

Data Path : Z:\bestpcbsrv\HPCHEM1\FID C\Data\FC081718AL\  
 Data File : FC035960.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Aug 2018 4:57  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 18 05:37:26 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 080218.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 02 15:00:20 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

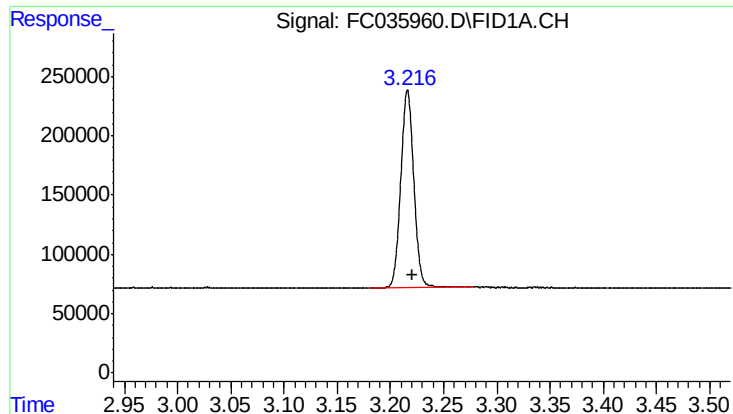
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.418 | 2100038    | 20.738 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.48%        |
| 12) S 1-chlorooctadecane (S... | 12.857 | 1436078    | 18.637 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.27%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.216  | 1417649    | 20.410 ug/ml  |
| 2) T n-Decane (C10)            | 4.284  | 1473804    | 20.942 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.858  | 1906451    | 23.704 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.298  | 1583534    | 21.584 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 6.909  | 1944990    | 23.750 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.084  | 1670746    | 21.332 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.677  | 1708249    | 20.258 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.113 | 1700564    | 19.212 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.416 | 1679594    | 18.642 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.026 | 1656262    | 18.494 ug/ml  |
| 13) T n-Docosane (C22)         | 13.611 | 1632525    | 18.591 ug/mlm |
| 14) T n-Tetracosane (C24)      | 14.710 | 1637740    | 19.068 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.727 | 1616284    | 19.234 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.674 | 1635793    | 18.766 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.556 | 1665477    | 17.044 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.386 | 1693702    | 18.507 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.168 | 1588465    | 18.610 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.905 | 1542081    | 19.711 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.618 | 1437011    | 18.805 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.467 | 1267170    | 16.581 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

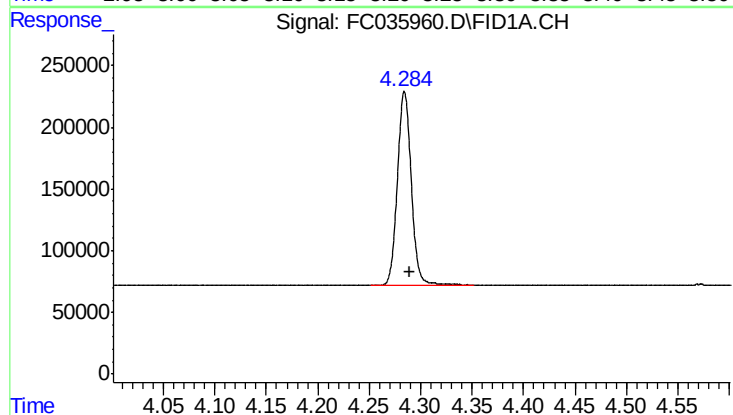
(m)=manual int.





