

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031219AL\  
 Data File : FD028260.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Mar 2019 12:21  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 13 12:50:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 030519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 06 03:32:11 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)    | 11.197 | 2637855    | 18.954 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.91%       |
| 12) S 1-chlorooctadecane (S... | 12.641 | 1963205    | 18.278 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.56%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.043  | 1843068    | 20.166 ug/ml |
| 2) T n-Decane (C10)            | 4.099  | 1893489    | 20.306 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.650  | 2202482    | 20.891 ug/ml |
| 4) T n-Dodecane (C12)          | 6.103  | 1932474    | 20.472 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.699  | 2234660    | 20.857 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.885  | 1999376    | 20.471 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.474  | 2031487    | 20.043 ug/ml |
| 8) T n-Octadecane (C18)        | 10.905 | 2030937    | 19.189 ug/ml |
| 10) T n-Eicosane (C20)         | 12.205 | 2014767    | 18.696 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.812 | 1975564    | 18.582 ug/ml |
| 13) T n-Docosane (C22)         | 13.394 | 1963017    | 18.389 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.488 | 1943340    | 18.465 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.502 | 1917796    | 18.781 ug/ml |
| 16) T n-Octacosane (C28)       | 16.444 | 1929480    | 19.458 ug/ml |
| 17) T n-Tricontane (C30)       | 17.324 | 1897810    | 20.097 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.150 | 1805819    | 20.937 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.927 | 1579782    | 21.218 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.661 | 1369808    | 21.259 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.353 | 1311126    | 21.767 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.115 | 1294586    | 21.870 ug/ml |
| -----                          |        |            |              |

