

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091321AL\  
 Data File : FC055624.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Sep 2021 11:52  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Sep 15 01:10:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:45:39 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)    | 11.658 | 2235937    | 17.898 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.80%        |
| 12) S 1-chlorooctadecane (S... | 13.092 | 1704320    | 17.221 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.44%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.402  | 2404671    | 22.246 ug/ml  |
| 2) T n-Decane (C10)            | 4.471  | 2430616    | 22.291 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.065  | 2661148    | 21.596 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.494  | 2409014    | 22.001 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.124  | 2633814    | 21.164 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.291  | 2364285    | 21.228 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.893  | 2278554    | 20.162 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.336 | 2209963    | 18.981 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.646 | 2072448    | 17.736 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.259 | 2037765    | 17.314 ug/ml  |
| 13) T n-Docosane (C22)         | 13.844 | 1966069    | 16.854 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.947 | 1900757    | 16.321 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.966 | 1832476    | 16.176 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.916 | 1816895    | 16.419 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.802 | 1821818    | 17.133 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.635 | 1802658    | 17.987 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.416 | 1825491    | 19.342 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.155 | 1759739    | 20.268 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.901 | 1823977    | 22.378 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.838 | 1760122    | 21.915 ug/mlm |
| -----                          |        |            |               |

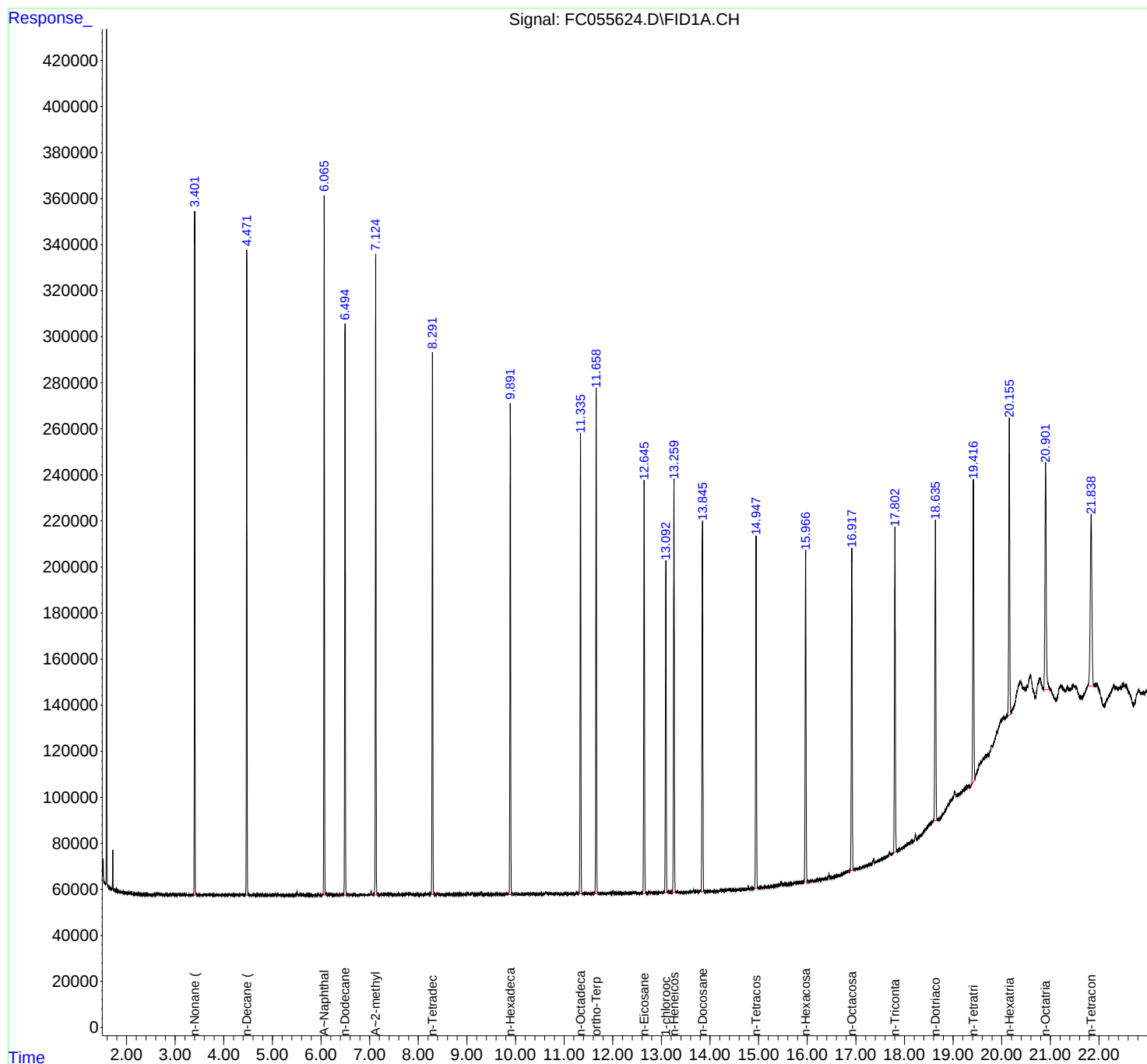
(f)=RT Delta > 1/2 Window

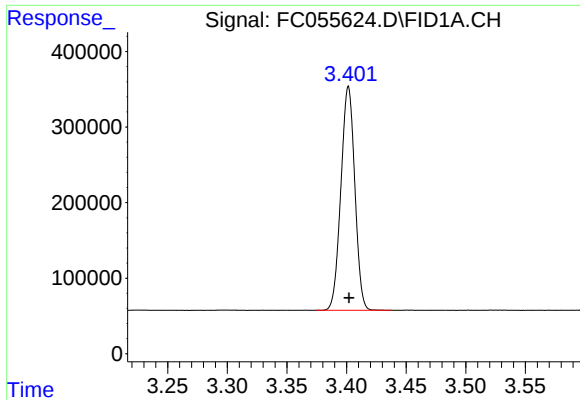
(m)=manual int.

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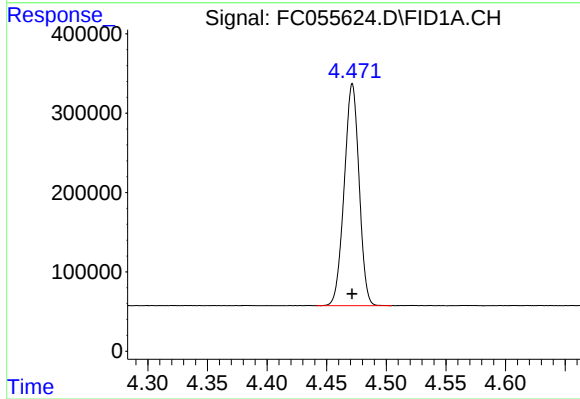
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





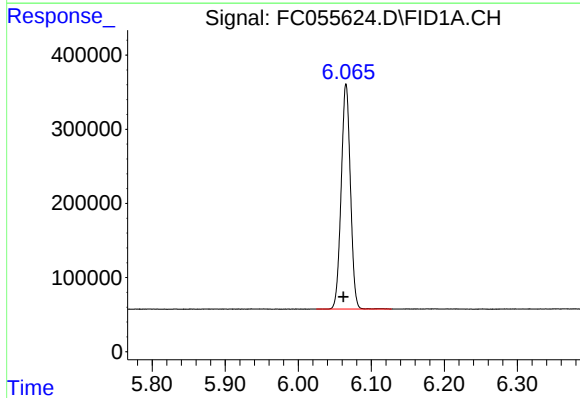
#1 n-Nonane (C9)

R.T.: 3.402 min  
Delta R.T.: 0.000 min  
Response: 2404671  
Conc: 22.25 ug/ml



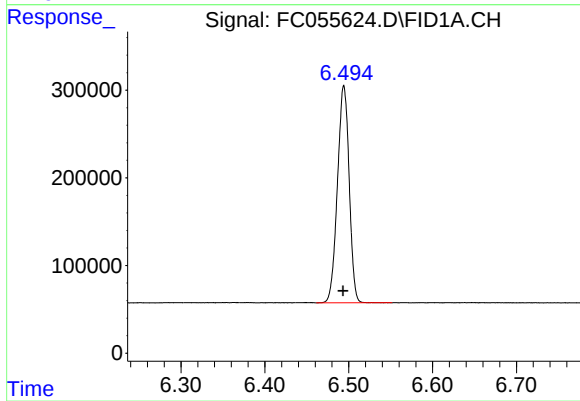
#2 n-Decane (C10)

