

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050219AL\  
 Data File : FC040983.D  
 Signal(s) : FID1A.CH  
 Acq On : 02 May 2019 14:25  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 03 01:12:55 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 042219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 22 15:26:11 2019  
 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)    | 11.026 | 2084889    | 20.012 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.02%       |
| 12) S 1-chlorooctadecane (S... | 12.453 | 1687502    | 20.366 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.73%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.865  | 1829585    | 20.277 ug/ml |
| 2) T n-Decane (C10)            | 3.884  | 1878560    | 20.456 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.459  | 2127880    | 20.477 ug/ml |
| 4) T n-Dodecane (C12)          | 5.876  | 1893367    | 20.424 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.508  | 2139758    | 20.401 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.666  | 1913722    | 20.103 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.262  | 1905175    | 19.786 ug/ml |
| 8) T n-Octadecane (C18)        | 10.701 | 1903998    | 19.594 ug/ml |
| 10) T n-Eicosane (C20)         | 12.008 | 1927009    | 20.108 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.619 | 1921139    | 20.533 ug/ml |
| 13) T n-Docosane (C22)         | 13.205 | 1928981    | 20.848 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.305 | 1948050    | 21.379 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.324 | 1947963    | 21.703 ug/ml |
| 16) T n-Octacosane (C28)       | 16.272 | 1966204    | 20.982 ug/ml |
| 17) T n-Tricontane (C30)       | 17.159 | 1960099    | 18.338 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.990 | 1851921    | 18.760 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.806 | 1602948    | 21.053 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.829 | 1425979    | 21.393 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.212 | 1327238    | 20.716 ug/ml |
| 22) T n-Tetracontane (C40)     | 23.136 | 1300846    | 20.645 ug/ml |
| -----                          |        |            |              |

