

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042120AL\  
 Data File : FD033107.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Apr 2020 11:16  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 22 13:53:29 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)    | 11.490 | 2707814    | 18.022 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.04%       |
| 12) S 1-chlorooctadecane (S... | 12.922 | 2123435    | 18.092 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.18%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.299  | 2586424    | 19.344 ug/ml |
| 2) T n-Decane (C10)            | 4.359  | 2620019    | 19.556 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.934  | 2850937    | 19.343 ug/ml |
| 4) T n-Dodecane (C12)          | 6.365  | 2667670    | 19.675 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.985  | 2870778    | 19.324 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.150  | 2688568    | 19.665 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.742  | 2676631    | 19.484 ug/ml |
| 8) T n-Octadecane (C18)        | 11.177 | 2641529    | 19.075 ug/ml |
| 10) T n-Eicosane (C20)         | 12.480 | 2583190    | 18.597 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.089 | 2538719    | 18.124 ug/ml |
| 13) T n-Docosane (C22)         | 13.672 | 2567687    | 18.494 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.770 | 2632704    | 19.186 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.787 | 2611777    | 19.641 ug/ml |
| 16) T n-Octacosane (C28)       | 16.732 | 2619902    | 20.756 ug/ml |
| 17) T n-Tricontane (C30)       | 17.615 | 2538297    | 22.299 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.443 | 1971813    | 23.473 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.222 | 1397566    | 23.043 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.959 | 1154147    | 23.003 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.671 | 1046345    | 21.734 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.525 | 1047746    | 20.764 ug/ml |
| -----                          |        |            |              |

