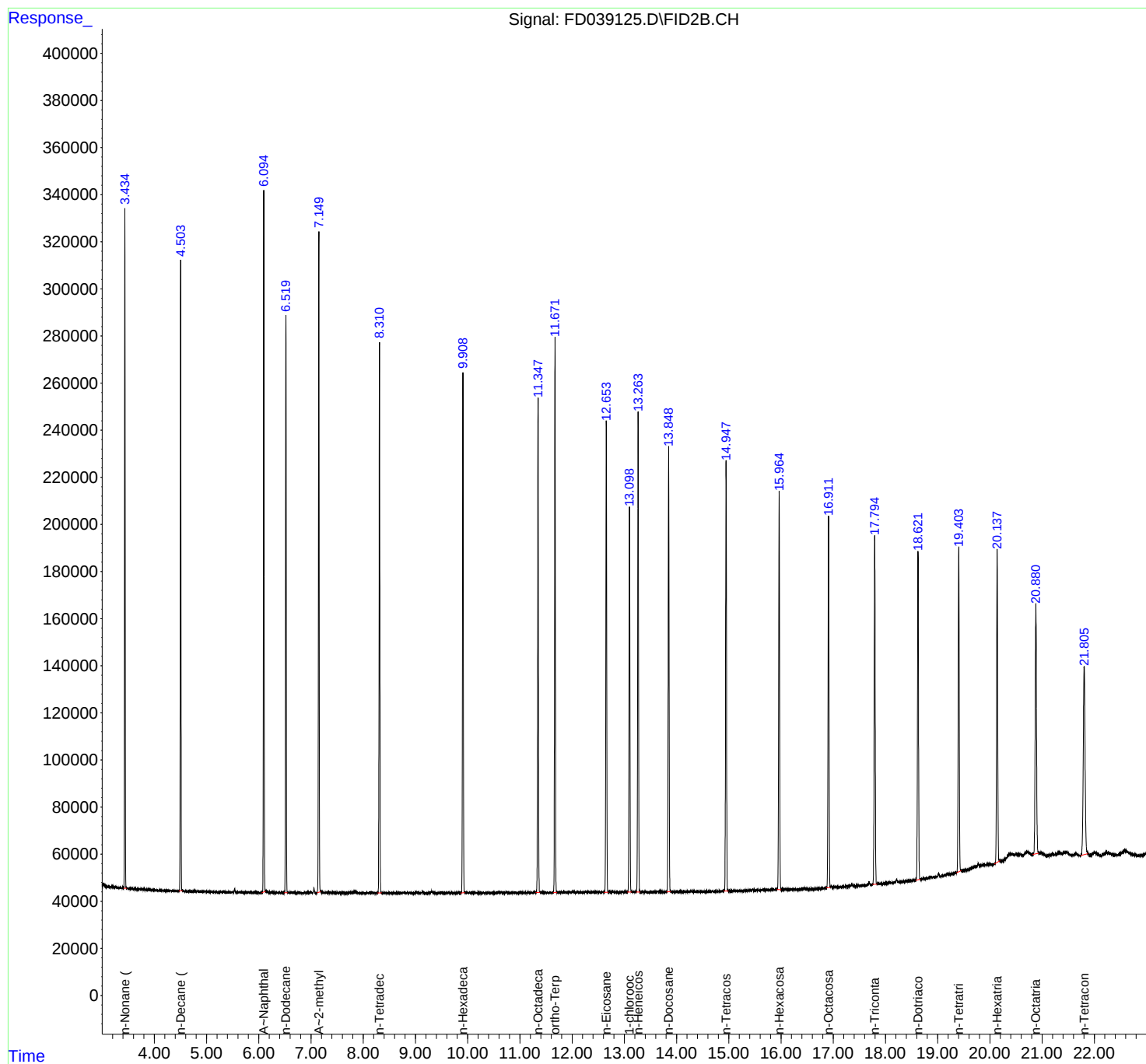
(f)=RT Delta > 1/2 Window

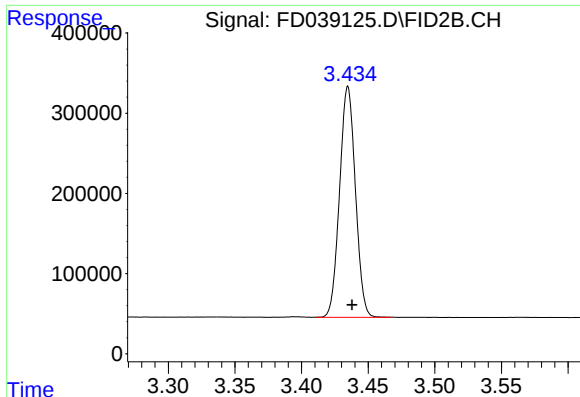
(m)=manual int.

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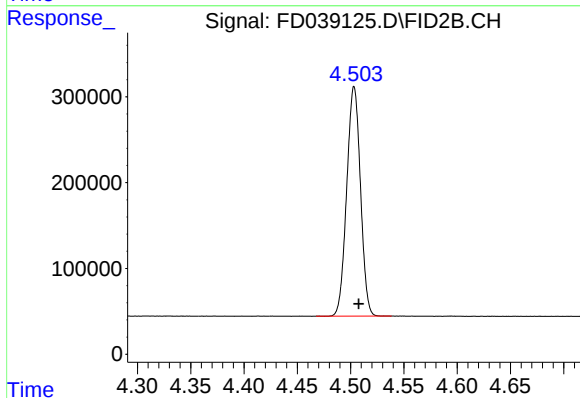
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Signal Info : 20M x 0.18mm x 0.18um





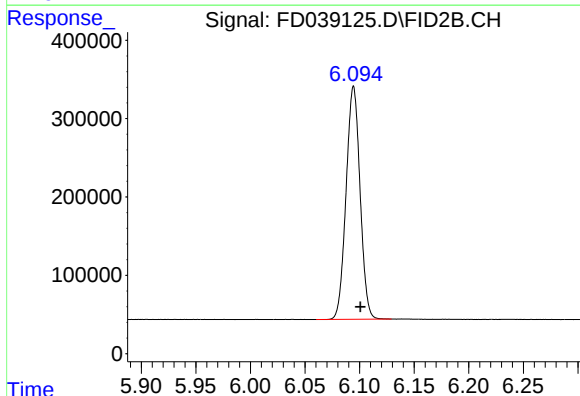
#1 n-Nonane (C9)

R.T.: 3.435 min  
