

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042720AL\  
 Data File : FD033261.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Apr 2020 13:12  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Apr 27 15:26:49 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 040720.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 07 14:10:50 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)    | 11.491 | 2694202    | 17.931 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.86%       |
| 12) S 1-chlorooctadecane (S... | 12.921 | 2100655    | 17.898 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.80%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.301  | 2654144    | 19.850 ug/ml |
| 2) T n-Decane (C10)            | 4.361  | 2693846    | 20.107 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.936  | 2896295    | 19.651 ug/ml |
| 4) T n-Dodecane (C12)          | 6.366  | 2731721    | 20.148 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.986  | 2898912    | 19.513 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.151  | 2733412    | 19.993 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.743  | 2705398    | 19.693 ug/ml |
| 8) T n-Octadecane (C18)        | 11.177 | 2644931    | 19.099 ug/ml |
| 10) T n-Eicosane (C20)         | 12.479 | 2561513    | 18.441 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.087 | 2530125    | 18.062 ug/ml |
| 13) T n-Docosane (C22)         | 13.671 | 2481671    | 17.874 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.769 | 2436160    | 17.754 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.785 | 2397426    | 18.029 ug/ml |
| 16) T n-Octacosane (C28)       | 16.730 | 2359172    | 18.690 ug/ml |
| 17) T n-Tricontane (C30)       | 17.613 | 2260075    | 19.855 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.441 | 1779753    | 21.187 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.221 | 1303785    | 21.497 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.956 | 1118351    | 22.290 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.668 | 1039755    | 21.597 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.521 | 1069540    | 21.196 ug/ml |
| -----                          |        |            |              |