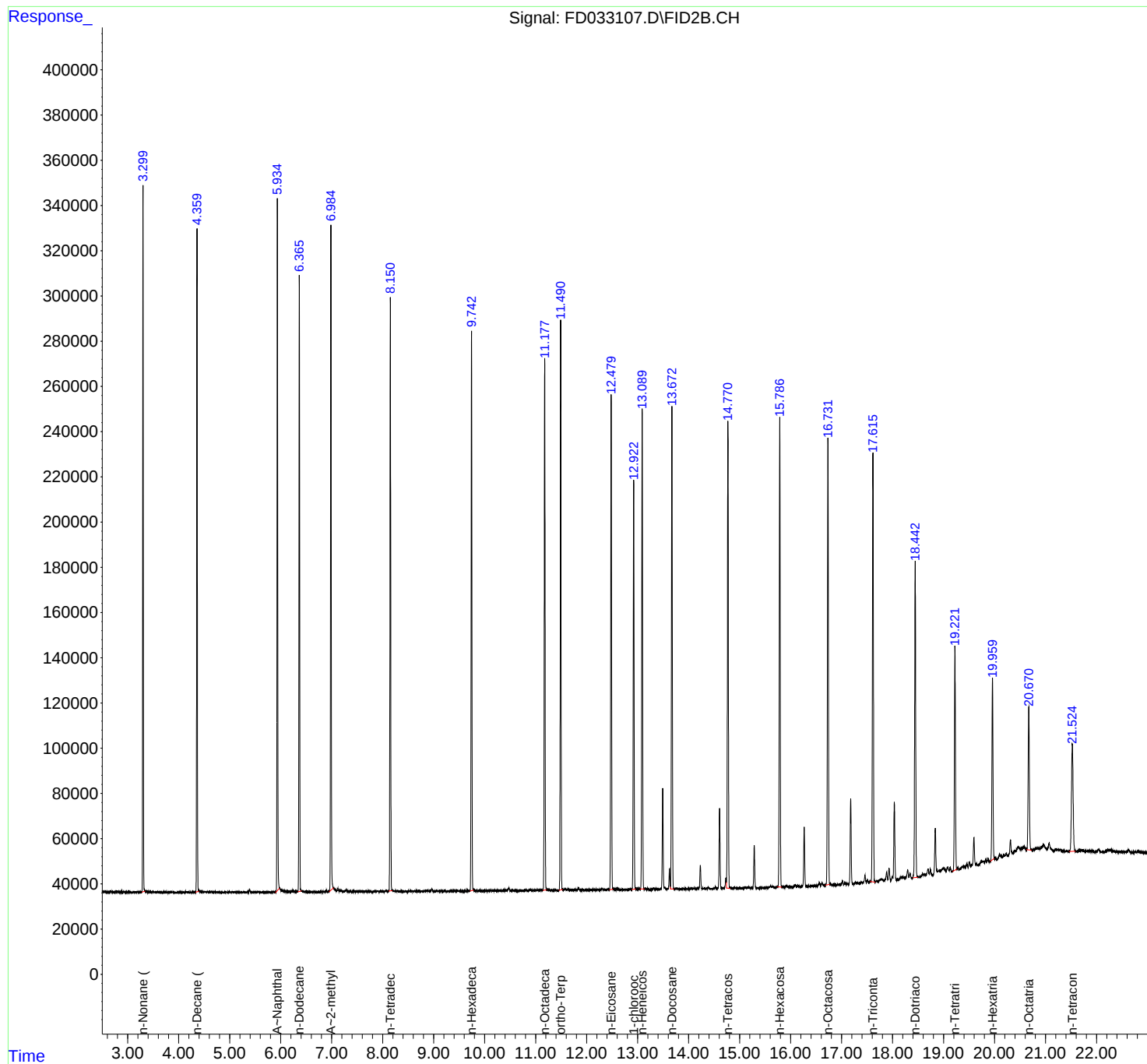
(f)=RT Delta > 1/2 Window

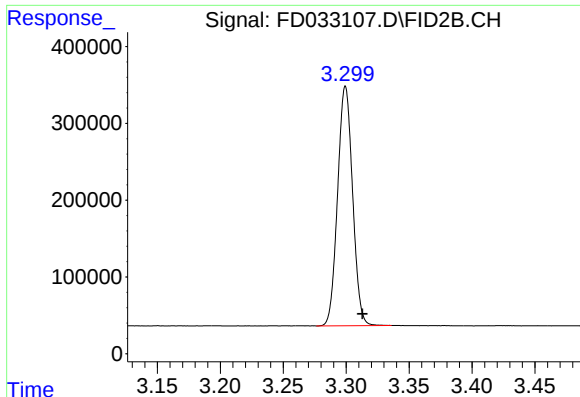
(m)=manual int.

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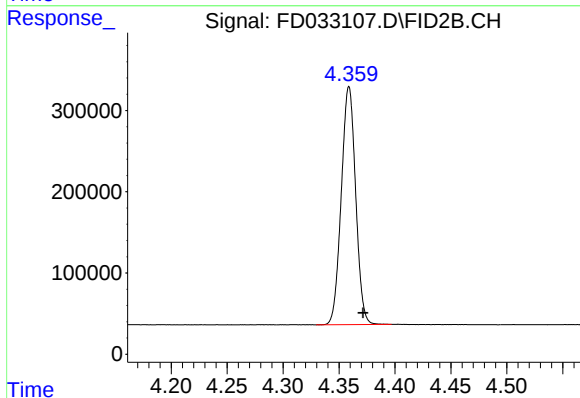
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





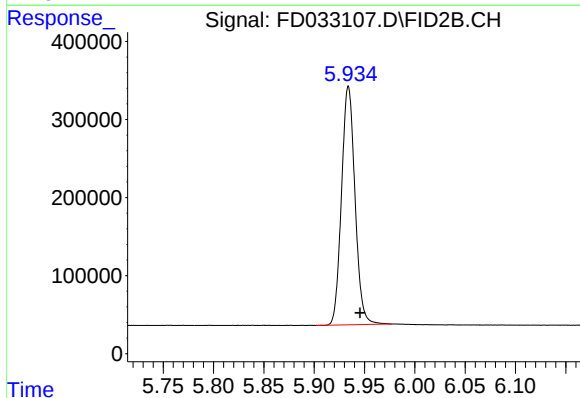
#1 n-Nonane (C9)

R.T.: 3.299 min  
Delta R.T.: -0.014 min  
Response: 2586424  
Conc: 19.34 ug/ml



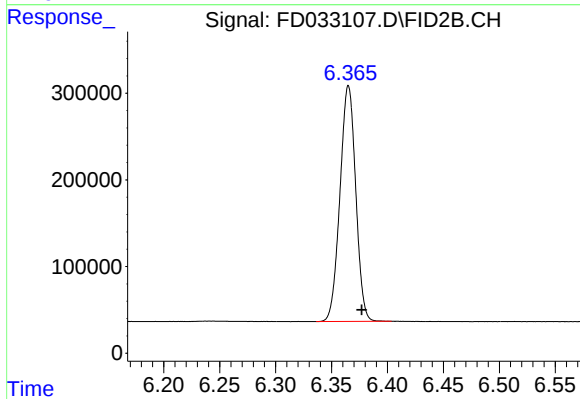
#2 n-Decane (C10)