Delta R.T.: -0.003 min  
Response: 2379599  
Conc: 18.86 ug/ml



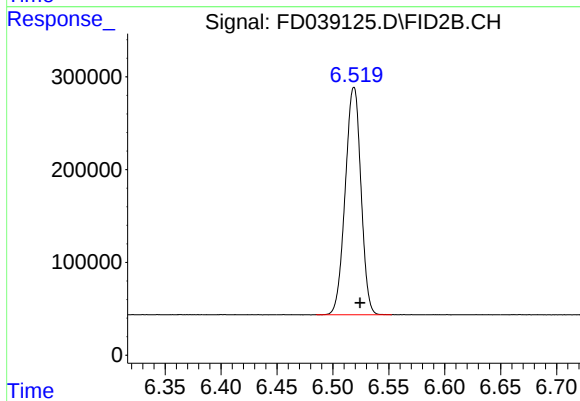
#2 n-Decane (C10)

R.T.: 4.503 min  
Delta R.T.: -0.004 min  
Response: 2404414  
Conc: 18.84 ug/ml



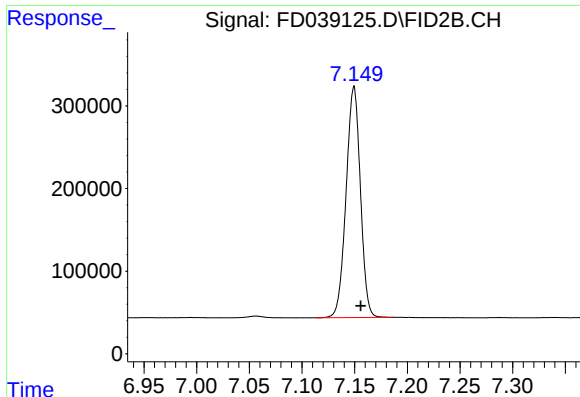
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min  
Delta R.T.: -0.006 min  
Response: 2649353  
Conc: 18.61 ug/ml



