

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF022723AL\  
 Data File : FF012246.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Feb 2023 00:11  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 28 05:07:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 022723.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 28 04:05:36 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 10.949 | 3076332    | 19.647 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.29%       |
| 12) S 1-chlorooctadecane (S... | 12.381 | 2418825    | 19.784 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.798  | 2609072    | 19.749 ug/ml |
| 2) T n-Decane (C10)            | 3.810  | 2558398    | 19.682 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.378  | 2977799    | 19.818 ug/ml |
| 4) T n-Dodecane (C12)          | 5.799  | 2613955    | 19.766 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.428  | 2817904    | 19.800 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.589  | 2649407    | 19.721 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.188  | 2759232    | 19.711 ug/ml |
| 8) T n-Octadecane (C18)        | 10.628 | 2836725    | 19.637 ug/ml |
| 10) T n-Eicosane (C20)         | 11.936 | 2801822    | 19.530 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.547 | 2824349    | 19.574 ug/ml |
| 13) T n-Docosane (C22)         | 13.133 | 2808008    | 19.234 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.235 | 2786192    | 18.539 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.255 | 2695108    | 18.074 ug/ml |
| 16) T n-Octacosane (C28)       | 16.204 | 2602993    | 17.548 ug/ml |
| 17) T n-Tricontane (C30)       | 17.090 | 2504653    | 17.389 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.922 | 2434249    | 17.604 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.704 | 2317171    | 18.563 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.443 | 2194951    | 18.774 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.179 | 2105891    | 19.204 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.092 | 2077957    | 19.006 ug/ml |
| -----                          |        |            |              |

