

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042621AL\  
 Data File : FD037165.D  
 Signal(s) : FID2B.CH  
 Acq On : 26 Apr 2021 23:15  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 27 02:02:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 03:31:40 2021  
 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)    | 11.477 | 2230169    | 19.099 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.20%       |
| 12) S 1-chlorooctadecane (S... | 12.911 | 1665125    | 19.682 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.36%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.275  | 2340560    | 19.864 ug/ml |
| 2) T n-Decane (C10)            | 4.337  | 2366148    | 19.952 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.912  | 2583488    | 19.686 ug/ml |
| 4) T n-Dodecane (C12)          | 6.348  | 2360184    | 19.875 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.965  | 2569395    | 19.595 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.136  | 2281872    | 19.713 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.730  | 2143440    | 19.496 ug/ml |
| 8) T n-Octadecane (C18)        | 11.166 | 2116735    | 19.305 ug/ml |
| 10) T n-Eicosane (C20)         | 12.469 | 2038016    | 19.213 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.078 | 1997516    | 19.013 ug/ml |
| 13) T n-Docosane (C22)         | 13.661 | 1969890    | 19.162 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.759 | 1945886    | 19.210 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.775 | 1927771    | 19.738 ug/ml |
| 16) T n-Octacosane (C28)       | 16.719 | 1924458    | 20.021 ug/ml |
| 17) T n-Tricontane (C30)       | 17.601 | 1949533    | 20.272 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.429 | 1950222    | 19.829 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.208 | 1921484    | 20.244 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.944 | 1866281    | 19.817 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.654 | 1824854    | 21.196 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.502 | 1832339    | 19.097 ug/ml |
| -----                          |        |            |              |