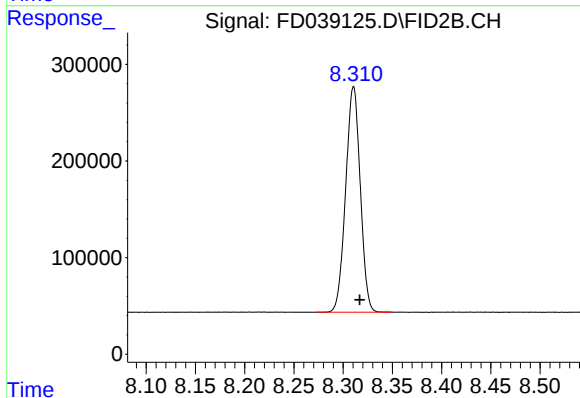
#4 n-Dodecane (C12)

R.T.: 6.519 min  
Delta R.T.: -0.005 min  
Response: 2403879  
Conc: 18.77 ug/ml



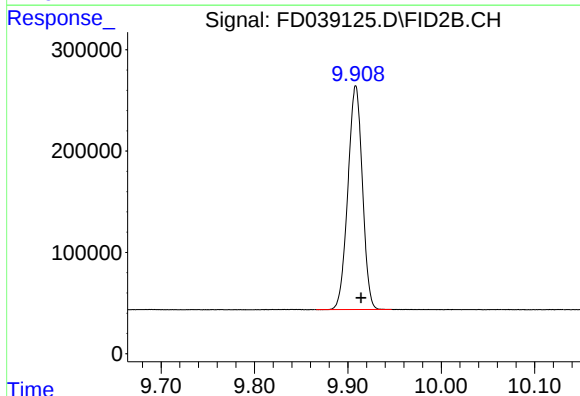
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.149 min  
Delta R.T.: -0.006 min  
Response: 2644002  
Conc: 18.47 ug/ml



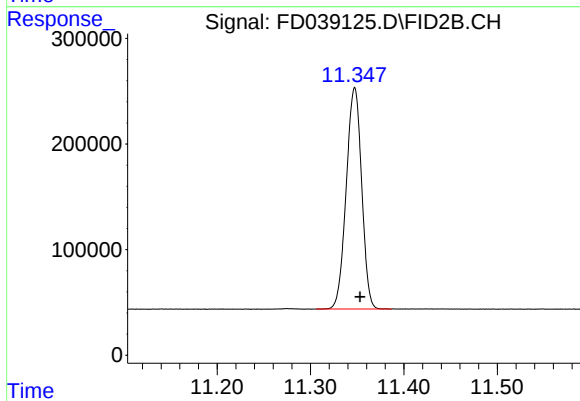
#6 n-Tetradecane (C14)

R.T.: 8.311 min  
Delta R.T.: -0.006 min  
Response: 2406373  
Conc: 18.54 ug/ml



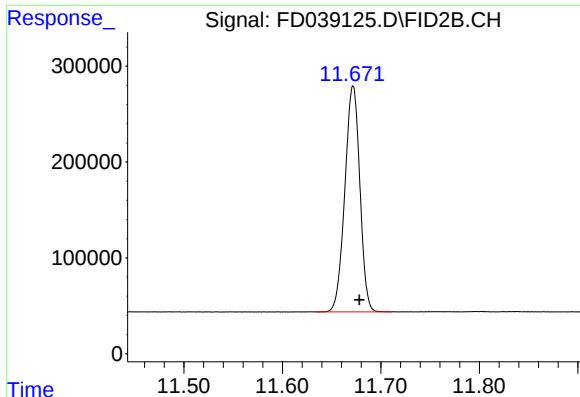
#7 n-Hexadecane (C16)