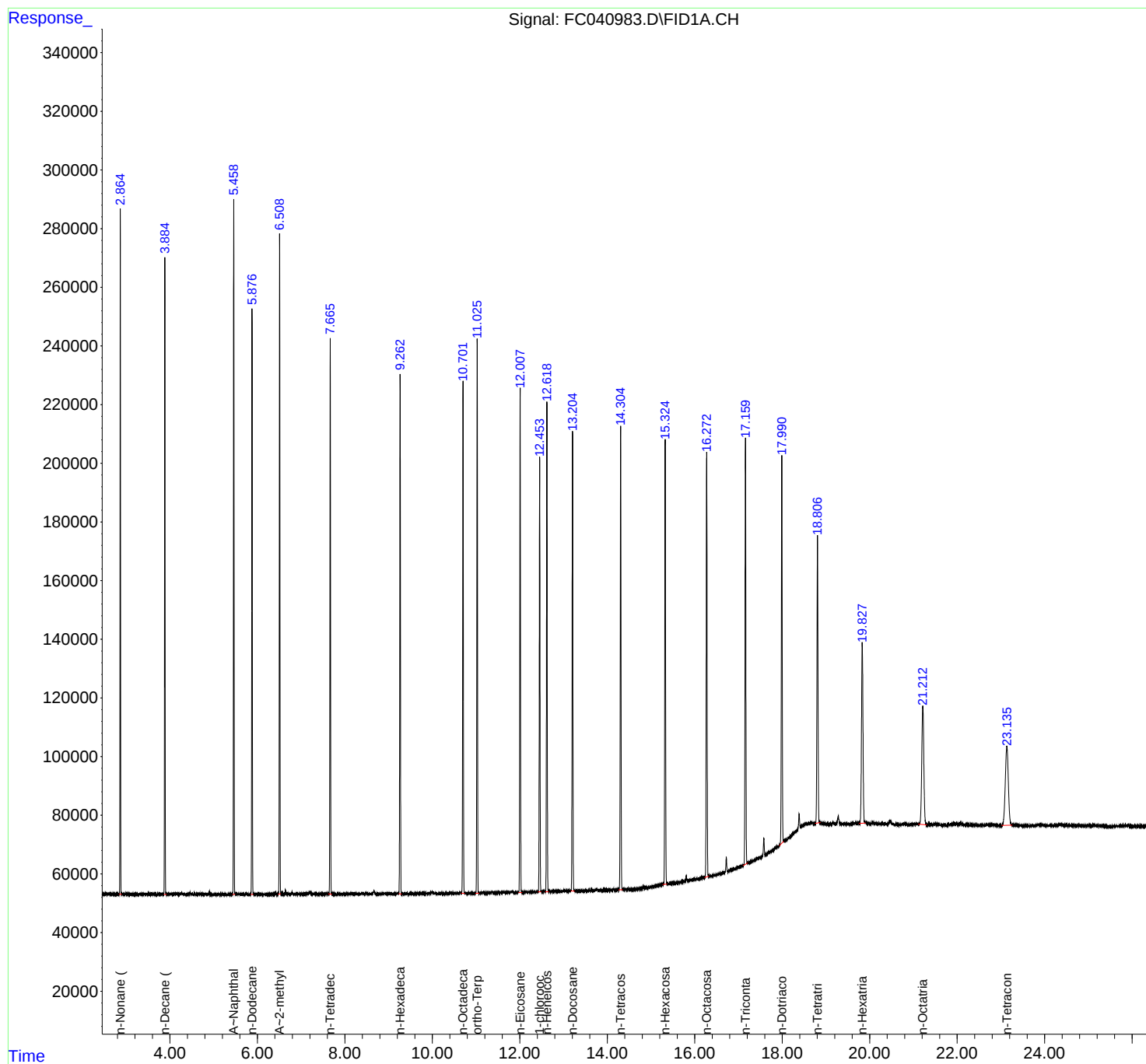
(f)=RT Delta > 1/2 Window

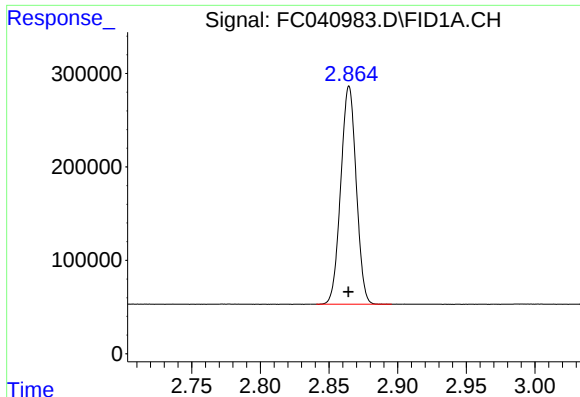
(m)=manual int.

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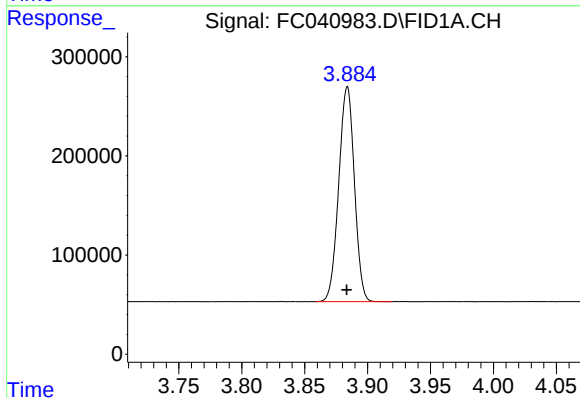
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





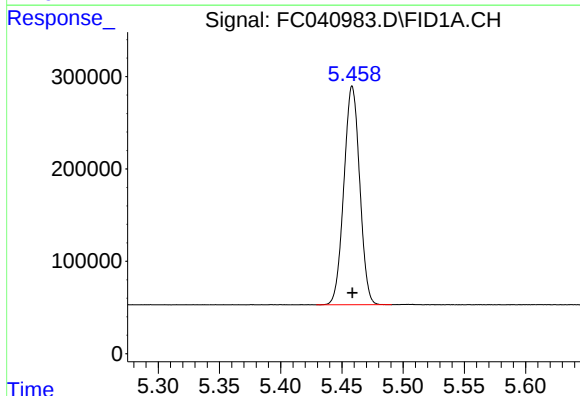
#1 n-Nonane (C9)

R.T.: 2.865 min  
Delta R.T.: 0.000 min  
Response: 1829585  
Conc: 20.28 ug/ml



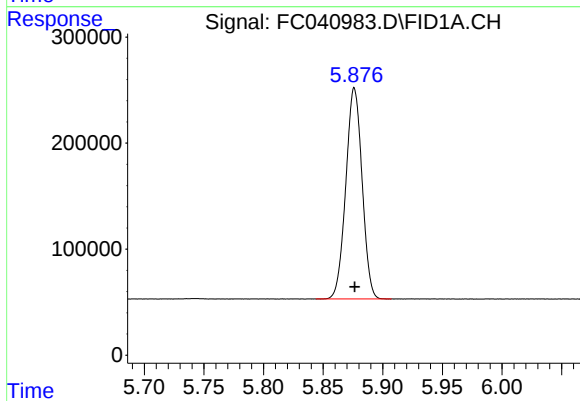
#2 n-Decane (C10)