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 2430616  
Conc: 22.29 ug/ml



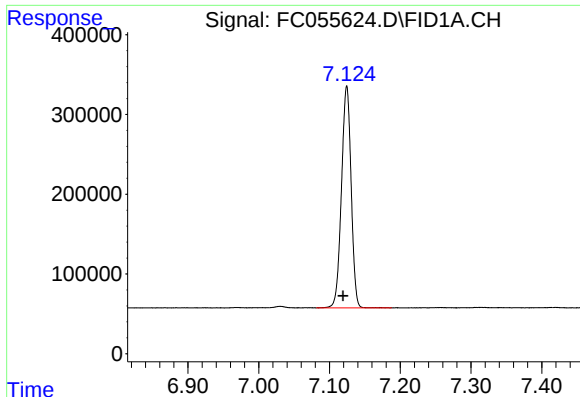
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min  
Delta R.T.: 0.003 min  
Response: 2661148  
Conc: 21.60 ug/ml



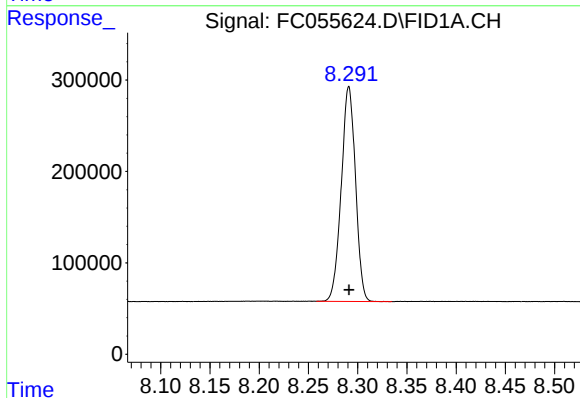
#4 n-Dodecane (C12)

R.T.: 6.494 min  
Delta R.T.: 0.001 min  
Response: 2409014  
Conc: 22.00 ug/ml



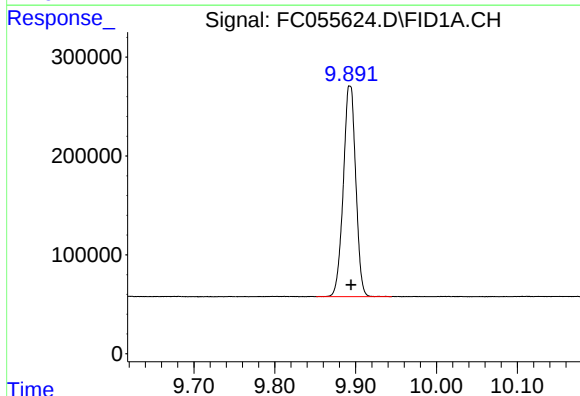
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min  
Delta R.T.: 0.005 min  
Response: 2633814  
Conc: 21.16 ug/ml



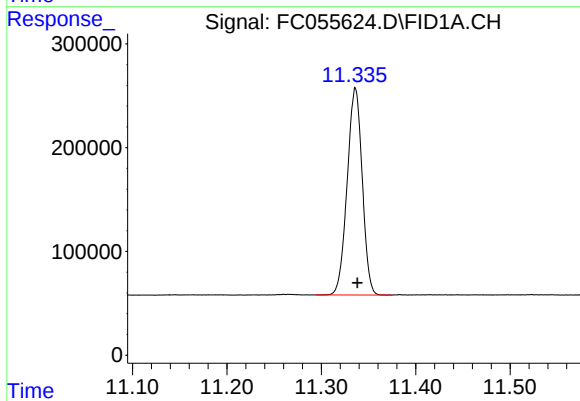
#6 n-Tetradecane (C14)

R.T.: 8.291 min  
Delta R.T.: 0.000 min  
Response: 2364285  
Conc: 21.23 ug/ml



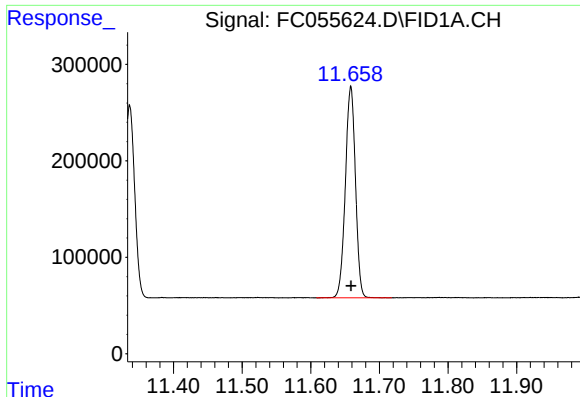
#7 n-Hexadecane (C16)