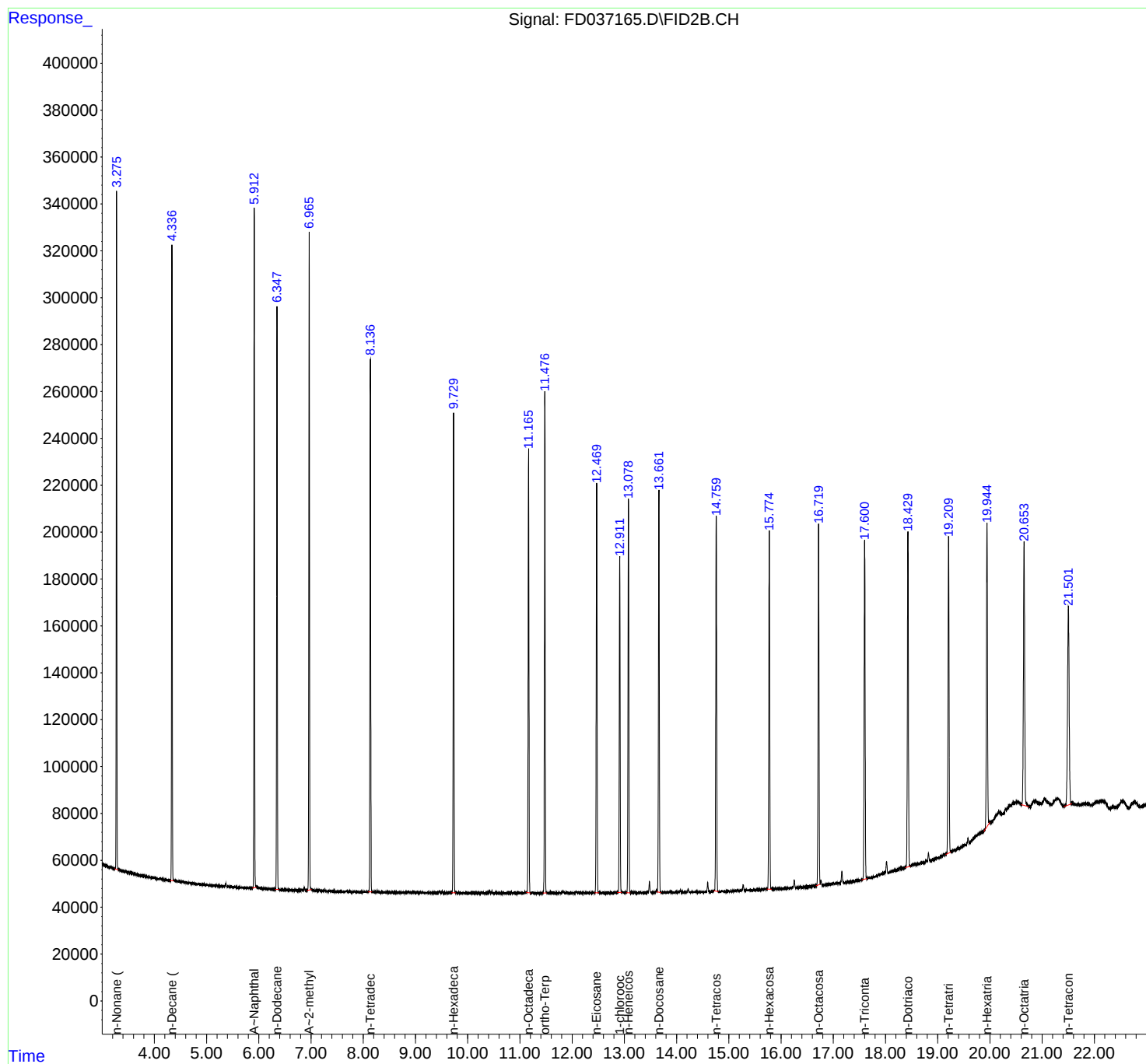
(f)=RT Delta > 1/2 Window

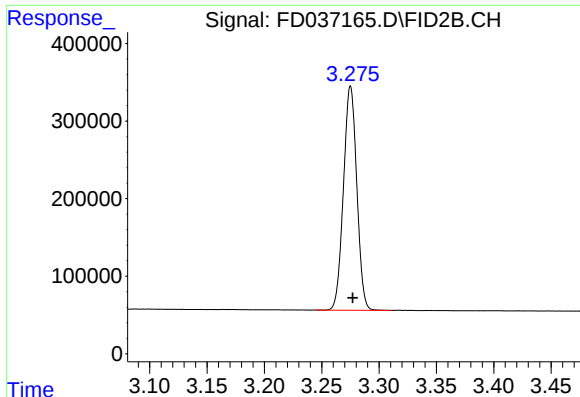
(m)=manual int.

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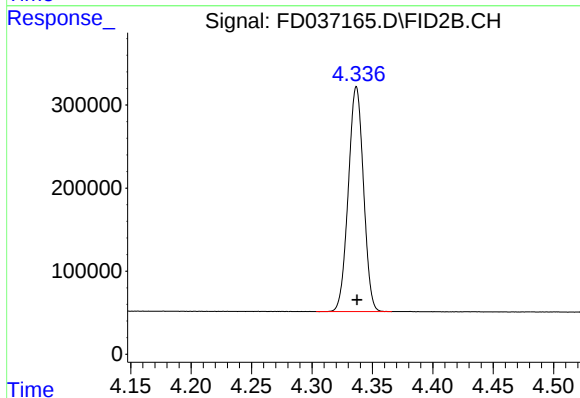
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





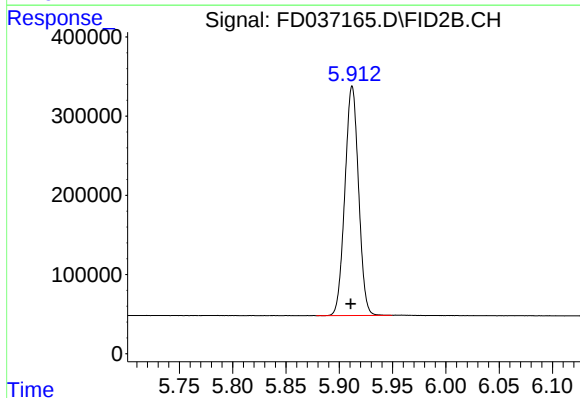
#1 n-Nonane (C9)

R.T.: 3.275 min  
Delta R.T.: -0.002 min  
Response: 2340560  
Conc: 19.86 ug/ml



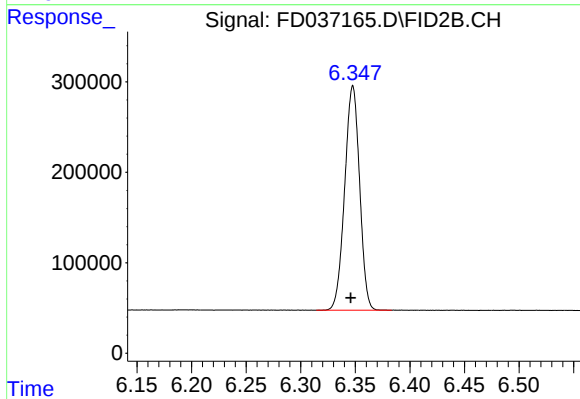
#2 n-Decane (C10)

