

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091922AL\  
 Data File : FD043901.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Sep 2022 10:35  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 20 05:40:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 17:10:44 2022  
 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)    | 11.312 | 3751401    | 21.935 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.87%       |
| 12) S 1-chlorooctadecane (S... | 12.731 | 2891721    | 21.733 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.47%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.142  | 3215264    | 22.326 ug/ml |
| 2) T n-Decane (C10)            | 4.193  | 3252112    | 22.427 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.764  | 3293593    | 23.280 ug/ml |
| 4) T n-Dodecane (C12)          | 6.191  | 3321360    | 22.202 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.810  | 3253266    | 23.573 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.972  | 3347979    | 22.183 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.560  | 3400492    | 22.232 ug/ml |
| 8) T n-Octadecane (C18)        | 10.990 | 3458698    | 21.937 ug/ml |
| 10) T n-Eicosane (C20)         | 12.289 | 3477584    | 21.733 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.896 | 3482702    | 21.589 ug/ml |
| 13) T n-Docosane (C22)         | 13.477 | 3469832    | 21.580 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.570 | 3404269    | 21.481 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.582 | 3301855    | 21.200 ug/ml |
| 16) T n-Octacosane (C28)       | 16.522 | 3152614    | 20.822 ug/ml |
| 17) T n-Tricontane (C30)       | 17.399 | 3062964    | 20.557 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.221 | 2861933    | 20.049 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.995 | 2446405    | 18.718 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.727 | 2118852    | 17.120 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.419 | 1914520    | 16.388 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.182 | 1760385    | 15.928 ug/ml |
| -----                          |        |            |              |