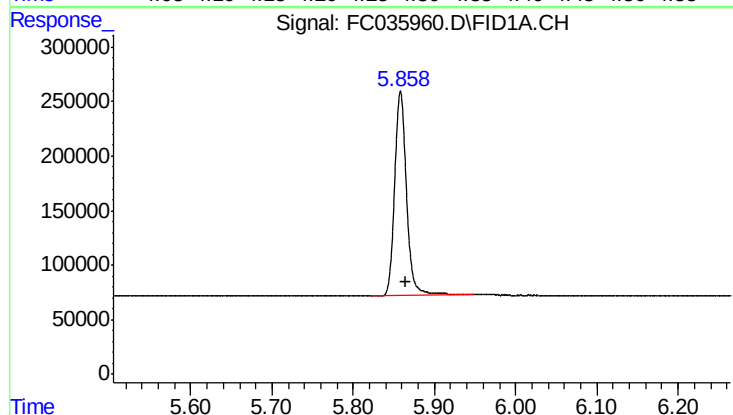
#1 n-Nonane (C9)

R.T.: 3.216 min  
Delta R.T.: -0.004 min  
Response: 1417649  
Conc: 20.41 ug/ml



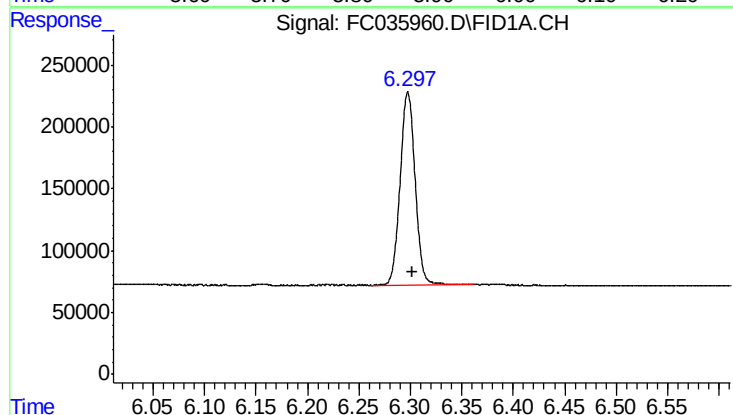
#2 n-Decane (C10)

R.T.: 4.284 min  
Delta R.T.: -0.005 min  
Response: 1473804  
Conc: 20.94 ug/ml



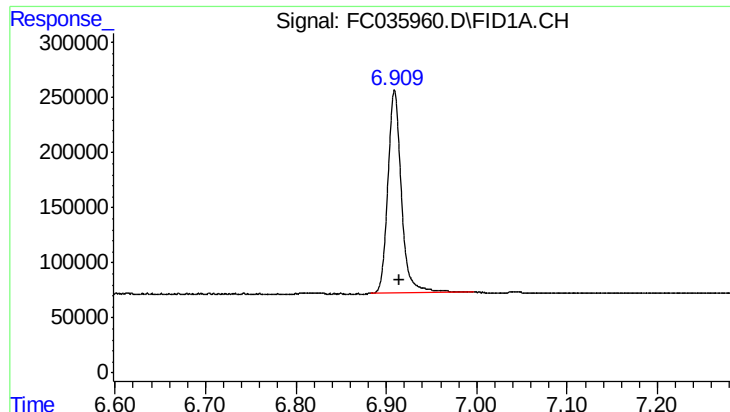
#3 A-Naphthalene (C11.7)

R.T.: 5.858 min  
Delta R.T.: -0.006 min  
Response: 1906451  
Conc: 23.70 ug/ml



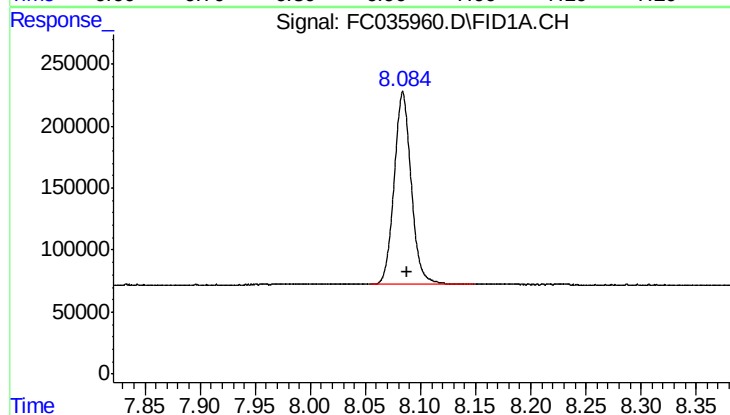
#4 n-Dodecane (C12)

