

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100421AL\  
 Data File : FC055956.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Oct 2021 18:21  
 Operator : AJ\MA  
 Sample : PB139530BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Oct 05 02:44:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 01:25:44 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)    | 11.665 | 4579051    | 38.590 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 77.18%        |
| 12) S 1-chlorooctadecane (S... | 13.096 | 3603561    | 39.223 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 78.45%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.418  | 4166439    | 39.044 ug/ml  |
| 2) T n-Decane (C10)            | 4.483  | 4511455    | 42.205 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.077  | 4919687    | 40.888 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.500  | 4708795    | 43.383 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.135  | 4710782    | 38.780 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.298  | 4646192    | 41.996 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.898  | 4510976    | 40.753 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.341 | 4519446    | 40.381 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.650 | 4286622    | 39.245 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.261 | 4224534    | 38.856 ug/ml  |
| 13) T n-Docosane (C22)         | 13.848 | 4163174    | 38.982 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.953 | 8243106    | 78.830 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.972 | 4063867    | 40.447 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.919 | 4172715    | 43.138 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.807 | 4060716    | 43.765 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.636 | 3999985    | 44.991 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.417 | 3950822    | 45.680 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.155 | 3712382    | 45.438 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.903 | 3568282    | 44.778 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.842 | 4108625    | 51.255 ug/mlm |
| -----                          |        |            |               |