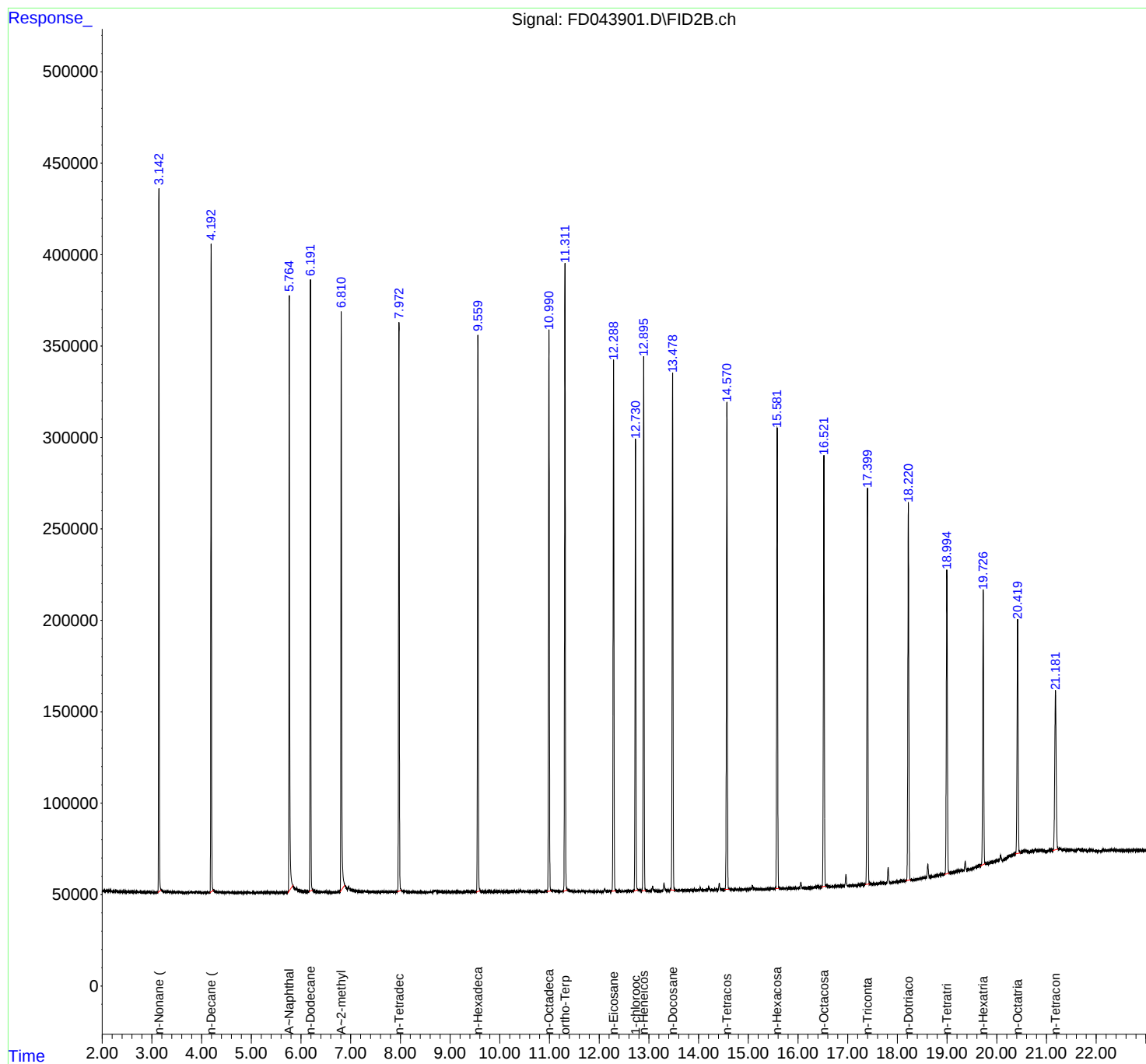
(f)=RT Delta > 1/2 Window

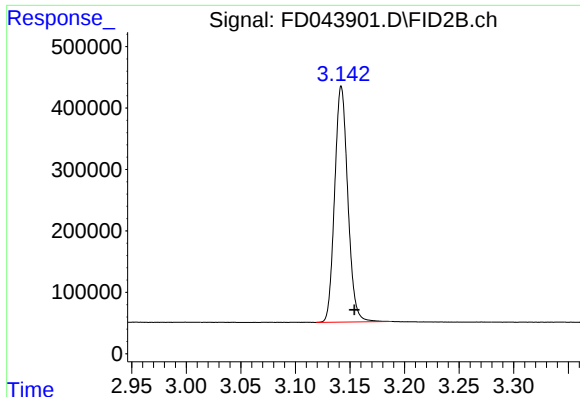
(m)=manual int.

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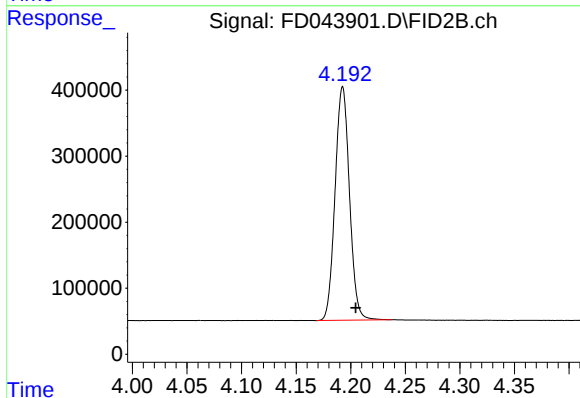
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





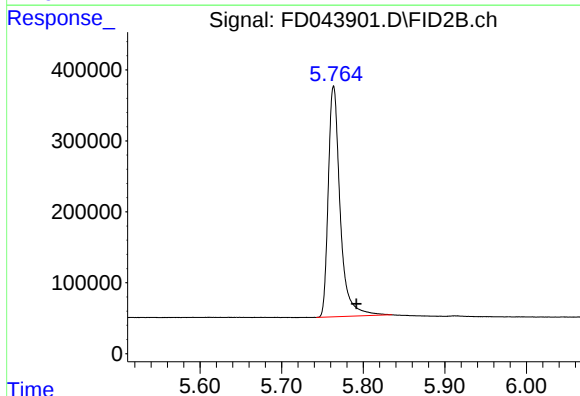
#1 n-Nonane (C9)

R.T.: 3.142 min  
Delta R.T.: -0.012 min  
Response: 3215264  
Conc: 22.33 ug/ml



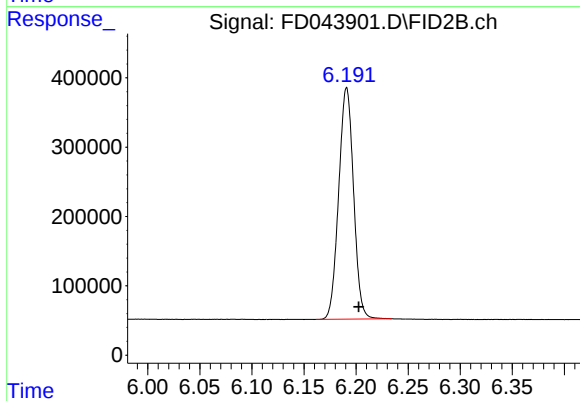
#2 n-Decane (C10)