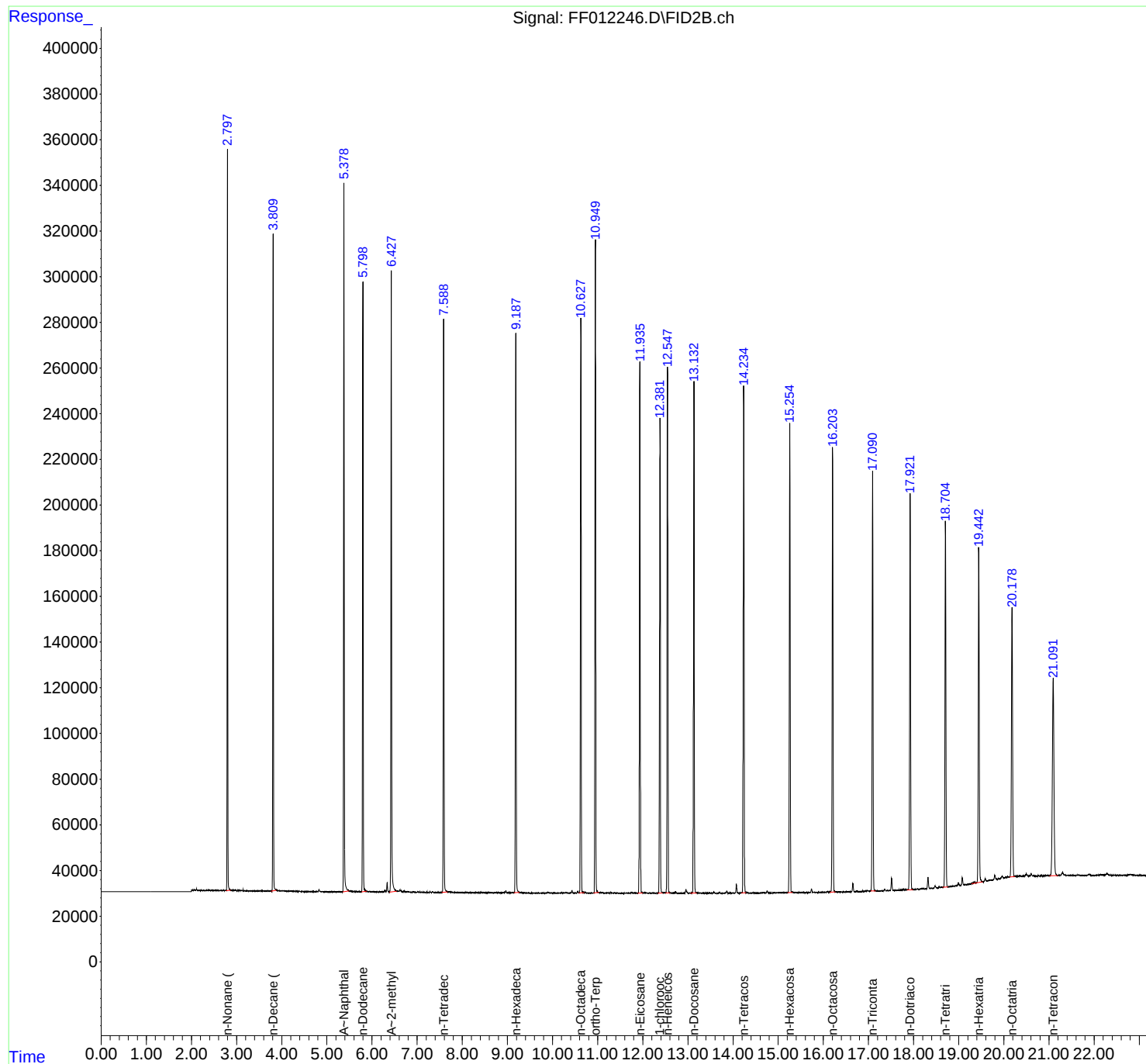
(f)=RT Delta > 1/2 Window

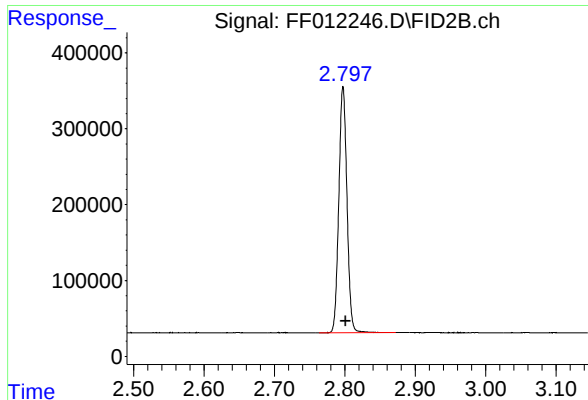
(m)=manual int.

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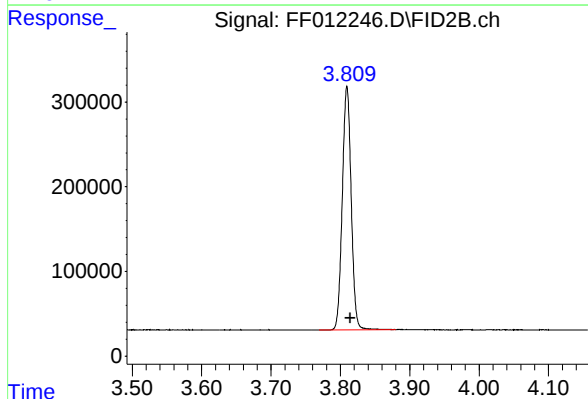
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





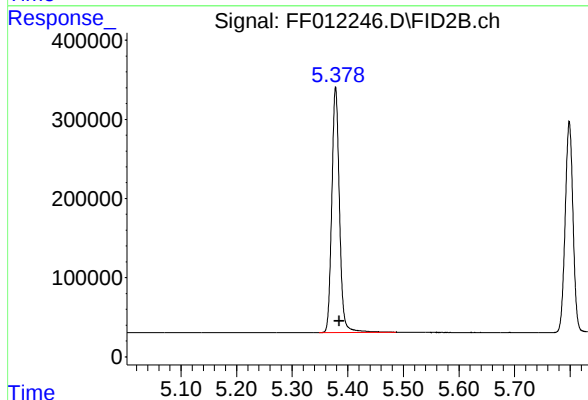
#1 n-Nonane (C9)

R.T.: 2.798 min  
Delta R.T.: -0.003 min  
Response: 2609072  
Conc: 19.75 ug/ml



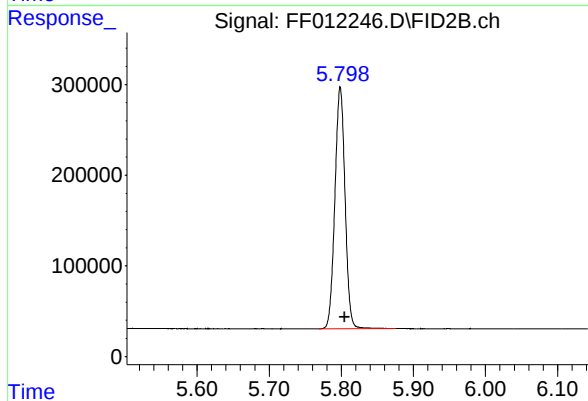
#2 n-Decane (C10)

