

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061819AL\  
 Data File : FC041868.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Jun 2019 10:44  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 19 11:37:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 07:03:58 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)    | 11.714 | 2389016    | 17.957 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.91%       |
| 12) S 1-chlorooctadecane (S... | 13.138 | 1912287    | 17.403 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.81%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.495  | 2363518    | 20.338 ug/ml |
| 2) T n-Decane (C10)            | 4.562  | 2415371    | 20.526 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.152  | 2660671    | 20.019 ug/ml |
| 4) T n-Dodecane (C12)          | 6.571  | 2423085    | 20.403 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.203  | 2638112    | 19.814 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.357  | 2425935    | 20.074 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.951  | 2390596    | 19.507 ug/ml |
| 8) T n-Octadecane (C18)        | 11.388 | 2333315    | 18.831 ug/ml |
| 10) T n-Eicosane (C20)         | 12.692 | 2277264    | 17.998 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.302 | 2217882    | 17.567 ug/ml |
| 13) T n-Docosane (C22)         | 13.887 | 2192395    | 17.352 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.987 | 2166268    | 17.025 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.005 | 2113936    | 17.027 ug/ml |
| 16) T n-Octacosane (C28)       | 16.952 | 2121274    | 17.409 ug/ml |
| 17) T n-Tricontane (C30)       | 17.837 | 2070362    | 17.761 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.668 | 1936604    | 17.936 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.450 | 1569761    | 18.242 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.189 | 1525529    | 19.681 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.943 | 1351088    | 20.432 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.890 | 1301567    | 19.265 ug/ml |
| -----                          |        |            |              |