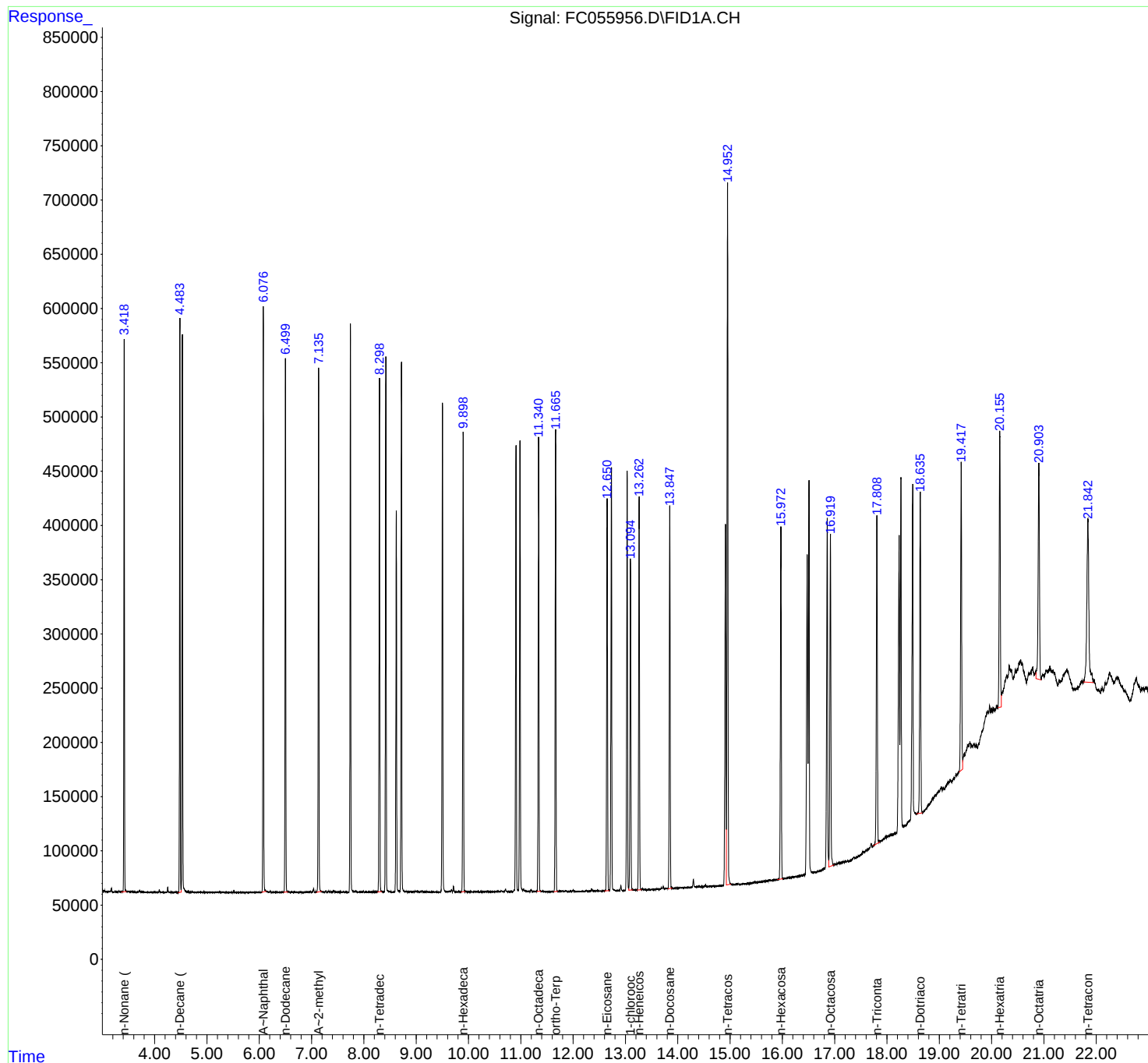
(f)=RT Delta > 1/2 Window

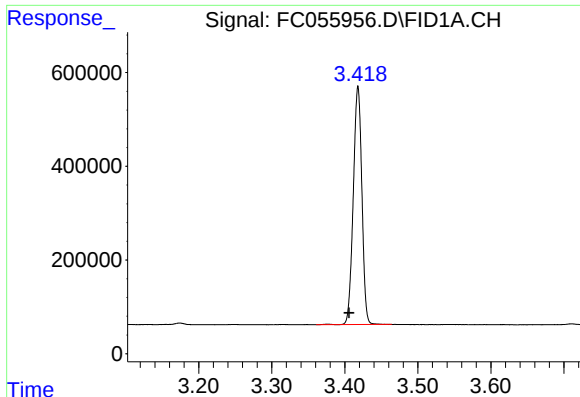
(m)=manual int.

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Misc :  
ALS Vial : 14 Sample Multiplier: 1

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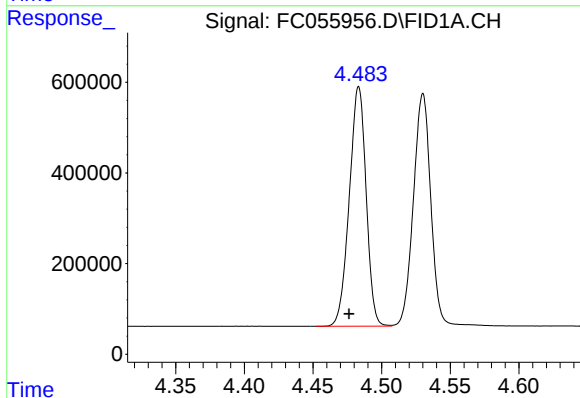
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





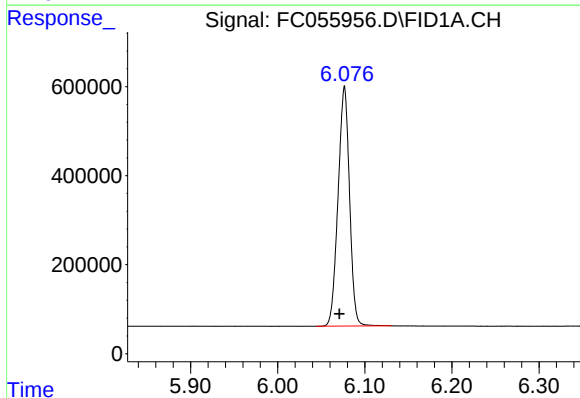
#1 n-Nonane (C9)

R.T.: 3.418 min  
Delta R.T.: 0.012 min  
Response: 4166439  
Conc: 39.04 ug/ml



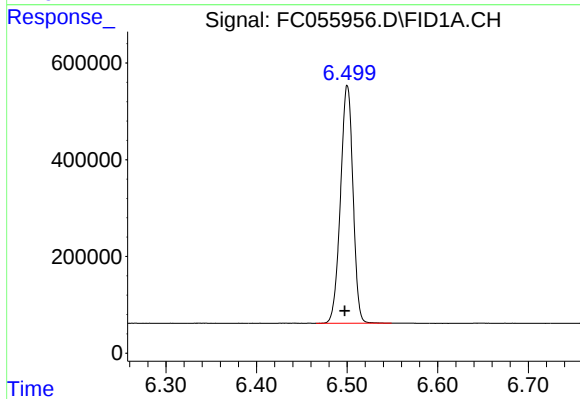
#2 n-Decane (C10)