R.T.: 4.193 min  
Delta R.T.: -0.012 min  
Response: 3252112  
Conc: 22.43 ug/ml



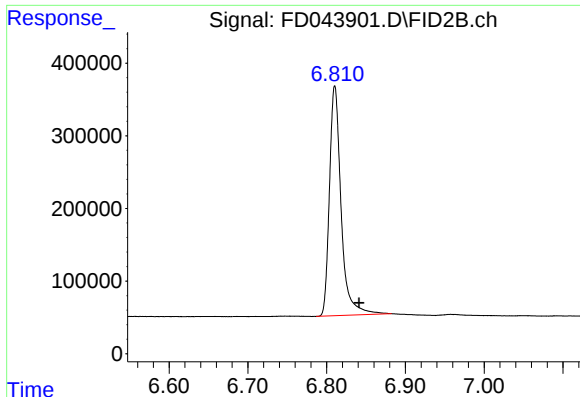
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min  
Delta R.T.: -0.028 min  
Response: 3293593  
Conc: 23.28 ug/ml



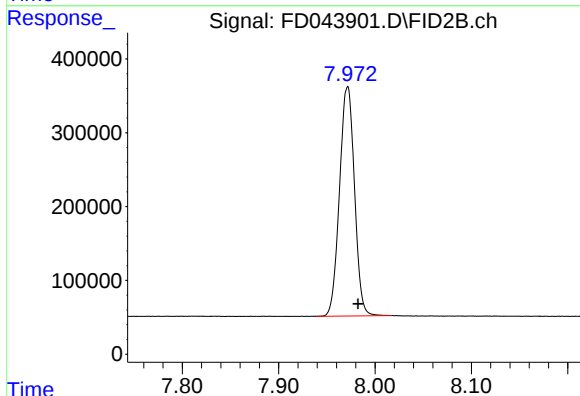
#4 n-Dodecane (C12)

R.T.: 6.191 min  
Delta R.T.: -0.011 min  
Response: 3321360  
Conc: 22.20 ug/ml



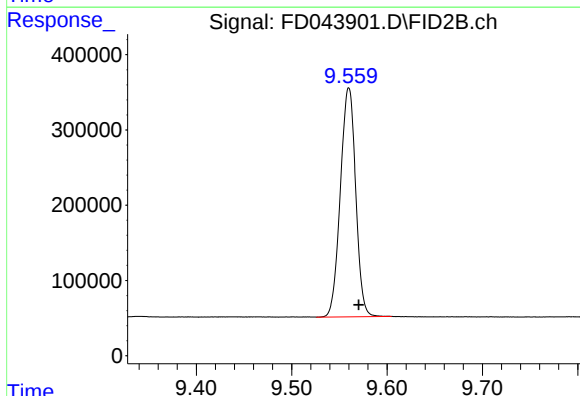
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.810 min  
Delta R.T.: -0.031 min  
Response: 3253266  
Conc: 23.57 ug/ml



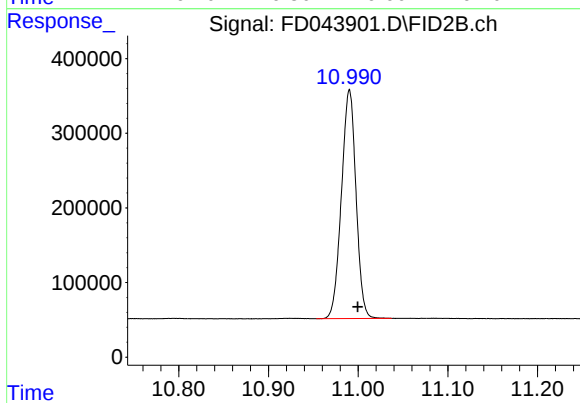
#6 n-Tetradecane (C14)

R.T.: 7.972 min  
Delta R.T.: -0.011 min  
Response: 3347979  
Conc: 22.18 ug/ml



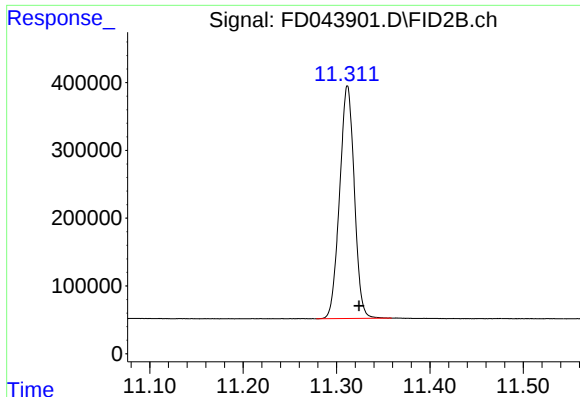
#7 n-Hexadecane (C16)