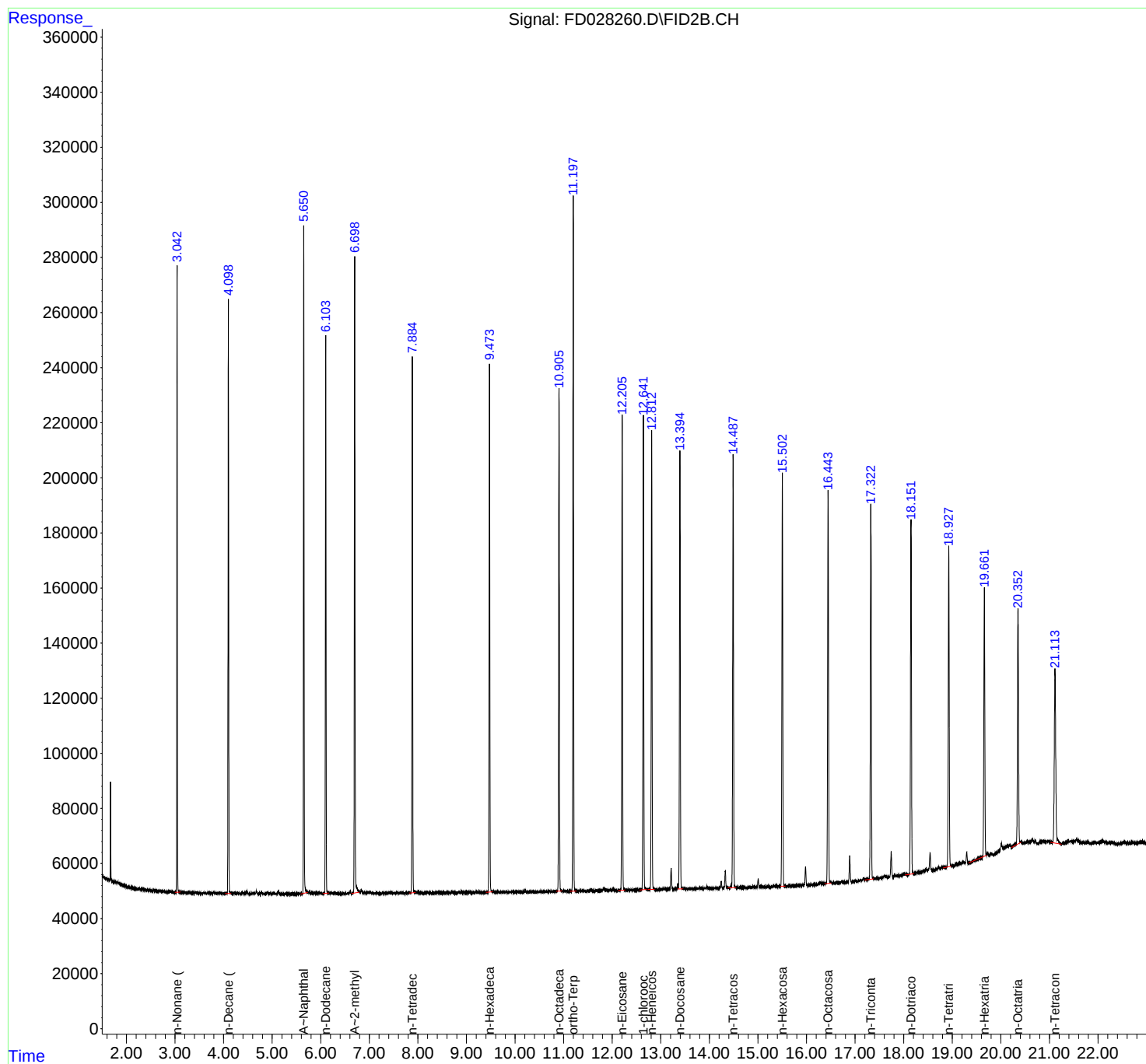
(f)=RT Delta > 1/2 Window

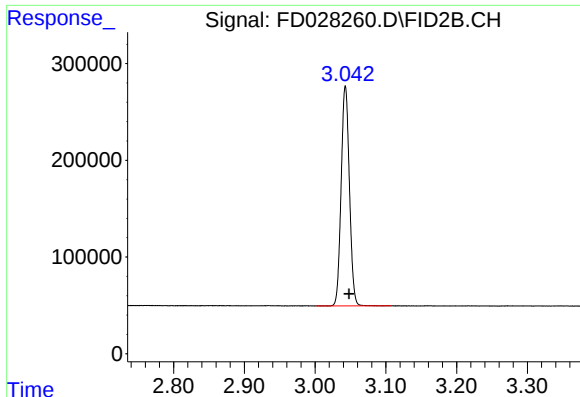
(m)=manual int.

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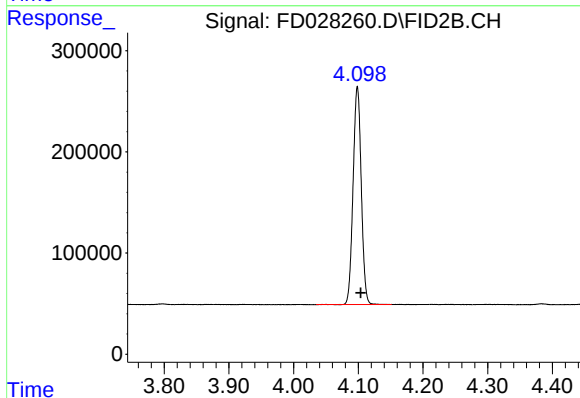
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





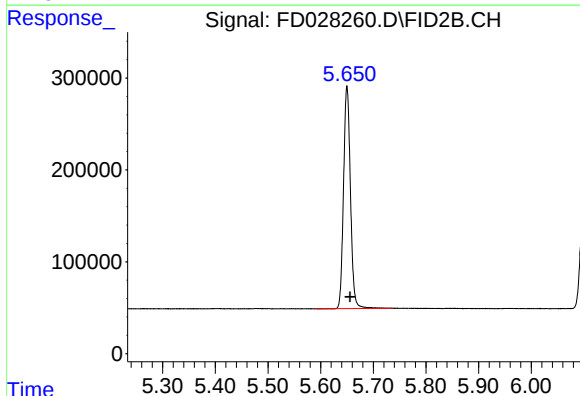
#1 n-Nonane (C9)

R.T.: 3.043 min  
Delta R.T.: -0.005 min  
Response: 1843068  
Conc: 20.17 ug/ml



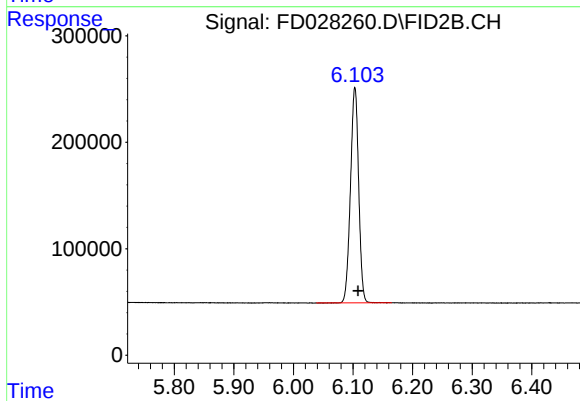
#2 n-Decane (C10)

