

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030220AL\  
 Data File : FC046049.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Mar 2020 2:21  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 03 06:31:35 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Feb 22 03:16:45 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 | 2384791    | 20.905 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.81%       |
| 12) S 1-chlorooctadecane (S... | 13.184 | 1836458    | 20.471 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.94%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.536  | 2256996    | 22.390 ug/ml |
| 2) T n-Decane (C10)            | 4.606  | 2285666    | 22.661 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.207  | 2522111    | 22.714 ug/ml |
| 4) T n-Dodecane (C12)          | 6.618  | 2316217    | 22.704 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.258  | 2547267    | 22.900 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.404  | 2304335    | 22.510 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.997  | 2287769    | 22.096 ug/ml |
| 8) T n-Octadecane (C18)        | 11.433 | 2262193    | 21.519 ug/ml |
| 10) T n-Eicosane (C20)         | 12.738 | 2208450    | 20.892 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.349 | 2191319    | 20.545 ug/ml |
| 13) T n-Docosane (C22)         | 13.933 | 2150593    | 20.239 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.031 | 2090389    | 19.531 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.050 | 2007950    | 18.892 ug/ml |
| 16) T n-Octacosane (C28)       | 16.996 | 1934370    | 18.476 ug/ml |
| 17) T n-Tricontane (C30)       | 17.880 | 1852981    | 18.388 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.709 | 1596734    | 18.657 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.487 | 1448575    | 19.959 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.225 | 1881762    | 27.825 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.991 | 1182701    | 19.567 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.959 | 1848164    | 29.396 ug/ml |
| -----                          |        |            |              |

