

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012720AL\  
 Data File : FC045501.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Jan 2020 2:32  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 28 03:52:53 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)    | 11.770 | 2047198    | 18.623 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.25%       |
| 12) S 1-chlorooctadecane (S... | 13.192 | 1583068    | 18.208 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.42%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.524  | 1980378    | 20.475 ug/ml |
| 2) T n-Decane (C10)            | 4.597  | 2018534    | 20.842 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.200  | 2194882    | 20.550 ug/ml |
| 4) T n-Dodecane (C12)          | 6.614  | 2018531    | 20.648 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.255  | 2188482    | 20.416 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.403  | 1994038    | 20.235 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.000 | 1970619    | 19.684 ug/ml |
| 8) T n-Octadecane (C18)        | 11.439 | 1949592    | 19.141 ug/ml |
| 10) T n-Eicosane (C20)         | 12.745 | 1903840    | 18.564 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.355 | 1890421    | 18.263 ug/ml |
| 13) T n-Docosane (C22)         | 13.941 | 1854348    | 17.972 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.040 | 1807364    | 17.393 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.058 | 1752576    | 16.963 ug/ml |
| 16) T n-Octacosane (C28)       | 17.007 | 1721237    | 16.840 ug/ml |
| 17) T n-Tricontane (C30)       | 17.892 | 1686898    | 17.184 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.722 | 1464950    | 17.605 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.503 | 1248678    | 17.645 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.241 | 1168047    | 18.217 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.013 | 1051337    | 17.975 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.983 | 1144892    | 19.408 ug/ml |