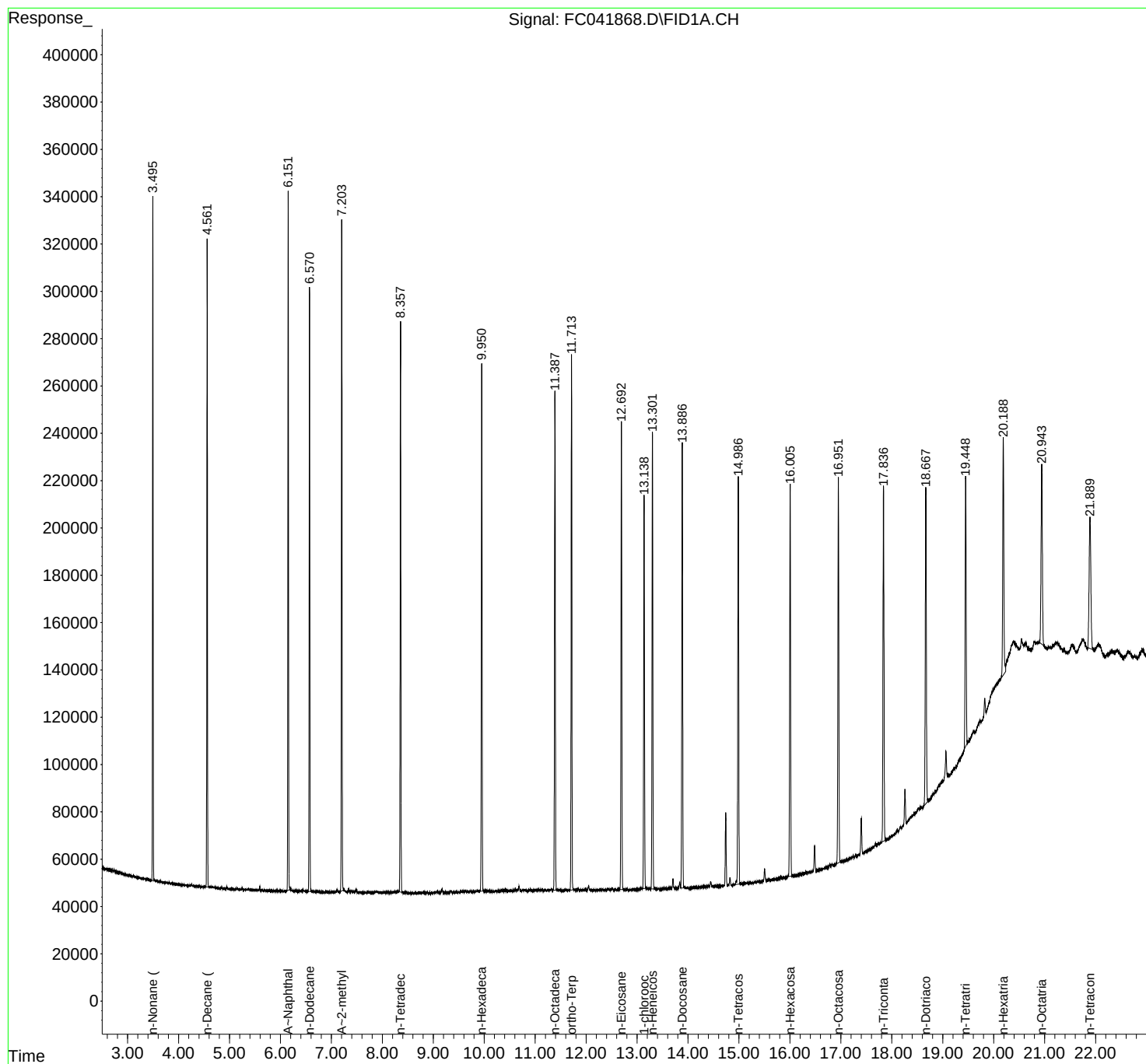
(f)=RT Delta > 1/2 Window

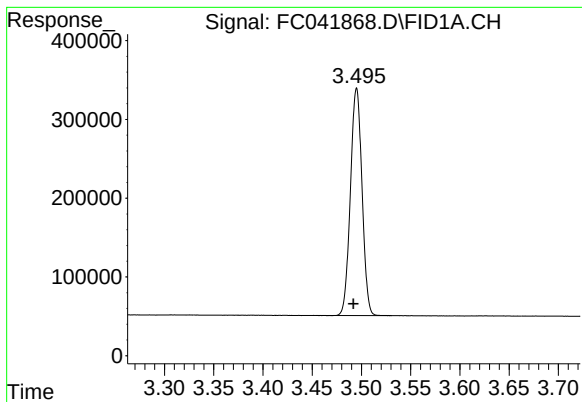
(m)=manual int.

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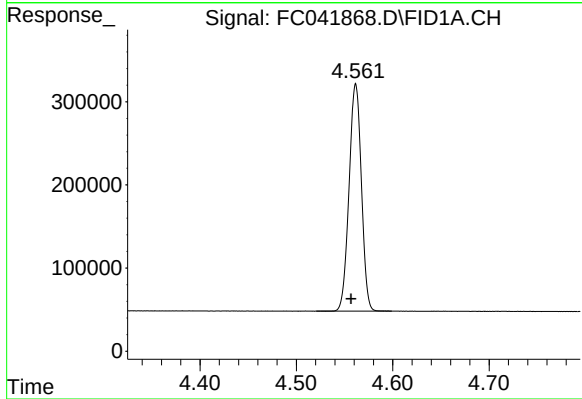
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





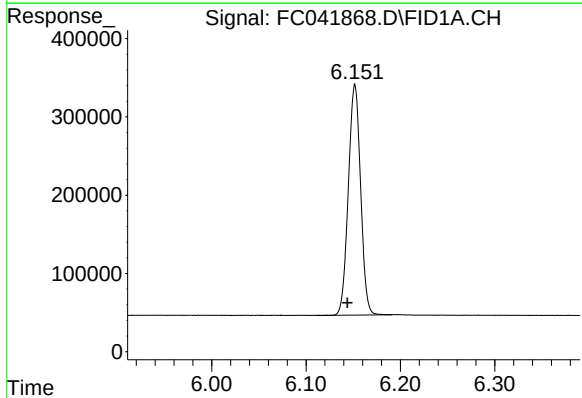
#1 n-Nonane (C9)

R.T.: 3.495 min  
Delta R.T.: 0.003 min  
Response: 2363518  
Conc: 20.34 ug/ml



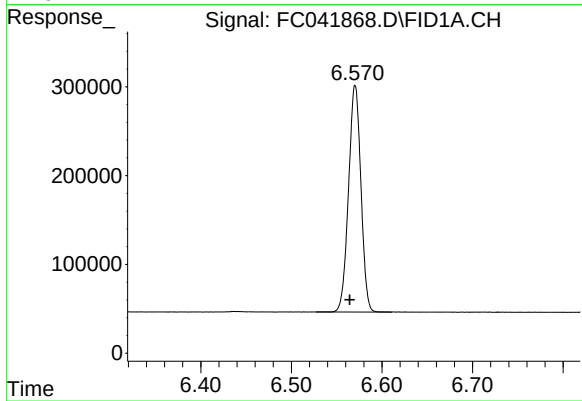
#2 n-Decane (C10)