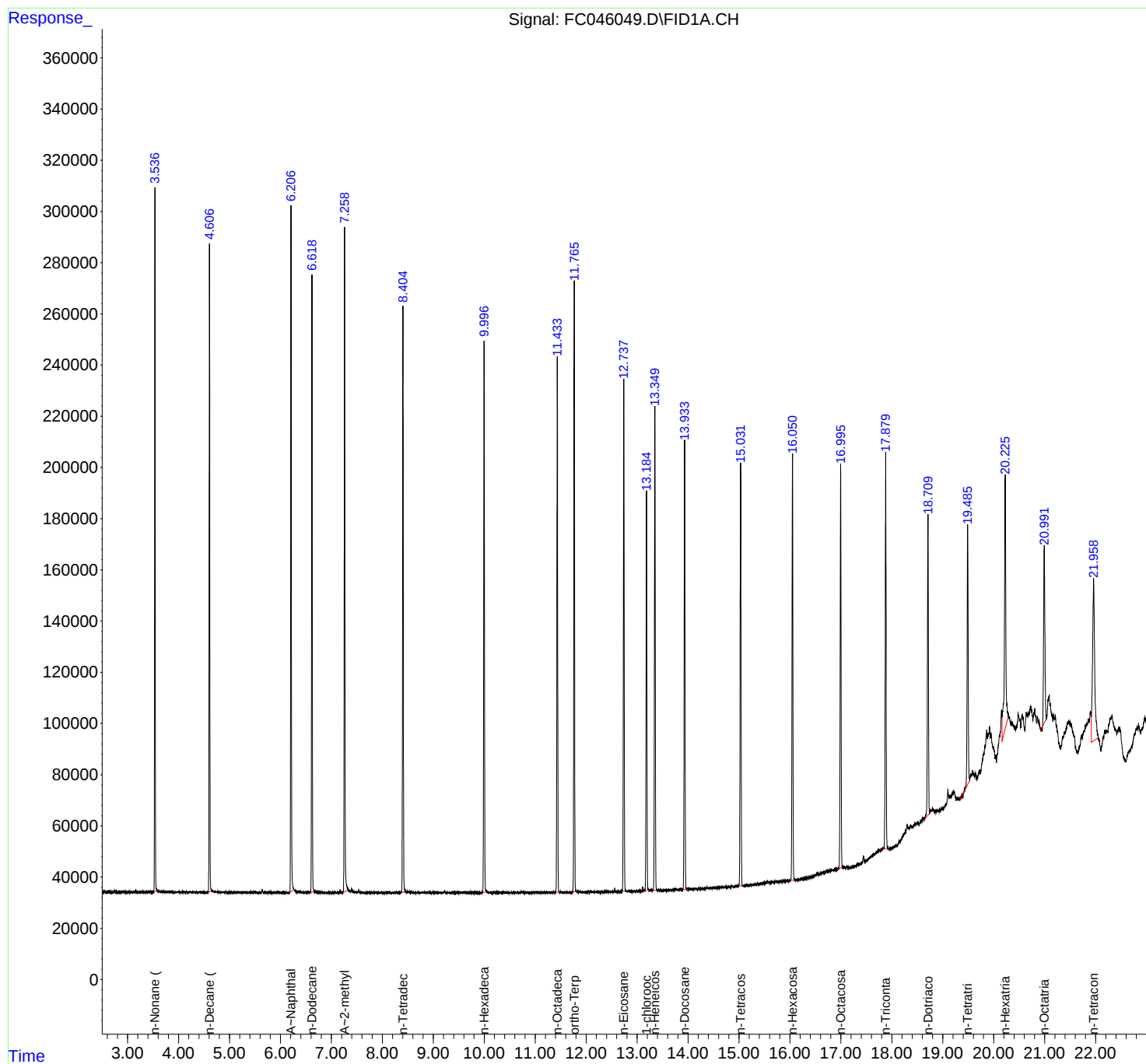
(f)=RT Delta > 1/2 Window

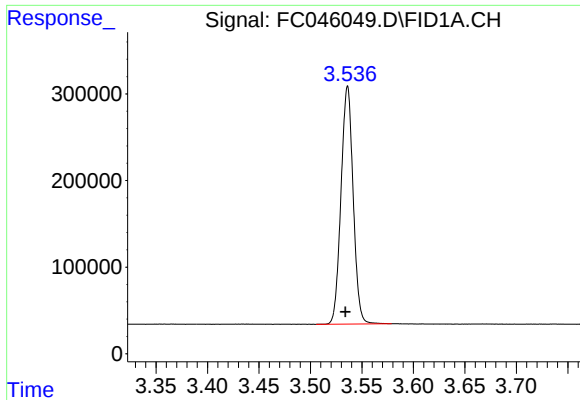
(m)=manual int.

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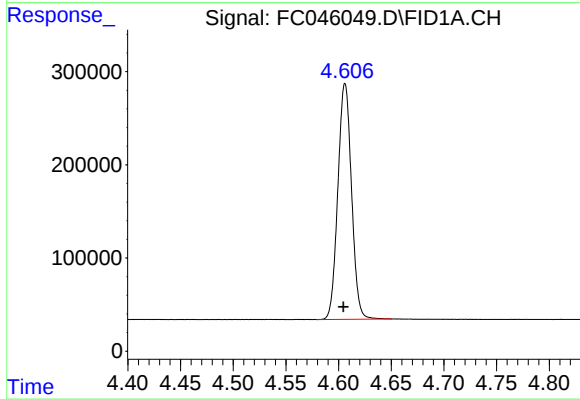
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





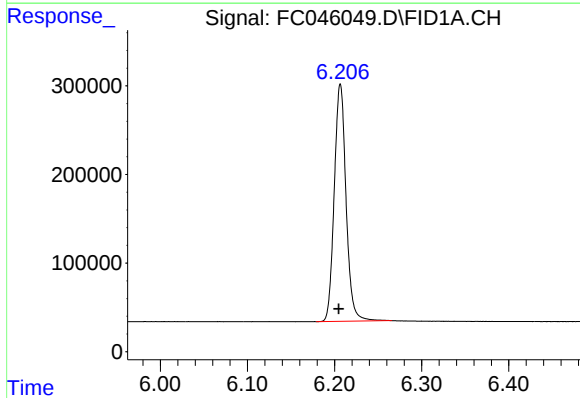
#1 n-Nonane (C9)

R.T.: 3.536 min  
Delta R.T.: 0.002 min  
Response: 2256996  
Conc: 22.39 ug/ml



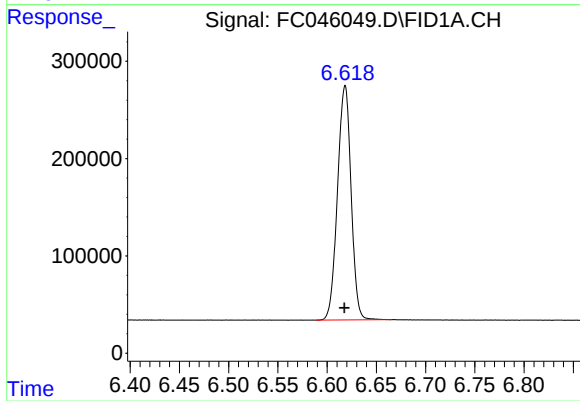
#2 n-Decane (C10)