R.T.: 3.810 min  
Delta R.T.: -0.005 min  
Response: 2558398  
Conc: 19.68 ug/ml



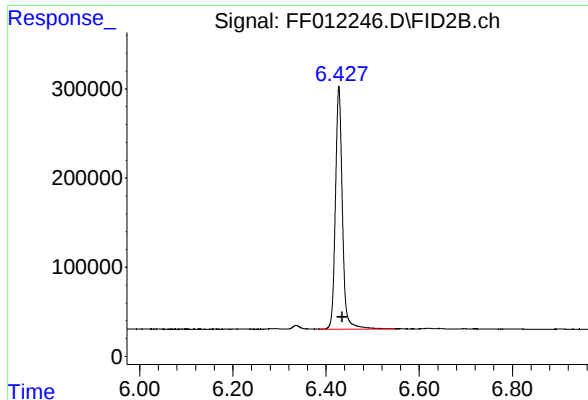
#3 A~Naphthalene (C11.7)

R.T.: 5.378 min  
Delta R.T.: -0.006 min  
Response: 2977799  
Conc: 19.82 ug/ml



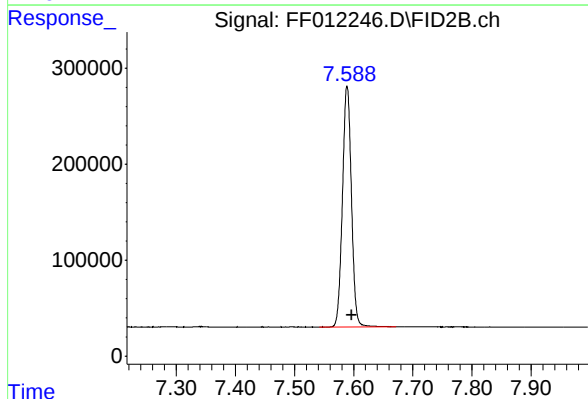
#4 n-Dodecane (C12)

R.T.: 5.799 min  
Delta R.T.: -0.006 min  
Response: 2613955  
Conc: 19.77 ug/ml



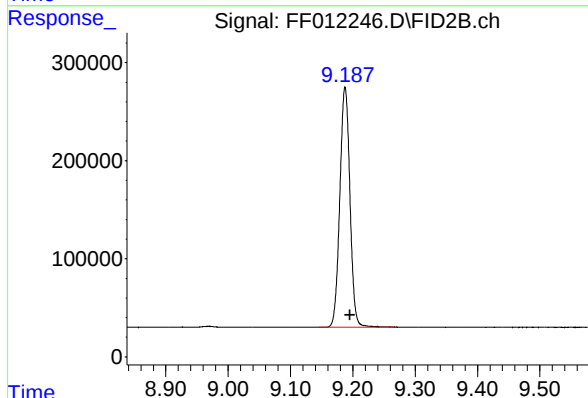
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.428 min  
Delta R.T.: -0.007 min  
Response: 2817904  
Conc: 19.80 ug/ml



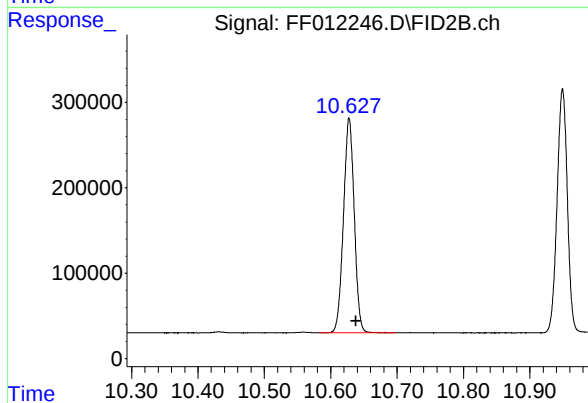
#6 n-Tetradecane (C14)

R.T.: 7.589 min  
Delta R.T.: -0.008 min  
Response: 2649407  
Conc: 19.72 ug/ml



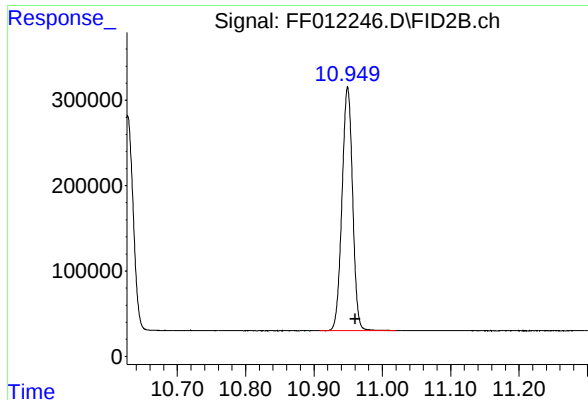
#7 n-Hexadecane (C16)