R.T.: 9.893 min  
Delta R.T.: -0.001 min  
Response: 2278554  
Conc: 20.16 ug/ml



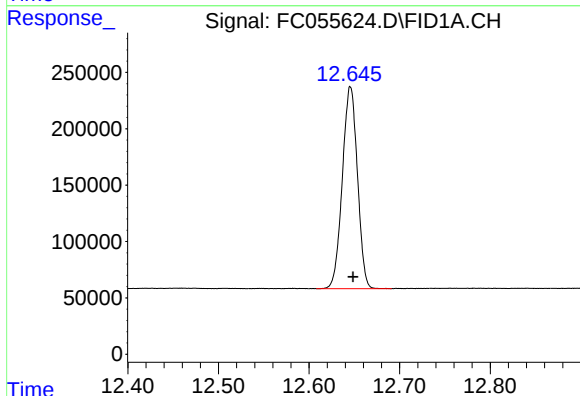
#8 n-Octadecane (C18)

R.T.: 11.336 min  
Delta R.T.: -0.002 min  
Response: 2209963  
Conc: 18.98 ug/ml



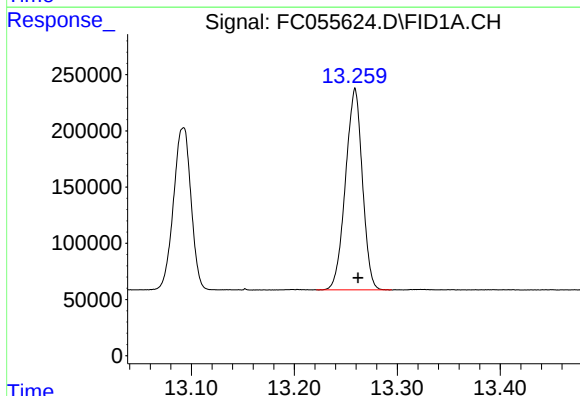
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min  
Delta R.T.: 0.000 min  
Response: 2235937  
Conc: 17.90 ug/ml



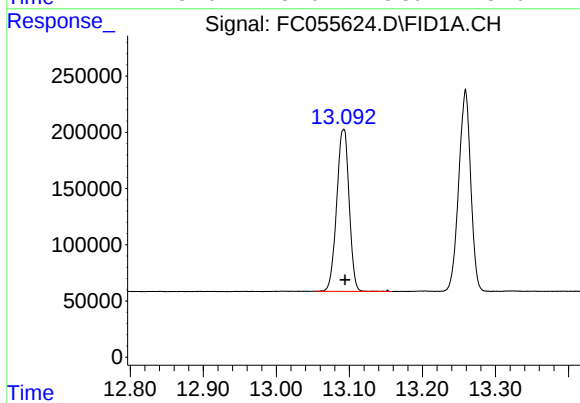
#10 n-Eicosane (C20)

R.T.: 12.646 min  
Delta R.T.: -0.003 min  
Response: 2072448  
Conc: 17.74 ug/ml



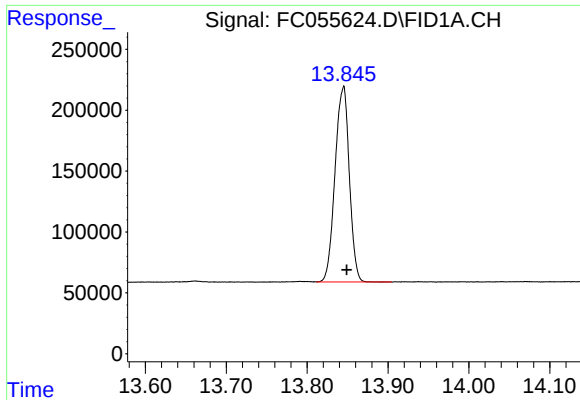
#11 n-Heneicosane (C21)

R.T.: 13.259 min  
Delta R.T.: -0.003 min  
Response: 2037765  
Conc: 17.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.092 min  
Delta R.T.: -0.002 min  
Response: 1704320  
Conc: 17.22 ug/ml



