

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012920AL\  
 Data File : FC045528.D  
 Signal(s) : FID1A.CH  
 Acq On : 29 Jan 2020 9:18  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 30 01:04:46 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 012120.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 22 04:15:47 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)    | 11.766 | 2104964    | 19.148 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.30%       |
| 12) S 1-chlorooctadecane (S... | 13.187 | 1628944    | 18.735 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.47%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.524  | 2035395    | 21.043 ug/ml |
| 2) T n-Decane (C10)            | 4.596  | 2081168    | 21.488 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.199  | 2259868    | 21.159 ug/ml |
| 4) T n-Dodecane (C12)          | 6.612  | 2087095    | 21.349 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.253  | 2253507    | 21.023 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.401  | 2058556    | 20.890 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.997  | 2037069    | 20.347 ug/ml |
| 8) T n-Octadecane (C18)        | 11.435 | 2012896    | 19.763 ug/ml |
| 10) T n-Eicosane (C20)         | 12.741 | 1963122    | 19.142 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.351 | 1950056    | 18.840 ug/ml |
| 13) T n-Docosane (C22)         | 13.936 | 1911354    | 18.525 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.036 | 1866994    | 17.967 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.055 | 1818955    | 17.606 ug/ml |
| 16) T n-Octacosane (C28)       | 17.001 | 1794840    | 17.560 ug/ml |
| 17) T n-Tricontane (C30)       | 17.887 | 1778228    | 18.114 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.716 | 1551373    | 18.644 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.498 | 1318697    | 18.634 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.233 | 1201331    | 18.736 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.002 | 1112489    | 19.020 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.971 | 1117368    | 18.941 ug/ml |
| -----                          |        |            |              |