R.T.: 3.884 min  
Delta R.T.: 0.000 min  
Response: 1878560  
Conc: 20.46 ug/ml



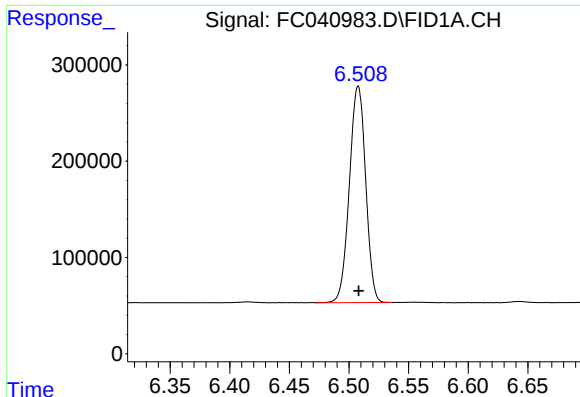
#3 A~Naphthalene (C11.7)

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 2127880  
Conc: 20.48 ug/ml



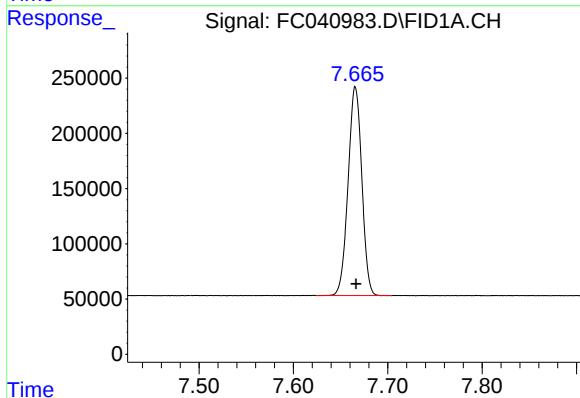
#4 n-Dodecane (C12)

R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 1893367  
Conc: 20.42 ug/ml



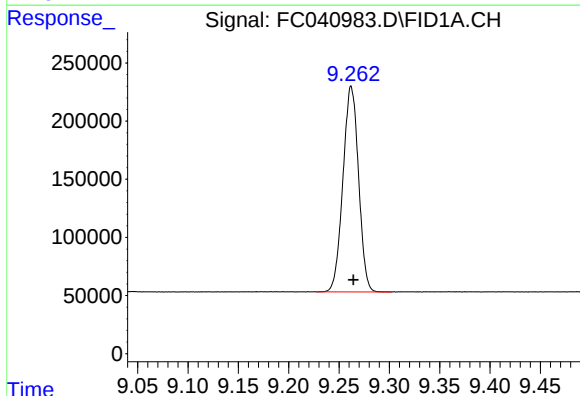
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 2139758  
Conc: 20.40 ug/ml



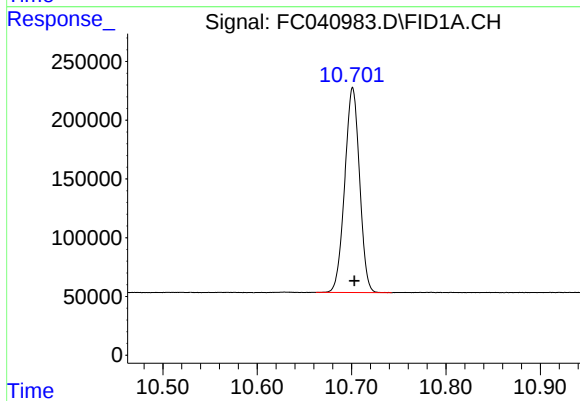
#6 n-Tetradecane (C14)

R.T.: 7.666 min  
Delta R.T.: 0.000 min  
Response: 1913722  
Conc: 20.10 ug/ml



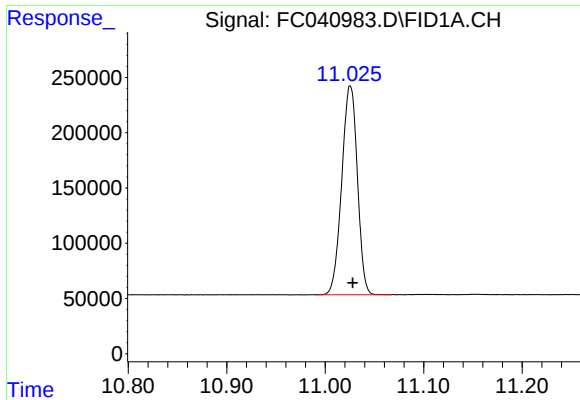
#7 n-Hexadecane (C16)