R.T.: 4.562 min  
Delta R.T.: 0.005 min  
Response: 2415371  
Conc: 20.53 ug/ml



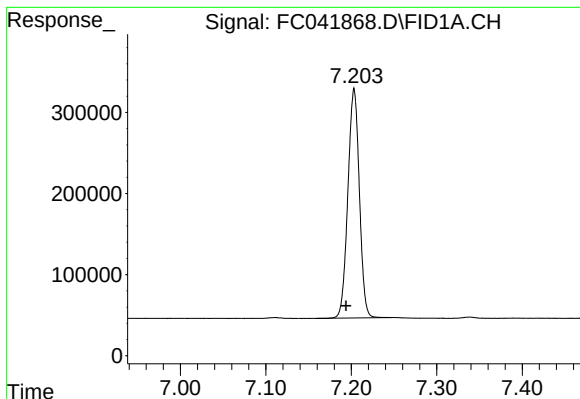
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min  
Delta R.T.: 0.008 min  
Response: 2660671  
Conc: 20.02 ug/ml



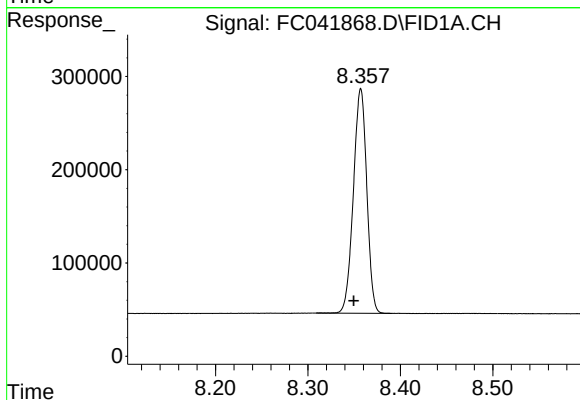
#4 n-Dodecane (C12)

R.T.: 6.571 min  
Delta R.T.: 0.006 min  
Response: 2423085  
Conc: 20.40 ug/ml



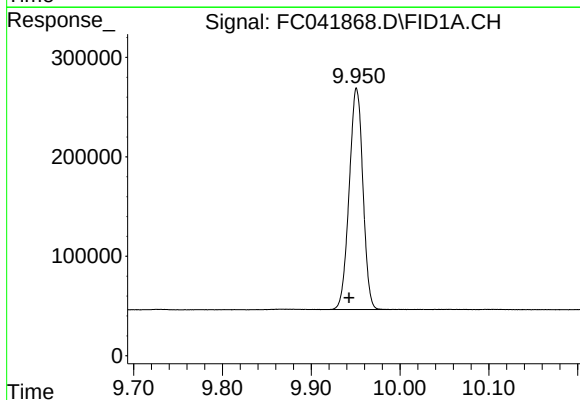
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.203 min  
Delta R.T.: 0.009 min  
Response: 2638112  
Conc: 19.81 ug/ml



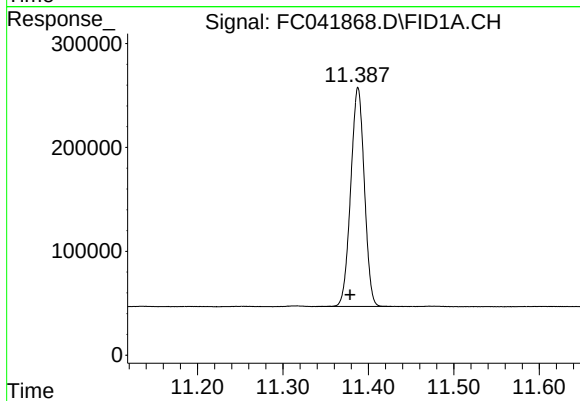
#6 n-Tetradecane (C14)