R.T.: 6.298 min  
Delta R.T.: -0.004 min  
Response: 1583534  
Conc: 21.58 ug/ml



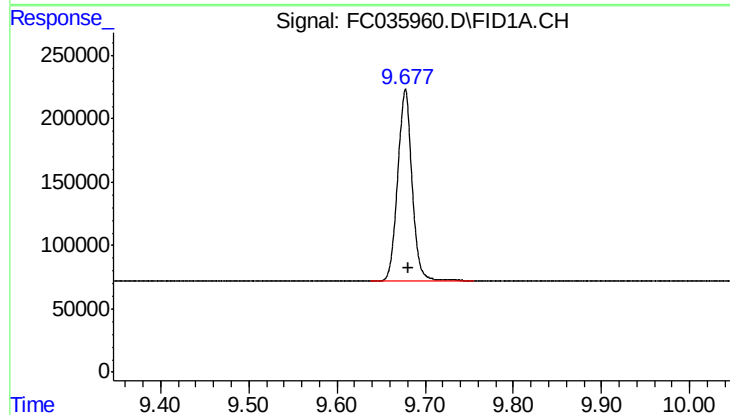
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.909 min  
Delta R.T.: -0.006 min  
Response: 1944990  
Conc: 23.75 ug/ml m



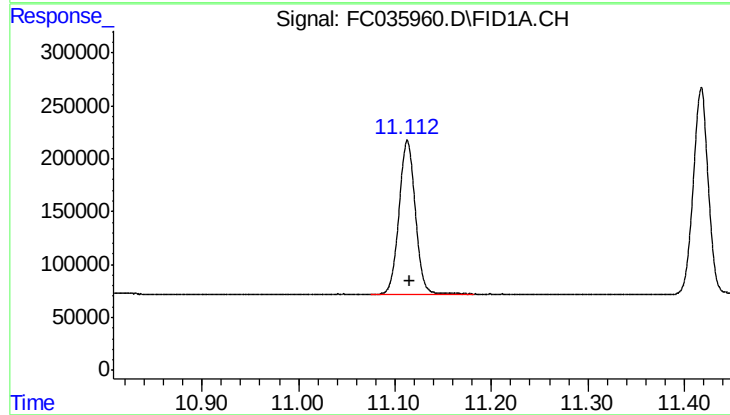
#6 n-Tetradecane (C14)

R.T.: 8.084 min  
Delta R.T.: -0.004 min  
Response: 1670746  
Conc: 21.33 ug/ml



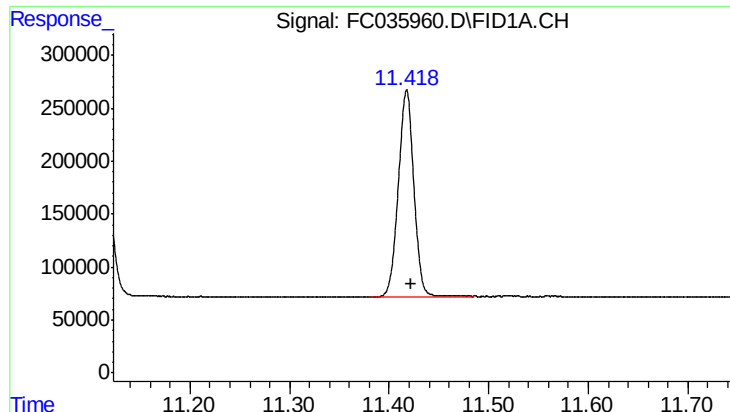
#7 n-Hexadecane (C16)