R.T.: 9.909 min  
Delta R.T.: -0.006 min  
Response: 2384612  
Conc: 18.28 ug/ml



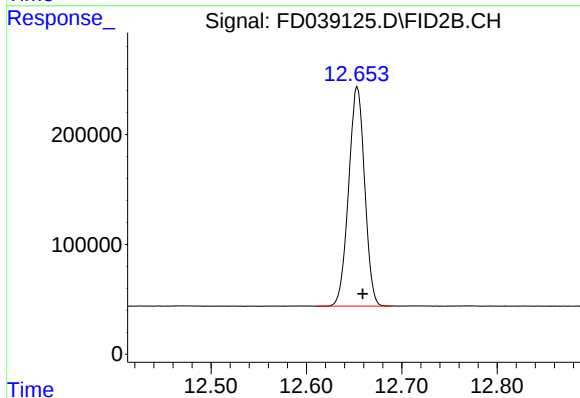
#8 n-Octadecane (C18)

R.T.: 11.347 min  
Delta R.T.: -0.006 min  
Response: 2404865  
Conc: 17.98 ug/ml



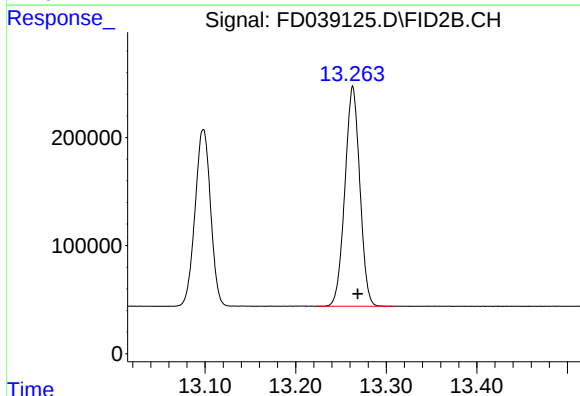
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min  
Delta R.T.: -0.006 min  
Response: 2495193  
Conc: 17.58 ug/ml



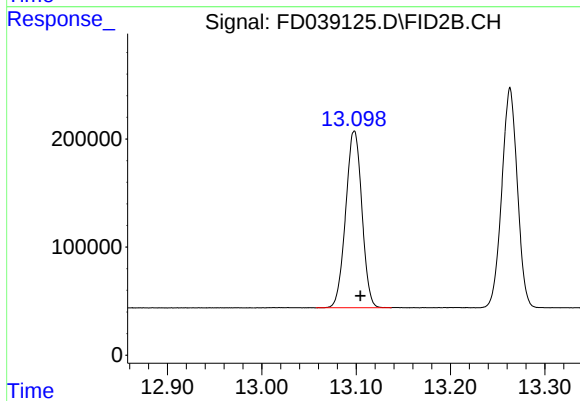
#10 n-Eicosane (C20)

R.T.: 12.653 min  
Delta R.T.: -0.006 min  
Response: 2336893  
Conc: 17.62 ug/ml



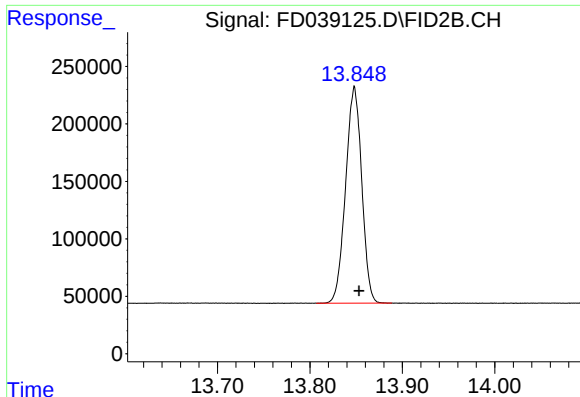
#11 n-Heneicosane (C21)

R.T.: 13.263 min  
Delta R.T.: -0.006 min  
Response: 2330975  
Conc: 17.41 ug/ml



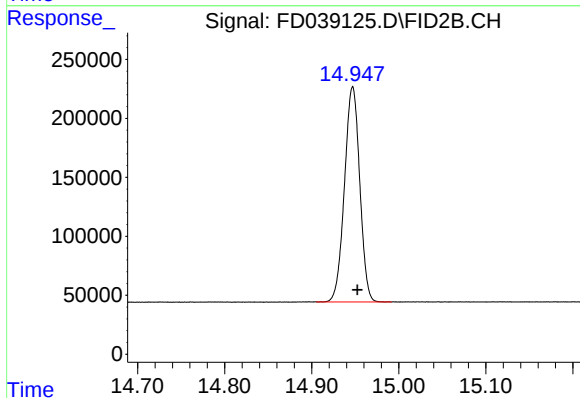
#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min  
Delta R.T.: -0.006 min  
Response: 1947226  
Conc: 17.32 ug/ml



