

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120821AL\  
 Data File : FC057304.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Dec 2021 23:21  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 09 01:10:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111921.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Nov 19 00:52:49 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)    | 11.579 | 2402031    | 20.699 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.40%       |
| 12) S 1-chlorooctadecane (S... | 13.011 | 1854624    | 20.372 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.74%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.346  | 2236275    | 22.069 ug/ml |
| 2) T n-Decane (C10)            | 4.411  | 2241395    | 22.383 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.000  | 2450472    | 21.946 ug/ml |
| 4) T n-Dodecane (C12)          | 6.428  | 2263624    | 22.326 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.056  | 2450842    | 22.228 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.221  | 2281785    | 22.521 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.820  | 2330545    | 22.711 ug/ml |
| 8) T n-Octadecane (C18)        | 11.260 | 2344046    | 21.879 ug/ml |
| 10) T n-Eicosane (C20)         | 12.566 | 2282970    | 21.345 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.177 | 2269584    | 20.958 ug/ml |
| 13) T n-Docosane (C22)         | 13.763 | 2221001    | 20.731 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.863 | 2191013    | 20.239 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.880 | 2033676    | 19.092 ug/ml |
| 16) T n-Octacosane (C28)       | 16.827 | 1993644    | 18.691 ug/ml |
| 17) T n-Tricontane (C30)       | 17.711 | 1949983    | 18.295 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.541 | 1905659    | 18.067 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.320 | 1919056    | 18.472 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.055 | 1886200    | 18.674 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.785 | 1837554    | 20.018 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.685 | 1875103    | 20.815 ug/ml |
| -----                          |        |            |              |

