

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101420AL\  
 Data File : FC050085.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Oct 2020 12:44  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 15 02:19:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 07 04:53:04 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)    | 11.639 | 2233927    | 19.930 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.86%        |
| 12) S 1-chlorooctadecane (S... | 13.073 | 1718707    | 19.841 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.68%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.381  | 2102267    | 21.214 ug/ml  |
| 2) T n-Decane (C10)            | 4.453  | 2119804    | 21.292 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.048  | 2311034    | 20.968 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.476  | 2140200    | 21.211 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.106  | 2330759    | 20.940 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.273  | 2110878    | 21.071 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.875  | 2051298    | 20.814 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.317 | 2115319    | 20.483 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.626 | 2095542    | 20.139 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.238 | 2067765    | 19.899 ug/ml  |
| 13) T n-Docosane (C22)         | 13.824 | 2060801    | 19.853 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.926 | 2019832    | 19.446 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.947 | 1958712    | 19.008 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.895 | 1945360    | 18.797 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.782 | 1914713    | 18.763 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.614 | 1806917    | 18.809 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.395 | 1734677    | 18.912 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.132 | 1681125    | 18.980 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.882 | 1585397    | 19.227 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.818 | 1629057    | 19.481 ug/ml  |
| -----                          |        |            |               |

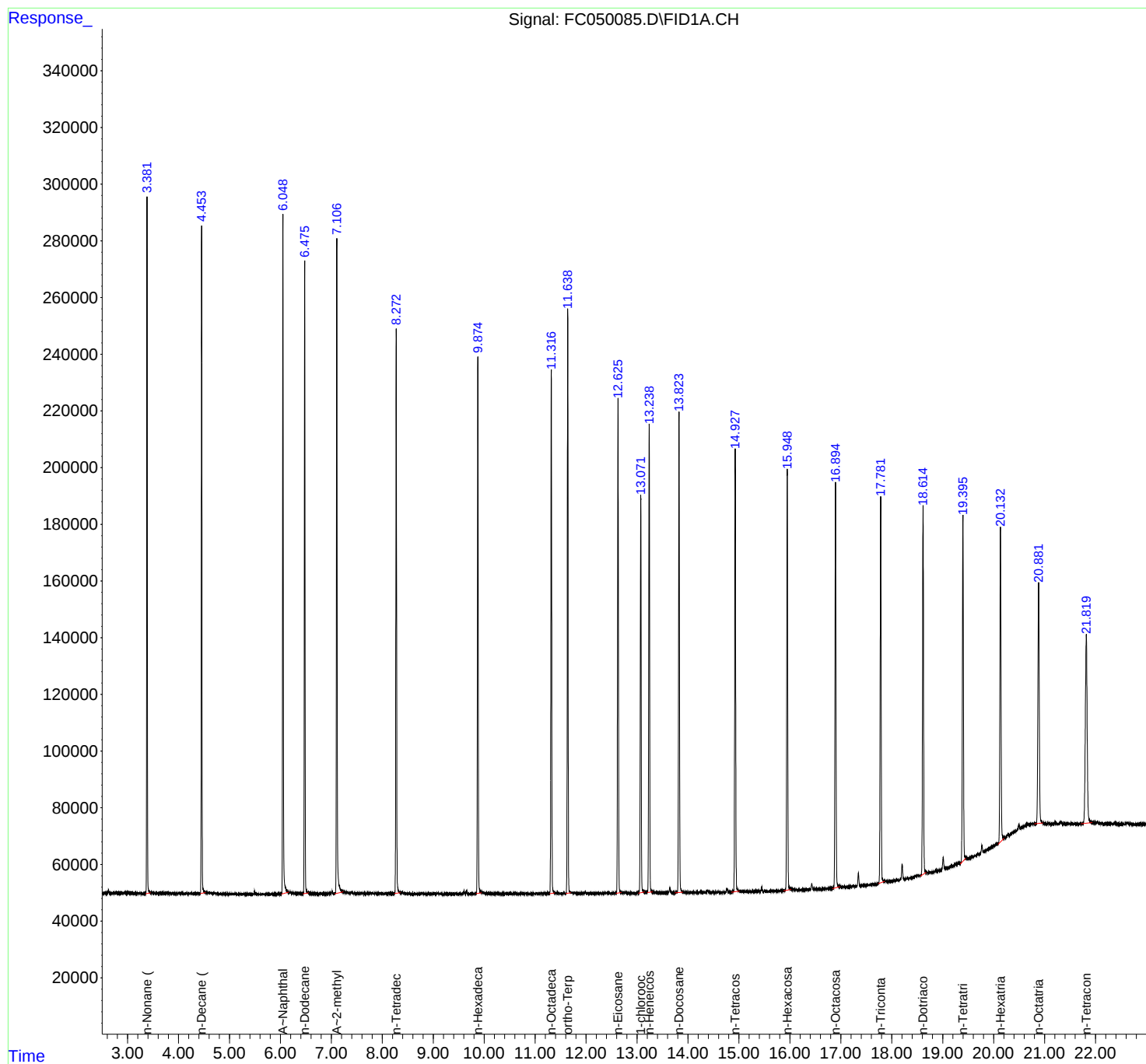
(f)=RT Delta > 1/2 Window

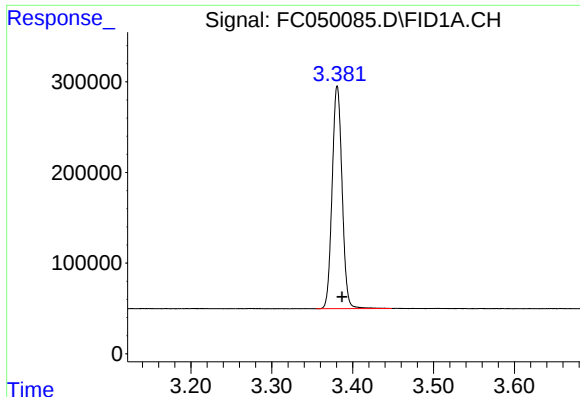
(m)=manual int.

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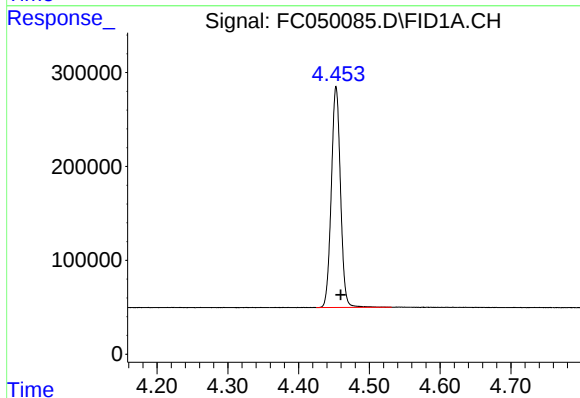
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





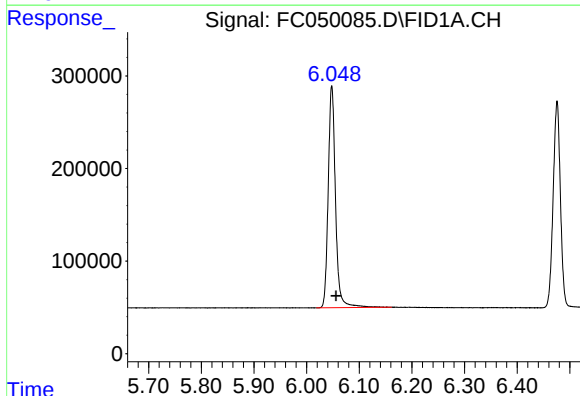
#1 n-Nonane (C9)

R.T.: 3.381 min  
Delta R.T.: -0.006 min  
Response: 2102267  
Conc: 21.21 ug/ml



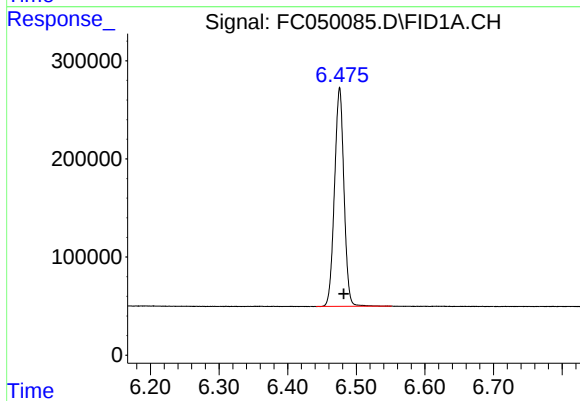
#2 n-Decane (C10)