R.T.: 4.606 min  
Delta R.T.: 0.001 min  
Response: 2285666  
Conc: 22.66 ug/ml



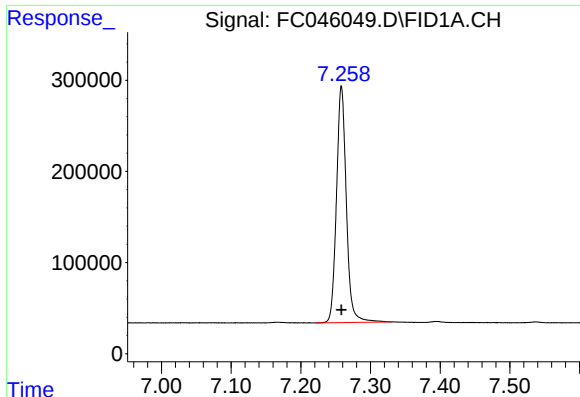
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min  
Delta R.T.: 0.002 min  
Response: 2522111  
Conc: 22.71 ug/ml



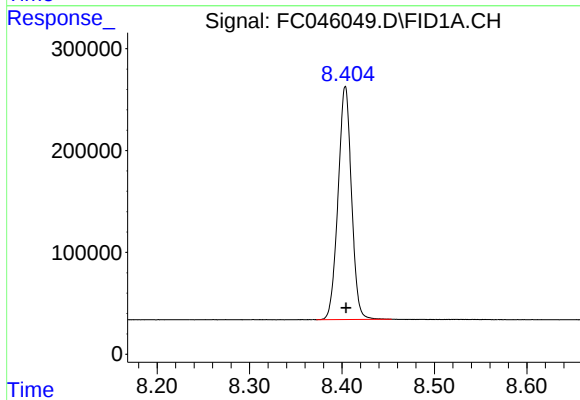
#4 n-Dodecane (C12)

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 2316217  
Conc: 22.70 ug/ml



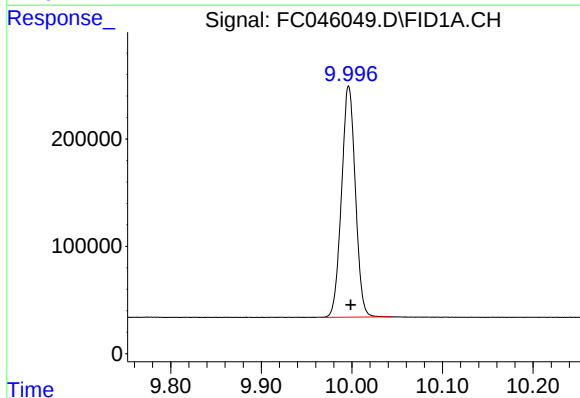
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min  
Delta R.T.: 0.000 min  
Response: 2547267  
Conc: 22.90 ug/ml



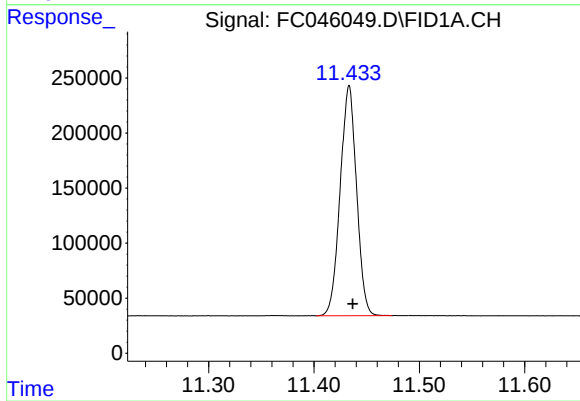
#6 n-Tetradecane (C14)

R.T.: 8.404 min  
Delta R.T.: 0.000 min  
Response: 2304335  
Conc: 22.51 ug/ml



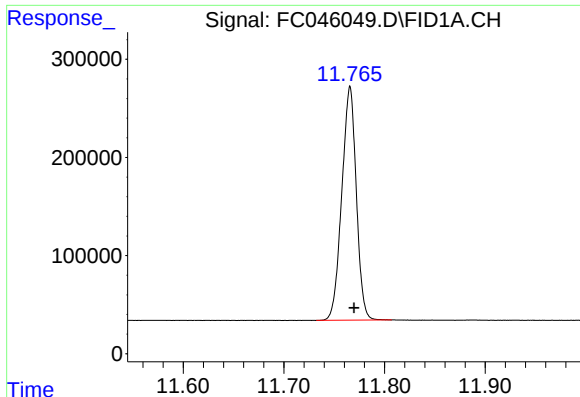
#7 n-Hexadecane (C16)