R.T.: 9.262 min  
Delta R.T.: -0.002 min  
Response: 1905175  
Conc: 19.79 ug/ml



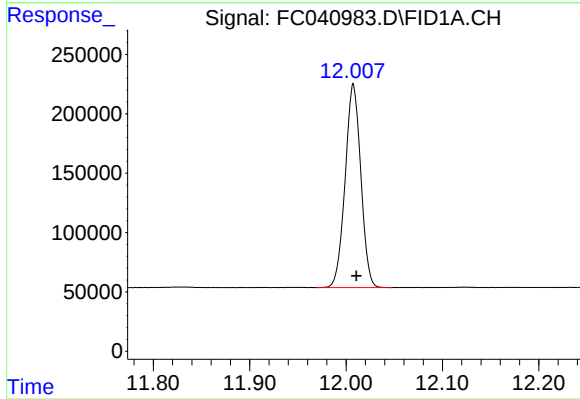
#8 n-Octadecane (C18)

R.T.: 10.701 min  
Delta R.T.: -0.002 min  
Response: 1903998  
Conc: 19.59 ug/ml



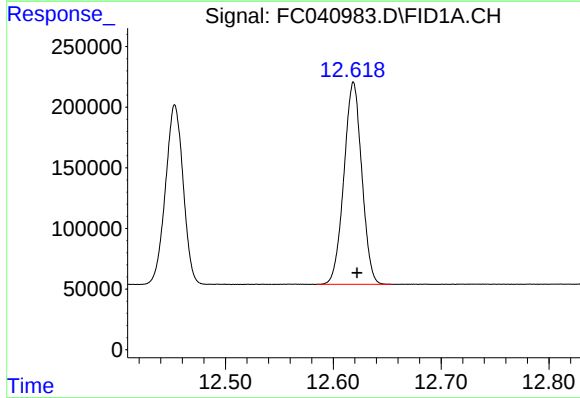
#9 ortho-Terphenyl (SURR)

R.T.: 11.026 min  
Delta R.T.: -0.002 min  
Response: 2084889  
Conc: 20.01 ug/ml



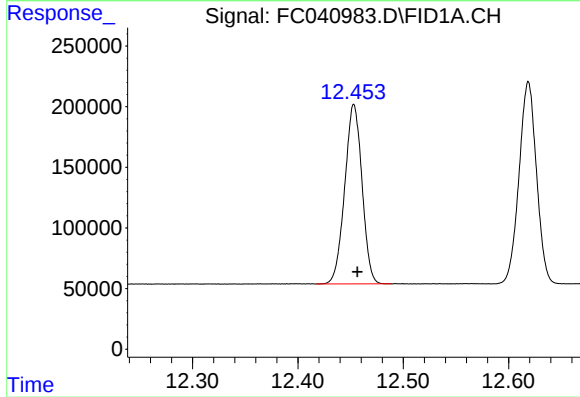
#10 n-Eicosane (C20)

R.T.: 12.008 min  
Delta R.T.: -0.003 min  
Response: 1927009  
Conc: 20.11 ug/ml



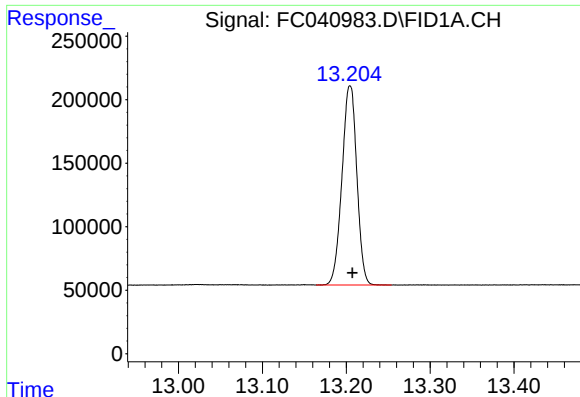
#11 n-Heneicosane (C21)

R.T.: 12.619 min  
Delta R.T.: -0.003 min  
Response: 1921139  
Conc: 20.53 ug/ml