R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 2366148  
Conc: 19.95 ug/ml



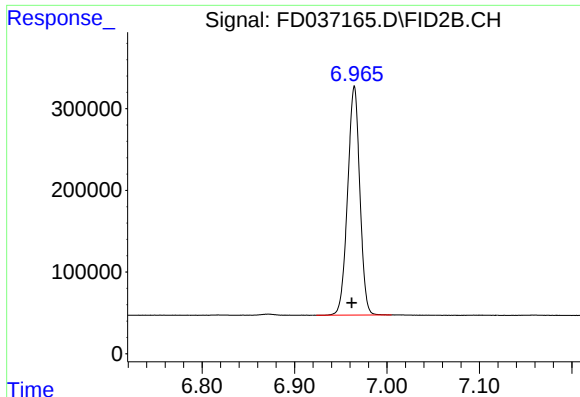
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min  
Delta R.T.: 0.001 min  
Response: 2583488  
Conc: 19.69 ug/ml



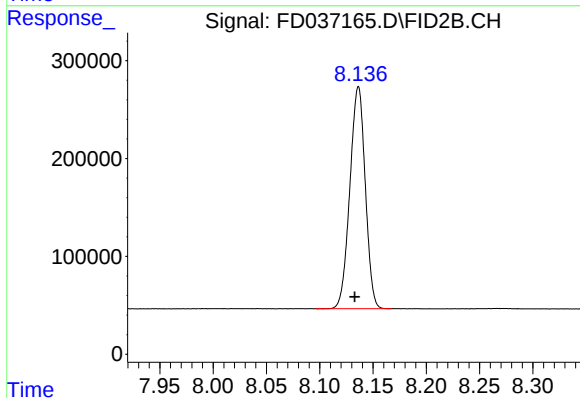
#4 n-Dodecane (C12)

R.T.: 6.348 min  
Delta R.T.: 0.002 min  
Response: 2360184  
Conc: 19.88 ug/ml



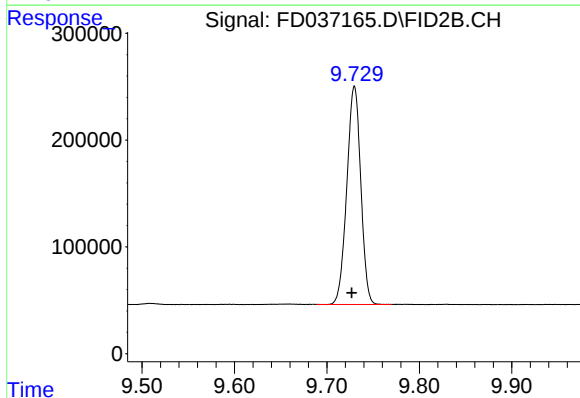
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.965 min  
Delta R.T.: 0.003 min  
Response: 2569395  
Conc: 19.59 ug/ml



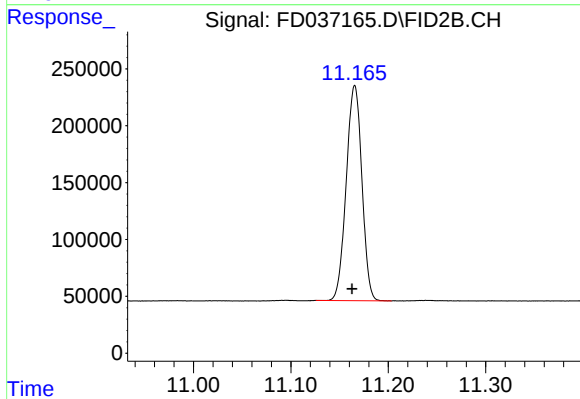
#6 n-Tetradecane (C14)