| -----                          |        |            |              |

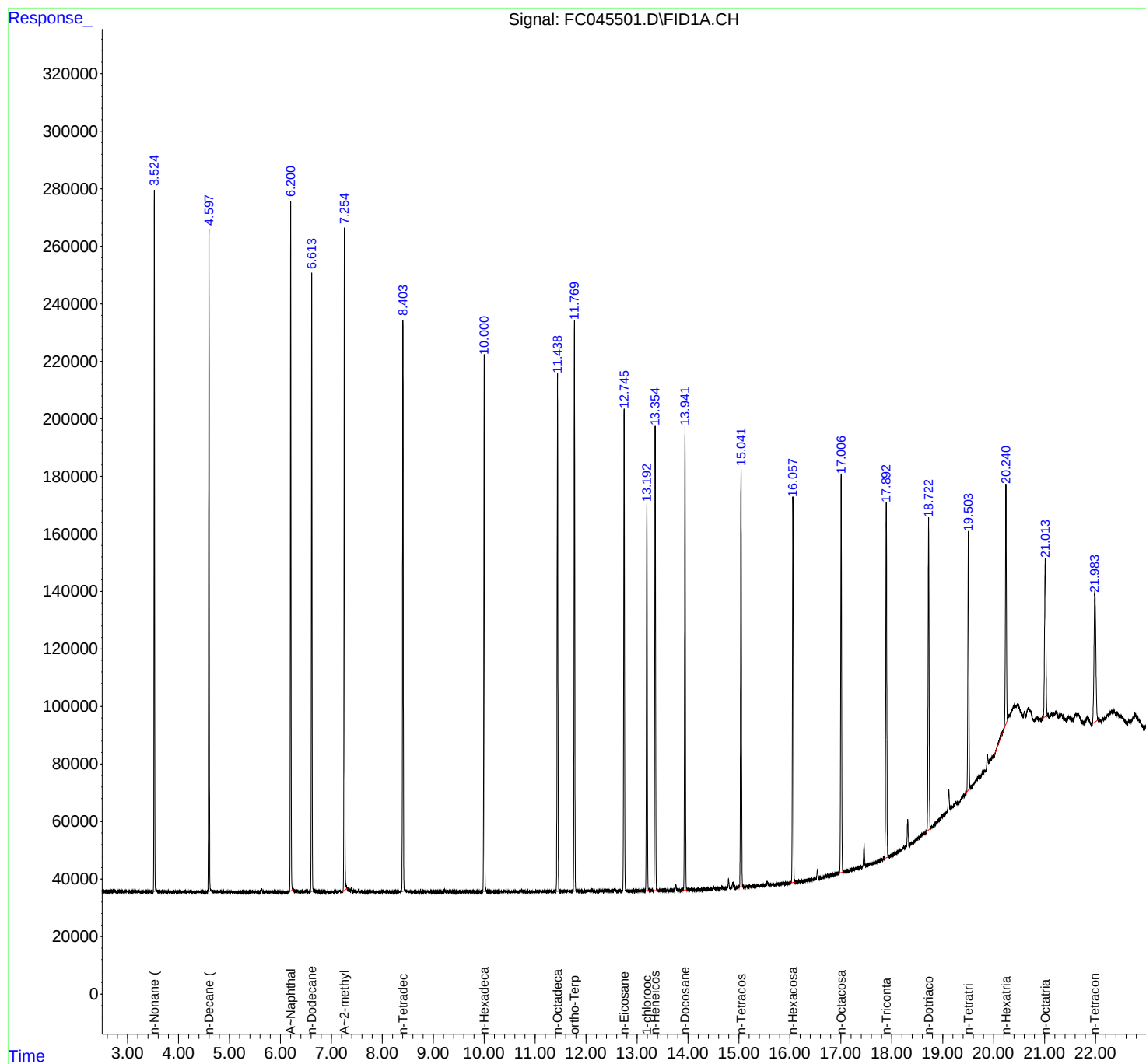
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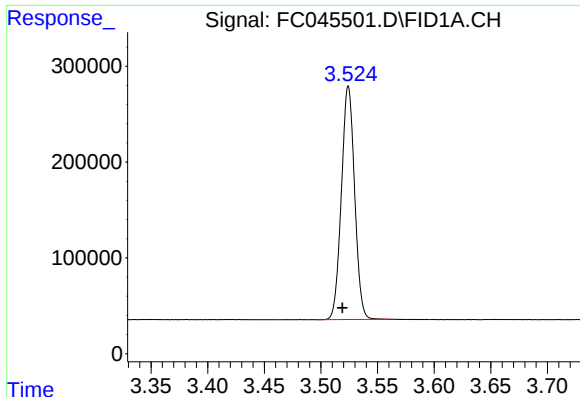
(m)=manual int.

```
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Data File : FC045501.D
Signal(s) : FID1A.CH
Acq On    : 28 Jan 2020    2:32
Operator  : DD\AJ
Sample    : 20 PPM ALIPHATIC HC STD
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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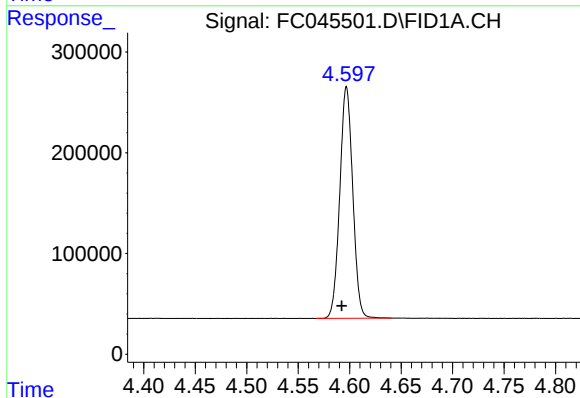
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





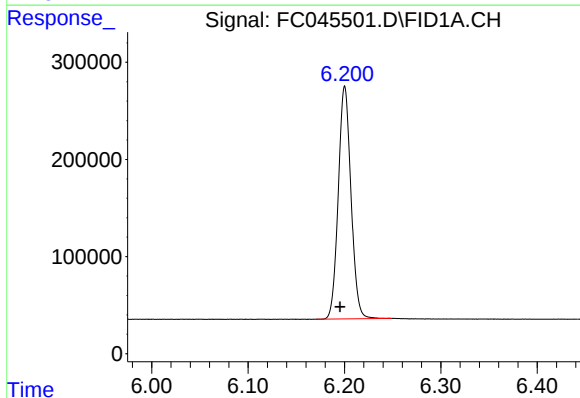
#1 n-Nonane (C9)

R.T.: 3.524 min  
Delta R.T.: 0.005 min  
Response: 1980378  
Conc: 20.47 ug/ml



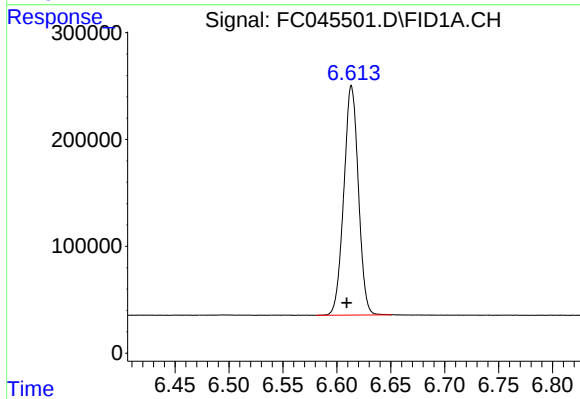
#2 n-Decane (C10)

R.T.: 4.597 min  
Delta R.T.: 0.005 min  
Response: 2018534  
Conc: 20.84 ug/ml