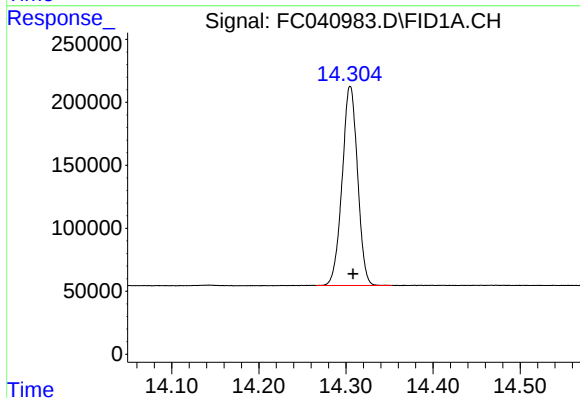
#12 1-chlorooctadecane (SURR)

R.T.: 12.453 min  
Delta R.T.: -0.004 min  
Response: 1687502  
Conc: 20.37 ug/ml



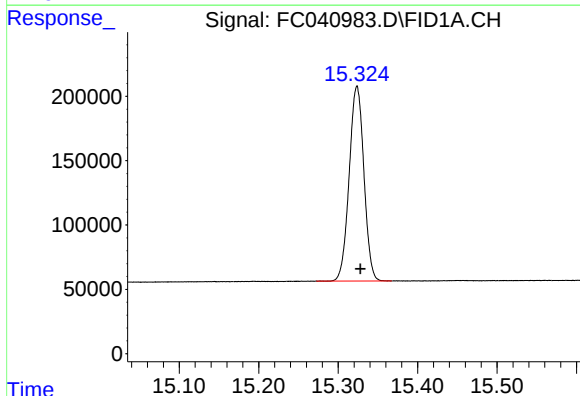
#13 n-Docosane (C22)

R.T.: 13.205 min  
Delta R.T.: -0.003 min  
Response: 1928981  
Conc: 20.85 ug/ml



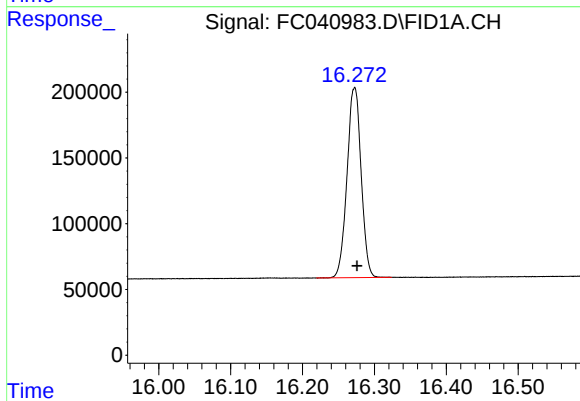
#14 n-Tetracosane (C24)

R.T.: 14.305 min  
Delta R.T.: -0.003 min  
Response: 1948050  
Conc: 21.38 ug/ml



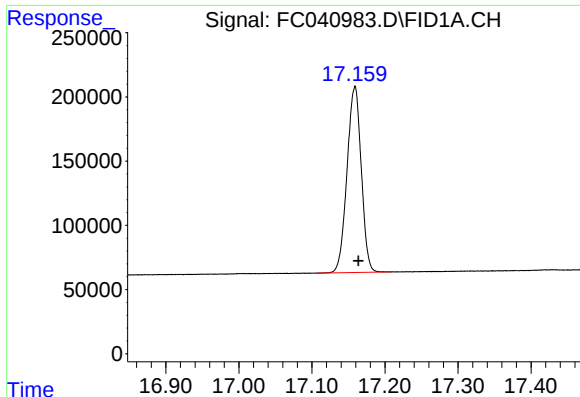
#15 n-Hexacosane (C26)

R.T.: 15.324 min  
Delta R.T.: -0.004 min  
Response: 1947963  
Conc: 21.70 ug/ml



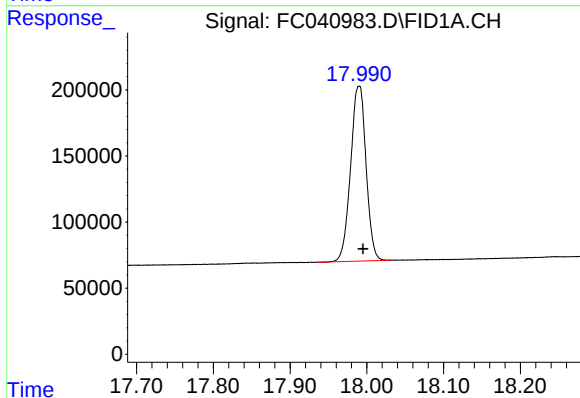
#16 n-Octacosane (C28)