R.T.: 4.453 min  
Delta R.T.: -0.007 min  
Response: 2119804  
Conc: 21.29 ug/ml



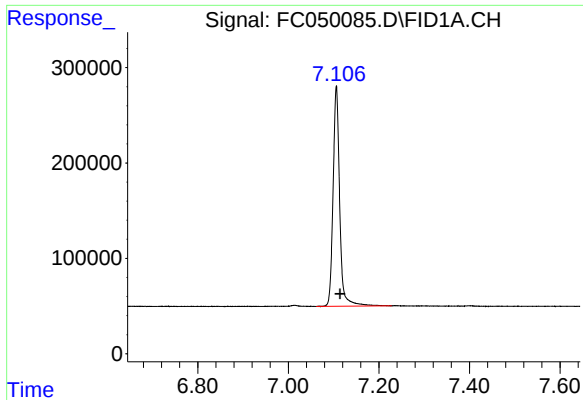
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min  
Delta R.T.: -0.008 min  
Response: 2311034  
Conc: 20.97 ug/ml



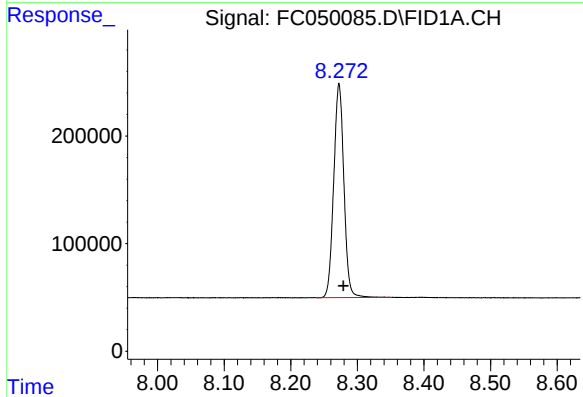
#4 n-Dodecane (C12)

R.T.: 6.476 min  
Delta R.T.: -0.006 min  
Response: 2140200  
Conc: 21.21 ug/ml



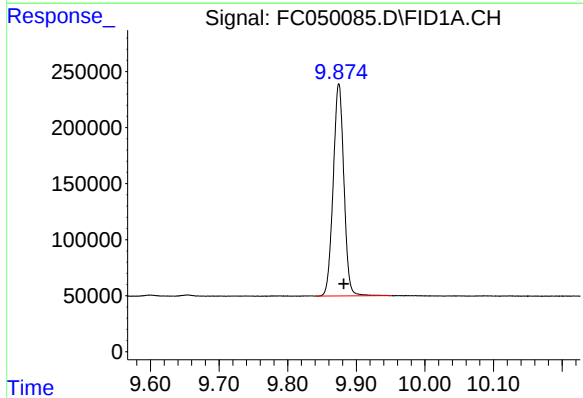
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min  
Delta R.T.: -0.008 min  
Response: 2330759  
Conc: 20.94 ug/ml



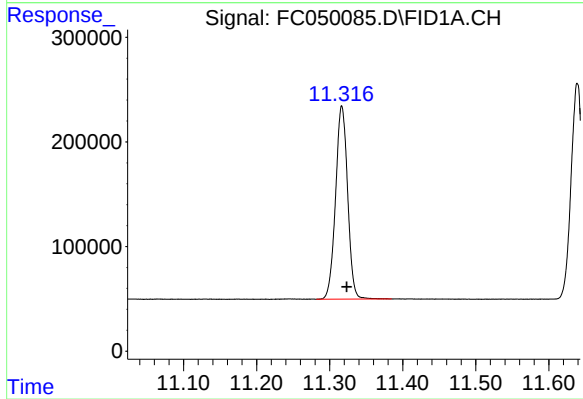
#6 n-Tetradecane (C14)

R.T.: 8.273 min  
Delta R.T.: -0.006 min  
Response: 2110878  
Conc: 21.07 ug/ml



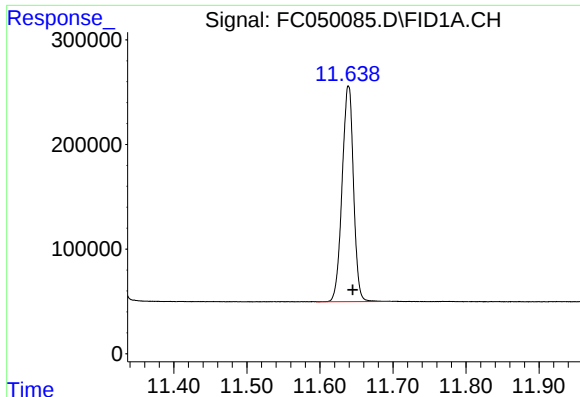
#7 n-Hexadecane (C16)