R.T.: 9.560 min  
Delta R.T.: -0.010 min  
Response: 3400492  
Conc: 22.23 ug/ml



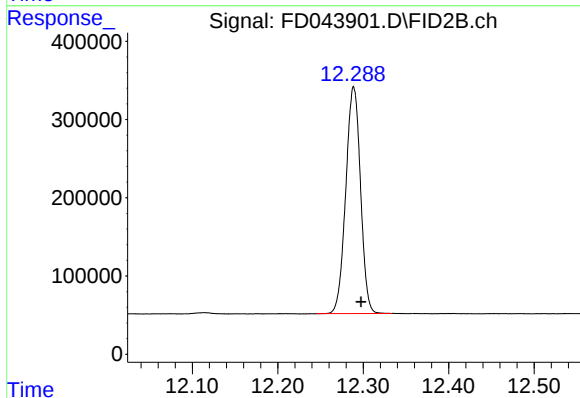
#8 n-Octadecane (C18)

R.T.: 10.990 min  
Delta R.T.: -0.009 min  
Response: 3458698  
Conc: 21.94 ug/ml



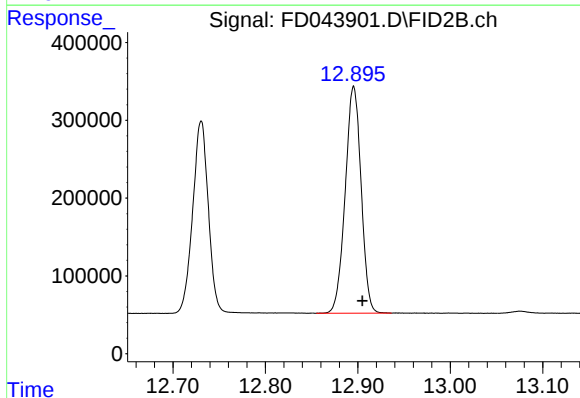
#9 ortho-Terphenyl (SURR)

R.T.: 11.312 min  
Delta R.T.: -0.012 min  
Response: 3751401  
Conc: 21.93 ug/ml



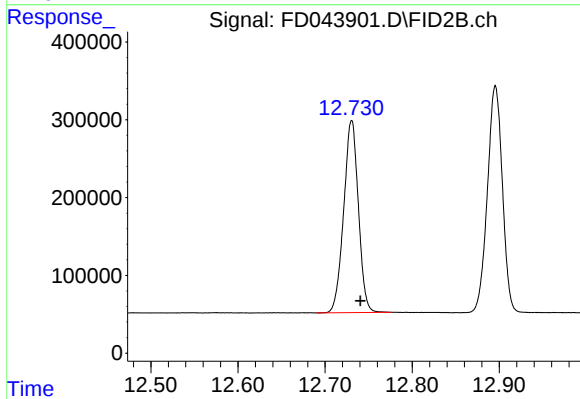
#10 n-Eicosane (C20)

R.T.: 12.289 min  
Delta R.T.: -0.009 min  
Response: 3477584  
Conc: 21.73 ug/ml



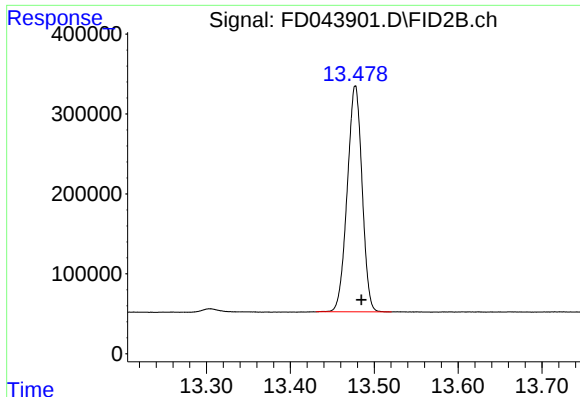
#11 n-Heneicosane (C21)

R.T.: 12.896 min  
Delta R.T.: -0.009 min  
Response: 3482702  
Conc: 21.59 ug/ml