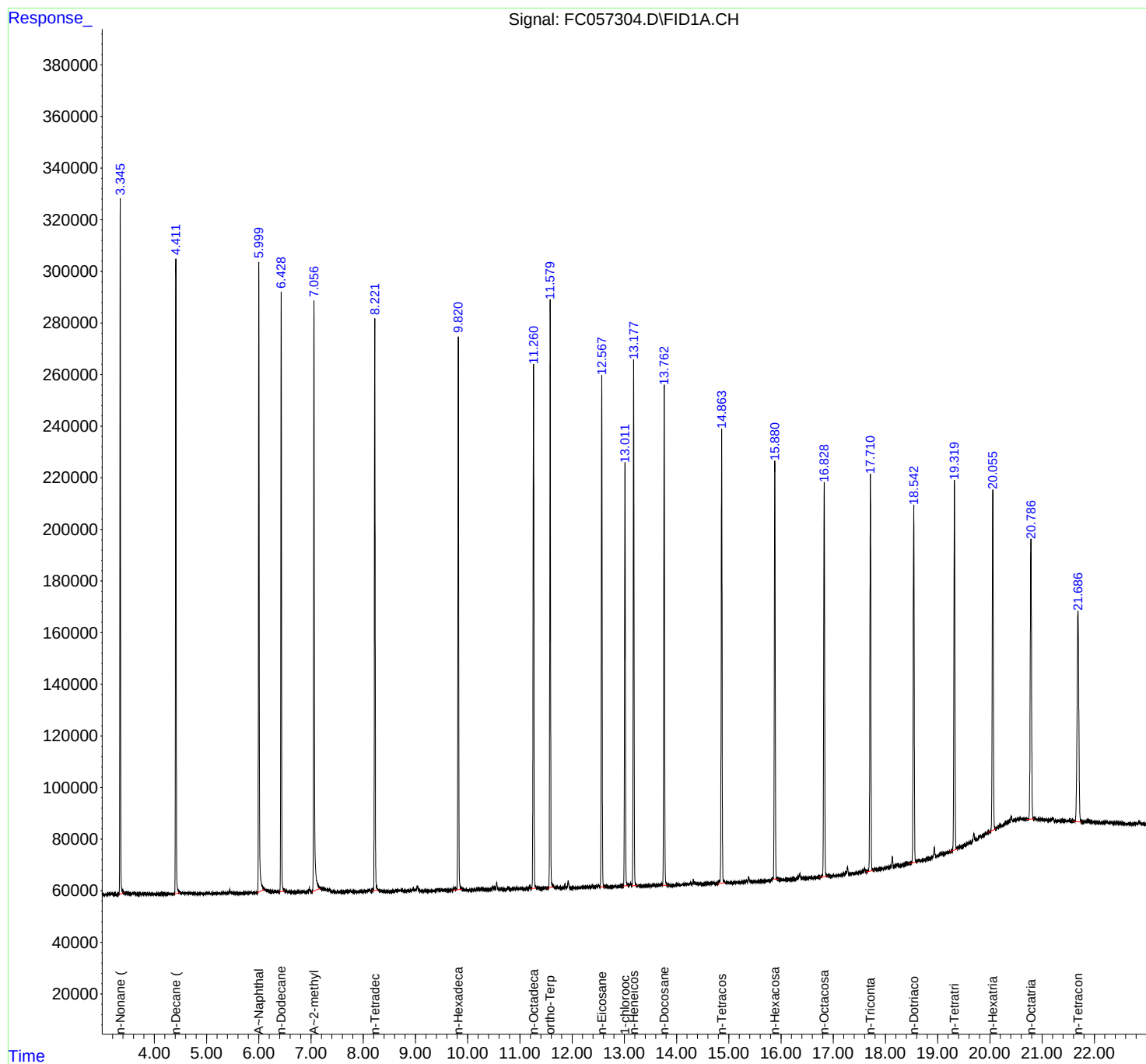
(f)=RT Delta > 1/2 Window

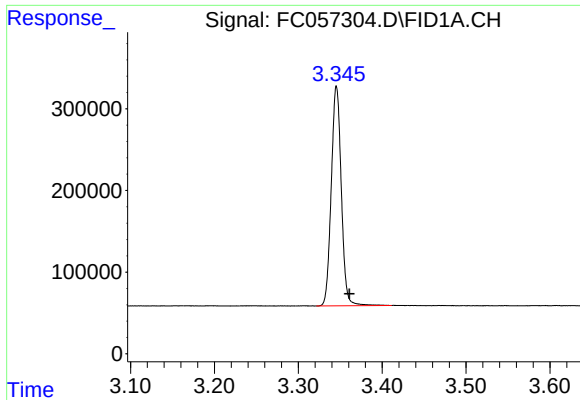
(m)=manual int.

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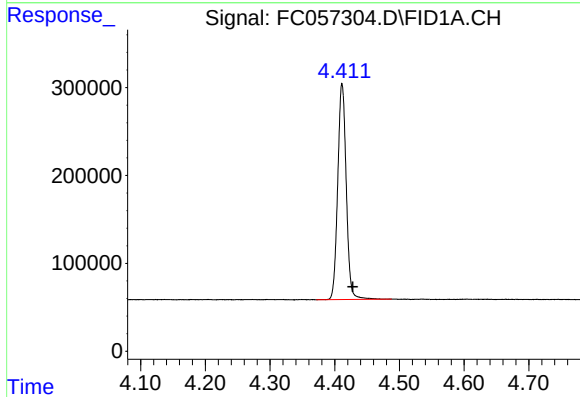
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





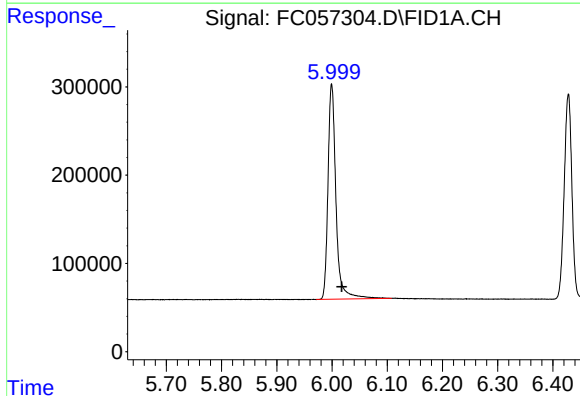
#1 n-Nonane (C9)

R.T.: 3.346 min  
Delta R.T.: -0.015 min  
Response: 2236275  
Conc: 22.07 ug/ml



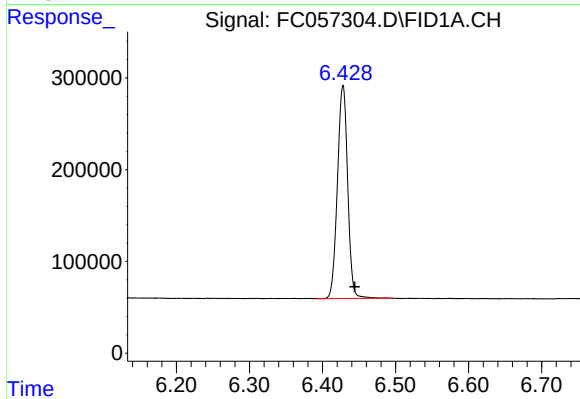
#2 n-Decane (C10)