R.T.: 9.875 min  
Delta R.T.: -0.007 min  
Response: 2051298  
Conc: 20.81 ug/ml



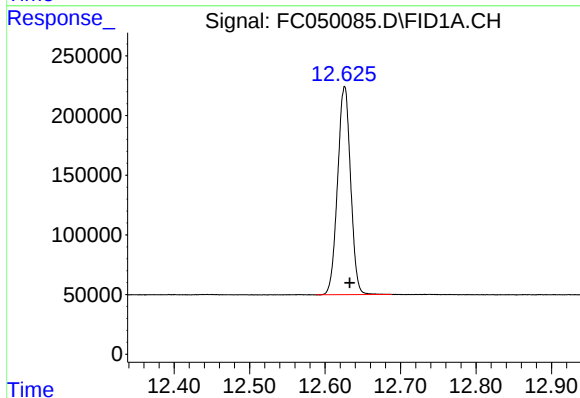
#8 n-Octadecane (C18)

R.T.: 11.317 min  
Delta R.T.: -0.006 min  
Response: 2115319  
Conc: 20.48 ug/ml



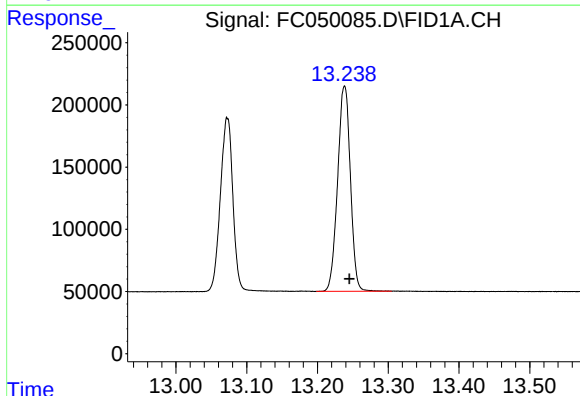
#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min  
Delta R.T.: -0.006 min  
Response: 2233927  
Conc: 19.93 ug/ml



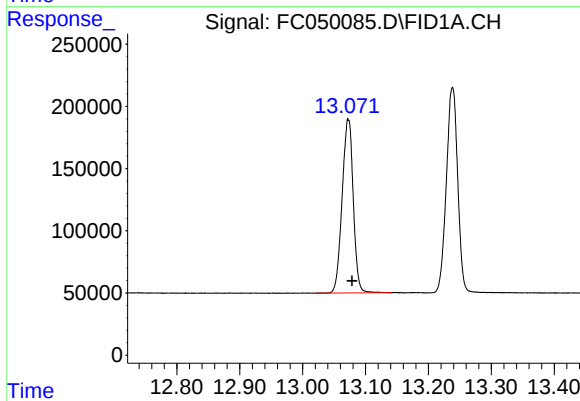
#10 n-Eicosane (C20)

R.T.: 12.626 min  
Delta R.T.: -0.007 min  
Response: 2095542  
Conc: 20.14 ug/ml



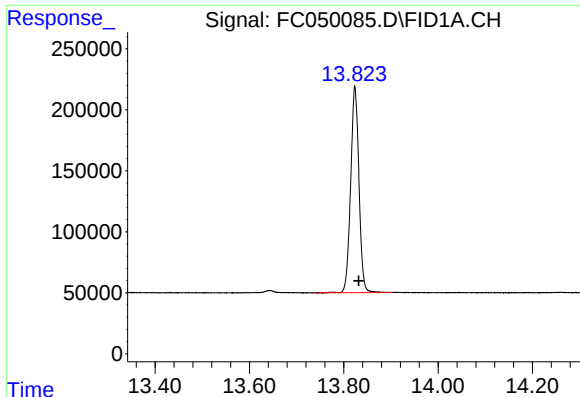
#11 n-Heneicosane (C21)

R.T.: 13.238 min  
Delta R.T.: -0.007 min  
Response: 2067765  
Conc: 19.90 ug/ml