R.T.: 8.136 min  
Delta R.T.: 0.004 min  
Response: 2281872  
Conc: 19.71 ug/ml



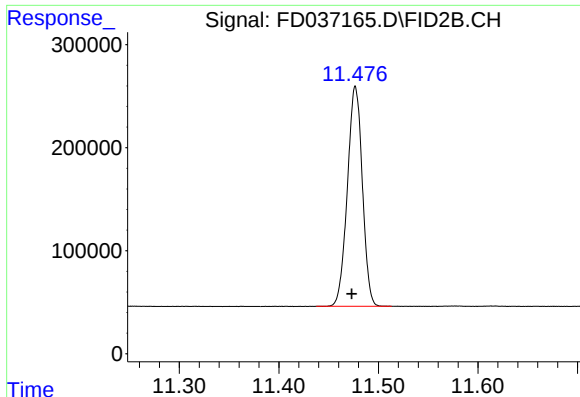
#7 n-Hexadecane (C16)

R.T.: 9.730 min  
Delta R.T.: 0.003 min  
Response: 2143440  
Conc: 19.50 ug/ml



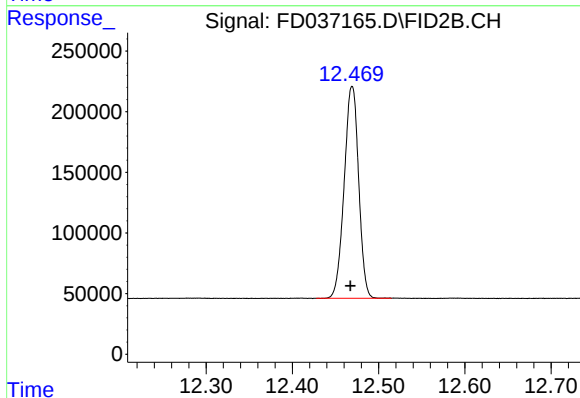
#8 n-Octadecane (C18)

R.T.: 11.166 min  
Delta R.T.: 0.003 min  
Response: 2116735  
Conc: 19.31 ug/ml



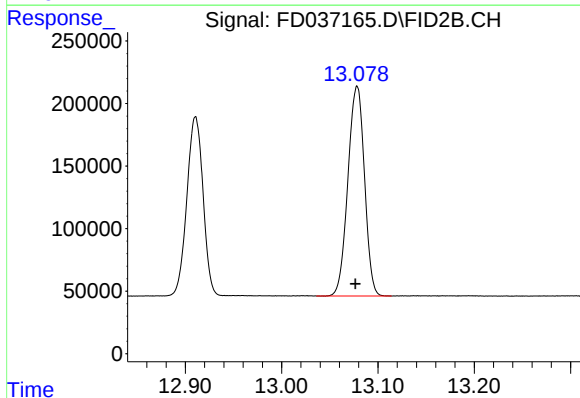
#9 ortho-Terphenyl (SURR)

R.T.: 11.477 min  
Delta R.T.: 0.004 min  
Response: 2230169  
Conc: 19.10 ug/ml



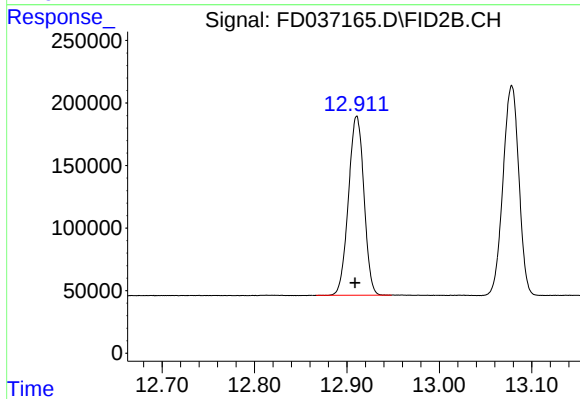
#10 n-Eicosane (C20)

R.T.: 12.469 min  
Delta R.T.: 0.002 min  
Response: 2038016  
Conc: 19.21 ug/ml



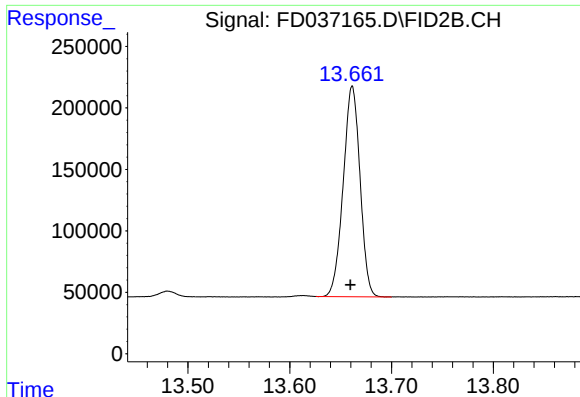
#11 n-Heneicosane (C21)

