

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080922AL\  
 Data File : FE036973.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Aug 2022 22:48  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 10 02:14:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 18 02:35:21 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)    | 11.834 | 3430417    | 18.419 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.84%        |
| 12) S 1-chlorooctadecane (S... | 13.273 | 2685489    | 17.651 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.30%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.221  | 3166411    | 20.540 ug/ml  |
| 2) T n-Decane (C10)            | 4.476  | 3225217    | 20.923 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.180  | 3505786    | 20.515 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.645  | 3277783    | 20.870 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.275  | 3474640    | 20.217 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.471  | 3299357    | 20.210 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.078 | 3214333    | 19.501 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.521 | 3189221    | 18.766 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.829 | 3076698    | 18.087 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.441 | 3040242    | 17.763 ug/ml  |
| 13) T n-Docosane (C22)         | 14.028 | 2989465    | 17.509 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.131 | 2953379    | 17.326 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.154 | 2846283    | 17.024 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.104 | 2830076    | 17.328 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.992 | 2772684    | 18.246 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.825 | 2367139    | 19.682 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.610 | 1839387    | 22.088 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.350 | 1356245    | 23.098 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.076 | 1127836    | 22.495 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.955 | 1178177    | 22.814 ug/ml  |
| -----                          |        |            |               |

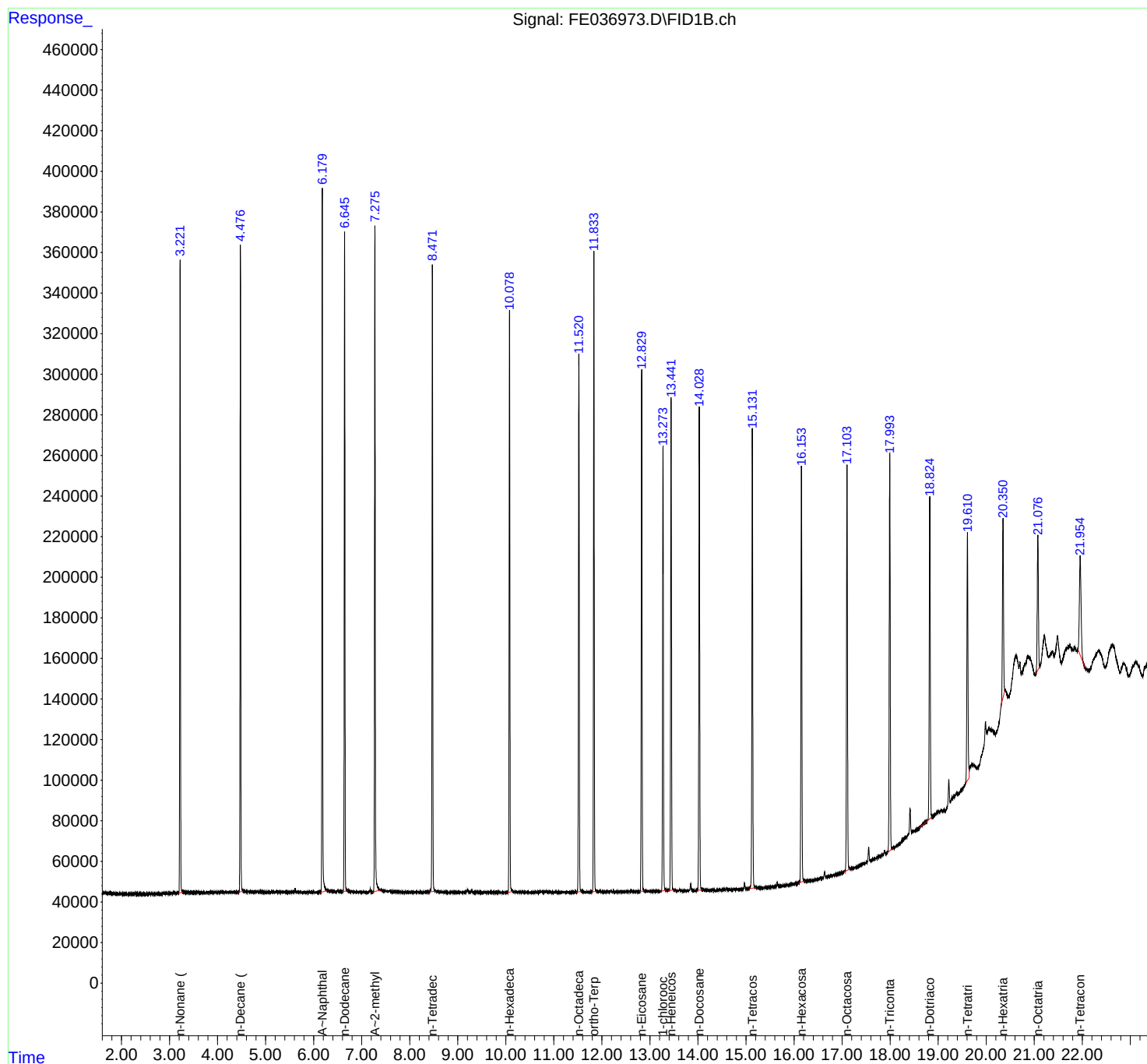
(f)=RT Delta > 1/2 Window

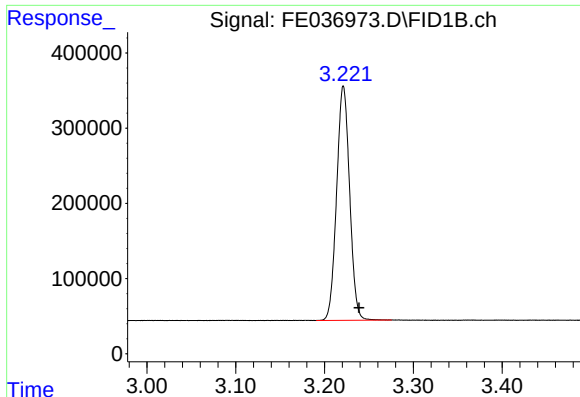
(m)=manual int.

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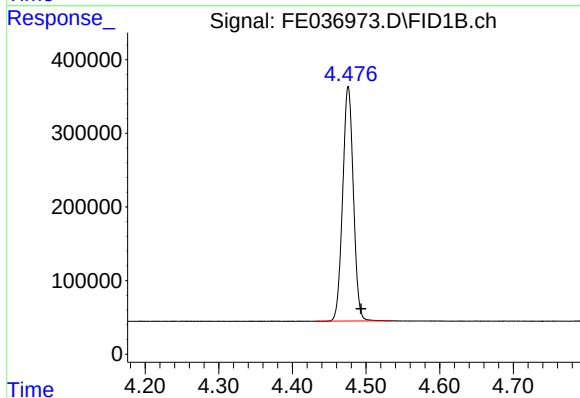
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





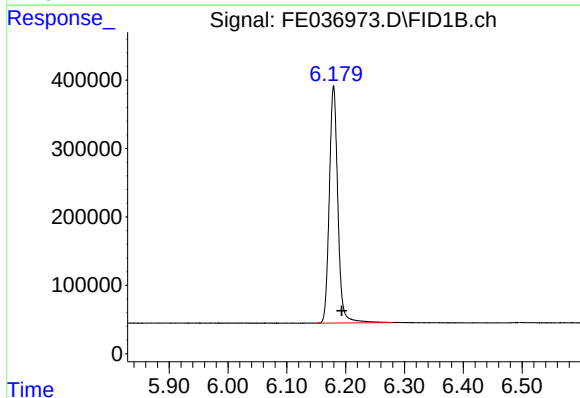
#1 n-Nonane (C9)