R.T.: 4.411 min  
Delta R.T.: -0.016 min  
Response: 2241395  
Conc: 22.38 ug/ml



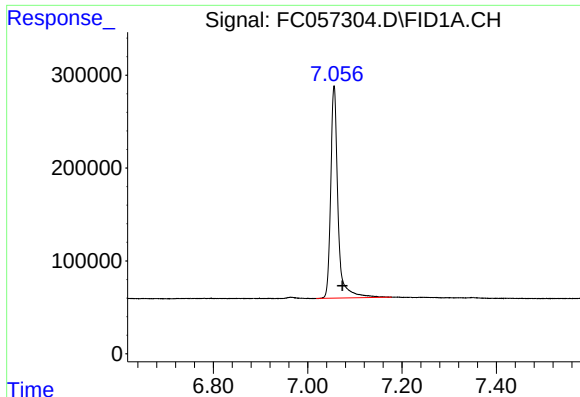
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min  
Delta R.T.: -0.018 min  
Response: 2450472  
Conc: 21.95 ug/ml



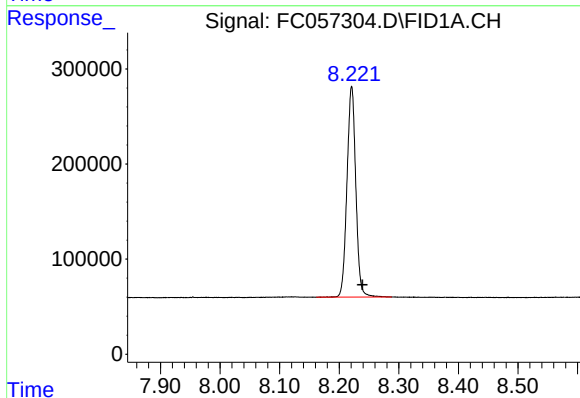
#4 n-Dodecane (C12)

R.T.: 6.428 min  
Delta R.T.: -0.016 min  
Response: 2263624  
Conc: 22.33 ug/ml



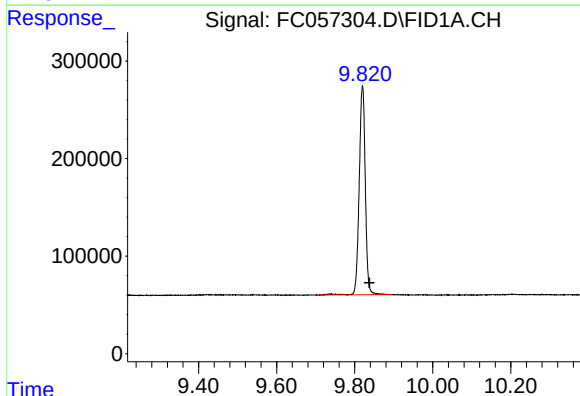
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min  
Delta R.T.: -0.018 min  
Response: 2450842  
Conc: 22.23 ug/ml



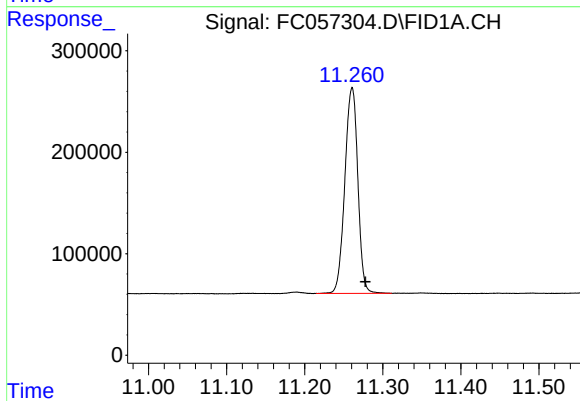
#6 n-Tetradecane (C14)