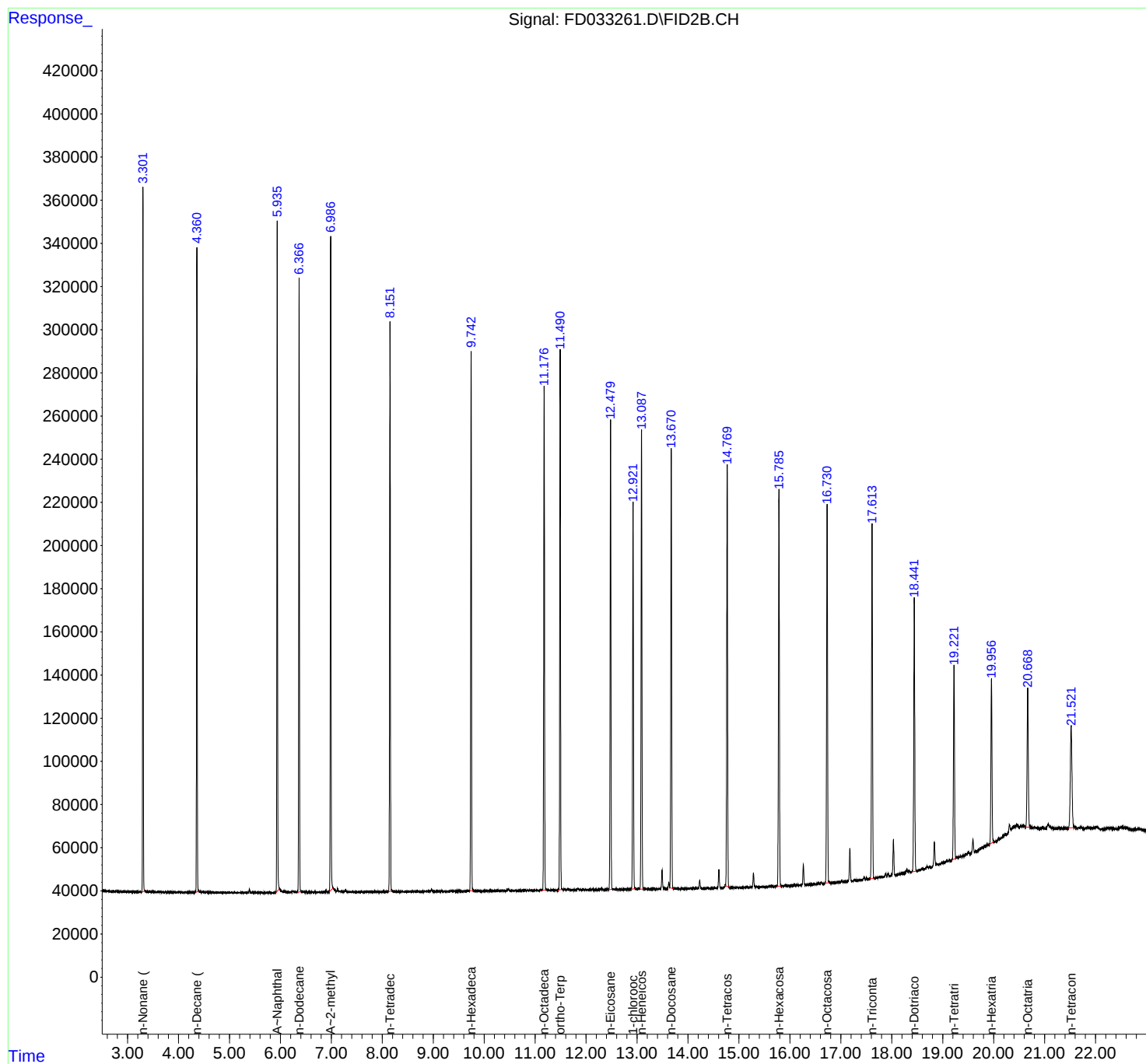
(f)=RT Delta > 1/2 Window

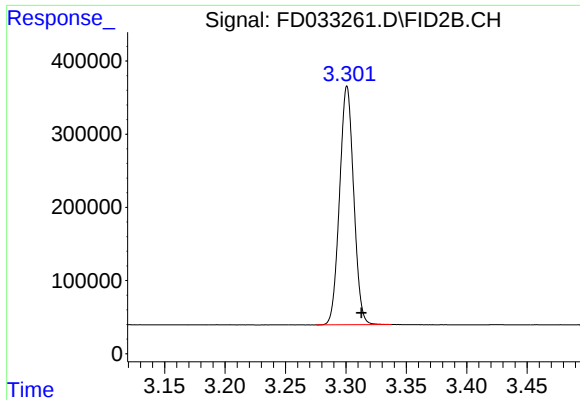
(m)=manual int.

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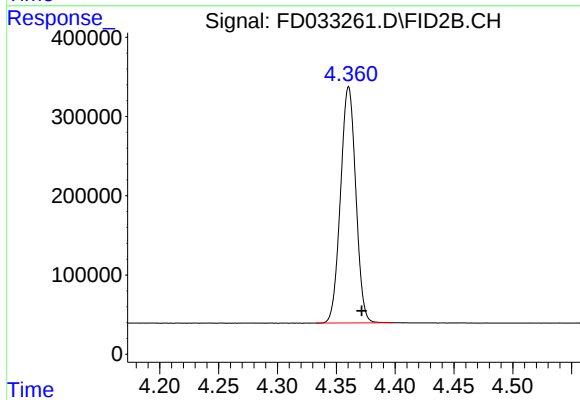
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





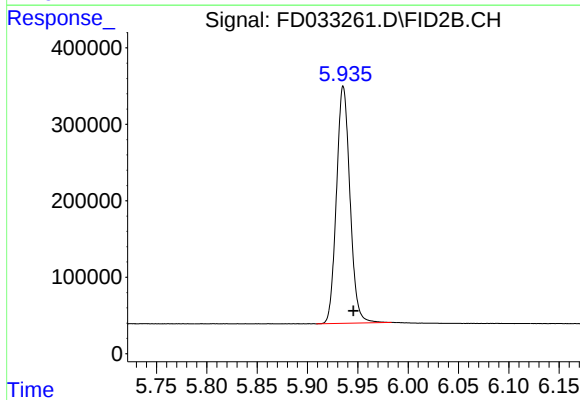
#1 n-Nonane (C9)

R.T.: 3.301 min  
Delta R.T.: -0.012 min  
Response: 2654144  
Conc: 19.85 ug/ml



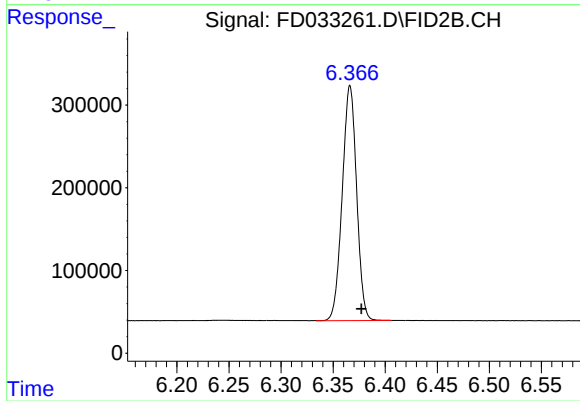
#2 n-Decane (C10)