R.T.: 4.359 min  
Delta R.T.: -0.013 min  
Response: 2620019  
Conc: 19.56 ug/ml



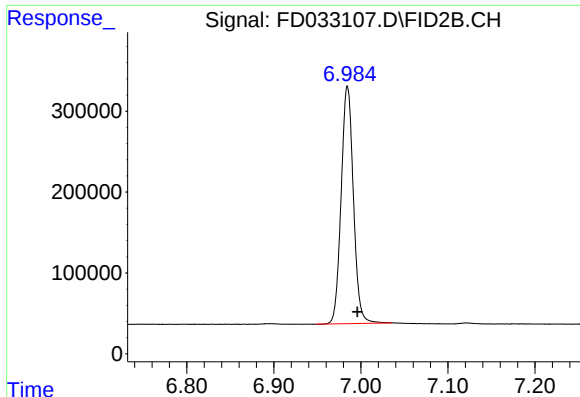
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min  
Delta R.T.: -0.011 min  
Response: 2850937  
Conc: 19.34 ug/ml



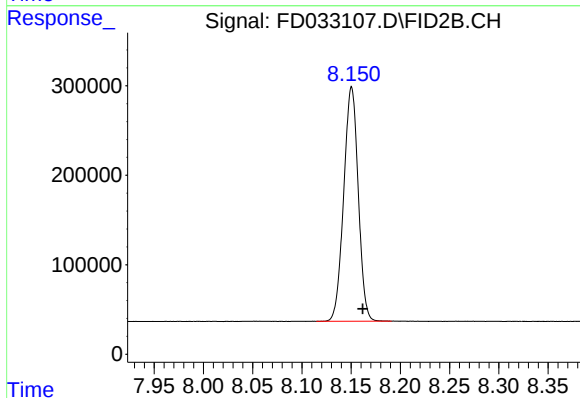
#4 n-Dodecane (C12)

R.T.: 6.365 min  
Delta R.T.: -0.012 min  
Response: 2667670  
Conc: 19.68 ug/ml



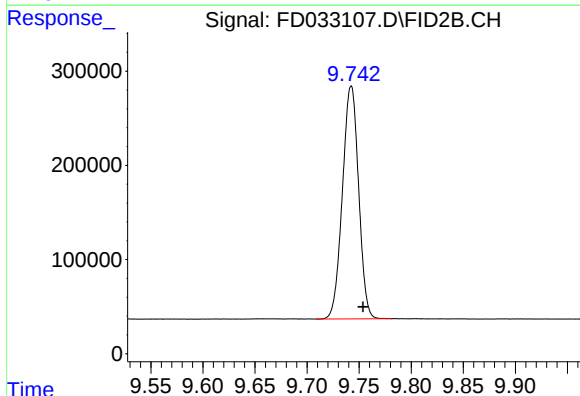
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min  
Delta R.T.: -0.011 min  
Response: 2870778  
Conc: 19.32 ug/ml



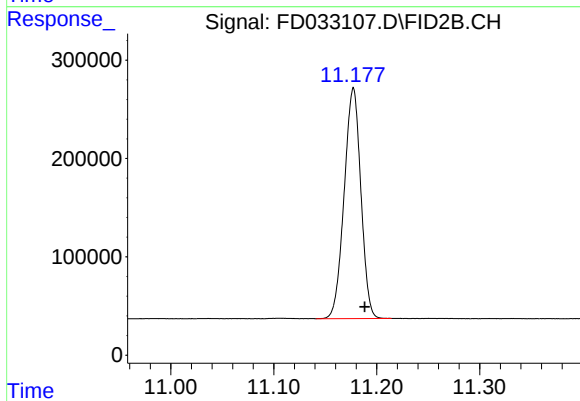
#6 n-Tetradecane (C14)