R.T.: 4.483 min  
Delta R.T.: 0.007 min  
Response: 4511455  
Conc: 42.20 ug/ml



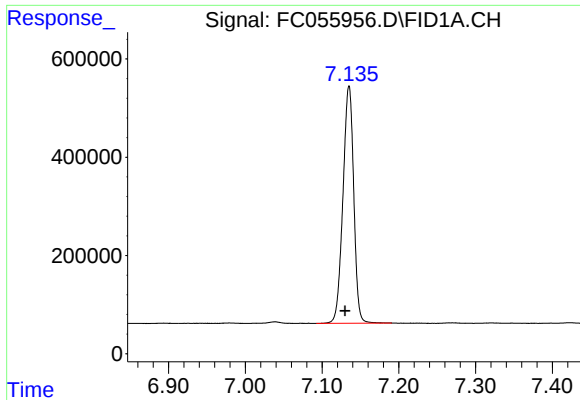
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min  
Delta R.T.: 0.006 min  
Response: 4919687  
Conc: 40.89 ug/ml



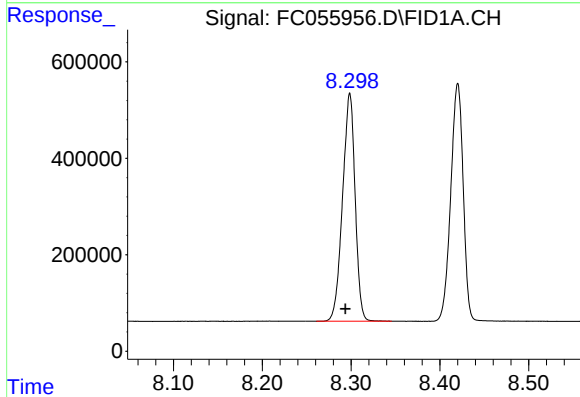
#4 n-Dodecane (C12)

R.T.: 6.500 min  
Delta R.T.: 0.003 min  
Response: 4708795  
Conc: 43.38 ug/ml



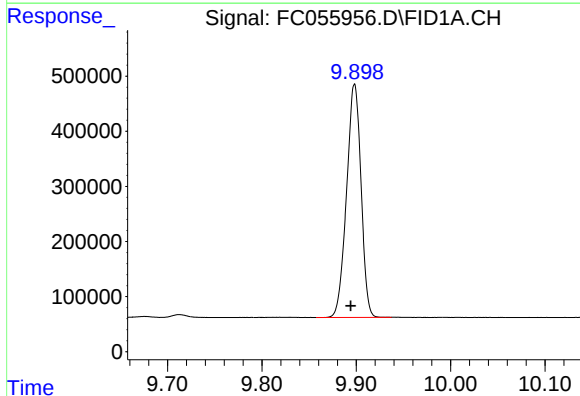
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min  
Delta R.T.: 0.005 min  
Response: 4710782  
Conc: 38.78 ug/ml



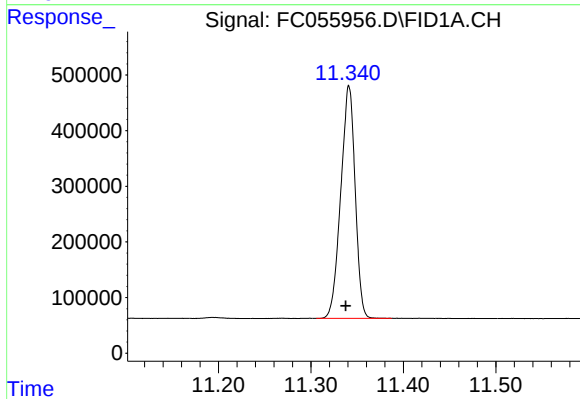
#6 n-Tetradecane (C14)

R.T.: 8.298 min  
Delta R.T.: 0.005 min  
Response: 4646192  
Conc: 42.00 ug/ml



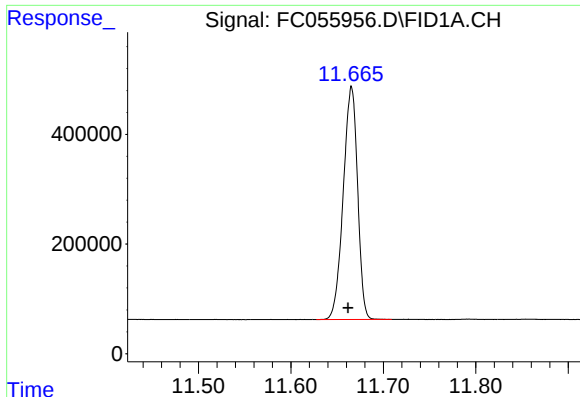
#7 n-Hexadecane (C16)