R.T.: 13.078 min  
Delta R.T.: 0.002 min  
Response: 1997516  
Conc: 19.01 ug/ml



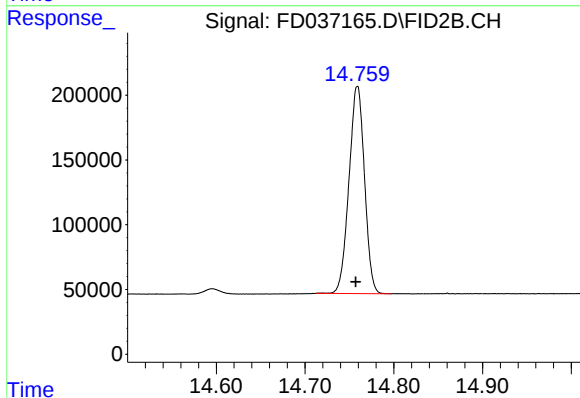
#12 1-chlorooctadecane (SURR)

R.T.: 12.911 min  
Delta R.T.: 0.002 min  
Response: 1665125  
Conc: 19.68 ug/ml



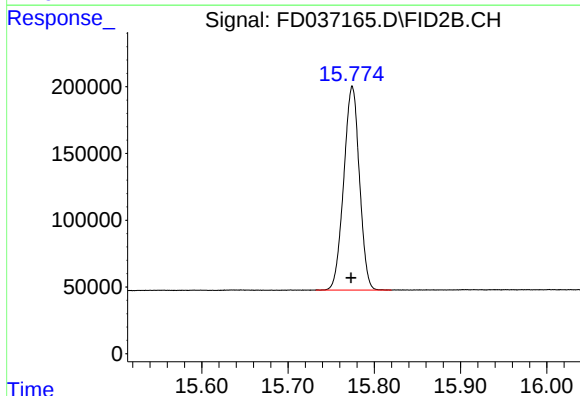
#13 n-Docosane (C22)

R.T.: 13.661 min  
Delta R.T.: 0.002 min  
Response: 1969890  
Conc: 19.16 ug/ml



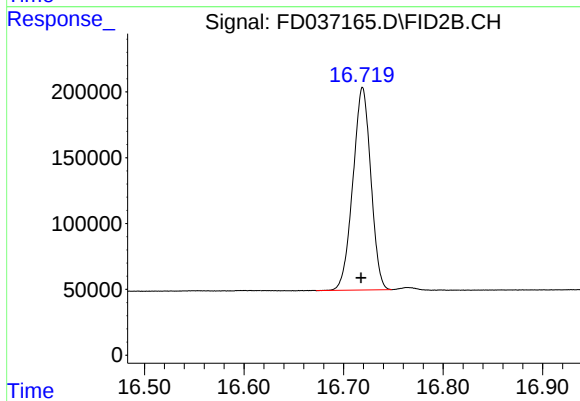
#14 n-Tetracosane (C24)

R.T.: 14.759 min  
Delta R.T.: 0.002 min  
Response: 1945886  
Conc: 19.21 ug/ml



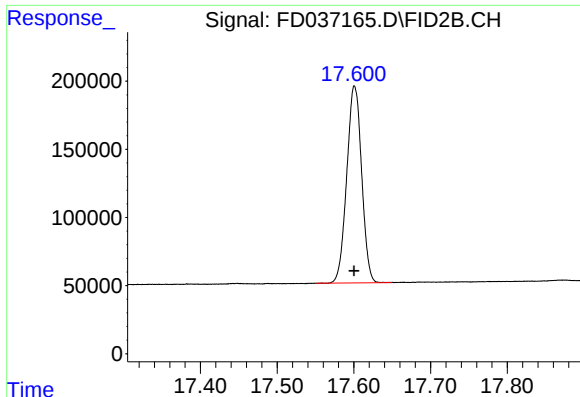
#15 n-Hexacosane (C26)

R.T.: 15.775 min  
Delta R.T.: 0.001 min  
Response: 1927771  
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.719 min  
Delta R.T.: 0.002 min  
Response: 1924458  
Conc: 20.02 ug/ml