R.T.: 9.677 min  
Delta R.T.: -0.004 min  
Response: 1708249  
Conc: 20.26 ug/ml



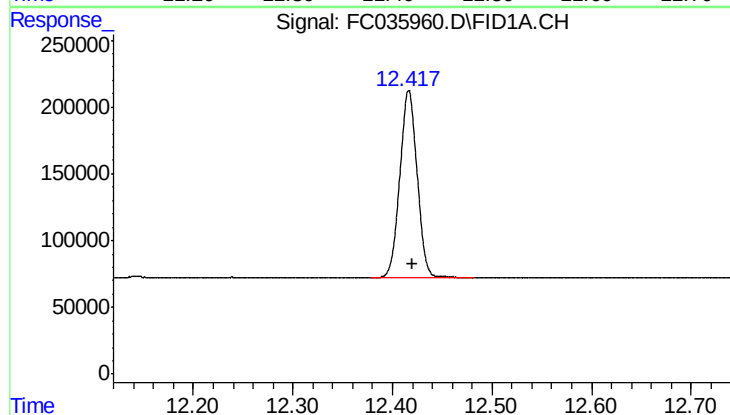
#8 n-Octadecane (C18)

R.T.: 11.113 min  
Delta R.T.: -0.003 min  
Response: 1700564  
Conc: 19.21 ug/ml



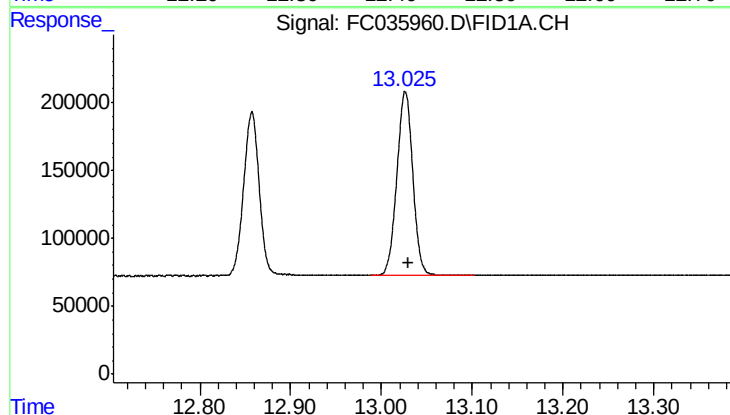
#9 ortho-Terphenyl (SURR)

R.T.: 11.418 min  
Delta R.T.: -0.004 min  
Response: 2100038  
Conc: 20.74 ug/ml



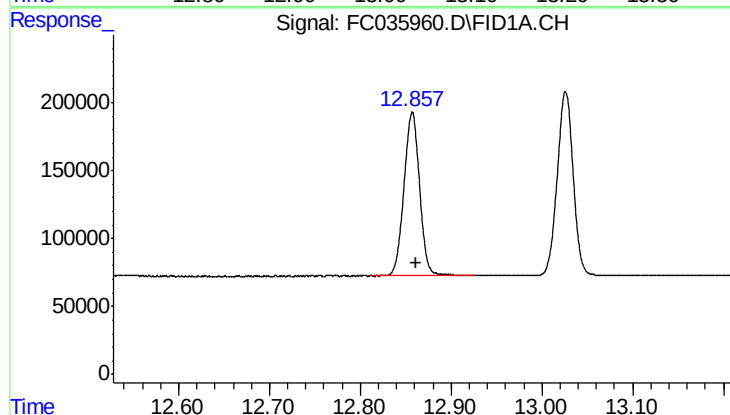
#10 n-Eicosane (C20)

R.T.: 12.416 min  
Delta R.T.: -0.003 min  
Response: 1679594  
Conc: 18.64 ug/ml