R.T.: 4.361 min  
Delta R.T.: -0.011 min  
Response: 2693846  
Conc: 20.11 ug/ml



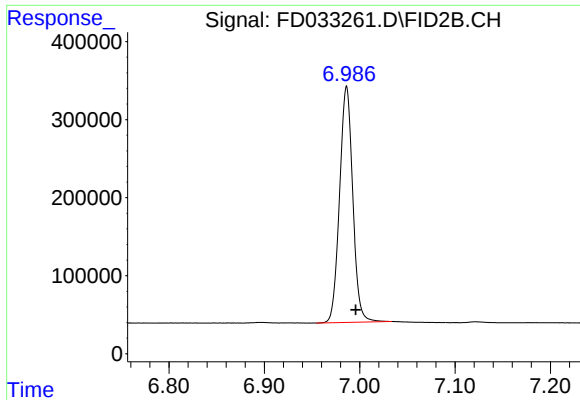
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min  
Delta R.T.: -0.010 min  
Response: 2896295  
Conc: 19.65 ug/ml



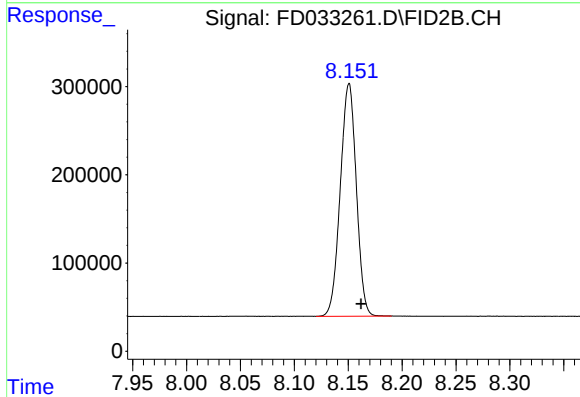
#4 n-Dodecane (C12)

R.T.: 6.366 min  
Delta R.T.: -0.011 min  
Response: 2731721  
Conc: 20.15 ug/ml



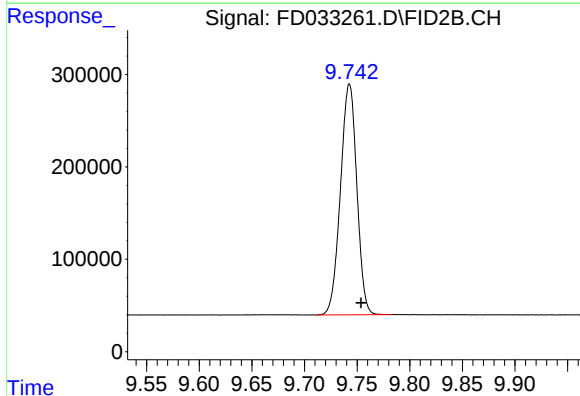
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min  
Delta R.T.: -0.009 min  
Response: 2898912  
Conc: 19.51 ug/ml



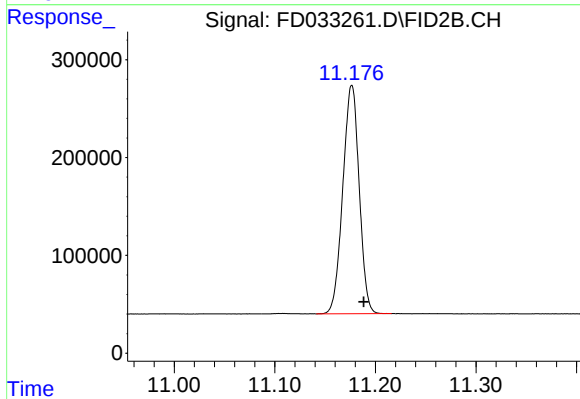
#6 n-Tetradecane (C14)