R.T.: 8.221 min  
Delta R.T.: -0.018 min  
Response: 2281785  
Conc: 22.52 ug/ml



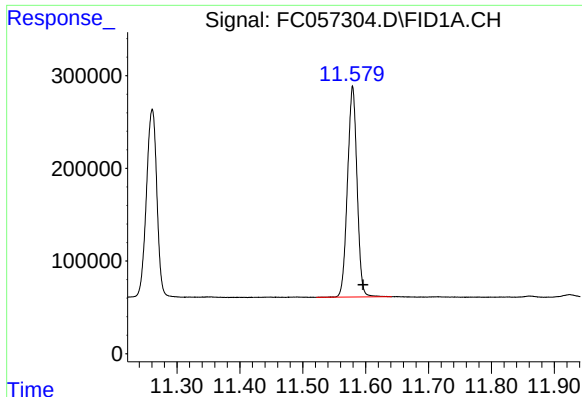
#7 n-Hexadecane (C16)

R.T.: 9.820 min  
Delta R.T.: -0.018 min  
Response: 2330545  
Conc: 22.71 ug/ml



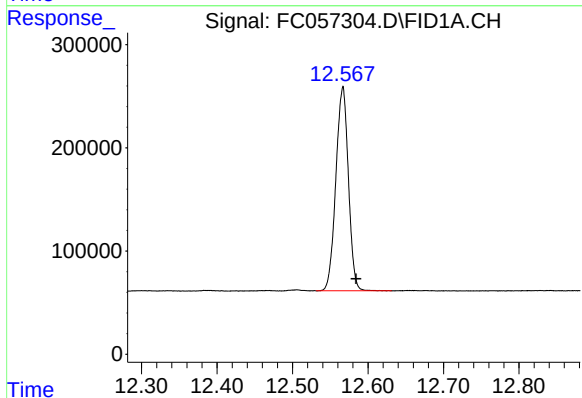
#8 n-Octadecane (C18)

R.T.: 11.260 min  
Delta R.T.: -0.017 min  
Response: 2344046  
Conc: 21.88 ug/ml



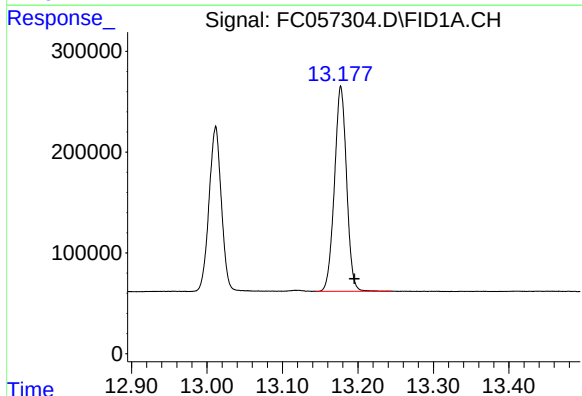
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min  
Delta R.T.: -0.017 min  
Response: 2402031  
Conc: 20.70 ug/ml



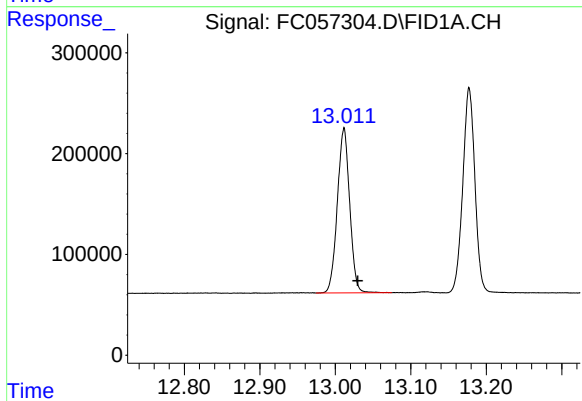
#10 n-Eicosane (C20)

R.T.: 12.566 min  
Delta R.T.: -0.018 min  
Response: 2282970  
Conc: 21.35 ug/ml



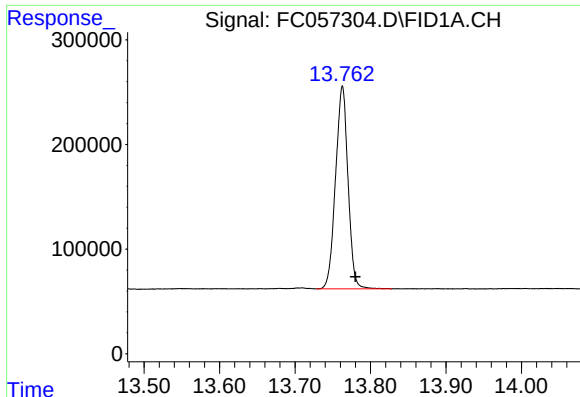
#11 n-Heneicosane (C21)