R.T.: 16.272 min  
Delta R.T.: -0.003 min  
Response: 1966204  
Conc: 20.98 ug/ml



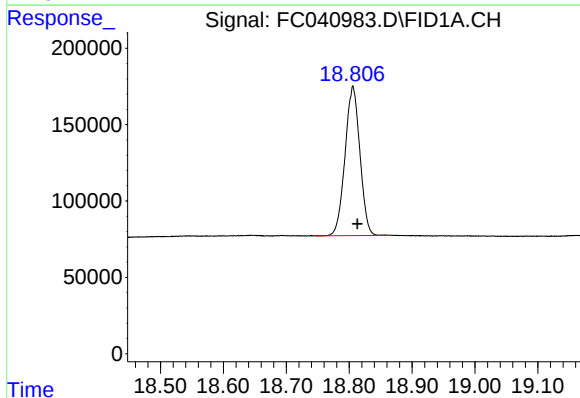
#17 n-Tricontane (C30)

R.T.: 17.159 min  
Delta R.T.: -0.005 min  
Response: 1960099  
Conc: 18.34 ug/ml



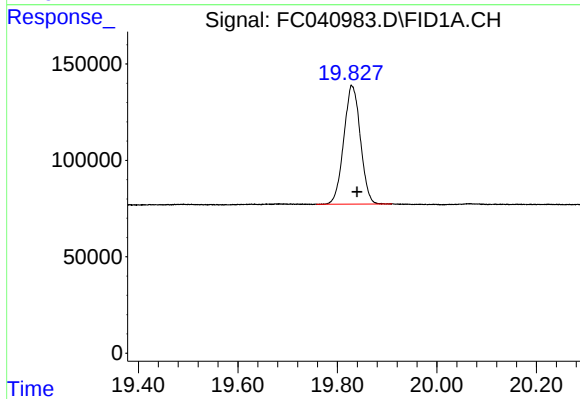
#18 n-Dotriacontane (C32)

R.T.: 17.990 min  
Delta R.T.: -0.005 min  
Response: 1851921  
Conc: 18.76 ug/ml



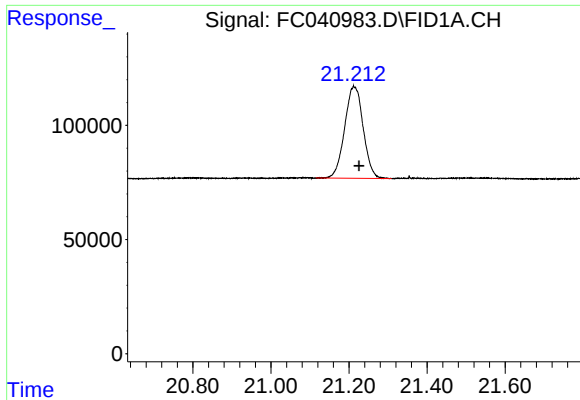
#19 n-Tetratriacontane (C34)

R.T.: 18.806 min  
Delta R.T.: -0.007 min  
Response: 1602948  
Conc: 21.05 ug/ml



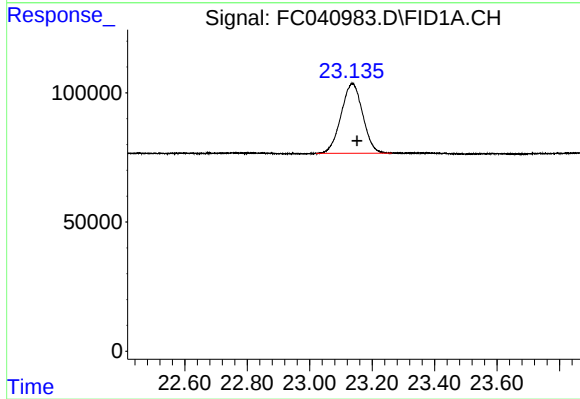
#20 n-Hexatriacontane (C36)

R.T.: 19.829 min  
Delta R.T.: -0.010 min  
Response: 1425979  
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min  
Delta R.T.: -0.014 min  
Response: 1327238  
Conc: 20.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.136 min  
Delta R.T.: -0.015 min  
Response: 1300846  
Conc: 20.65 ug/ml