R.T.: 8.151 min  
Delta R.T.: -0.011 min  
Response: 2733412  
Conc: 19.99 ug/ml



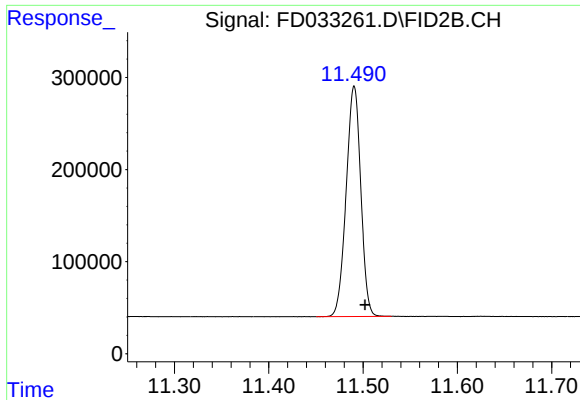
#7 n-Hexadecane (C16)

R.T.: 9.743 min  
Delta R.T.: -0.011 min  
Response: 2705398  
Conc: 19.69 ug/ml



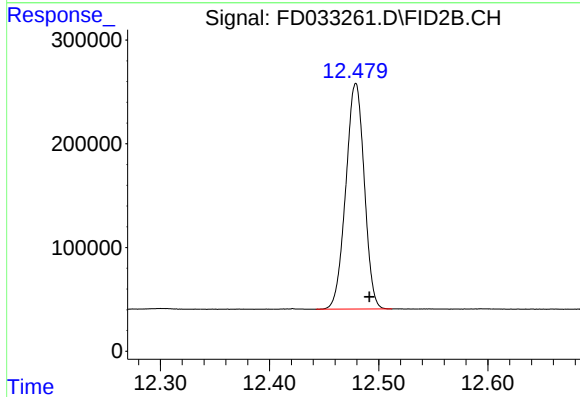
#8 n-Octadecane (C18)

R.T.: 11.177 min  
Delta R.T.: -0.012 min  
Response: 2644931  
Conc: 19.10 ug/ml



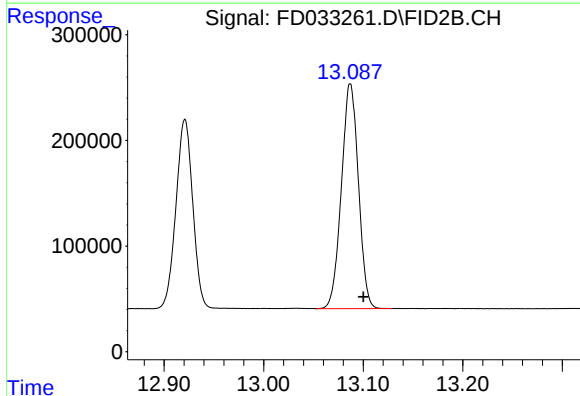
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min  
Delta R.T.: -0.012 min  
Response: 2694202  
Conc: 17.93 ug/ml



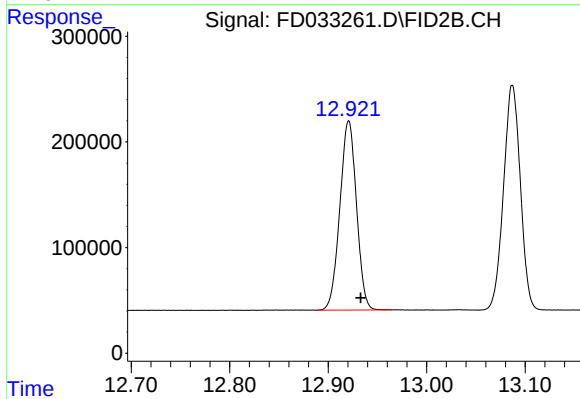
#10 n-Eicosane (C20)

R.T.: 12.479 min  
Delta R.T.: -0.012 min  
Response: 2561513  
Conc: 18.44 ug/ml



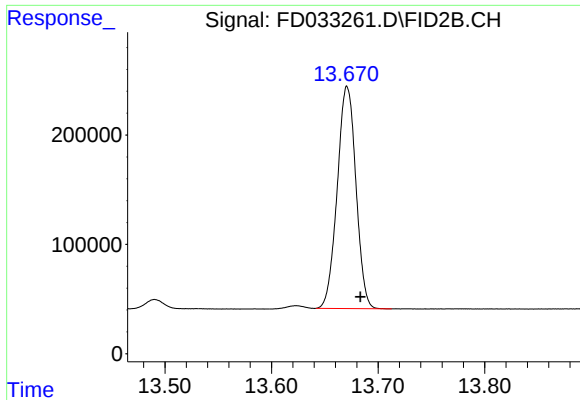
#11 n-Heneicosane (C21)