R.T.: 4.099 min  
Delta R.T.: -0.005 min  
Response: 1893489  
Conc: 20.31 ug/ml



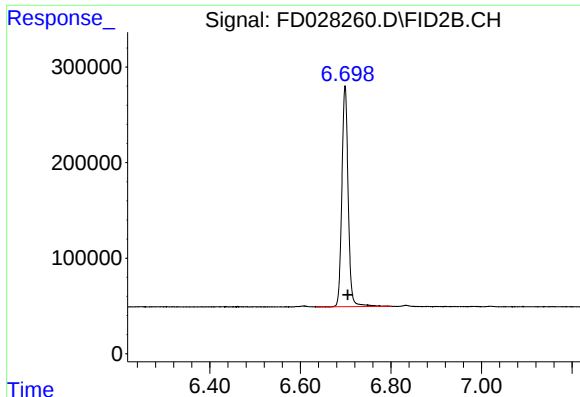
#3 A~Naphthalene (C11.7)

R.T.: 5.650 min  
Delta R.T.: -0.006 min  
Response: 2202482  
Conc: 20.89 ug/ml



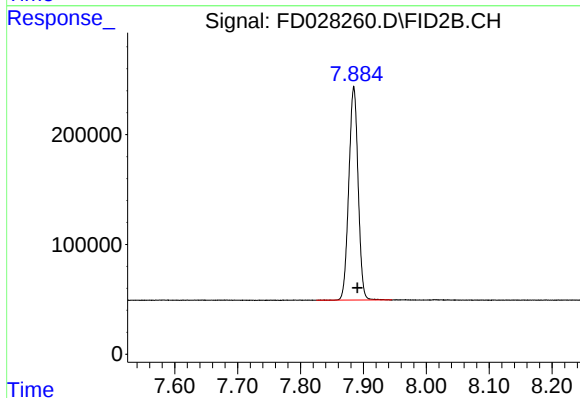
#4 n-Dodecane (C12)

R.T.: 6.103 min  
Delta R.T.: -0.006 min  
Response: 1932474  
Conc: 20.47 ug/ml



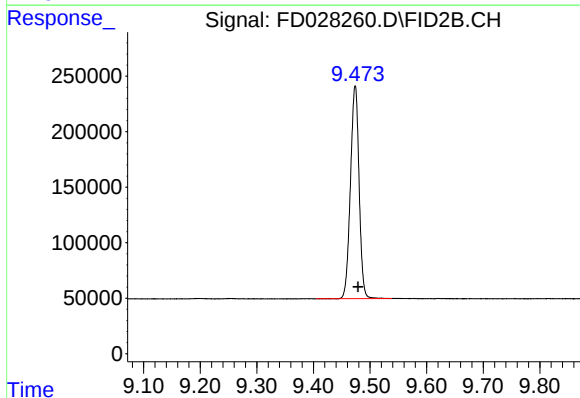
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.699 min  
Delta R.T.: -0.006 min  
Response: 2234660  
Conc: 20.86 ug/ml



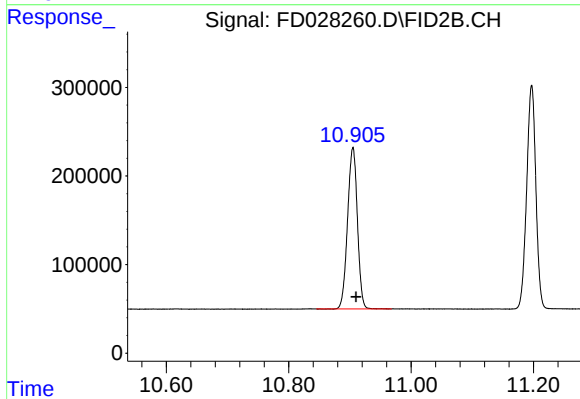
#6 n-Tetradecane (C14)

R.T.: 7.885 min  
Delta R.T.: -0.005 min  
Response: 1999376  
Conc: 20.47 ug/ml



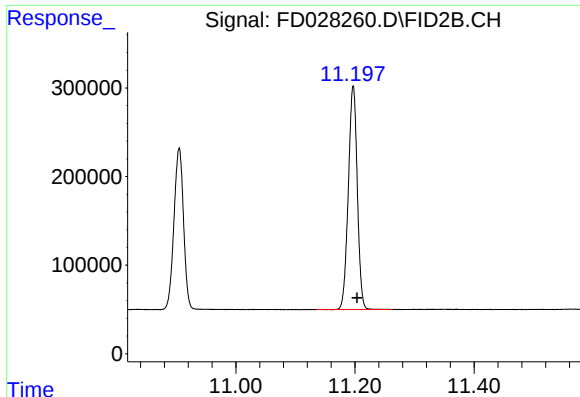
#7 n-Hexadecane (C16)