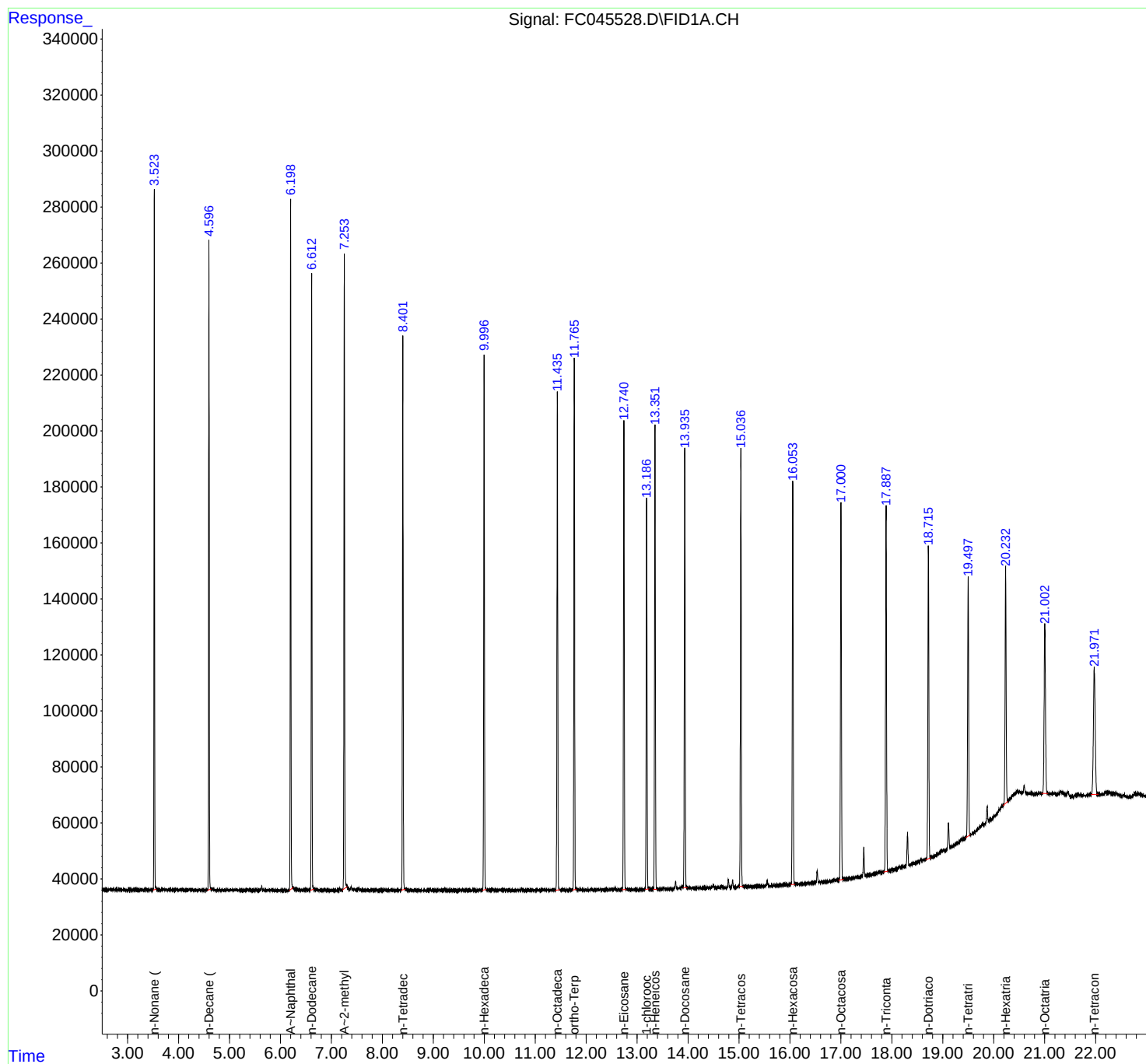
(f)=RT Delta > 1/2 Window

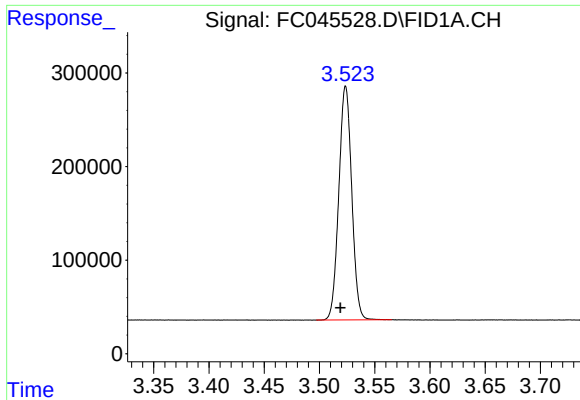
(m)=manual int.

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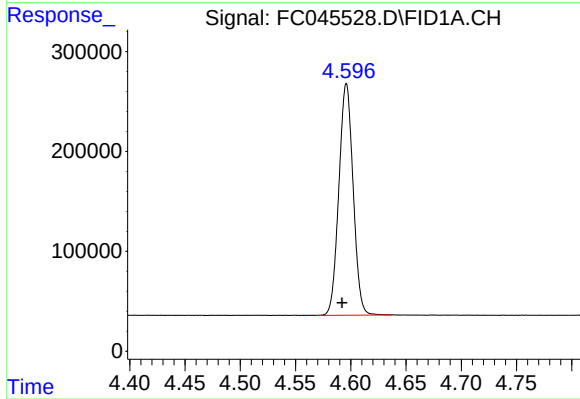
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





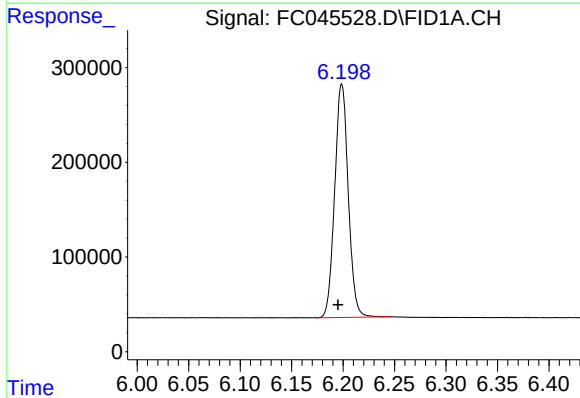
#1 n-Nonane (C9)

R.T.: 3.524 min  
Delta R.T.: 0.005 min  
Response: 2035395  
Conc: 21.04 ug/ml



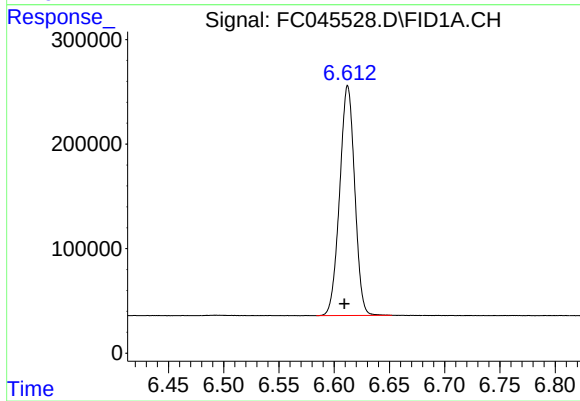
#2 n-Decane (C10)