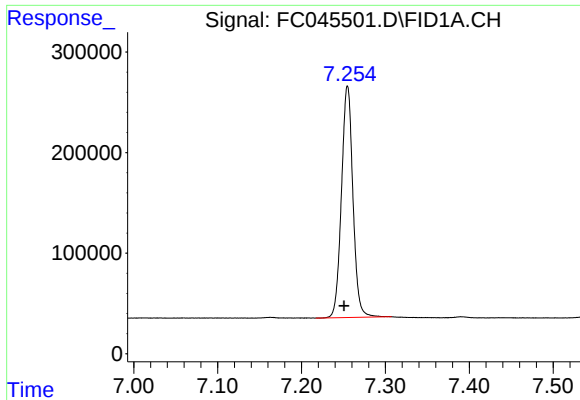
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min  
Delta R.T.: 0.005 min  
Response: 2194882  
Conc: 20.55 ug/ml



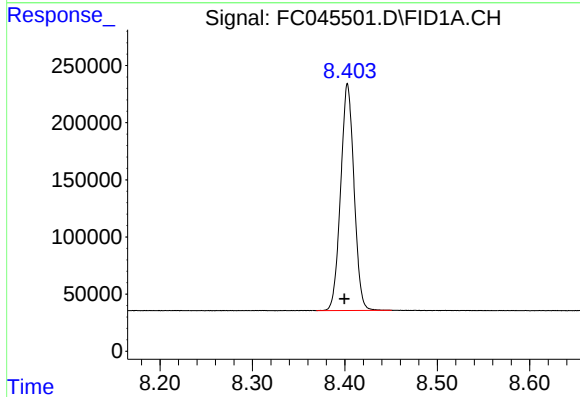
#4 n-Dodecane (C12)

R.T.: 6.614 min  
Delta R.T.: 0.004 min  
Response: 2018531  
Conc: 20.65 ug/ml



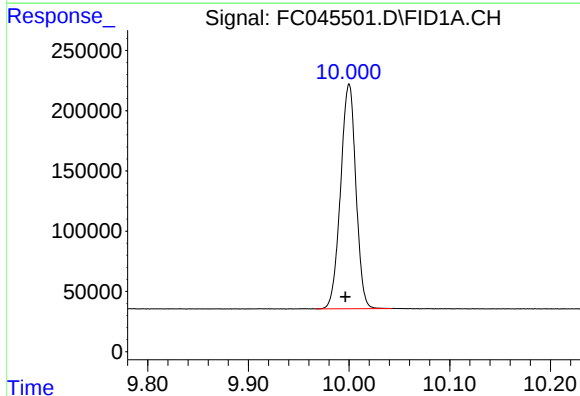
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min  
Delta R.T.: 0.004 min  
Response: 2188482  
Conc: 20.42 ug/ml



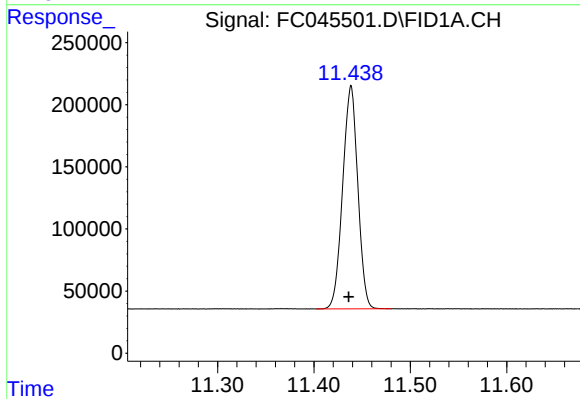
#6 n-Tetradecane (C14)

R.T.: 8.403 min  
Delta R.T.: 0.004 min  
Response: 1994038  
Conc: 20.24 ug/ml



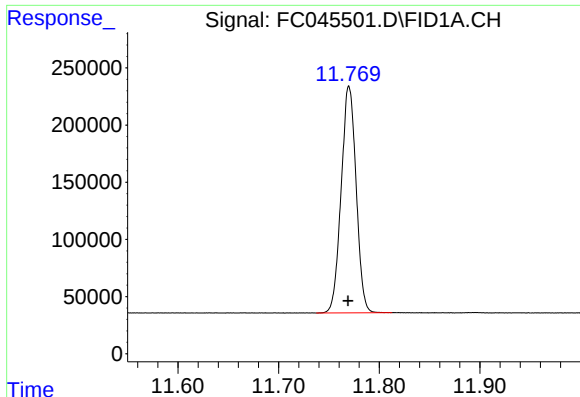
#7 n-Hexadecane (C16)

R.T.: 10.000 min  
Delta R.T.: 0.003 min  
Response: 1970619  
Conc: 19.68 ug/ml



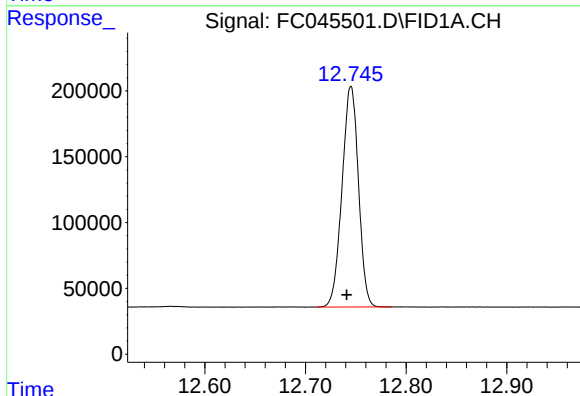
#8 n-Octadecane (C18)

R.T.: 11.439 min  
Delta R.T.: 0.002 min  
Response: 1949592  
Conc: 19.14 ug/ml



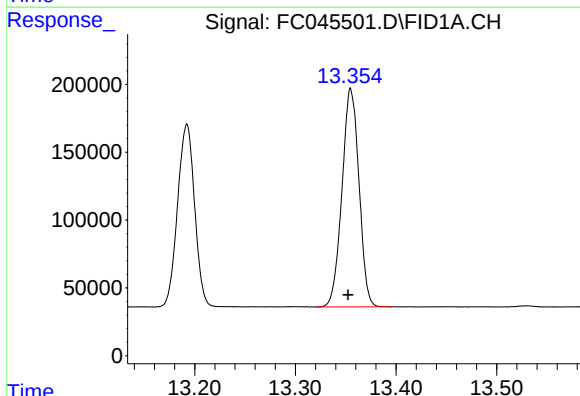
#9 ortho-Terphenyl (SURR)