R.T.: 9.997 min  
Delta R.T.: -0.002 min  
Response: 2287769  
Conc: 22.10 ug/ml



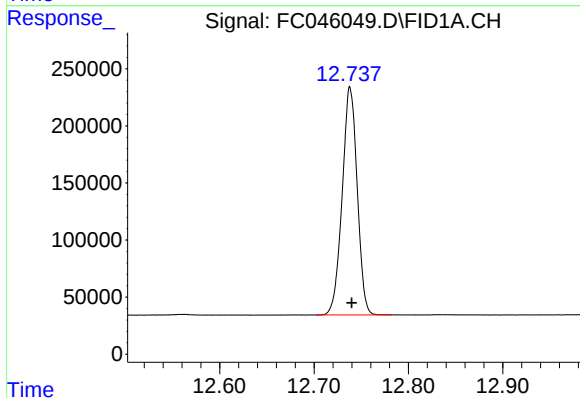
#8 n-Octadecane (C18)

R.T.: 11.433 min  
Delta R.T.: -0.003 min  
Response: 2262193  
Conc: 21.52 ug/ml



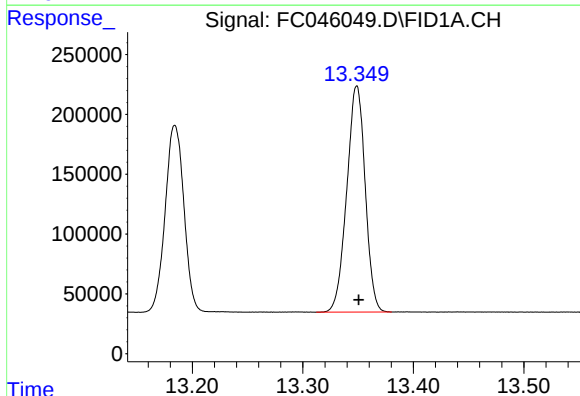
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min  
Delta R.T.: -0.004 min  
Response: 2384791  
Conc: 20.90 ug/ml



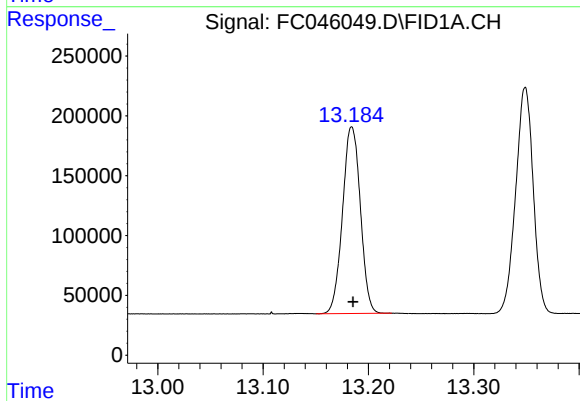
#10 n-Eicosane (C20)

R.T.: 12.738 min  
Delta R.T.: -0.002 min  
Response: 2208450  
Conc: 20.89 ug/ml



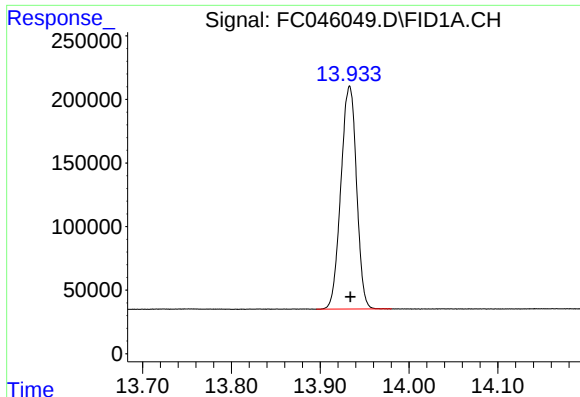
#11 n-Heneicosane (C21)

R.T.: 13.349 min  
Delta R.T.: -0.002 min  
Response: 2191319  
Conc: 20.55 ug/ml