R.T.: 4.596 min  
Delta R.T.: 0.004 min  
Response: 2081168  
Conc: 21.49 ug/ml



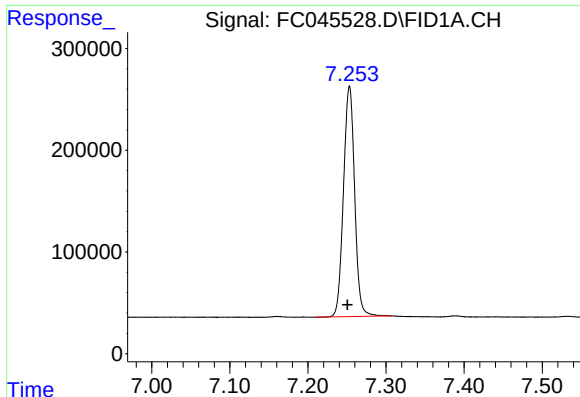
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min  
Delta R.T.: 0.003 min  
Response: 2259868  
Conc: 21.16 ug/ml



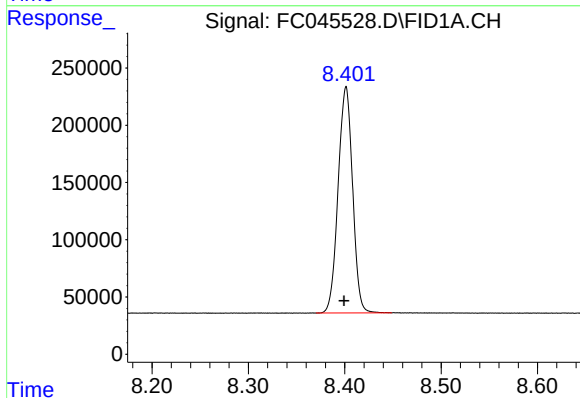
#4 n-Dodecane (C12)

R.T.: 6.612 min  
Delta R.T.: 0.003 min  
Response: 2087095  
Conc: 21.35 ug/ml



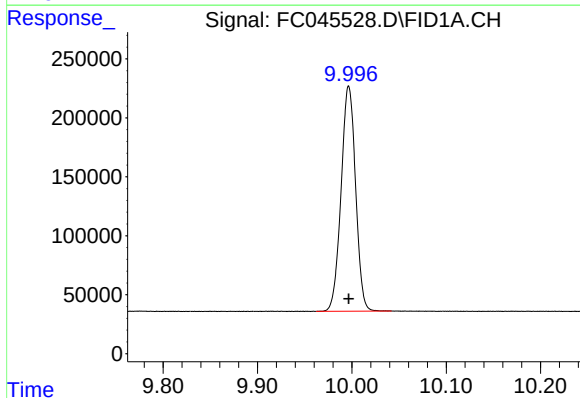
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min  
Delta R.T.: 0.003 min  
Response: 2253507  
Conc: 21.02 ug/ml



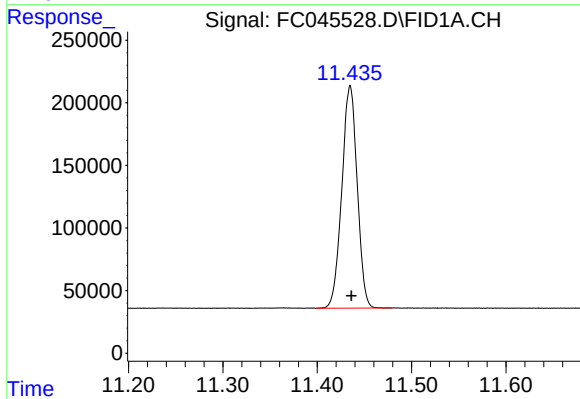
#6 n-Tetradecane (C14)