R.T.: 8.357 min  
Delta R.T.: 0.008 min  
Response: 2425935  
Conc: 20.07 ug/ml



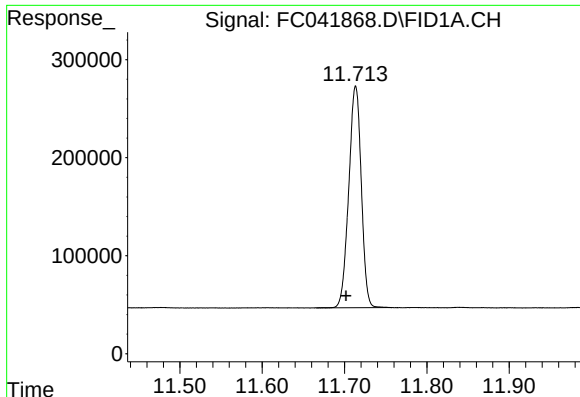
#7 n-Hexadecane (C16)

R.T.: 9.951 min  
Delta R.T.: 0.008 min  
Response: 2390596  
Conc: 19.51 ug/ml



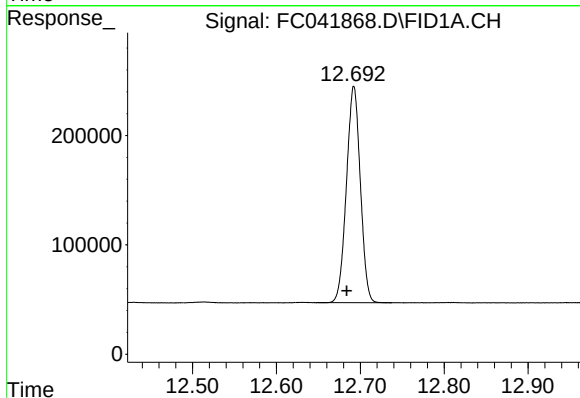
#8 n-Octadecane (C18)

R.T.: 11.388 min  
Delta R.T.: 0.009 min  
Response: 2333315  
Conc: 18.83 ug/ml



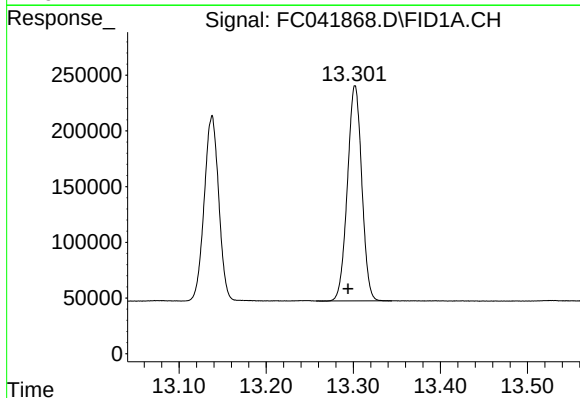
#9 ortho-Terphenyl (SURR)

R.T.: 11.714 min  
Delta R.T.: 0.011 min  
Response: 2389016  
Conc: 17.96 ug/ml



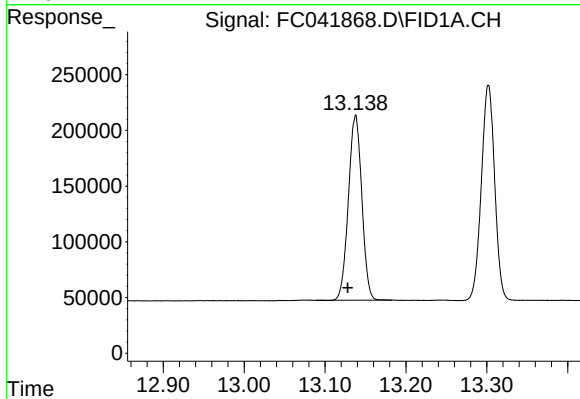
#10 n-Eicosane (C20)

R.T.: 12.692 min  
Delta R.T.: 0.008 min  
Response: 2277264  
Conc: 18.00 ug/ml



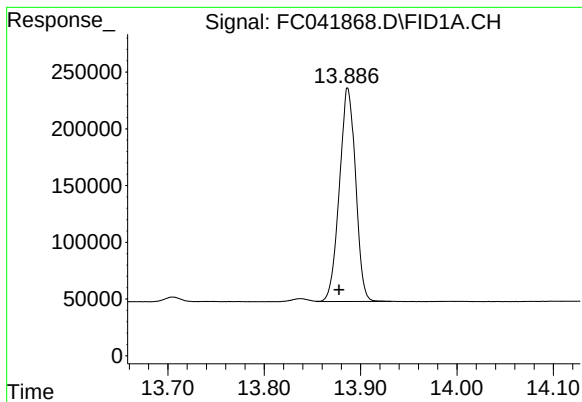
#11 n-Heneicosane (C21)