R.T.: 3.221 min  
Delta R.T.: -0.018 min  
Response: 3166411  
Conc: 20.54 ug/ml



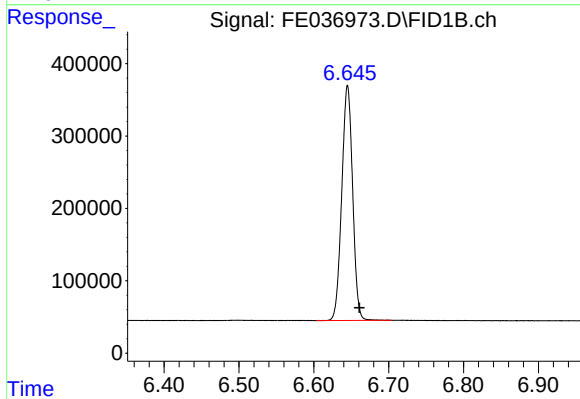
#2 n-Decane (C10)

R.T.: 4.476 min  
Delta R.T.: -0.017 min  
Response: 3225217  
Conc: 20.92 ug/ml



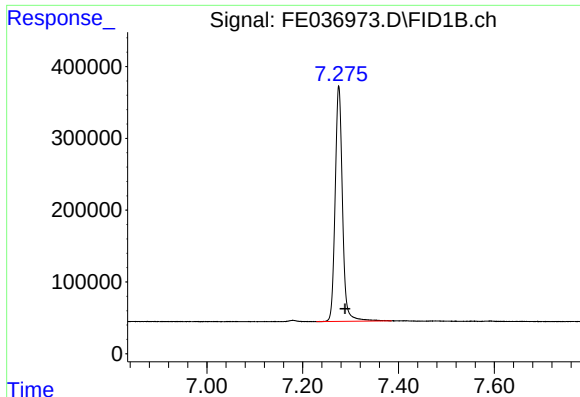
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min  
Delta R.T.: -0.014 min  
Response: 3505786  
Conc: 20.52 ug/ml



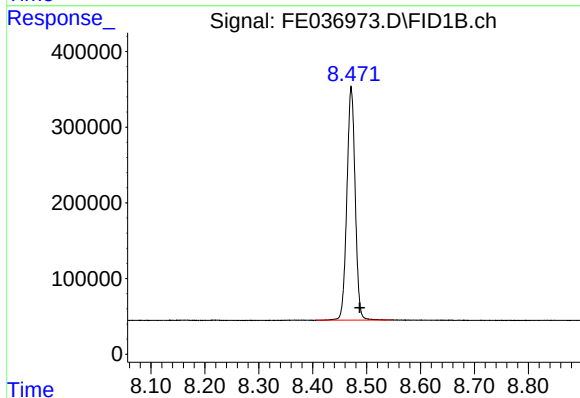
#4 n-Dodecane (C12)

R.T.: 6.645 min  
Delta R.T.: -0.016 min  
Response: 3277783  
Conc: 20.87 ug/ml



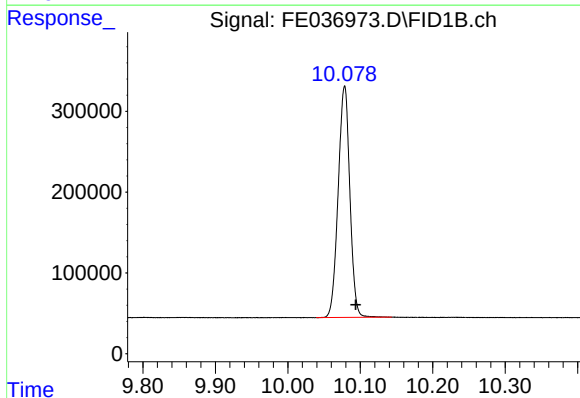
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min  
Delta R.T.: -0.013 min  
Response: 3474640  
Conc: 20.22 ug/ml