R.T.: 9.474 min  
Delta R.T.: -0.005 min  
Response: 2031487  
Conc: 20.04 ug/ml



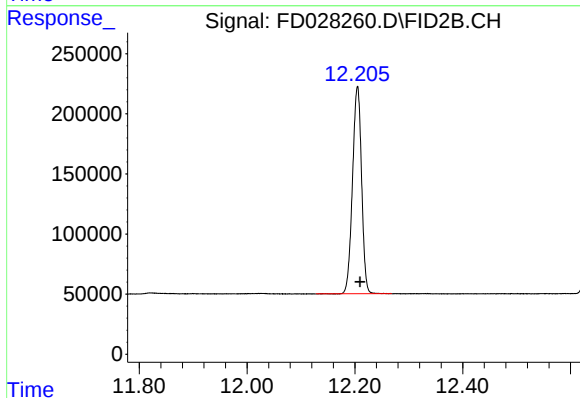
#8 n-Octadecane (C18)

R.T.: 10.905 min  
Delta R.T.: -0.005 min  
Response: 2030937  
Conc: 19.19 ug/ml



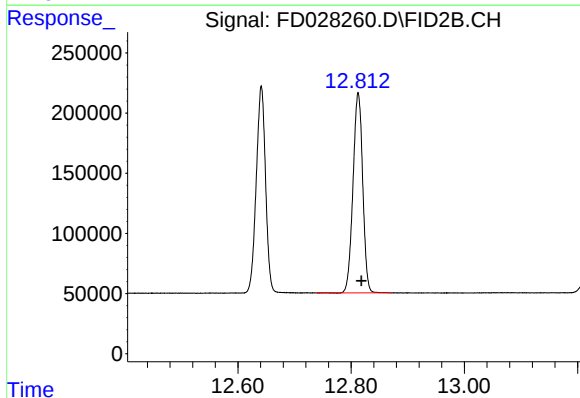
#9 ortho-Terphenyl (SURR)

R.T.: 11.197 min  
Delta R.T.: -0.006 min  
Response: 2637855  
Conc: 18.95 ug/ml



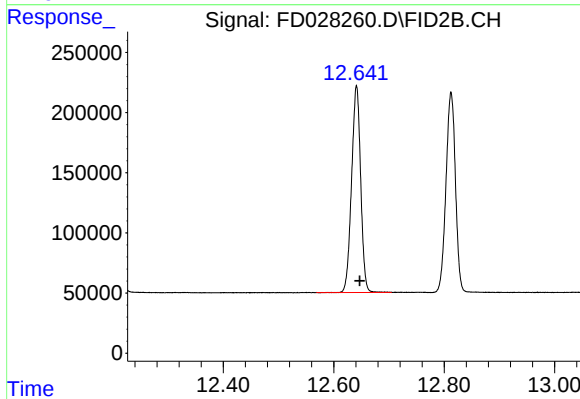
#10 n-Eicosane (C20)

R.T.: 12.205 min  
Delta R.T.: -0.005 min  
Response: 2014767  
Conc: 18.70 ug/ml



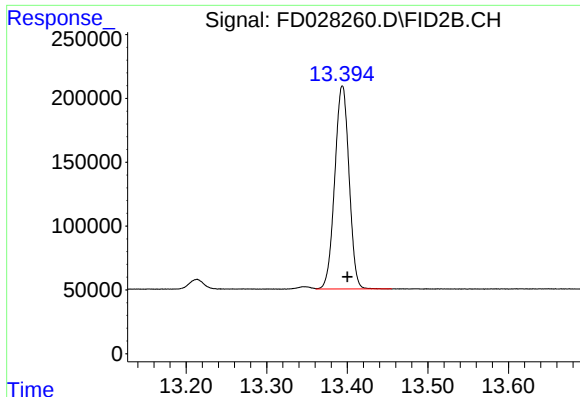
#11 n-Heneicosane (C21)

R.T.: 12.812 min  
Delta R.T.: -0.005 min  
Response: 1975564  
Conc: 18.58 ug/ml