R.T.: 9.898 min  
Delta R.T.: 0.004 min  
Response: 4510976  
Conc: 40.75 ug/ml



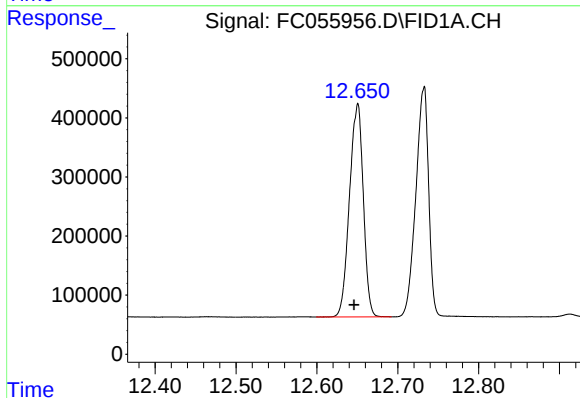
#8 n-Octadecane (C18)

R.T.: 11.341 min  
Delta R.T.: 0.003 min  
Response: 4519446  
Conc: 40.38 ug/ml



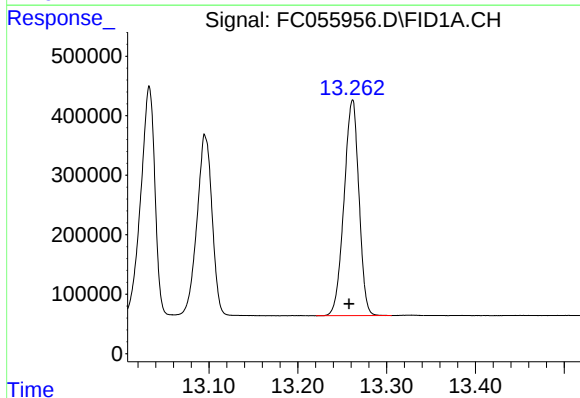
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min  
Delta R.T.: 0.004 min  
Response: 4579051  
Conc: 38.59 ug/ml



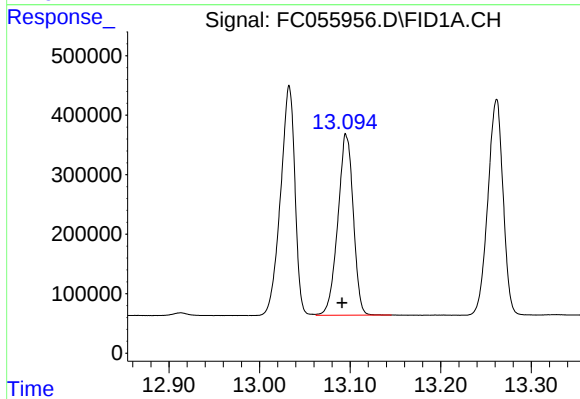
#10 n-Eicosane (C20)

R.T.: 12.650 min  
Delta R.T.: 0.004 min  
Response: 4286622  
Conc: 39.25 ug/ml



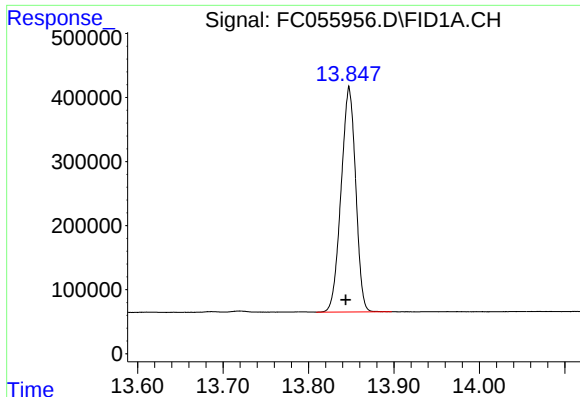
#11 n-Heneicosane (C21)