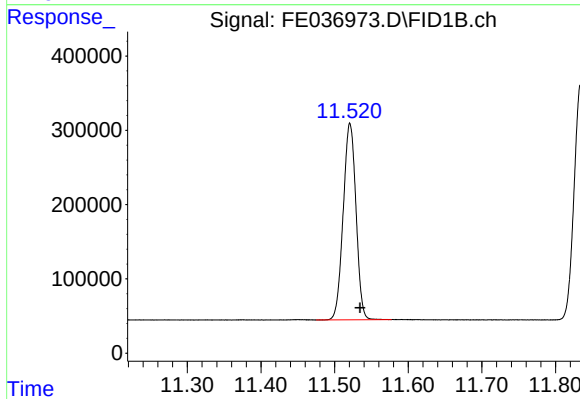
#6 n-Tetradecane (C14)

R.T.: 8.471 min  
Delta R.T.: -0.016 min  
Response: 3299357  
Conc: 20.21 ug/ml



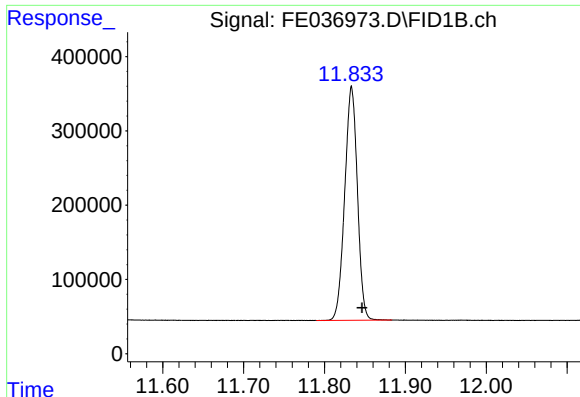
#7 n-Hexadecane (C16)

R.T.: 10.078 min  
Delta R.T.: -0.015 min  
Response: 3214333  
Conc: 19.50 ug/ml



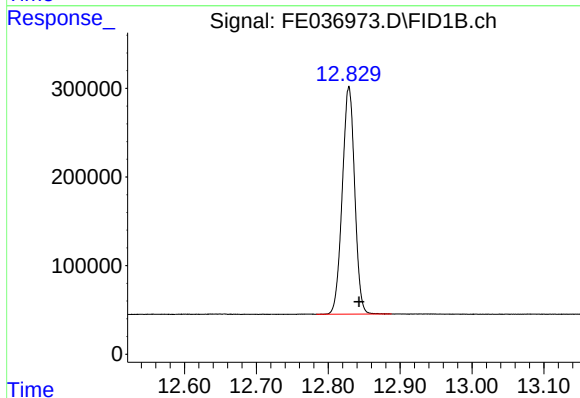
#8 n-Octadecane (C18)

R.T.: 11.521 min  
Delta R.T.: -0.014 min  
Response: 3189221  
Conc: 18.77 ug/ml



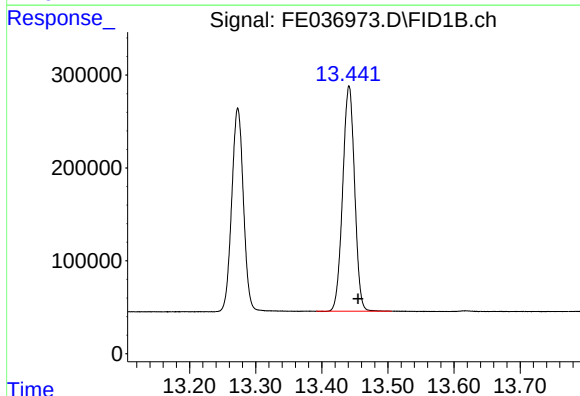
#9 ortho-Terphenyl (SURR)

R.T.: 11.834 min  
Delta R.T.: -0.013 min  
Response: 3430417  
Conc: 18.42 ug/ml