R.T.: 13.302 min  
Delta R.T.: 0.008 min  
Response: 2217882  
Conc: 17.57 ug/ml



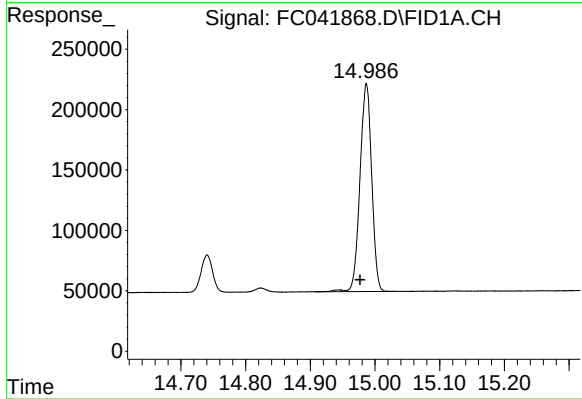
#12 1-chlorooctadecane (SURR)

R.T.: 13.138 min  
Delta R.T.: 0.010 min  
Response: 1912287  
Conc: 17.40 ug/ml



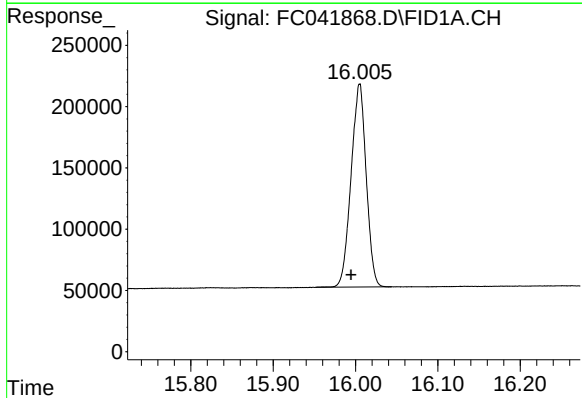
#13 n-Docosane (C22)

R.T.: 13.887 min  
Delta R.T.: 0.009 min  
Response: 2192395  
Conc: 17.35 ug/ml



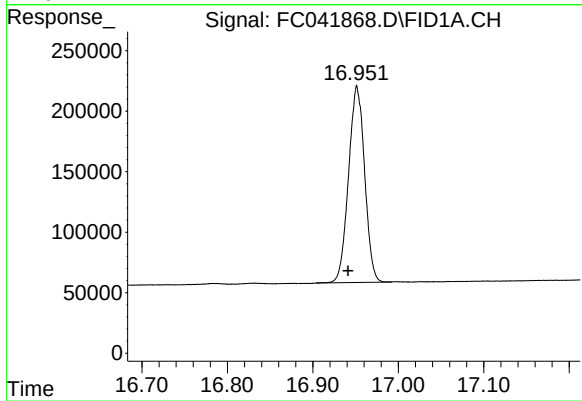
#14 n-Tetracosane (C24)

R.T.: 14.987 min  
Delta R.T.: 0.010 min  
Response: 2166268  
Conc: 17.03 ug/ml



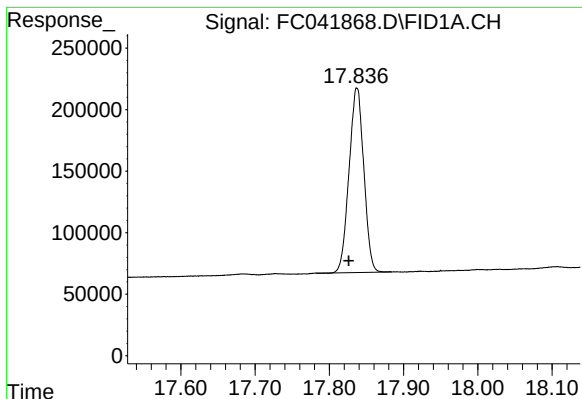
#15 n-Hexacosane (C26)

R.T.: 16.005 min  
Delta R.T.: 0.011 min  
Response: 2113936  
Conc: 17.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min  
Delta R.T.: 0.010 min  
Response: 2121274  
Conc: 17.41 ug/ml