R.T.: 9.188 min  
Delta R.T.: -0.008 min  
Response: 2759232  
Conc: 19.71 ug/ml



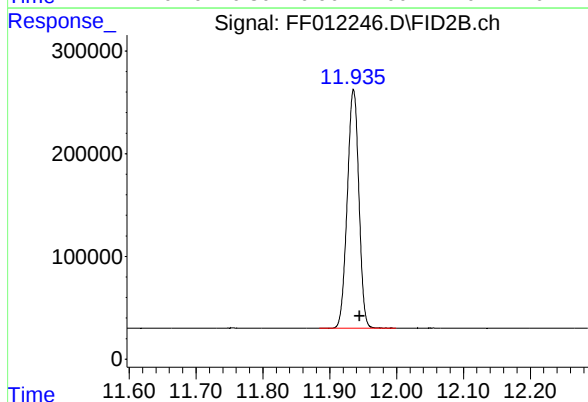
#8 n-Octadecane (C18)

R.T.: 10.628 min  
Delta R.T.: -0.010 min  
Response: 2836725  
Conc: 19.64 ug/ml



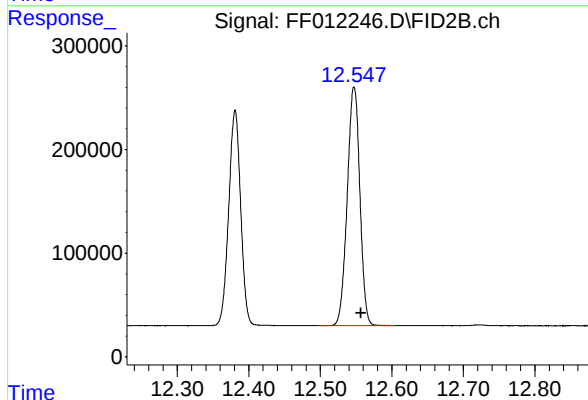
#9 ortho-Terphenyl (SURR)

R.T.: 10.949 min  
Delta R.T.: -0.011 min  
Response: 3076332  
Conc: 19.65 ug/ml



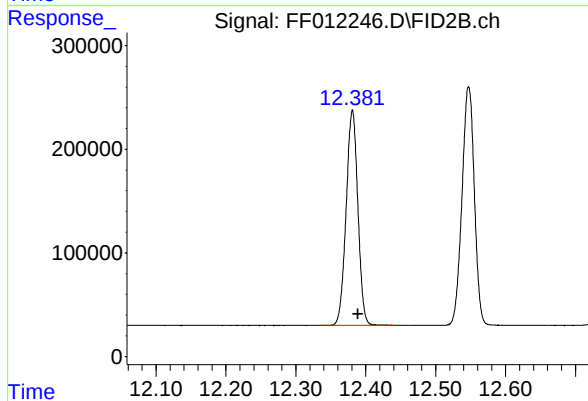
#10 n-Eicosane (C20)

R.T.: 11.936 min  
Delta R.T.: -0.009 min  
Response: 2801822  
Conc: 19.53 ug/ml



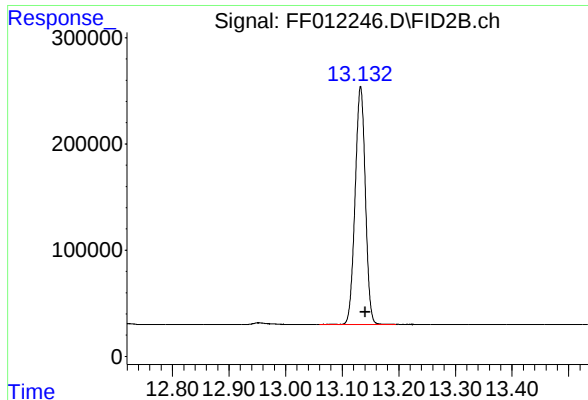
#11 n-Heneicosane (C21)

R.T.: 12.547 min  
Delta R.T.: -0.010 min  
Response: 2824349  
Conc: 19.57 ug/ml