R.T.: 13.261 min  
Delta R.T.: 0.003 min  
Response: 4224534  
Conc: 38.86 ug/ml



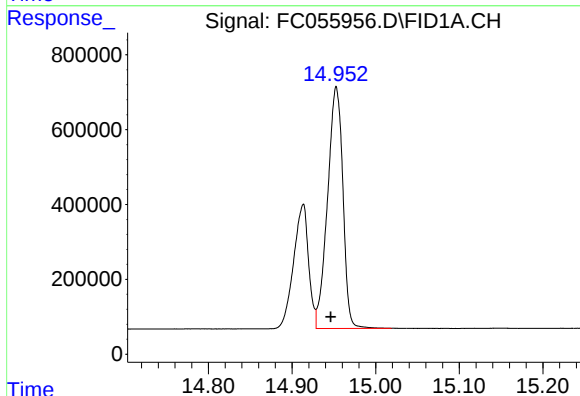
#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min  
Delta R.T.: 0.005 min  
Response: 3603561  
Conc: 39.22 ug/ml



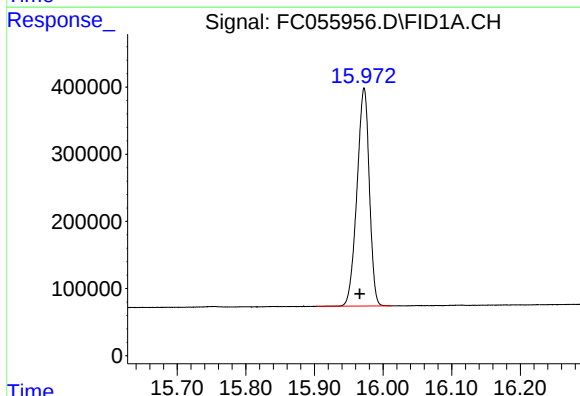
#13 n-Docosane (C22)

R.T.: 13.848 min  
Delta R.T.: 0.004 min  
Response: 4163174  
Conc: 38.98 ug/ml



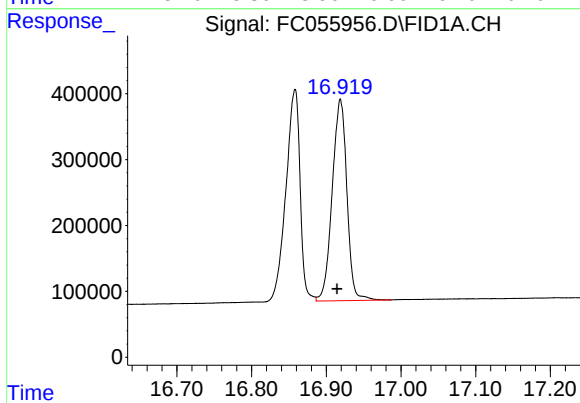
#14 n-Tetracosane (C24)

R.T.: 14.953 min  
Delta R.T.: 0.006 min  
Response: 8243106  
Conc: 78.83 ug/ml



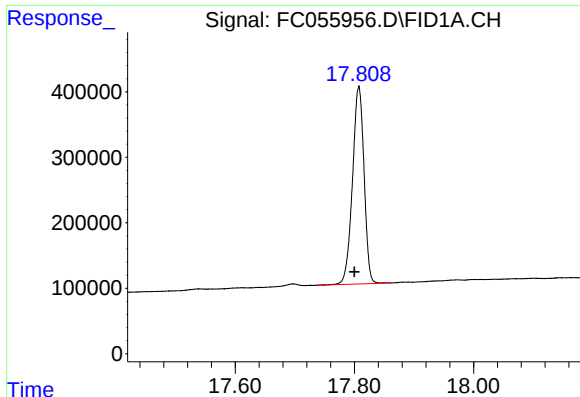
#15 n-Hexacosane (C26)

R.T.: 15.972 min  
Delta R.T.: 0.006 min  
Response: 4063867  
Conc: 40.45 ug/ml



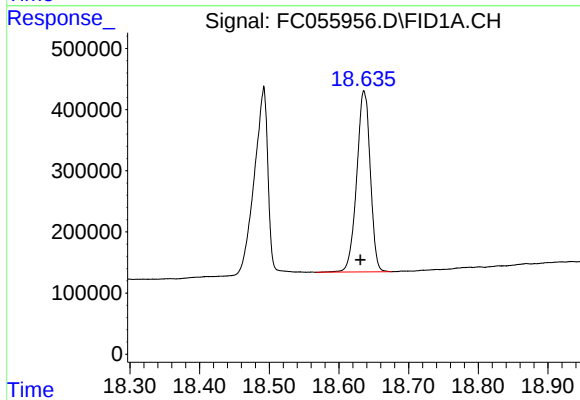
#16 n-Octacosane (C28)