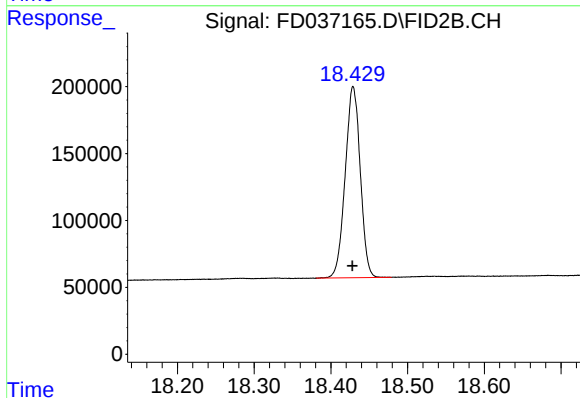
#17 n-Tricontane (C30)

R.T.: 17.601 min

Delta R.T.: 0.000 min

Response: 1949533

Conc: 20.27 ug/ml



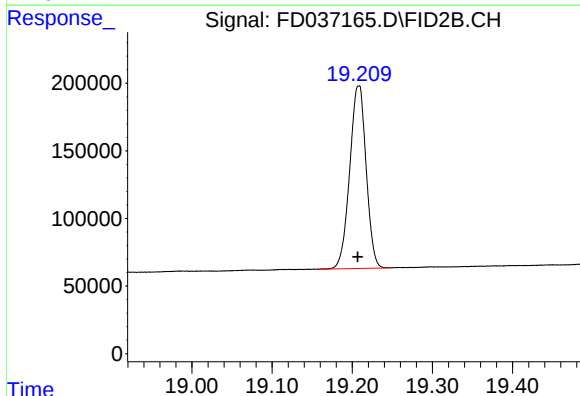
#18 n-Dotriacontane (C32)

R.T.: 18.429 min

Delta R.T.: 0.000 min

Response: 1950222

Conc: 19.83 ug/ml



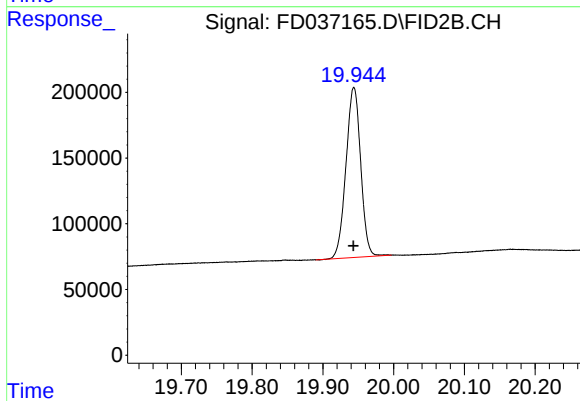
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min

Delta R.T.: 0.001 min

Response: 1921484

Conc: 20.24 ug/ml



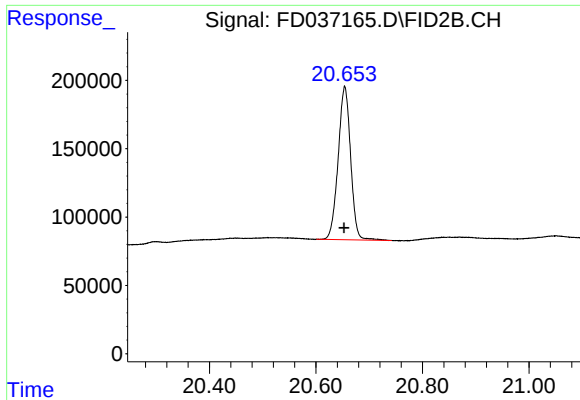
#20 n-Hexatriacontane (C36)

R.T.: 19.944 min

Delta R.T.: 0.000 min

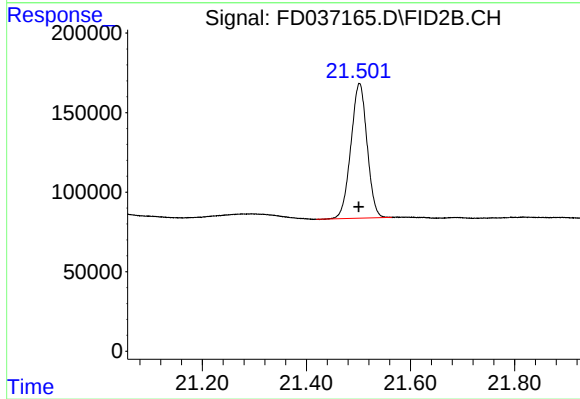
Response: 1866281

Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min  
Delta R.T.: 0.002 min  
Response: 1824854  
Conc: 21.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.502 min  
Delta R.T.: 0.001 min  
Response: 1832339  
Conc: 19.10 ug/ml