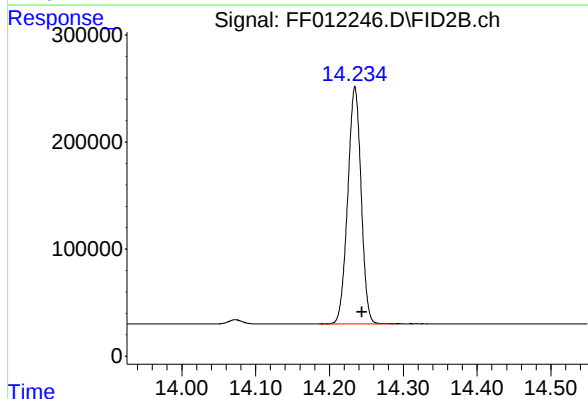
#12 1-chlorooctadecane (SURR)

R.T.: 12.381 min  
Delta R.T.: -0.008 min  
Response: 2418825  
Conc: 19.78 ug/ml



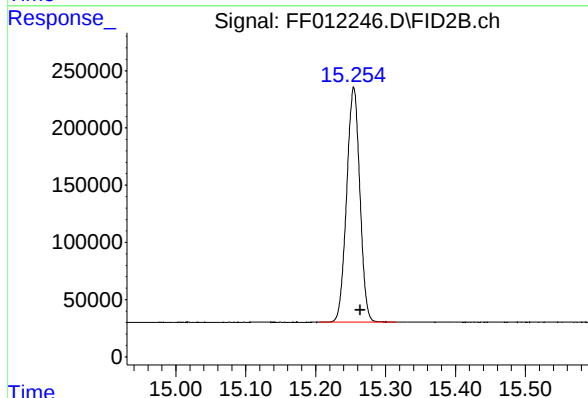
#13 n-Docosane (C22)

R.T.: 13.133 min  
Delta R.T.: -0.009 min  
Response: 2808008  
Conc: 19.23 ug/ml



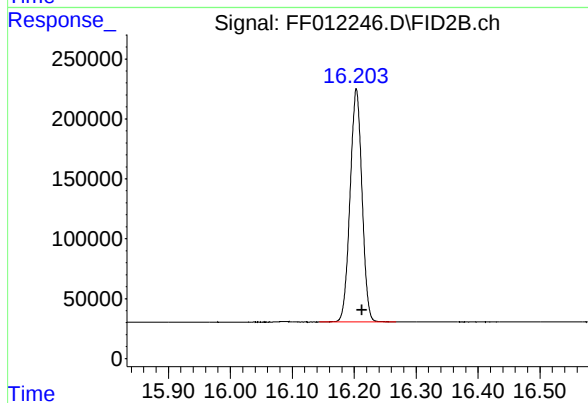
#14 n-Tetracosane (C24)

R.T.: 14.235 min  
Delta R.T.: -0.009 min  
Response: 2786192  
Conc: 18.54 ug/ml



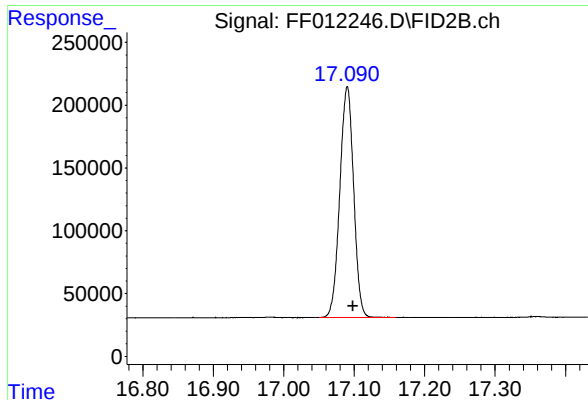
#15 n-Hexacosane (C26)

R.T.: 15.255 min  
Delta R.T.: -0.009 min  
Response: 2695108  
Conc: 18.07 ug/ml



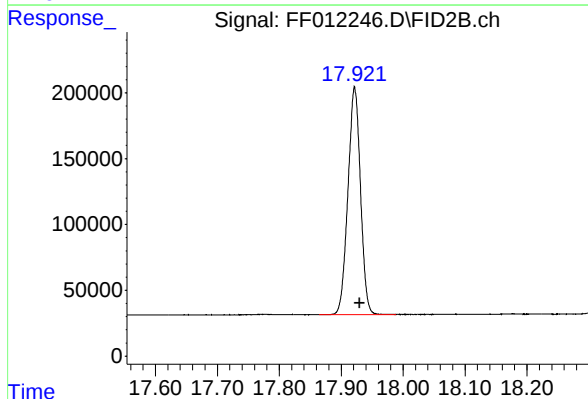
#16 n-Octacosane (C28)