R.T.: 13.087 min  
Delta R.T.: -0.013 min  
Response: 2530125  
Conc: 18.06 ug/ml



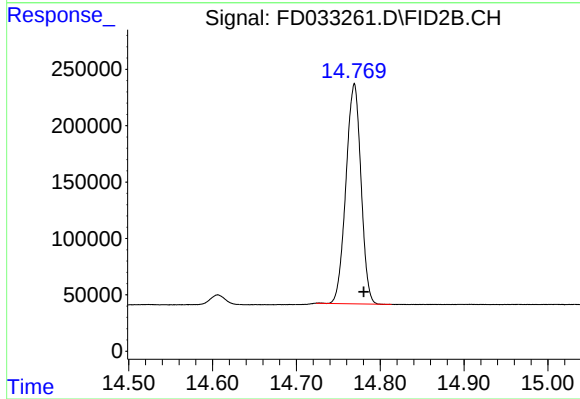
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min  
Delta R.T.: -0.012 min  
Response: 2100655  
Conc: 17.90 ug/ml



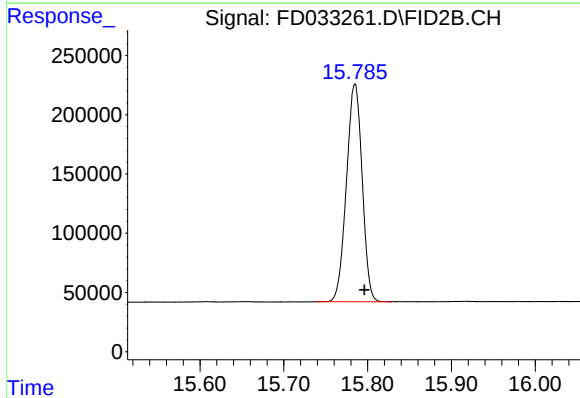
#13 n-Docosane (C22)

R.T.: 13.671 min  
Delta R.T.: -0.012 min  
Response: 2481671  
Conc: 17.87 ug/ml



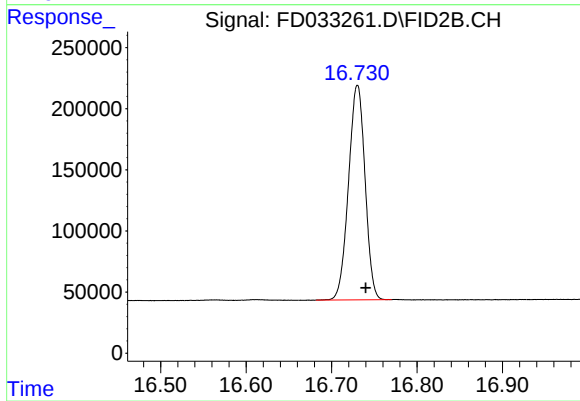
#14 n-Tetracosane (C24)

R.T.: 14.769 min  
Delta R.T.: -0.011 min  
Response: 2436160  
Conc: 17.75 ug/ml



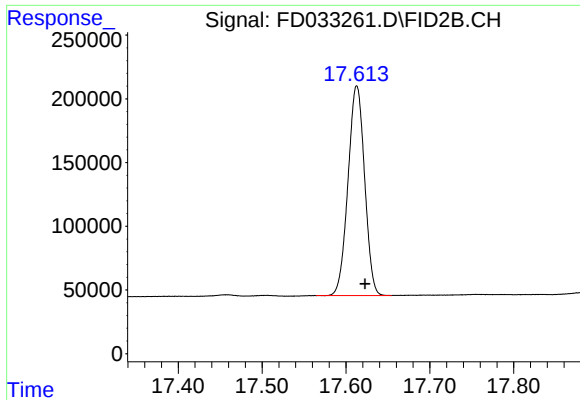
#15 n-Hexacosane (C26)

R.T.: 15.785 min  
Delta R.T.: -0.011 min  
Response: 2397426  
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.730 min  
Delta R.T.: -0.010 min  
Response: 2359172  
Conc: 18.69 ug/ml