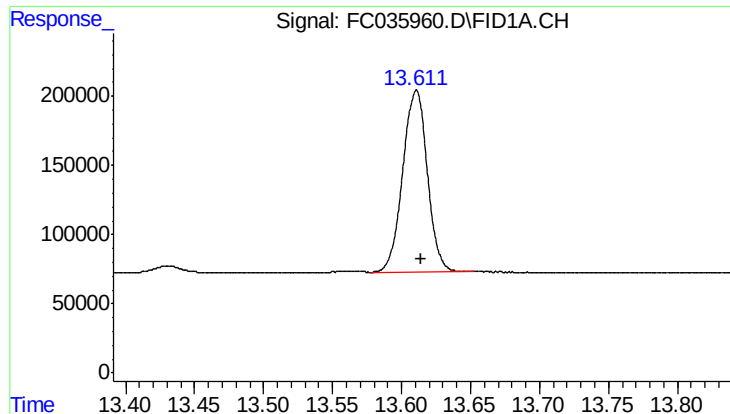
#11 n-Heneicosane (C21)

R.T.: 13.026 min  
Delta R.T.: -0.004 min  
Response: 1656262  
Conc: 18.49 ug/ml



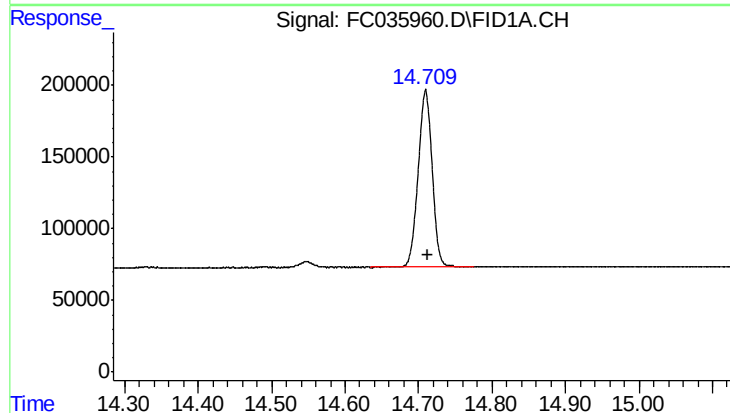
#12 1-chlorooctadecane (SURR)

R.T.: 12.857 min  
Delta R.T.: -0.004 min  
Response: 1436078  
Conc: 18.64 ug/ml



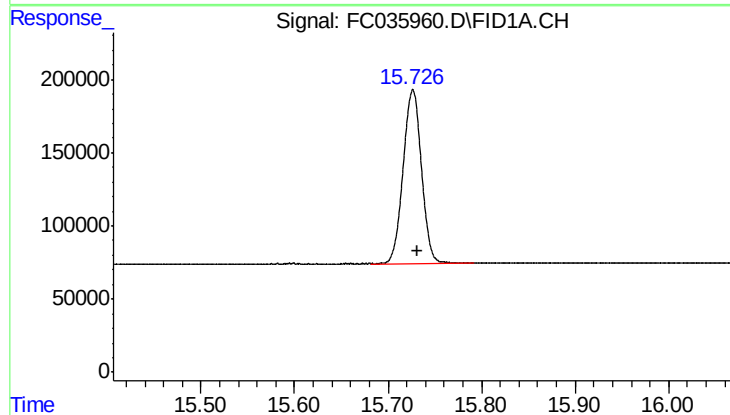
#13 n-Docosane (C22)

R.T.: 13.611 min  
Delta R.T.: -0.004 min  
Response: 1632525  
Conc: 18.59 ug/ml m



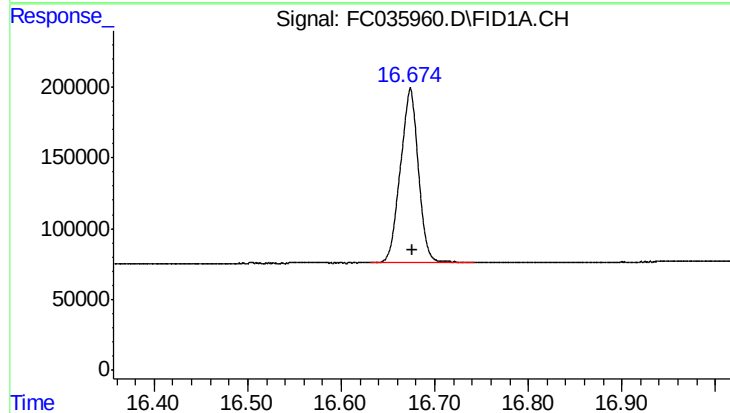
#14 n-Tetracosane (C24)