R.T.: 8.401 min  
Delta R.T.: 0.002 min  
Response: 2058556  
Conc: 20.89 ug/ml



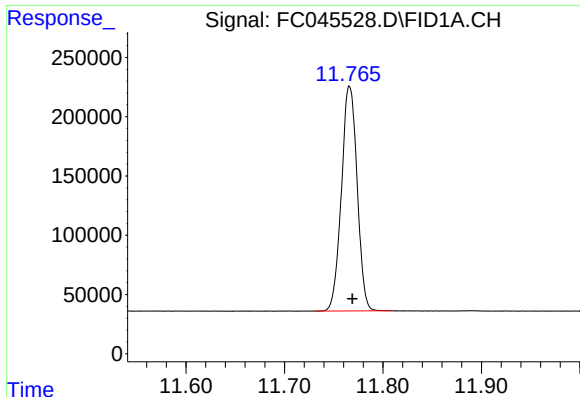
#7 n-Hexadecane (C16)

R.T.: 9.997 min  
Delta R.T.: 0.000 min  
Response: 2037069  
Conc: 20.35 ug/ml



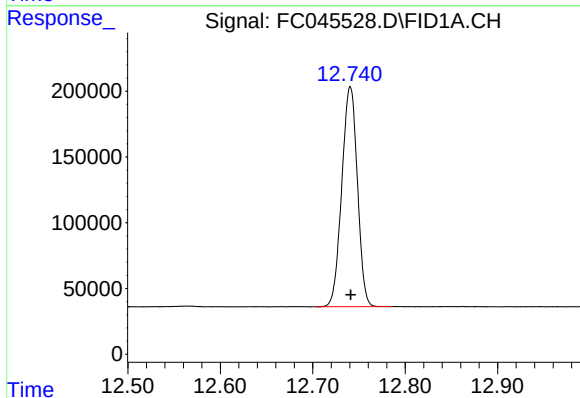
#8 n-Octadecane (C18)

R.T.: 11.435 min  
Delta R.T.: -0.001 min  
Response: 2012896  
Conc: 19.76 ug/ml



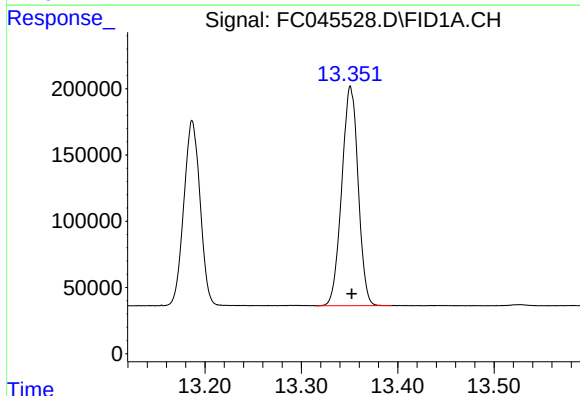
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min  
Delta R.T.: -0.003 min  
Response: 2104964  
Conc: 19.15 ug/ml



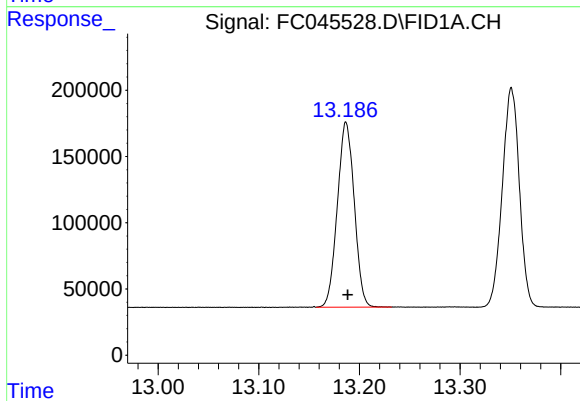
#10 n-Eicosane (C20)

R.T.: 12.741 min  
Delta R.T.: 0.000 min  
Response: 1963122  
Conc: 19.14 ug/ml



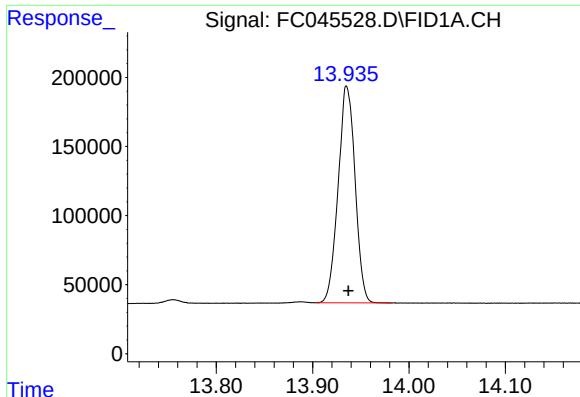
#11 n-Heneicosane (C21)

R.T.: 13.351 min  
Delta R.T.: -0.001 min  
Response: 1950056  
Conc: 18.84 ug/ml