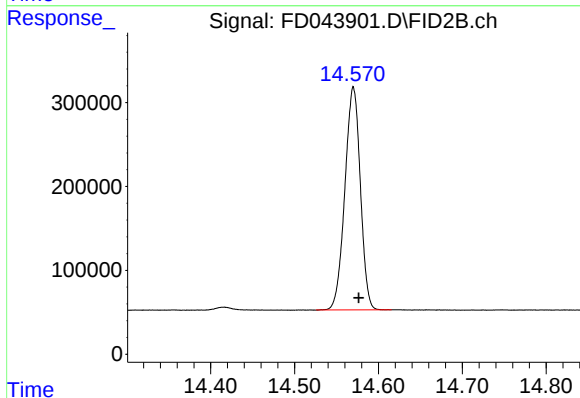
#12 1-chlorooctadecane (SURR)

R.T.: 12.731 min  
Delta R.T.: -0.010 min  
Response: 2891721  
Conc: 21.73 ug/ml



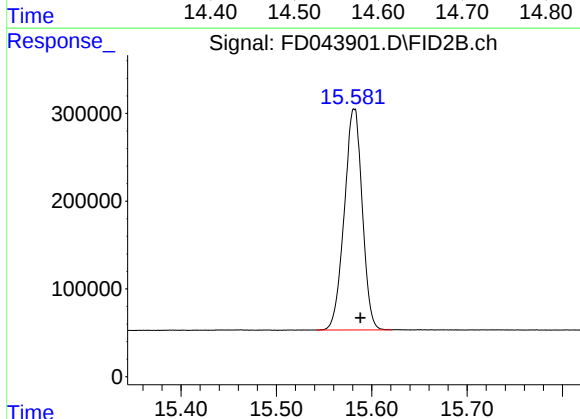
#13 n-Docosane (C22)

R.T.: 13.477 min  
Delta R.T.: -0.007 min  
Response: 3469832  
Conc: 21.58 ug/ml



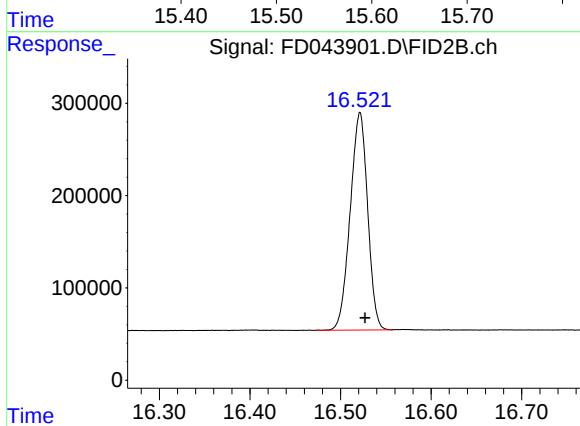
#14 n-Tetracosane (C24)

R.T.: 14.570 min  
Delta R.T.: -0.006 min  
Response: 3404269  
Conc: 21.48 ug/ml



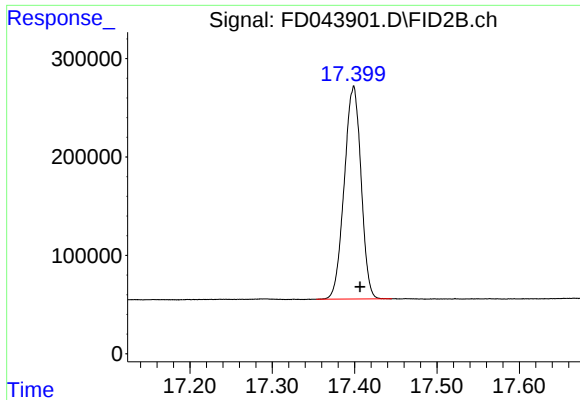
#15 n-Hexacosane (C26)

R.T.: 15.582 min  
Delta R.T.: -0.007 min  
Response: 3301855  
Conc: 21.20 ug/ml



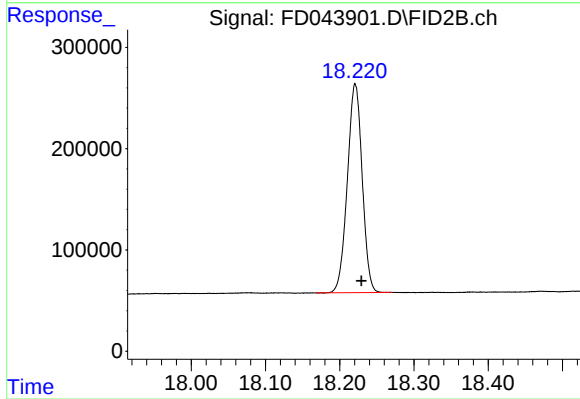
#16 n-Octacosane (C28)