R.T.: 16.204 min  
Delta R.T.: -0.009 min  
Response: 2602993  
Conc: 17.55 ug/ml



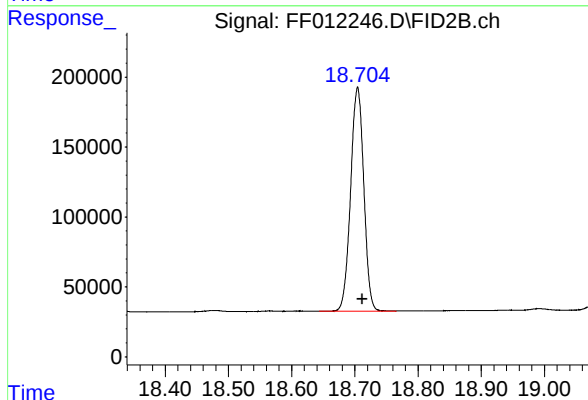
#17 n-Tricontane (C30)

R.T.: 17.090 min  
Delta R.T.: -0.008 min  
Response: 2504653  
Conc: 17.39 ug/ml



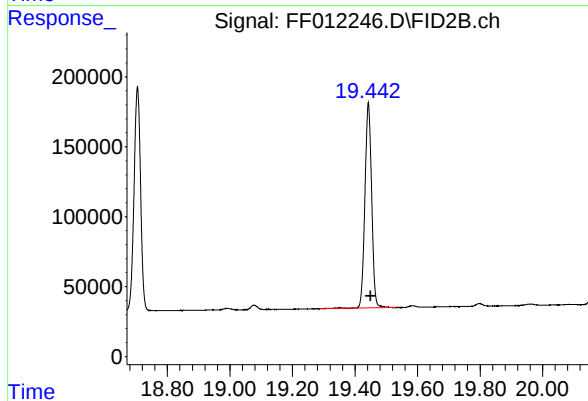
#18 n-Dotriacontane (C32)

R.T.: 17.922 min  
Delta R.T.: -0.008 min  
Response: 2434249  
Conc: 17.60 ug/ml



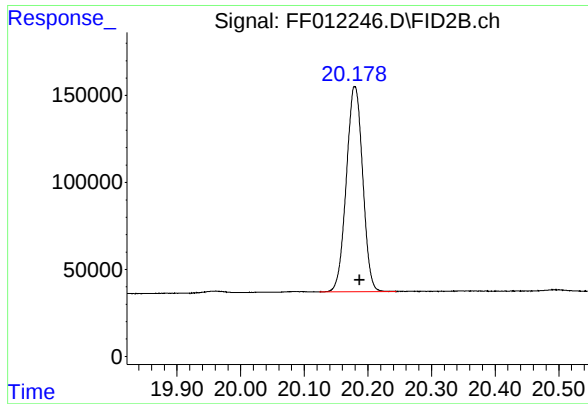
#19 n-Tetatriacontane (C34)

R.T.: 18.704 min  
Delta R.T.: -0.007 min  
Response: 2317171  
Conc: 18.56 ug/ml



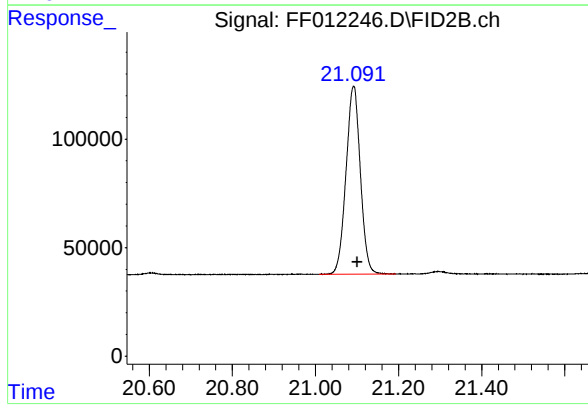
#20 n-Hexatriacontane (C36)

R.T.: 19.443 min  
Delta R.T.: -0.007 min  
Response: 2194951  
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.179 min  
Delta R.T.: -0.008 min  
Response: 2105891  
Conc: 19.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.092 min  
Delta R.T.: -0.008 min  
Response: 2077957  
Conc: 19.01 ug/ml