R.T.: 13.177 min  
Delta R.T.: -0.018 min  
Response: 2269584  
Conc: 20.96 ug/ml



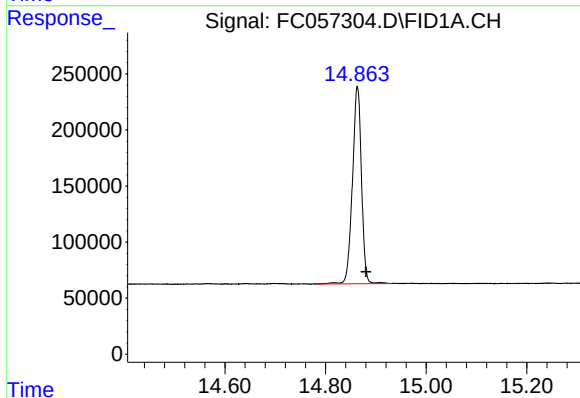
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min  
Delta R.T.: -0.019 min  
Response: 1854624  
Conc: 20.37 ug/ml



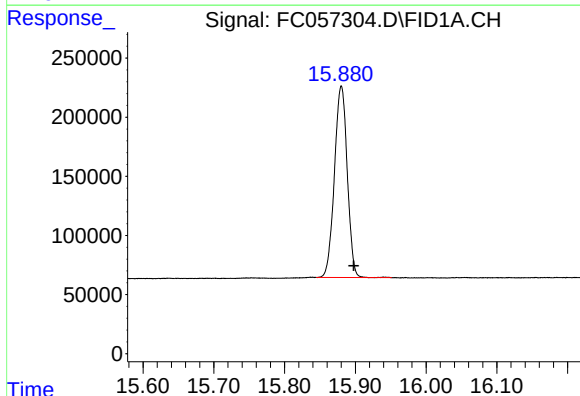
#13 n-Docosane (C22)

R.T.: 13.763 min  
Delta R.T.: -0.017 min  
Response: 2221001  
Conc: 20.73 ug/ml



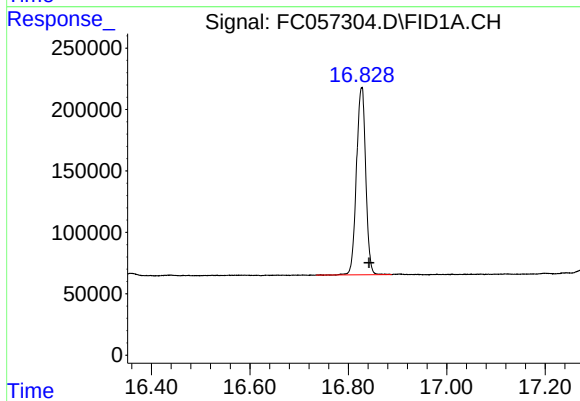
#14 n-Tetracosane (C24)

R.T.: 14.863 min  
Delta R.T.: -0.017 min  
Response: 2191013  
Conc: 20.24 ug/ml



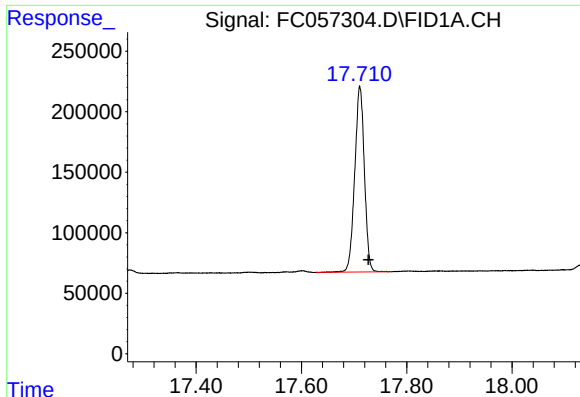
#15 n-Hexacosane (C26)

R.T.: 15.880 min  
Delta R.T.: -0.018 min  
Response: 2033676  
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.827 min  
Delta R.T.: -0.015 min  
Response: 1993644  
Conc: 18.69 ug/ml



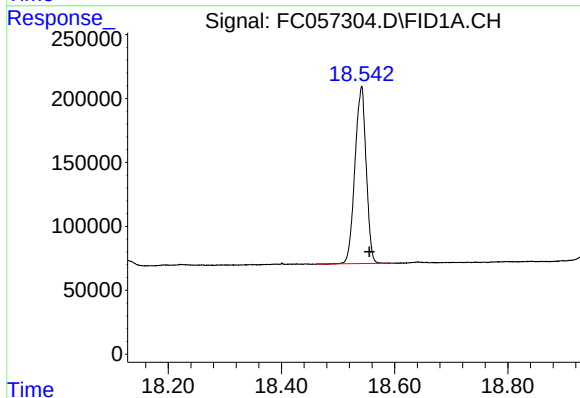
#17 n-Tricontane (C30)