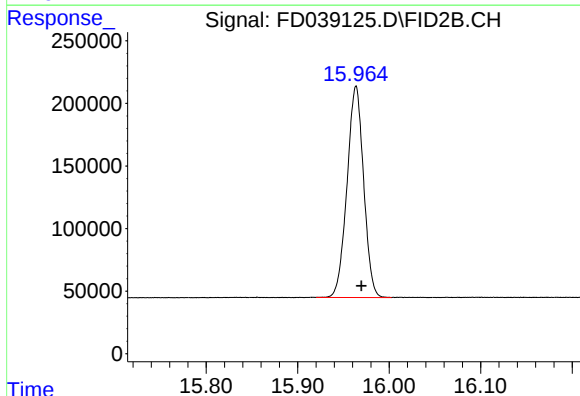
#13 n-Docosane (C22)

R.T.: 13.848 min  
Delta R.T.: -0.005 min  
Response: 2282111  
Conc: 17.20 ug/ml



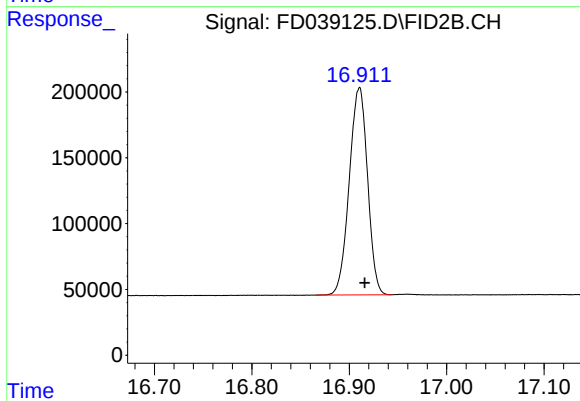
#14 n-Tetracosane (C24)

R.T.: 14.947 min  
Delta R.T.: -0.005 min  
Response: 2225066  
Conc: 16.79 ug/ml



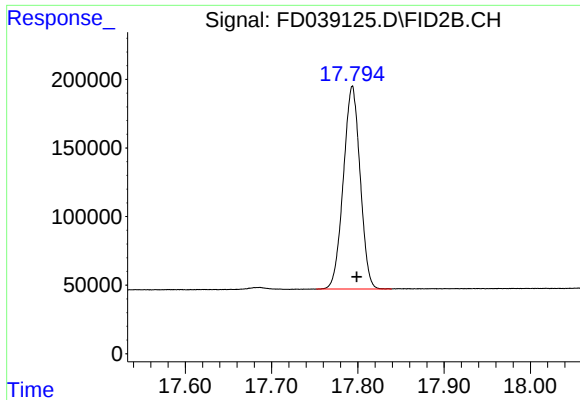
#15 n-Hexacosane (C26)

R.T.: 15.964 min  
Delta R.T.: -0.006 min  
Response: 2126650  
Conc: 16.52 ug/ml



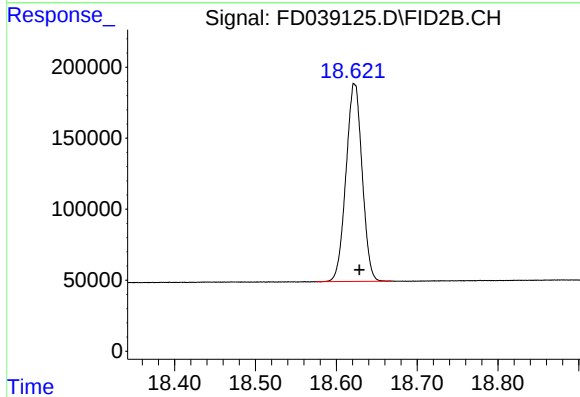
#16 n-Octacosane (C28)