R.T.: 16.522 min  
Delta R.T.: -0.006 min  
Response: 3152614  
Conc: 20.82 ug/ml



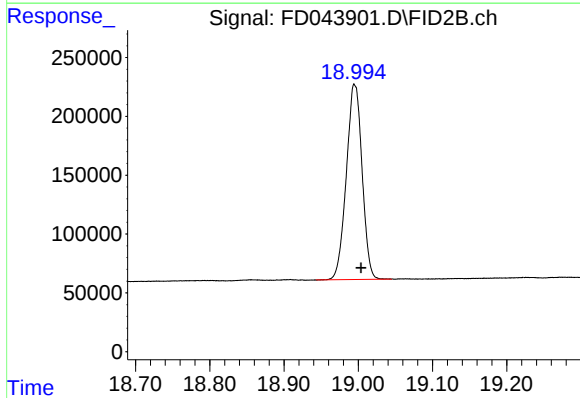
#17 n-Tricontane (C30)

R.T.: 17.399 min  
Delta R.T.: -0.008 min  
Response: 3062964  
Conc: 20.56 ug/ml



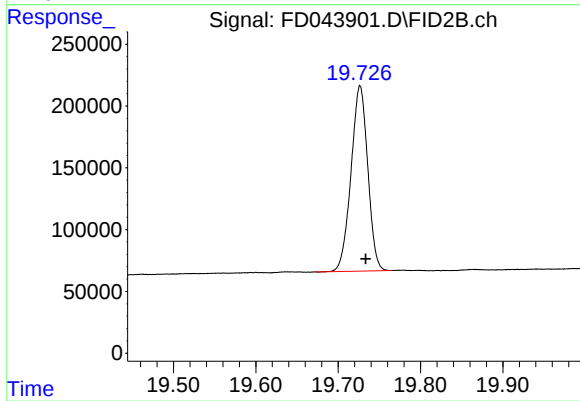
#18 n-Dotriacontane (C32)

R.T.: 18.221 min  
Delta R.T.: -0.009 min  
Response: 2861933  
Conc: 20.05 ug/ml



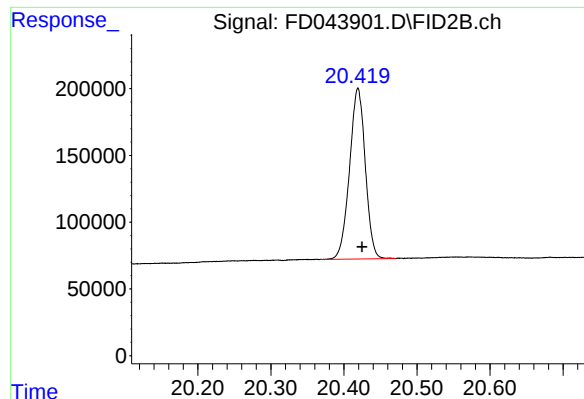
#19 n-Tetratriacontane (C34)

R.T.: 18.995 min  
Delta R.T.: -0.009 min  
Response: 2446405  
Conc: 18.72 ug/ml



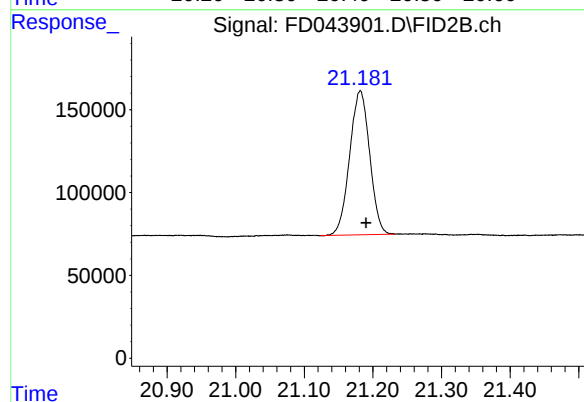
#20 n-Hexatriacontane (C36)

R.T.: 19.727 min  
Delta R.T.: -0.007 min  
Response: 2118852  
Conc: 17.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.419 min  
Delta R.T.: -0.006 min  
Response: 1914520  
Conc: 16.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.182 min  
Delta R.T.: -0.009 min  
Response: 1760385  
Conc: 15.93 ug/ml