R.T.: 8.150 min  
Delta R.T.: -0.011 min  
Response: 2688568  
Conc: 19.66 ug/ml



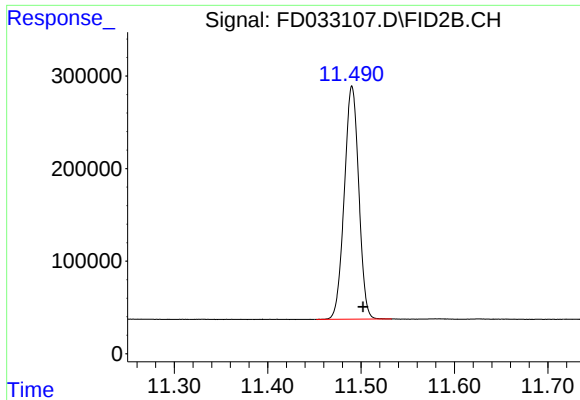
#7 n-Hexadecane (C16)

R.T.: 9.742 min  
Delta R.T.: -0.011 min  
Response: 2676631  
Conc: 19.48 ug/ml



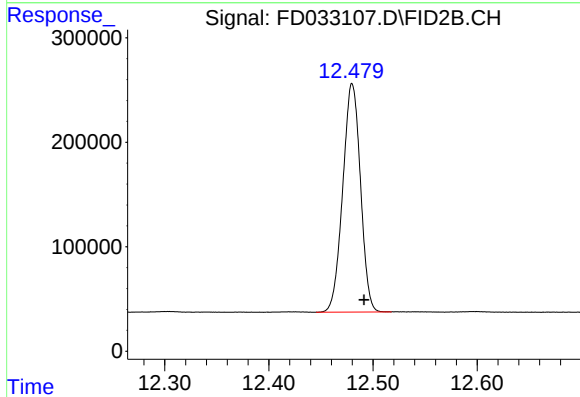
#8 n-Octadecane (C18)

R.T.: 11.177 min  
Delta R.T.: -0.011 min  
Response: 2641529  
Conc: 19.07 ug/ml



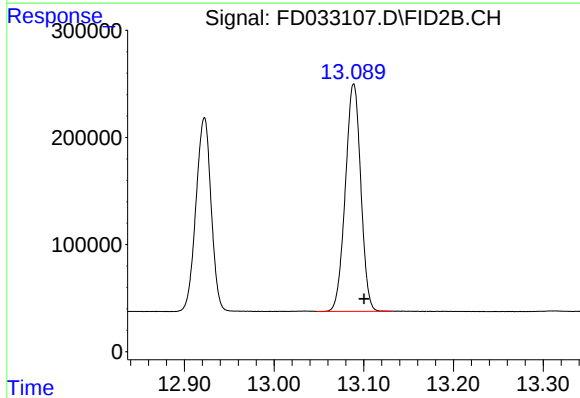
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min  
Delta R.T.: -0.012 min  
Response: 2707814  
Conc: 18.02 ug/ml



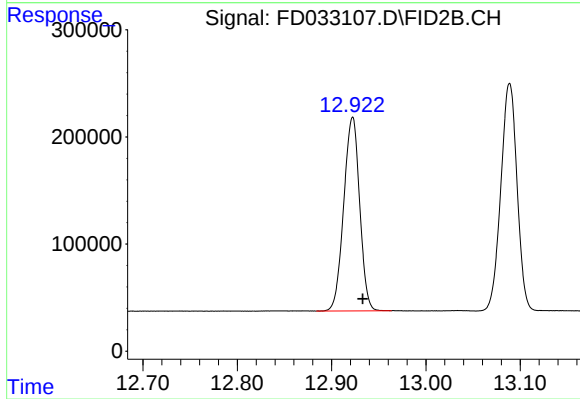
#10 n-Eicosane (C20)

R.T.: 12.480 min  
Delta R.T.: -0.011 min  
Response: 2583190  
Conc: 18.60 ug/ml



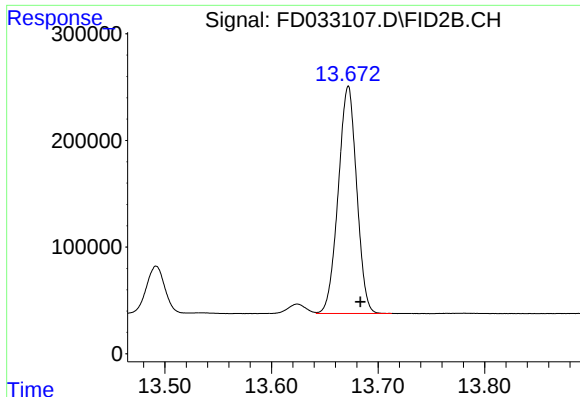
#11 n-Heneicosane (C21)