R.T.: 16.910 min  
Delta R.T.: -0.005 min  
Response: 2054316  
Conc: 16.29 ug/ml



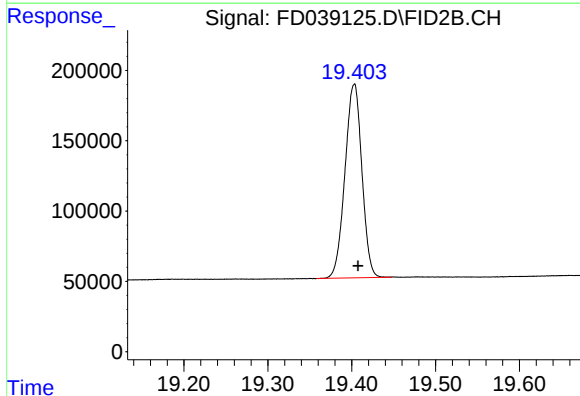
#17 n-Tricontane (C30)

R.T.: 17.794 min  
Delta R.T.: -0.005 min  
Response: 1998405  
Conc: 16.38 ug/ml



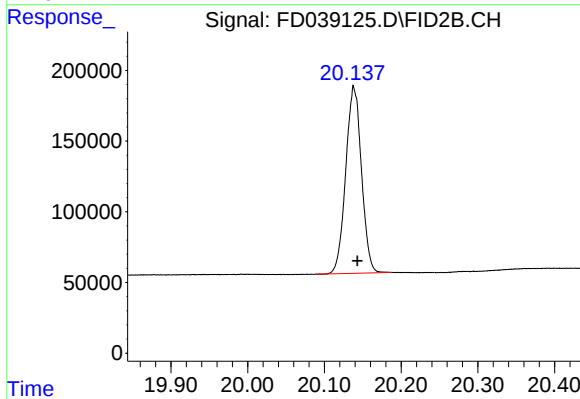
#18 n-Dotriacontane (C32)

R.T.: 18.623 min  
Delta R.T.: -0.006 min  
Response: 1934051  
Conc: 16.68 ug/ml



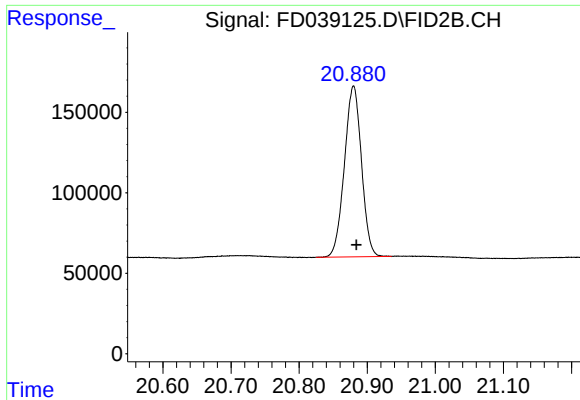
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min  
Delta R.T.: -0.005 min  
Response: 1929343  
Conc: 17.87 ug/ml



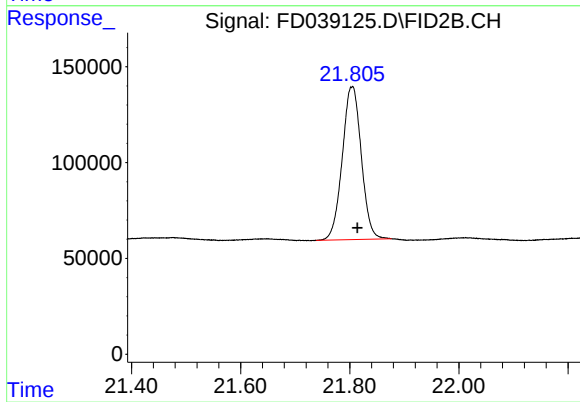
#20 n-Hexatriacontane (C36)

R.T.: 20.138 min  
Delta R.T.: -0.005 min  
Response: 1885063  
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.880 min  
Delta R.T.: -0.004 min  
Response: 1848174  
Conc: 20.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.805 min  
Delta R.T.: -0.009 min  
Response: 1930723  
Conc: 21.92 ug/ml