R.T.: 16.919 min  
Delta R.T.: 0.004 min  
Response: 4172715  
Conc: 43.14 ug/ml



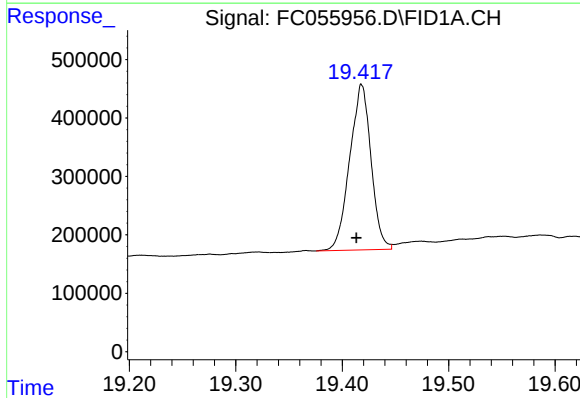
#17 n-Tricontane (C30)

R.T.: 17.807 min  
Delta R.T.: 0.007 min  
Response: 4060716  
Conc: 43.76 ug/ml



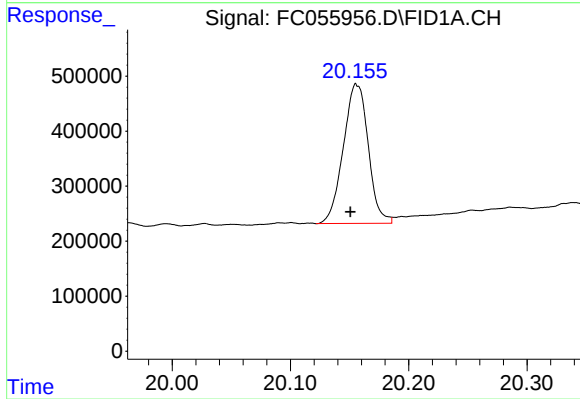
#18 n-Dotriacontane (C32)

R.T.: 18.636 min  
Delta R.T.: 0.005 min  
Response: 3999985  
Conc: 44.99 ug/ml



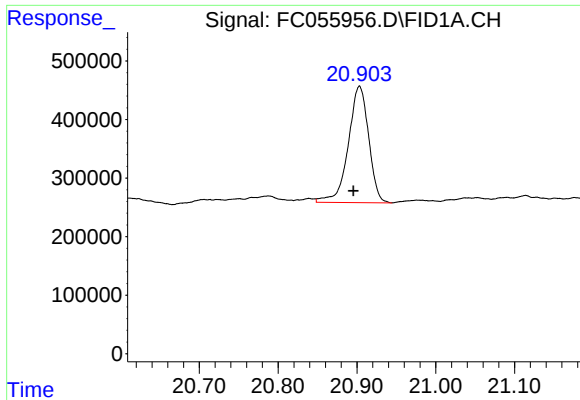
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min  
Delta R.T.: 0.004 min  
Response: 3950822  
Conc: 45.68 ug/ml m



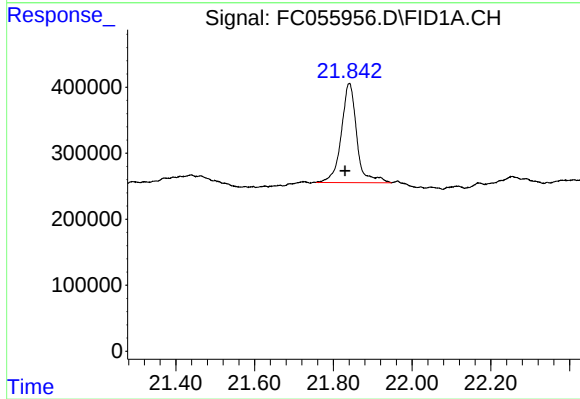
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min  
Delta R.T.: 0.004 min  
Response: 3712382  
Conc: 45.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.903 min  
Delta R.T.: 0.008 min  
Response: 3568282  
Conc: 44.78 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.842 min  
Delta R.T.: 0.012 min  
Response: 4108625  
Conc: 51.25 ug/ml m