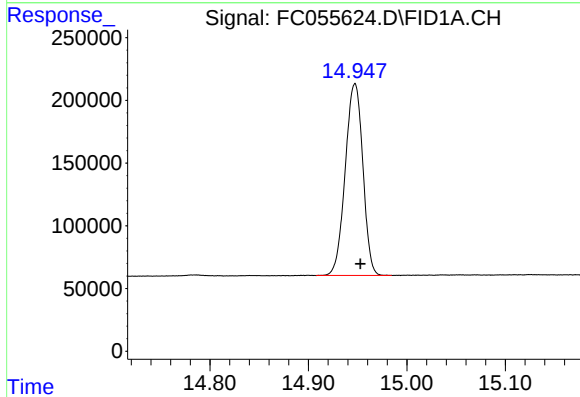
#13 n-Docosane (C22)

R.T.: 13.844 min

Delta R.T.: -0.005 min

Response: 1966069

Conc: 16.85 ug/ml



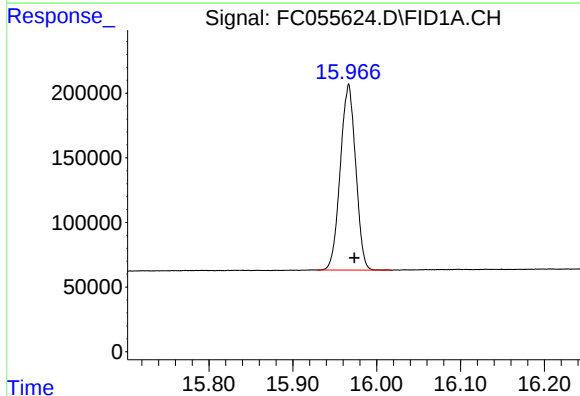
#14 n-Tetracosane (C24)

R.T.: 14.947 min

Delta R.T.: -0.006 min

Response: 1900757

Conc: 16.32 ug/ml



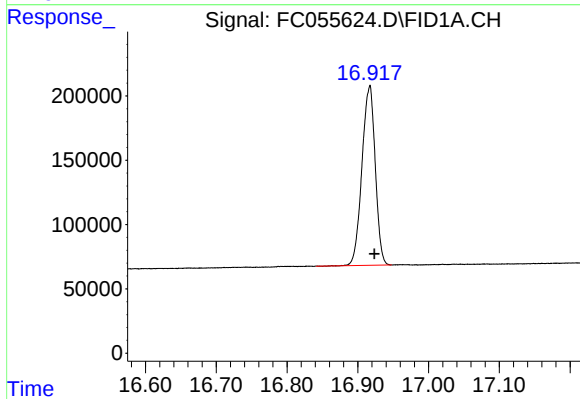
#15 n-Hexacosane (C26)

R.T.: 15.966 min

Delta R.T.: -0.007 min

Response: 1832476

Conc: 16.18 ug/ml



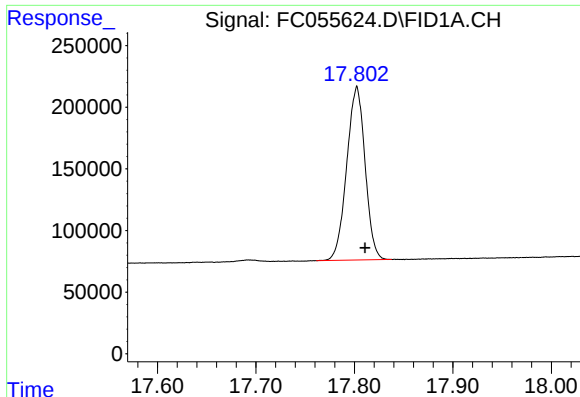
#16 n-Octacosane (C28)