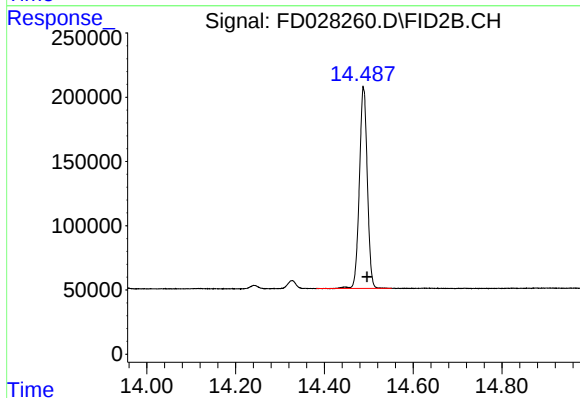
#12 1-chlorooctadecane (SURR)

R.T.: 12.641 min  
Delta R.T.: -0.006 min  
Response: 1963205  
Conc: 18.28 ug/ml



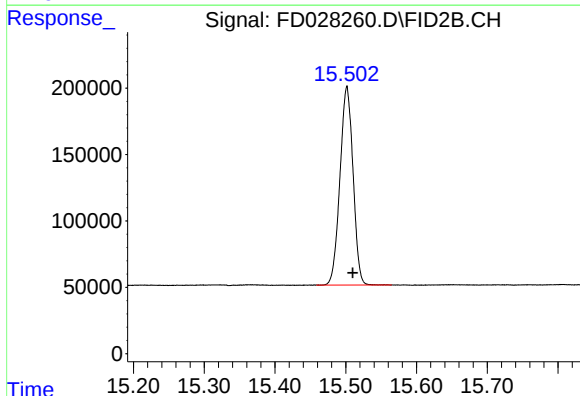
#13 n-Docosane (C22)

R.T.: 13.394 min  
Delta R.T.: -0.006 min  
Response: 1963017  
Conc: 18.39 ug/ml



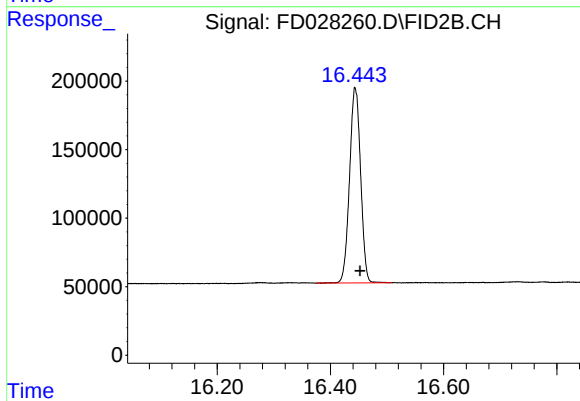
#14 n-Tetracosane (C24)

R.T.: 14.488 min  
Delta R.T.: -0.008 min  
Response: 1943340  
Conc: 18.47 ug/ml



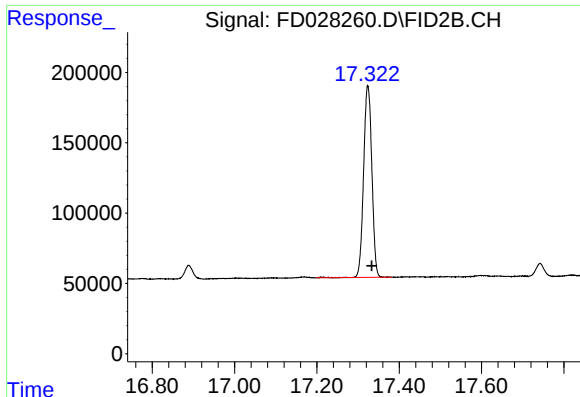
#15 n-Hexacosane (C26)

R.T.: 15.502 min  
Delta R.T.: -0.008 min  
Response: 1917796  
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.444 min  
Delta R.T.: -0.008 min  
Response: 1929480  
Conc: 19.46 ug/ml