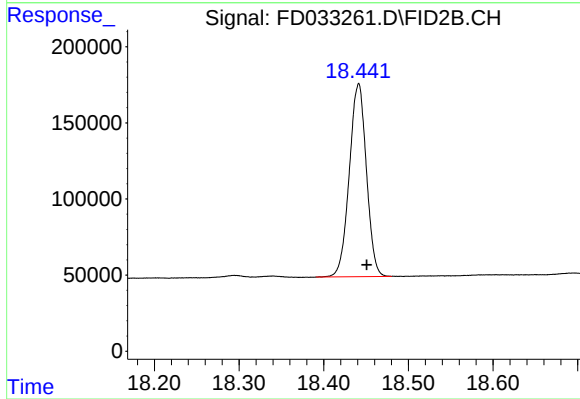
#17 n-Tricontane (C30)

R.T.: 17.613 min

Delta R.T.: -0.010 min

Response: 2260075

Conc: 19.86 ug/ml



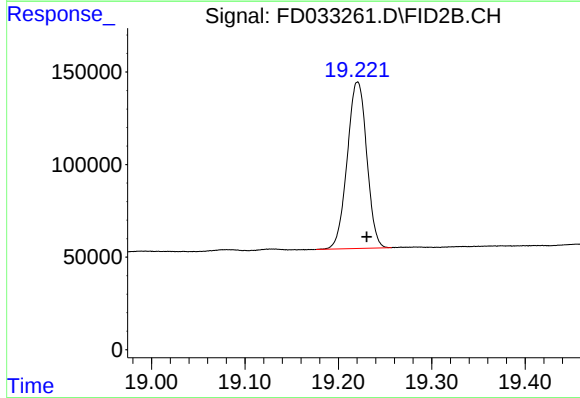
#18 n-Dotriacontane (C32)

R.T.: 18.441 min

Delta R.T.: -0.009 min

Response: 1779753

Conc: 21.19 ug/ml



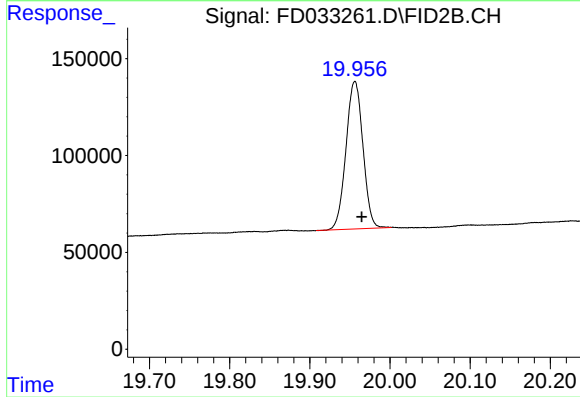
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min

Delta R.T.: -0.010 min

Response: 1303785

Conc: 21.50 ug/ml



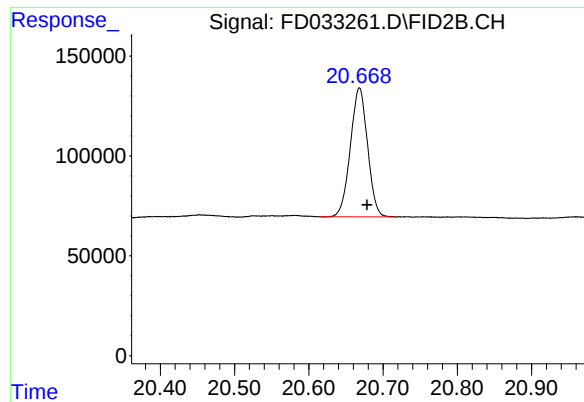
#20 n-Hexatriacontane (C36)

R.T.: 19.956 min

Delta R.T.: -0.009 min

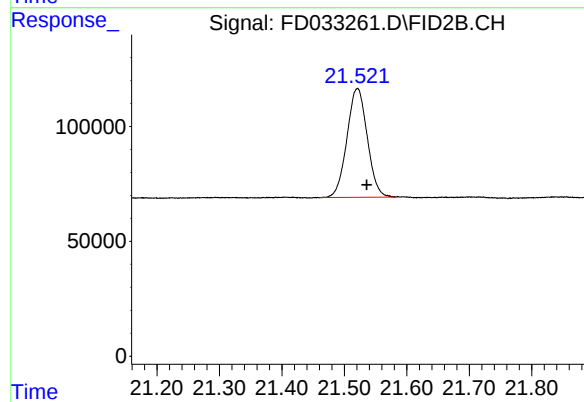
Response: 1118351

Conc: 22.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.668 min  
Delta R.T.: -0.010 min  
Response: 1039755  
Conc: 21.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.521 min  
Delta R.T.: -0.015 min  
Response: 1069540  
Conc: 21.20 ug/ml