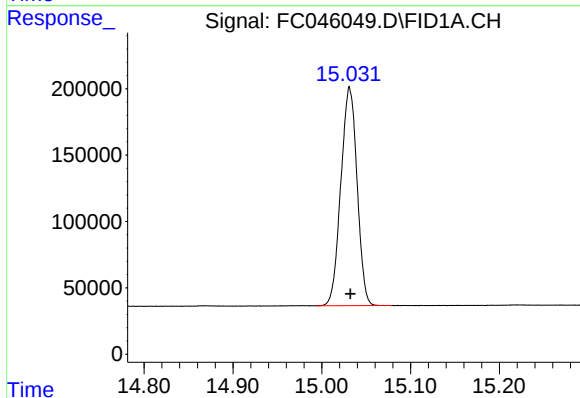
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min  
Delta R.T.: -0.001 min  
Response: 1836458  
Conc: 20.47 ug/ml



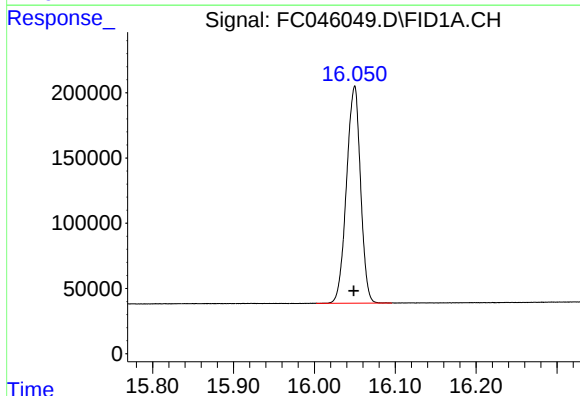
#13 n-Docosane (C22)

R.T.: 13.933 min  
Delta R.T.: -0.001 min  
Response: 2150593  
Conc: 20.24 ug/ml



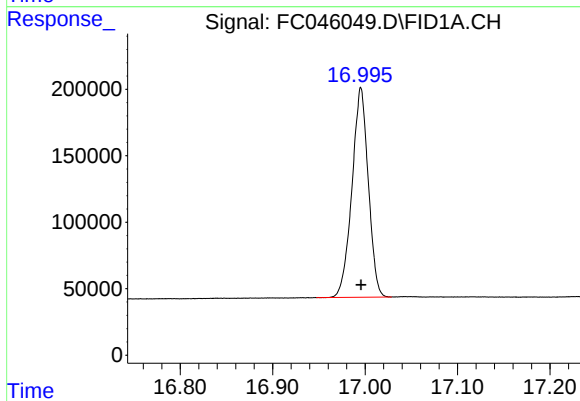
#14 n-Tetracosane (C24)

R.T.: 15.031 min  
Delta R.T.: 0.000 min  
Response: 2090389  
Conc: 19.53 ug/ml



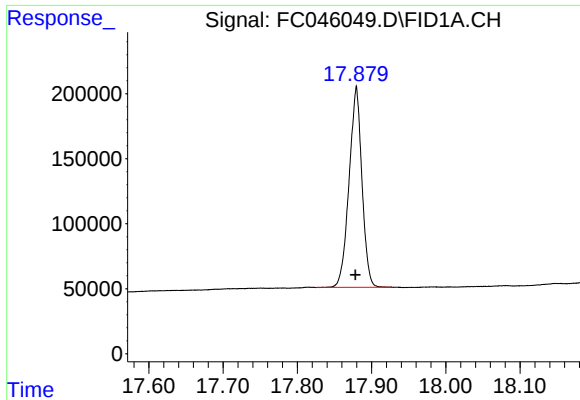
#15 n-Hexacosane (C26)

R.T.: 16.050 min  
Delta R.T.: 0.001 min  
Response: 2007950  
Conc: 18.89 ug/ml



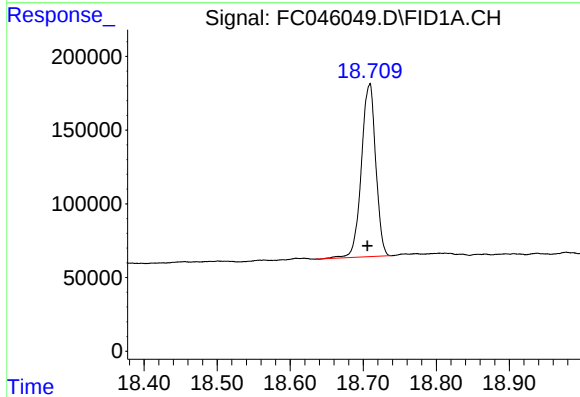
#16 n-Octacosane (C28)