R.T.: 14.710 min  
Delta R.T.: -0.003 min  
Response: 1637740  
Conc: 19.07 ug/ml



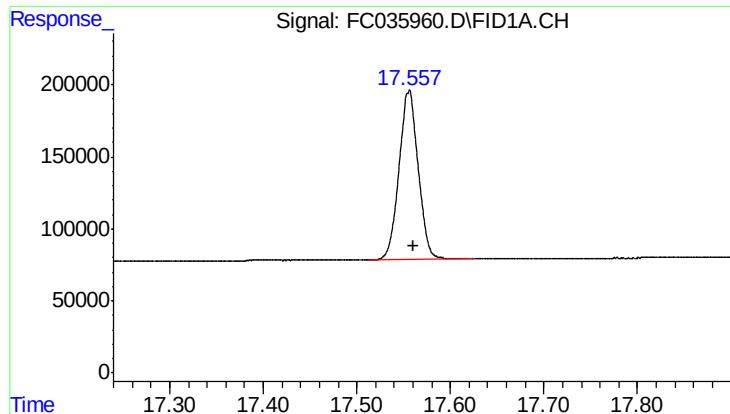
#15 n-Hexacosane (C26)

R.T.: 15.727 min  
Delta R.T.: -0.004 min  
Response: 1616284  
Conc: 19.23 ug/ml



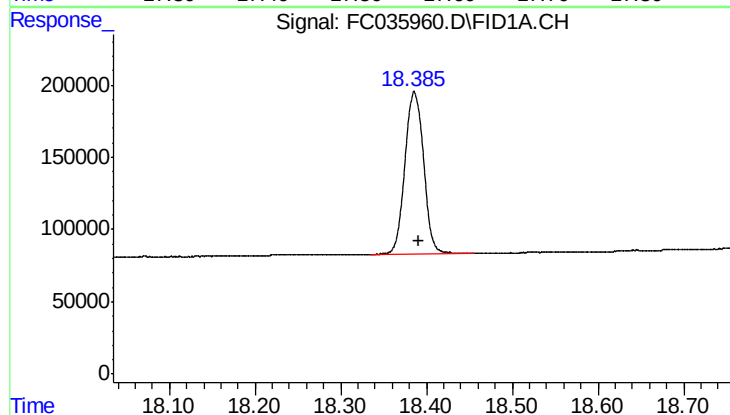
#16 n-Octacosane (C28)

R.T.: 16.674 min  
Delta R.T.: -0.003 min  
Response: 1635793  
Conc: 18.77 ug/ml



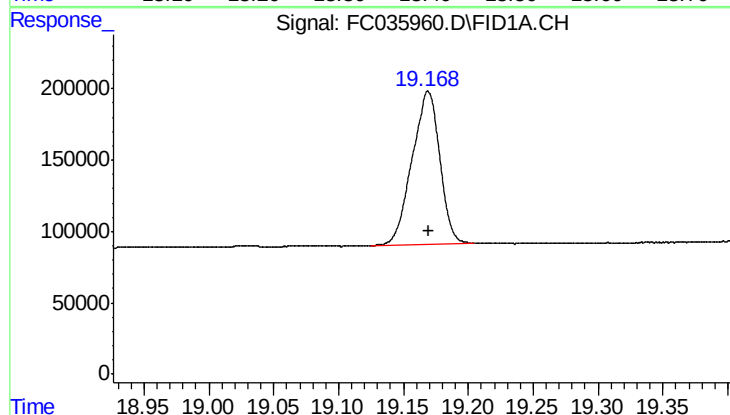
#17 n-Tricontane (C30)