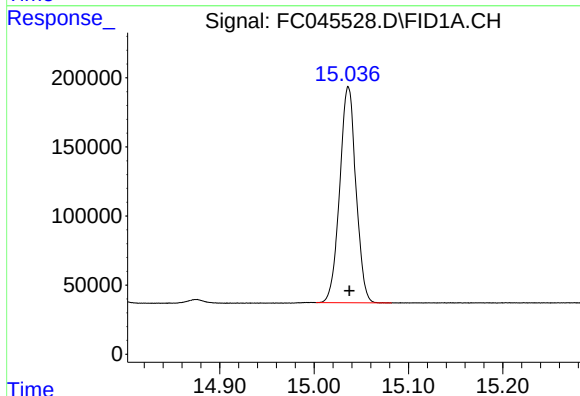
#12 1-chlorooctadecane (SURR)

R.T.: 13.187 min  
Delta R.T.: -0.002 min  
Response: 1628944  
Conc: 18.74 ug/ml



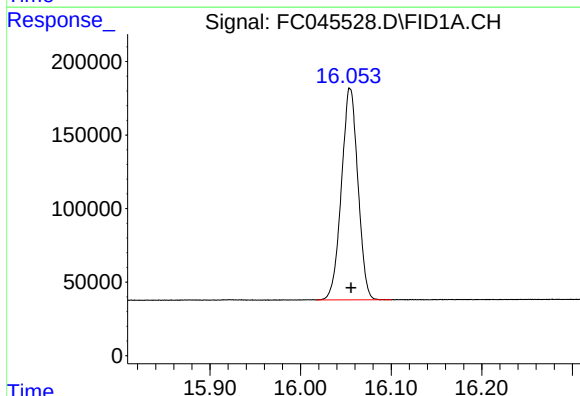
#13 n-Docosane (C22)

R.T.: 13.936 min  
Delta R.T.: -0.001 min  
Response: 1911354  
Conc: 18.52 ug/ml



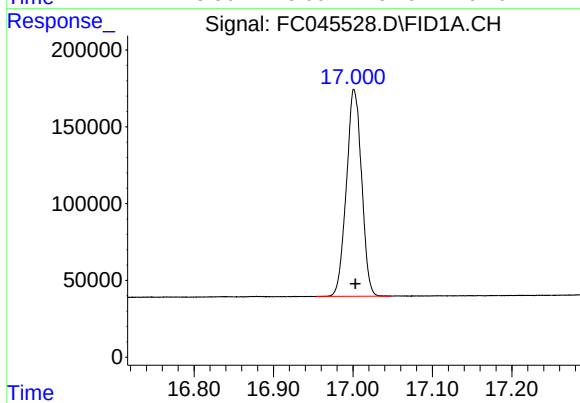
#14 n-Tetracosane (C24)

R.T.: 15.036 min  
Delta R.T.: -0.001 min  
Response: 1866994  
Conc: 17.97 ug/ml



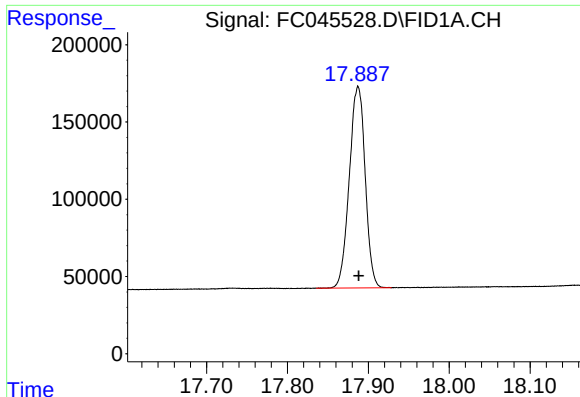
#15 n-Hexacosane (C26)

R.T.: 16.055 min  
Delta R.T.: 0.000 min  
Response: 1818955  
Conc: 17.61 ug/ml



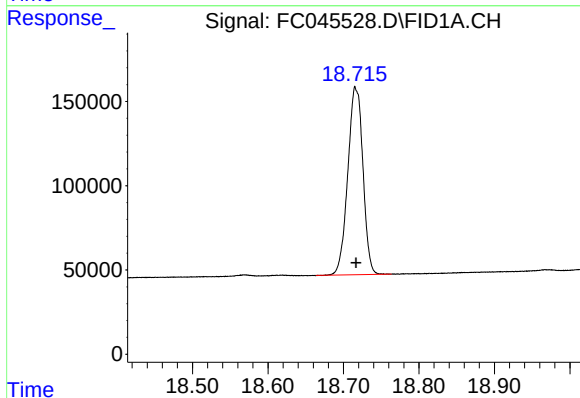
#16 n-Octacosane (C28)