R.T.: 11.770 min  
Delta R.T.: 0.001 min  
Response: 2047198  
Conc: 18.62 ug/ml



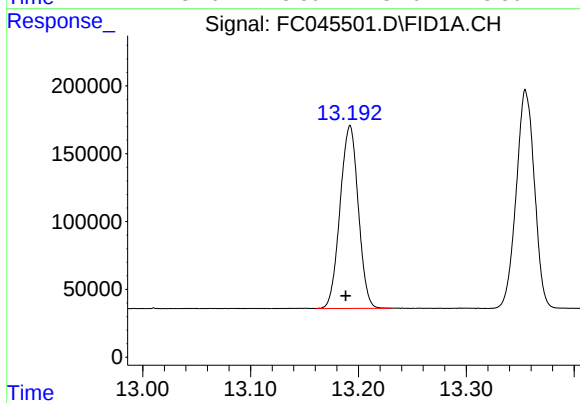
#10 n-Eicosane (C20)

R.T.: 12.745 min  
Delta R.T.: 0.004 min  
Response: 1903840  
Conc: 18.56 ug/ml



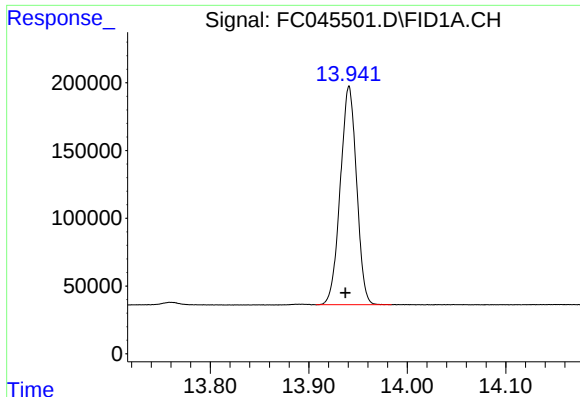
#11 n-Heneicosane (C21)

R.T.: 13.355 min  
Delta R.T.: 0.003 min  
Response: 1890421  
Conc: 18.26 ug/ml



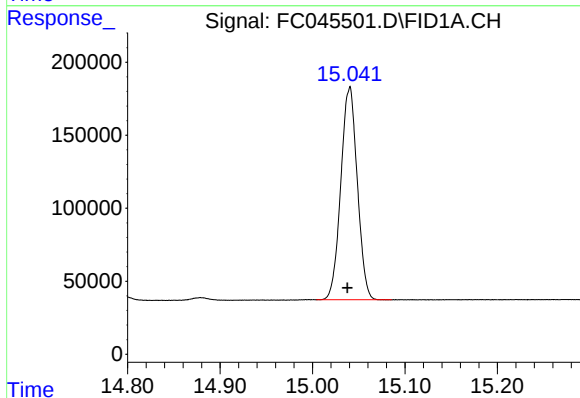
#12 1-chlorooctadecane (SURR)

R.T.: 13.192 min  
Delta R.T.: 0.004 min  
Response: 1583068  
Conc: 18.21 ug/ml



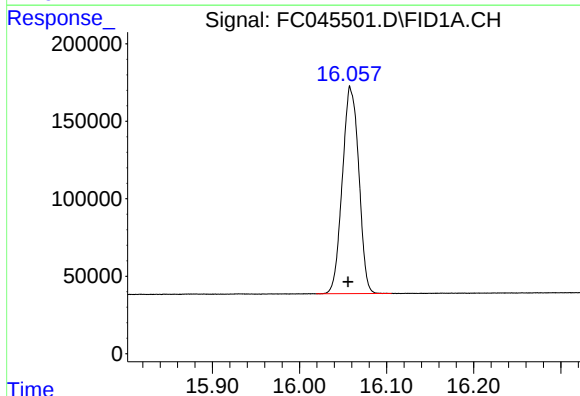
#13 n-Docosane (C22)

R.T.: 13.941 min  
Delta R.T.: 0.004 min  
Response: 1854348  
Conc: 17.97 ug/ml



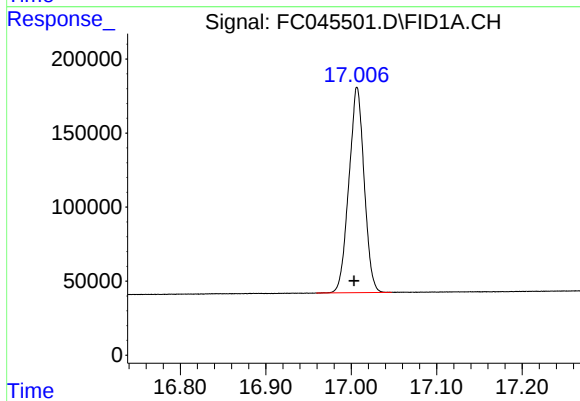
#14 n-Tetracosane (C24)

R.T.: 15.040 min  
Delta R.T.: 0.003 min  
Response: 1807364  
Conc: 17.39 ug/ml



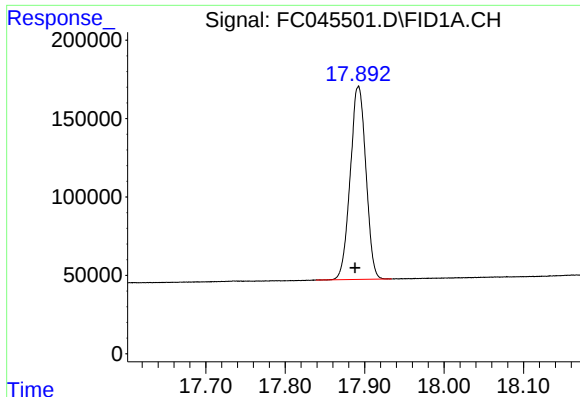
#15 n-Hexacosane (C26)

R.T.: 16.058 min  
Delta R.T.: 0.003 min  
Response: 1752576  