R.T.: 17.556 min  
Delta R.T.: -0.005 min  
Response: 1665477  
Conc: 17.04 ug/ml



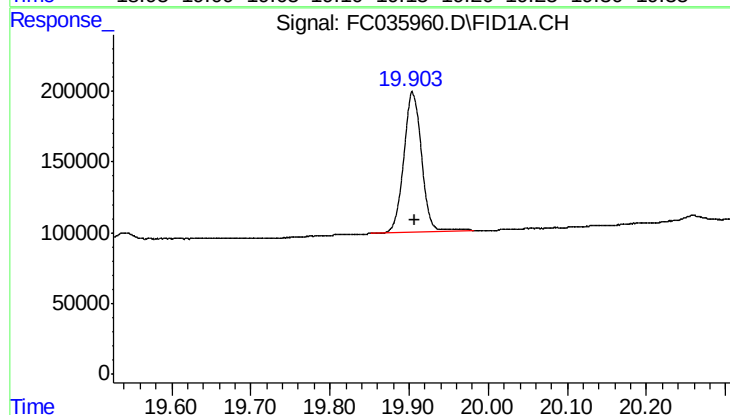
#18 n-Dotriacontane (C32)

R.T.: 18.386 min  
Delta R.T.: -0.006 min  
Response: 1693702  
Conc: 18.51 ug/ml



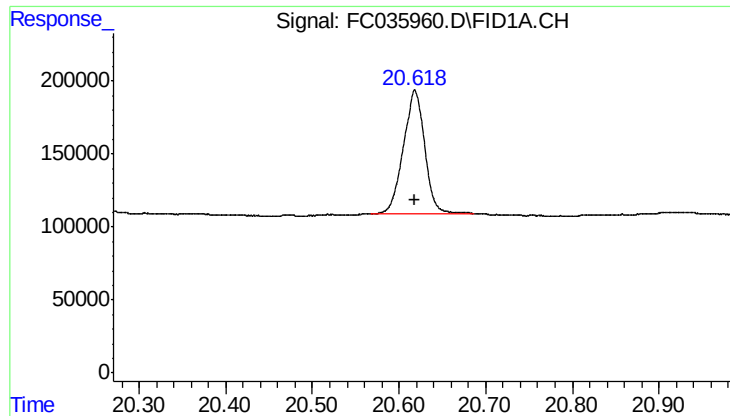
#19 n-Tetratriacontane (C34)

R.T.: 19.168 min  
Delta R.T.: -0.001 min  
Response: 1588465  
Conc: 18.61 ug/ml m



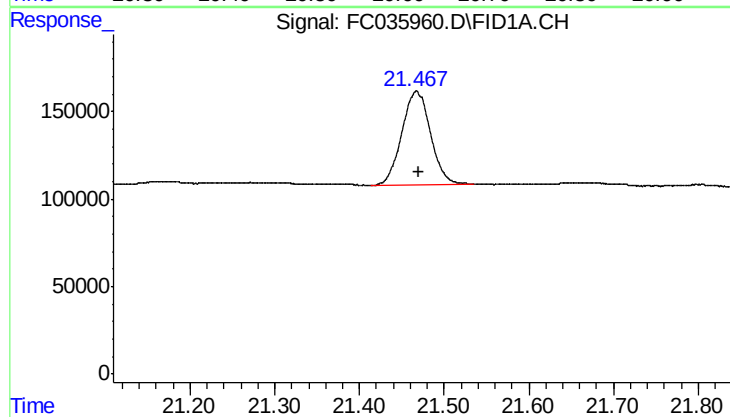
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min  
Delta R.T.: -0.003 min  
Response: 1542081  
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.618 min  
Delta R.T.: -0.001 min  
Response: 1437011  
Conc: 18.80 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.467 min  
Delta R.T.: -0.003 min  
Response: 1267170  
Conc: 16.58 ug/ml m