R.T.: 16.916 min

Delta R.T.: -0.007 min

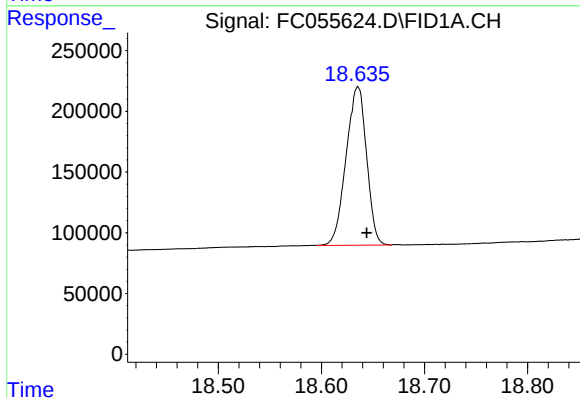
Response: 1816895

Conc: 16.42 ug/ml



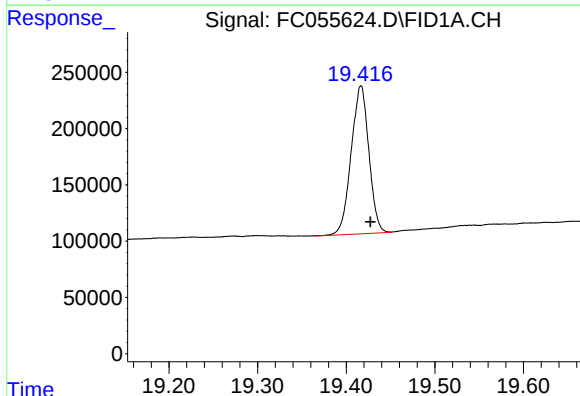
#17 n-Tricontane (C30)

R.T.: 17.802 min  
Delta R.T.: -0.009 min  
Response: 1821818  
Conc: 17.13 ug/ml



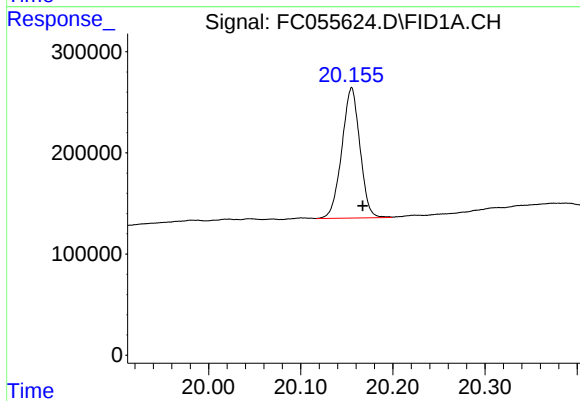
#18 n-Dotriacontane (C32)

R.T.: 18.635 min  
Delta R.T.: -0.009 min  
Response: 1802658  
Conc: 17.99 ug/ml m



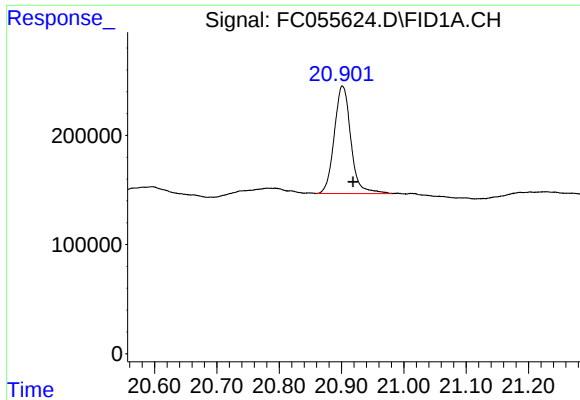
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min  
Delta R.T.: -0.011 min  
Response: 1825491  
Conc: 19.34 ug/ml m



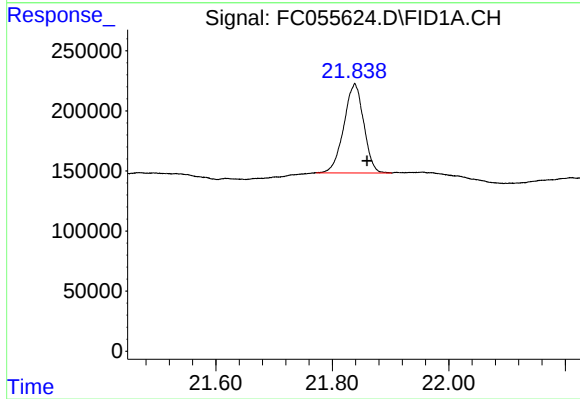
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min  
Delta R.T.: -0.012 min  
Response: 1759739  
Conc: 20.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.901 min  
Delta R.T.: -0.018 min  
Response: 1823977  
Conc: 22.38 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.838 min  
Delta R.T.: -0.022 min  
Response: 1760122  
Conc: 21.92 ug/ml m