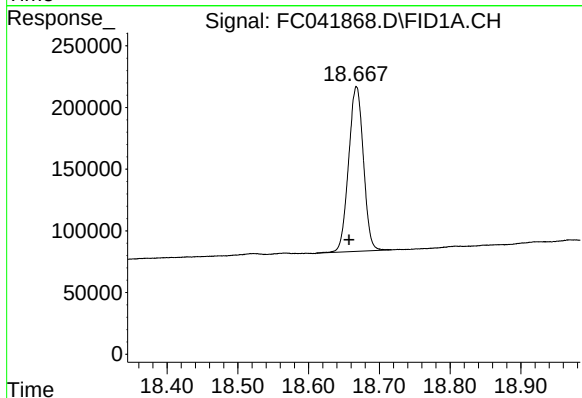
#17 n-Tricontane (C30)

R.T.: 17.837 min

Delta R.T.: 0.011 min

Response: 2070362

Conc: 17.76 ug/ml



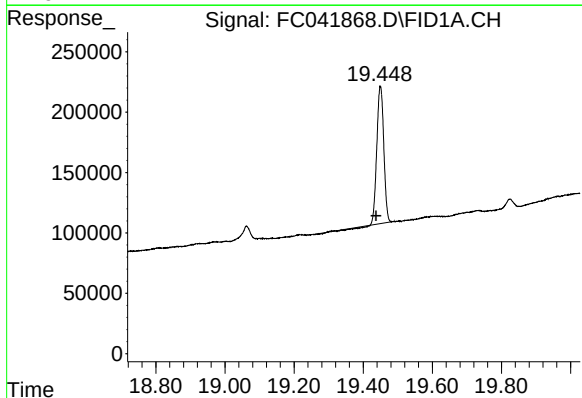
#18 n-Dotriacontane (C32)

R.T.: 18.668 min

Delta R.T.: 0.011 min

Response: 1936604

Conc: 17.94 ug/ml



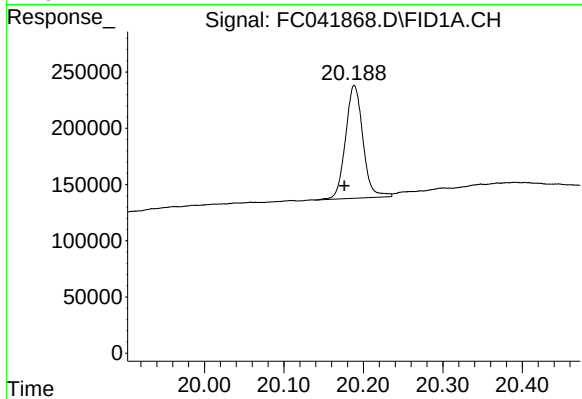
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min

Delta R.T.: 0.012 min

Response: 1569761

Conc: 18.24 ug/ml



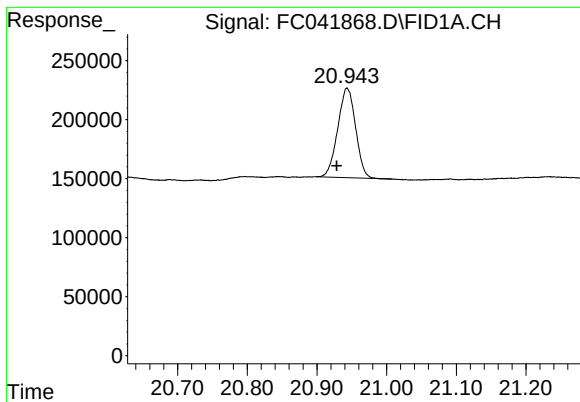
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min

Delta R.T.: 0.012 min

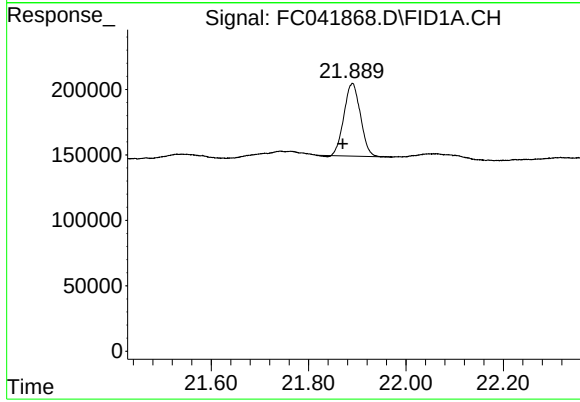
Response: 1525529

Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.943 min  
Delta R.T.: 0.015 min  
Response: 1351088  
Conc: 20.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.890 min  
Delta R.T.: 0.020 min  
Response: 1301567  
Conc: 19.27 ug/ml