R.T.: 16.996 min  
Delta R.T.: 0.000 min  
Response: 1934370  
Conc: 18.48 ug/ml



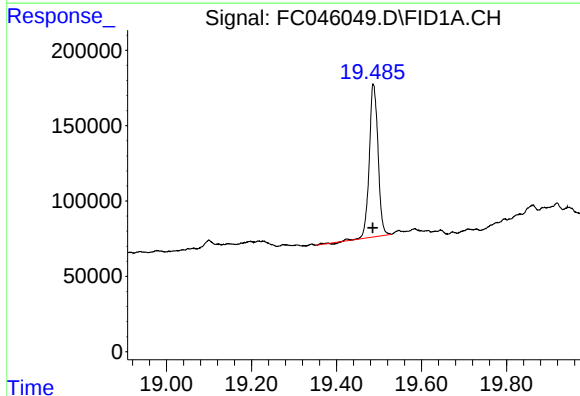
#17 n-Tricontane (C30)

R.T.: 17.880 min  
Delta R.T.: 0.001 min  
Response: 1852981  
Conc: 18.39 ug/ml



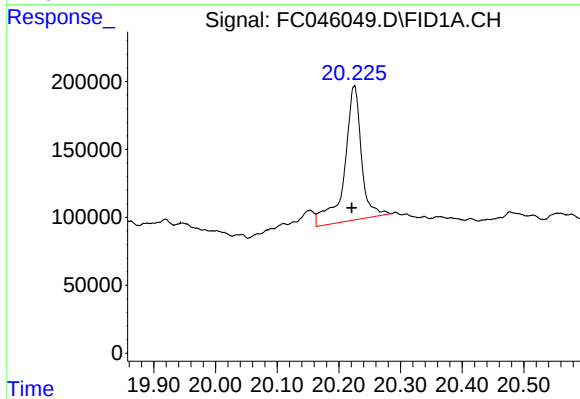
#18 n-Dotriacontane (C32)

R.T.: 18.709 min  
Delta R.T.: 0.003 min  
Response: 1596734  
Conc: 18.66 ug/ml



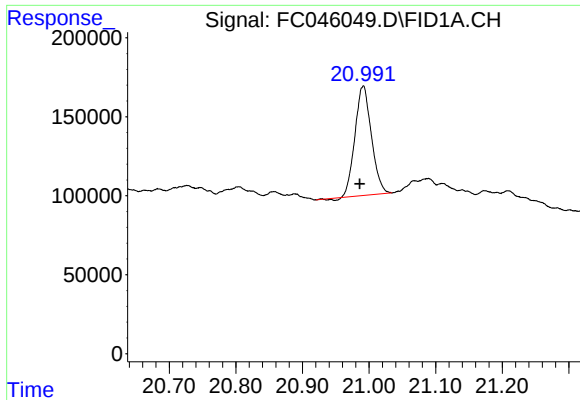
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min  
Delta R.T.: 0.001 min  
Response: 1448575  
Conc: 19.96 ug/ml



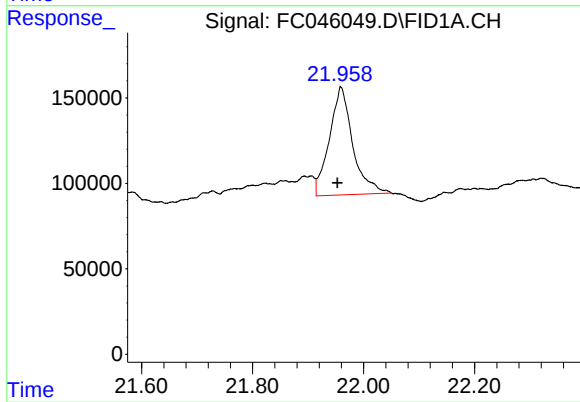
#20 n-Hexatriacontane (C36)

R.T.: 20.225 min  
Delta R.T.: 0.004 min  
Response: 1881762  
Conc: 27.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min  
Delta R.T.: 0.005 min  
Response: 1182701  
Conc: 19.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.959 min  
Delta R.T.: 0.006 min  
Response: 1848164  
Conc: 29.40 ug/ml