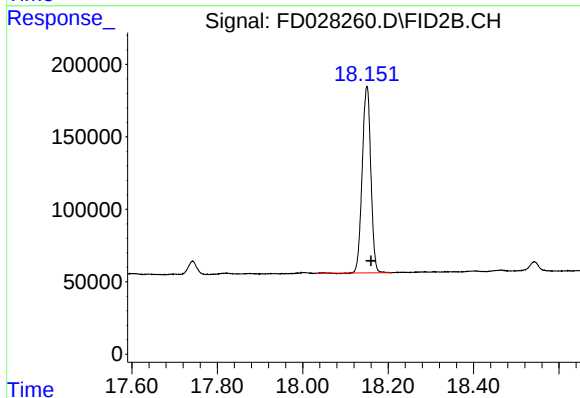
#17 n-Tricontane (C30)

R.T.: 17.324 min

Delta R.T.: -0.010 min

Response: 1897810

Conc: 20.10 ug/ml



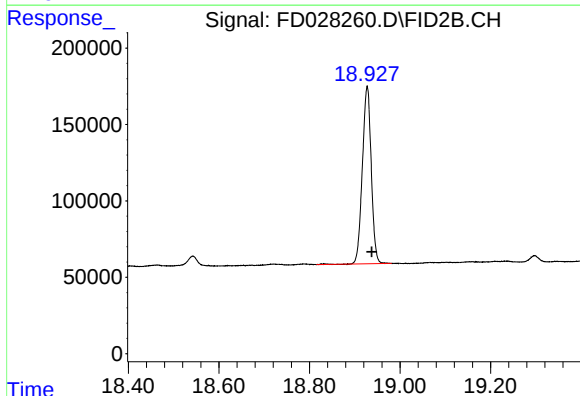
#18 n-Dotriacontane (C32)

R.T.: 18.150 min

Delta R.T.: -0.010 min

Response: 1805819

Conc: 20.94 ug/ml



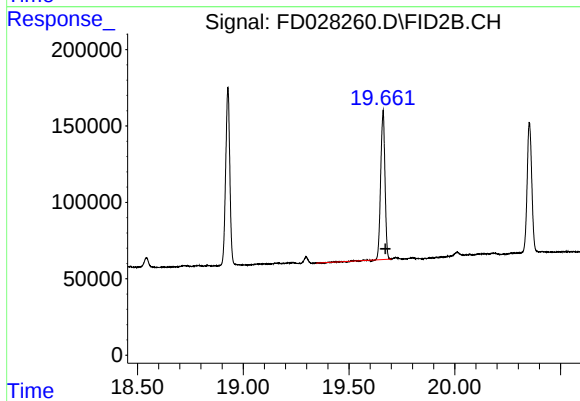
#19 n-Tetratriacontane (C34)

R.T.: 18.927 min

Delta R.T.: -0.010 min

Response: 1579782

Conc: 21.22 ug/ml



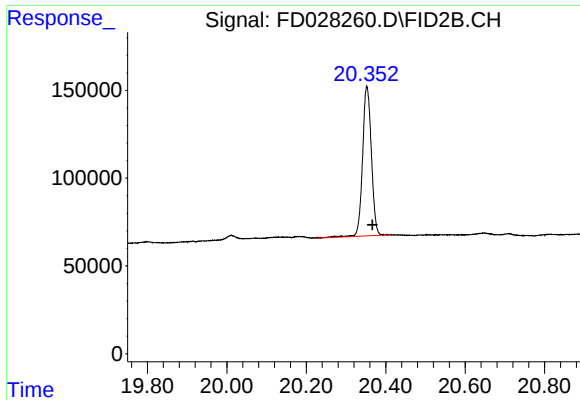
#20 n-Hexatriacontane (C36)

R.T.: 19.661 min

Delta R.T.: -0.011 min

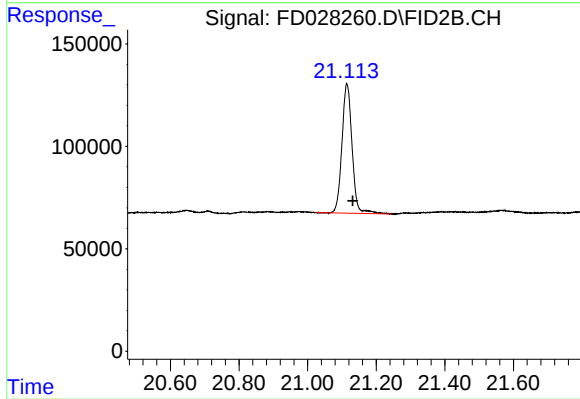
Response: 1369808

Conc: 21.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.353 min  
Delta R.T.: -0.014 min  
Response: 1311126  
Conc: 21.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.115 min  
Delta R.T.: -0.016 min  
Response: 1294586  
Conc: 21.87 ug/ml