Conc: 16.96 ug/ml



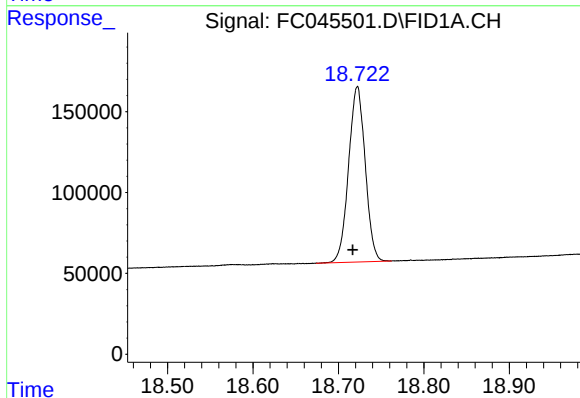
#16 n-Octacosane (C28)

R.T.: 17.007 min  
Delta R.T.: 0.004 min  
Response: 1721237  
Conc: 16.84 ug/ml



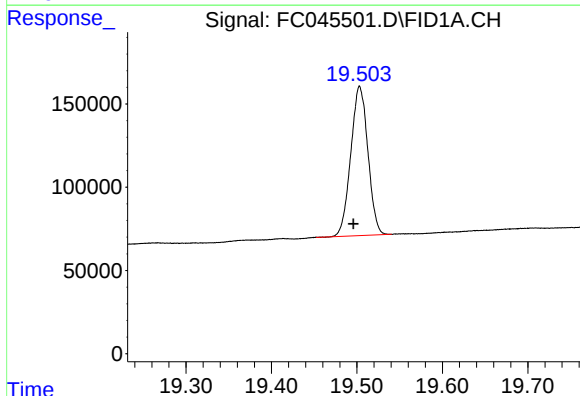
#17 n-Tricontane (C30)

R.T.: 17.892 min  
Delta R.T.: 0.004 min  
Response: 1686898  
Conc: 17.18 ug/ml



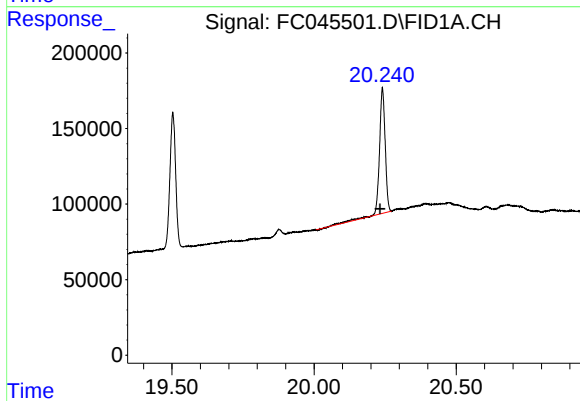
#18 n-Dotriacontane (C32)

R.T.: 18.722 min  
Delta R.T.: 0.006 min  
Response: 1464950  
Conc: 17.61 ug/ml



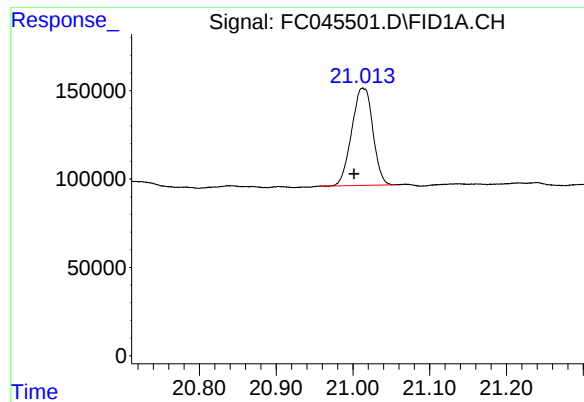
#19 n-Tetratriacontane (C34)

R.T.: 19.503 min  
Delta R.T.: 0.007 min  
Response: 1248678  
Conc: 17.64 ug/ml



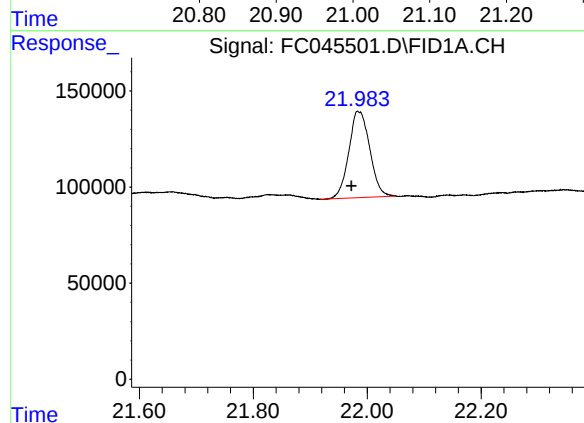
#20 n-Hexatriacontane (C36)

R.T.: 20.241 min  
Delta R.T.: 0.008 min  
Response: 1168047  
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min  
Delta R.T.: 0.011 min  
Response: 1051337  
Conc: 17.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min  
Delta R.T.: 0.011 min  
Response: 1144892  
Conc: 19.41 ug/ml