R.T.: 17.711 min

Delta R.T.: -0.016 min

Response: 1949983

Conc: 18.29 ug/ml



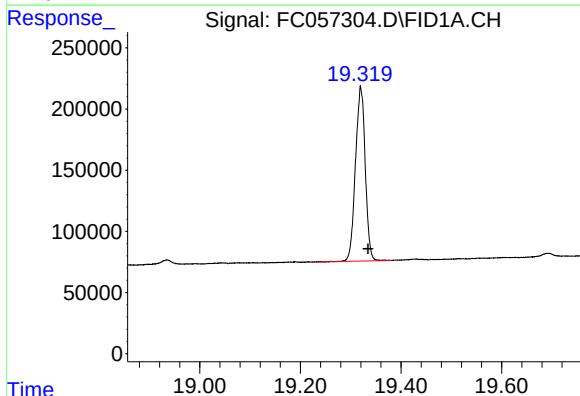
#18 n-Dotriacontane (C32)

R.T.: 18.541 min

Delta R.T.: -0.015 min

Response: 1905659

Conc: 18.07 ug/ml



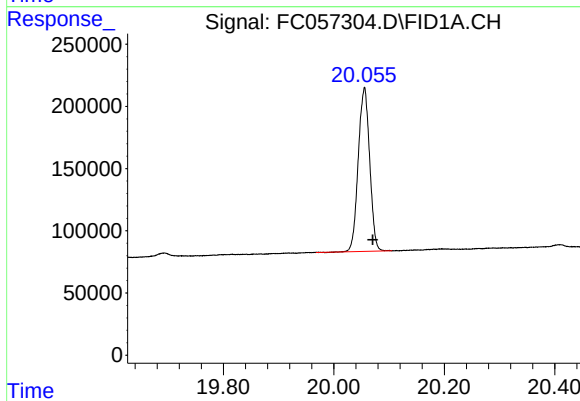
#19 n-Tetratriacontane (C34)

R.T.: 19.320 min

Delta R.T.: -0.014 min

Response: 1919056

Conc: 18.47 ug/ml



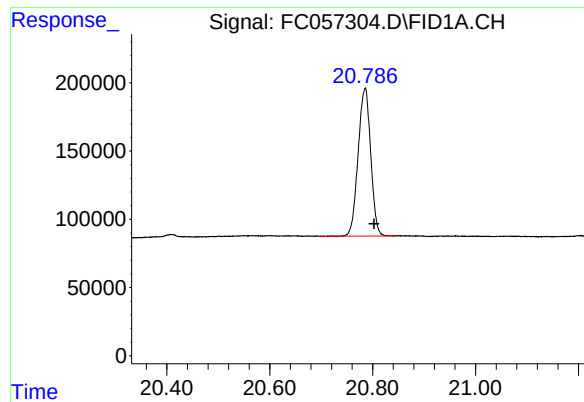
#20 n-Hexatriacontane (C36)

R.T.: 20.055 min

Delta R.T.: -0.015 min

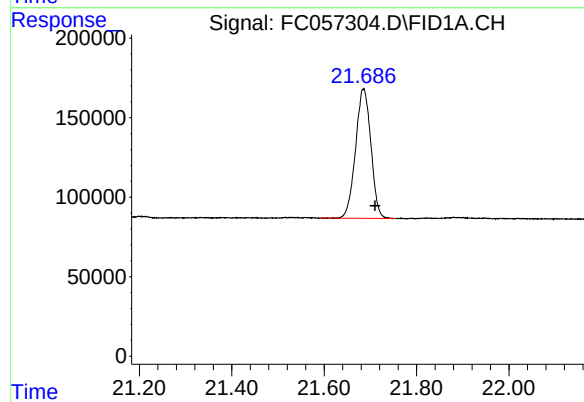
Response: 1886200

Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min  
Delta R.T.: -0.018 min  
Response: 1837554  
Conc: 20.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.685 min  
Delta R.T.: -0.025 min  
Response: 1875103  
Conc: 20.81 ug/ml