R.T.: 13.089 min  
Delta R.T.: -0.011 min  
Response: 2538719  
Conc: 18.12 ug/ml



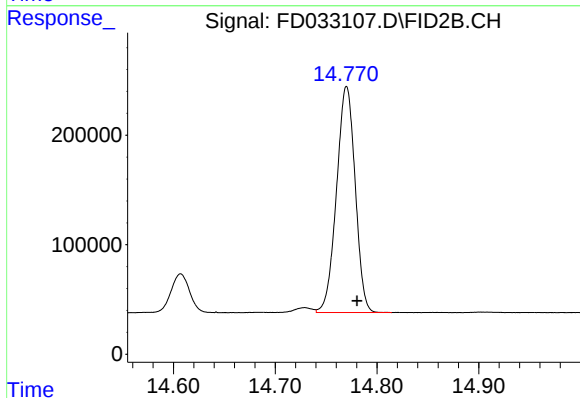
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min  
Delta R.T.: -0.011 min  
Response: 2123435  
Conc: 18.09 ug/ml



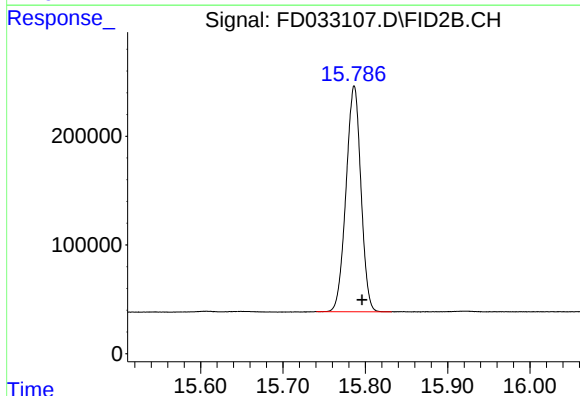
#13 n-Docosane (C22)

R.T.: 13.672 min  
Delta R.T.: -0.011 min  
Response: 2567687  
Conc: 18.49 ug/ml



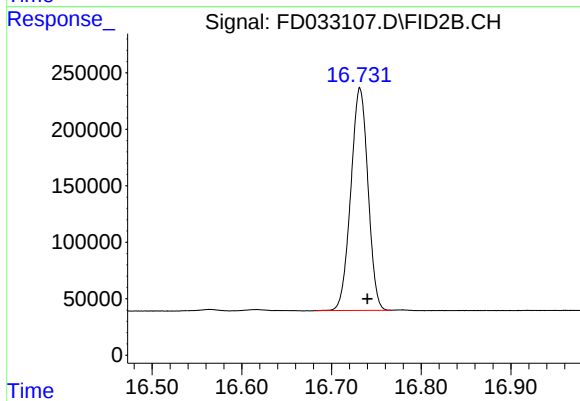
#14 n-Tetracosane (C24)

R.T.: 14.770 min  
Delta R.T.: -0.010 min  
Response: 2632704  
Conc: 19.19 ug/ml



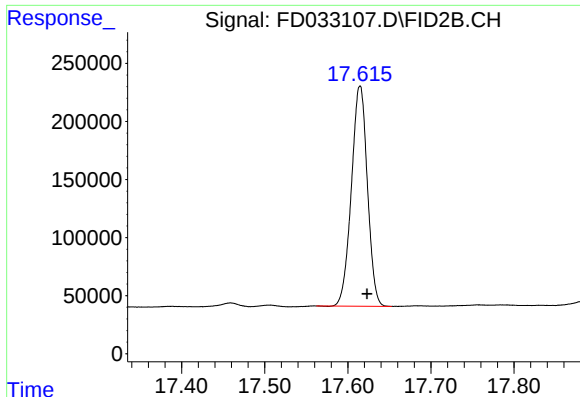
#15 n-Hexacosane (C26)

R.T.: 15.787 min  
Delta R.T.: -0.010 min  
Response: 2611777  
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min  
Delta R.T.: -0.008 min  
Response: 2619902  
Conc: 20.76 ug/ml