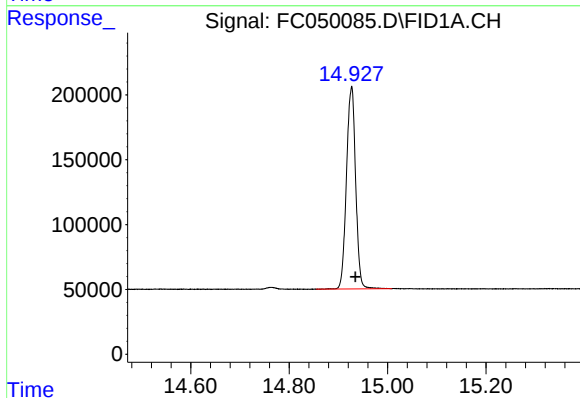
#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min  
Delta R.T.: -0.006 min  
Response: 1718707  
Conc: 19.84 ug/ml



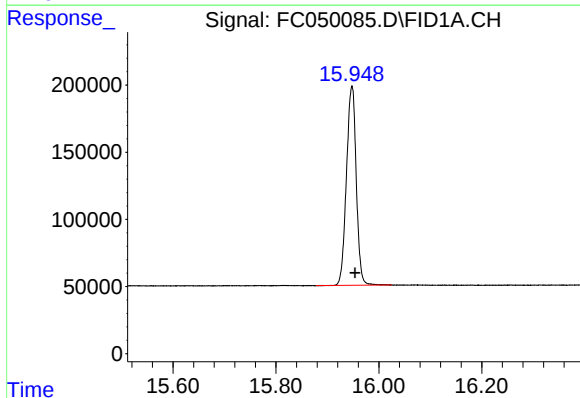
#13 n-Docosane (C22)

R.T.: 13.824 min  
Delta R.T.: -0.008 min  
Response: 2060801  
Conc: 19.85 ug/ml



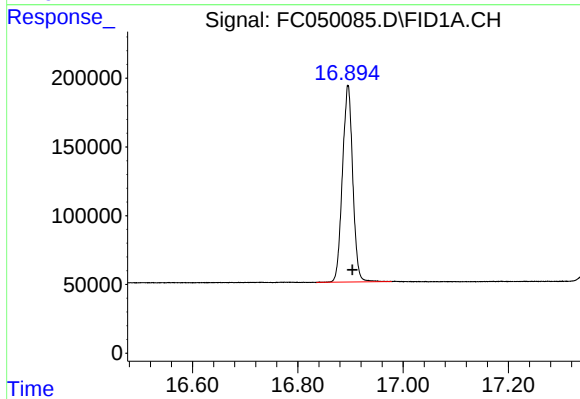
#14 n-Tetracosane (C24)

R.T.: 14.926 min  
Delta R.T.: -0.008 min  
Response: 2019832  
Conc: 19.45 ug/ml



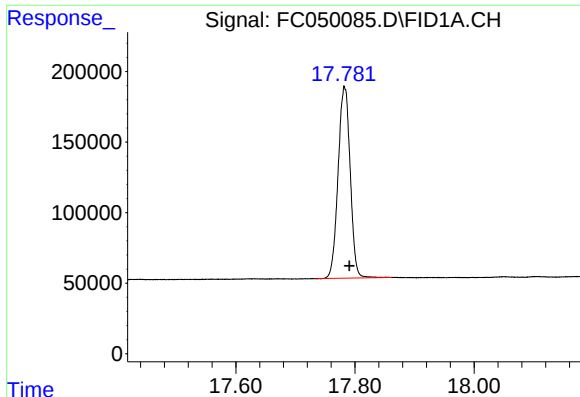
#15 n-Hexacosane (C26)

R.T.: 15.947 min  
Delta R.T.: -0.007 min  
Response: 1958712  
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.895 min  
Delta R.T.: -0.008 min  
Response: 1945360  
Conc: 18.80 ug/ml



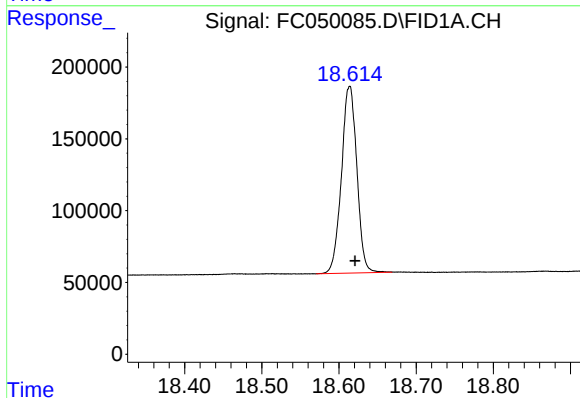
#17 n-Tricontane (C30)