R.T.: 17.001 min  
Delta R.T.: -0.002 min  
Response: 1794840  
Conc: 17.56 ug/ml



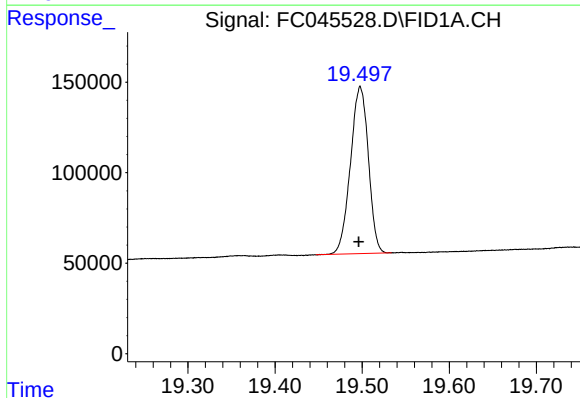
#17 n-Tricontane (C30)

R.T.: 17.887 min  
Delta R.T.: 0.000 min  
Response: 1778228  
Conc: 18.11 ug/ml



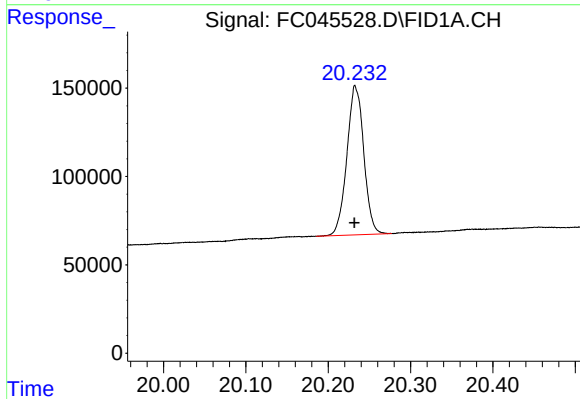
#18 n-Dotriacontane (C32)

R.T.: 18.716 min  
Delta R.T.: 0.000 min  
Response: 1551373  
Conc: 18.64 ug/ml



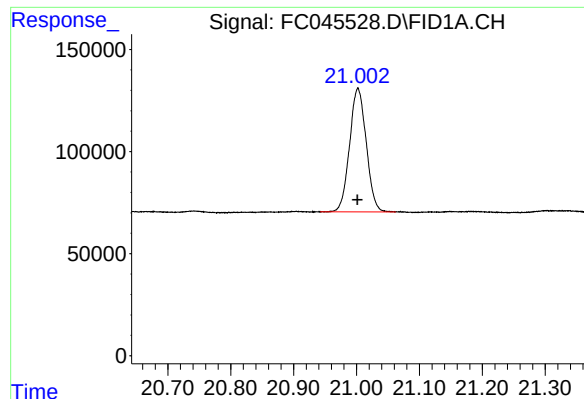
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min  
Delta R.T.: 0.002 min  
Response: 1318697  
Conc: 18.63 ug/ml



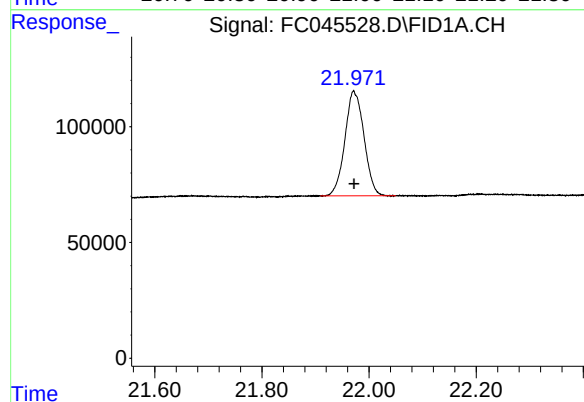
#20 n-Hexatriacontane (C36)

R.T.: 20.233 min  
Delta R.T.: 0.000 min  
Response: 1201331  
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min  
Delta R.T.: 0.000 min  
Response: 1112489  
Conc: 19.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.971 min  
Delta R.T.: -0.001 min  
Response: 1117368  
Conc: 18.94 ug/ml