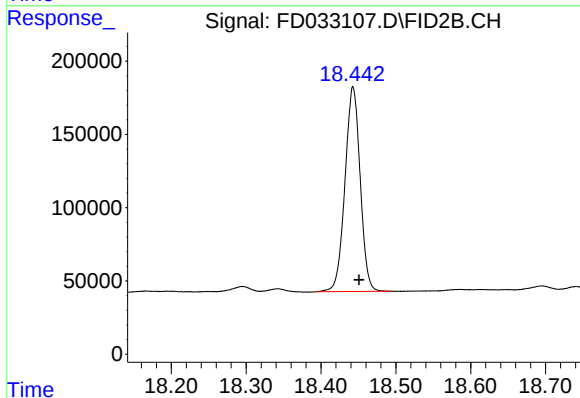
#17 n-Tricontane (C30)

R.T.: 17.615 min

Delta R.T.: -0.008 min

Response: 2538297

Conc: 22.30 ug/ml



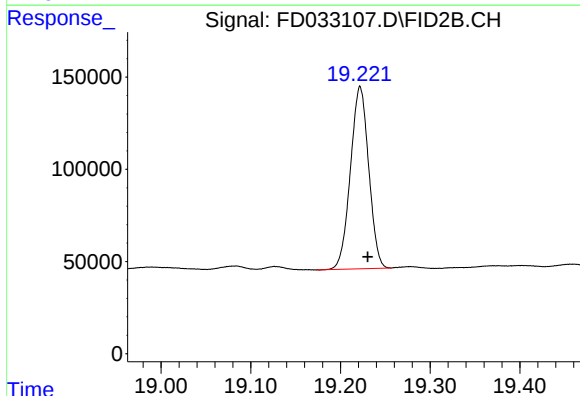
#18 n-Dotriacontane (C32)

R.T.: 18.443 min

Delta R.T.: -0.008 min

Response: 1971813

Conc: 23.47 ug/ml



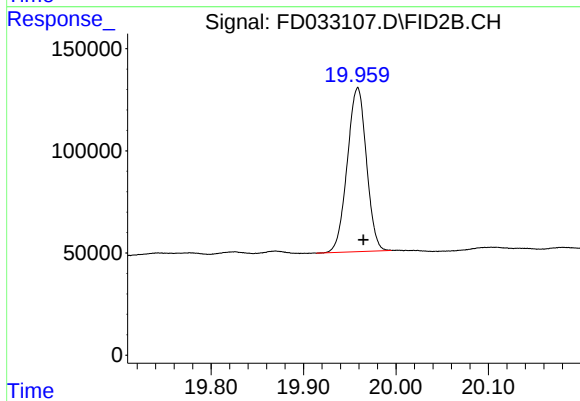
#19 n-Tetratriacontane (C34)

R.T.: 19.222 min

Delta R.T.: -0.008 min

Response: 1397566

Conc: 23.04 ug/ml



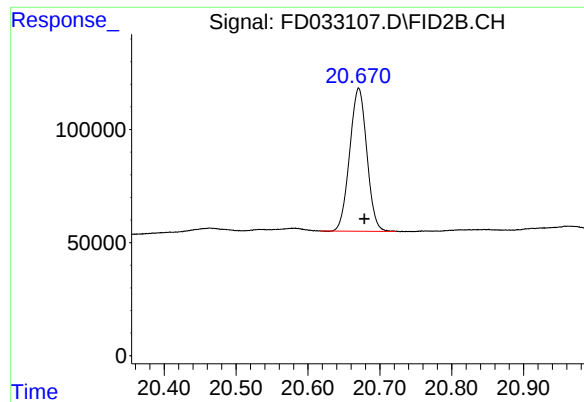
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min

Delta R.T.: -0.006 min

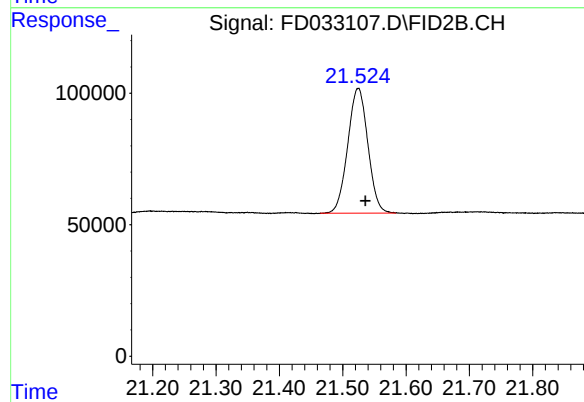
Response: 1154147

Conc: 23.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min  
Delta R.T.: -0.008 min  
Response: 1046345  
Conc: 21.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.525 min  
Delta R.T.: -0.011 min  
Response: 1047746  
Conc: 20.76 ug/ml