R.T.: 17.782 min

Delta R.T.: -0.008 min

Response: 1914713

Conc: 18.76 ug/ml



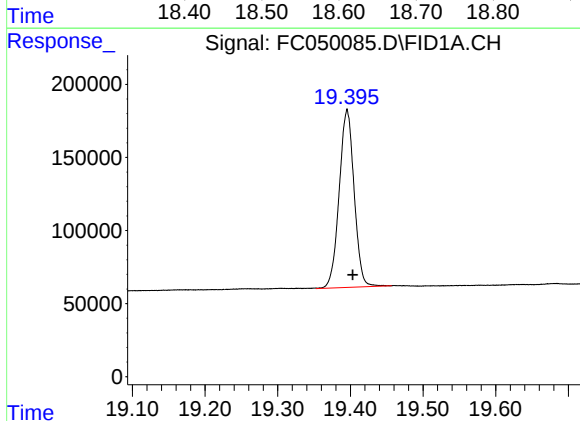
#18 n-Dotriacontane (C32)

R.T.: 18.614 min

Delta R.T.: -0.007 min

Response: 1806917

Conc: 18.81 ug/ml m



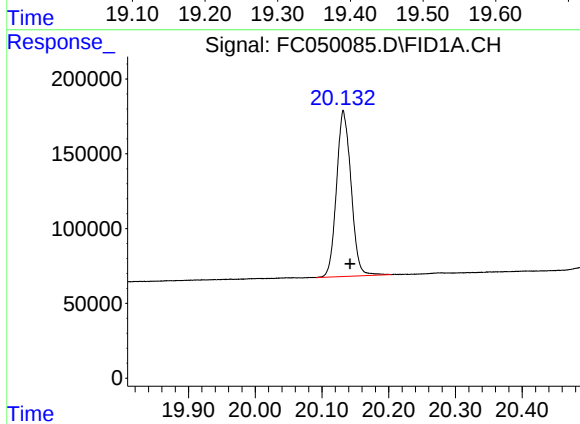
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min

Delta R.T.: -0.008 min

Response: 1734677

Conc: 18.91 ug/ml m



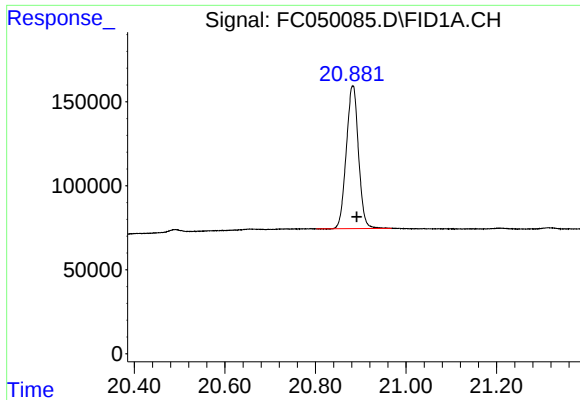
#20 n-Hexatriacontane (C36)

R.T.: 20.132 min

Delta R.T.: -0.011 min

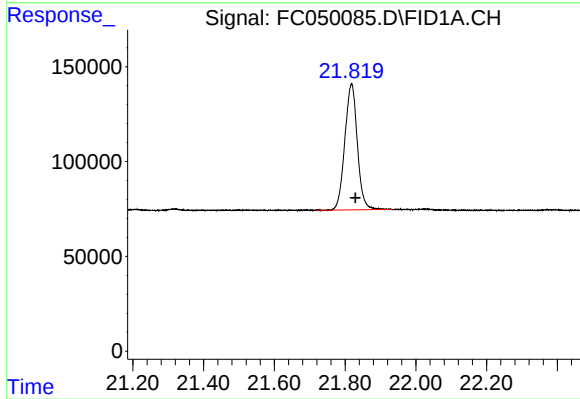
Response: 1681125

Conc: 18.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.882 min  
Delta R.T.: -0.009 min  
Response: 1585397  
Conc: 19.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.818 min  
Delta R.T.: -0.011 min  
Response: 1629057  
Conc: 19.48 ug/ml