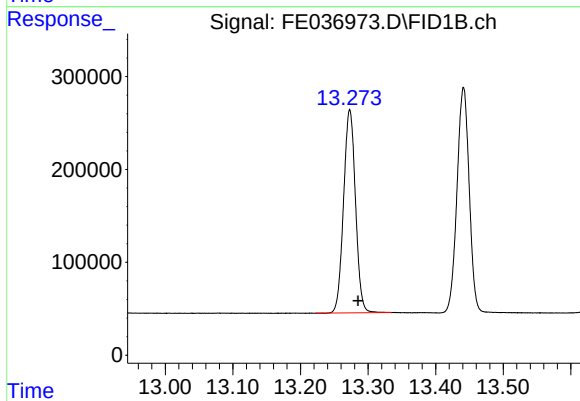
#10 n-Eicosane (C20)

R.T.: 12.829 min  
Delta R.T.: -0.014 min  
Response: 3076698  
Conc: 18.09 ug/ml



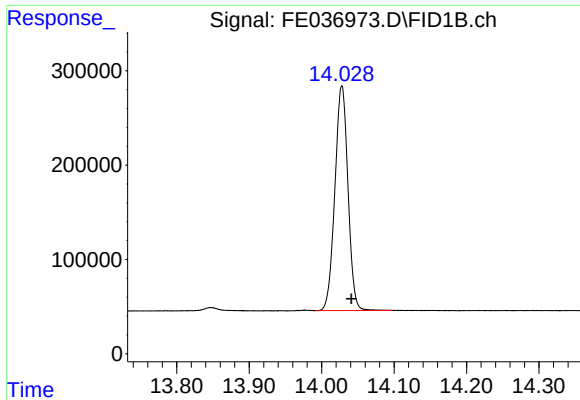
#11 n-Heneicosane (C21)

R.T.: 13.441 min  
Delta R.T.: -0.014 min  
Response: 3040242  
Conc: 17.76 ug/ml



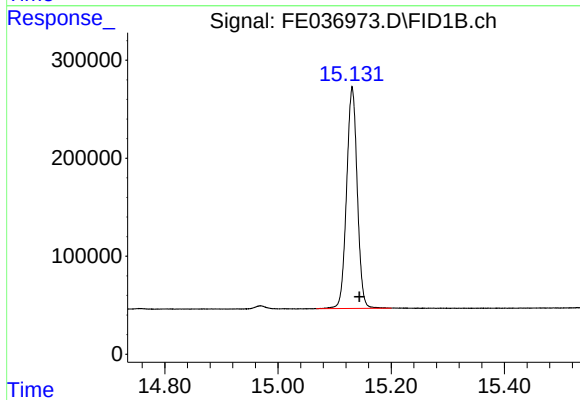
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min  
Delta R.T.: -0.013 min  
Response: 2685489  
Conc: 17.65 ug/ml



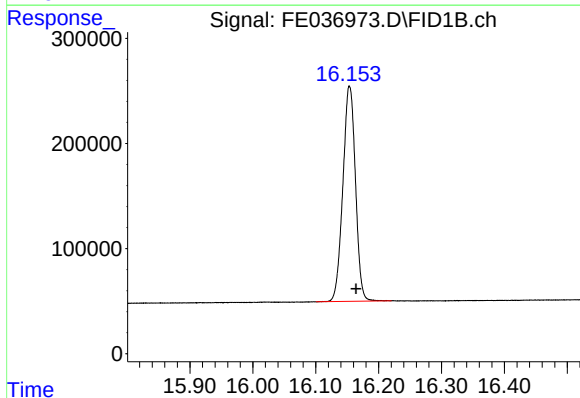
#13 n-Docosane (C22)

R.T.: 14.028 min  
Delta R.T.: -0.013 min  
Response: 2989465  
Conc: 17.51 ug/ml



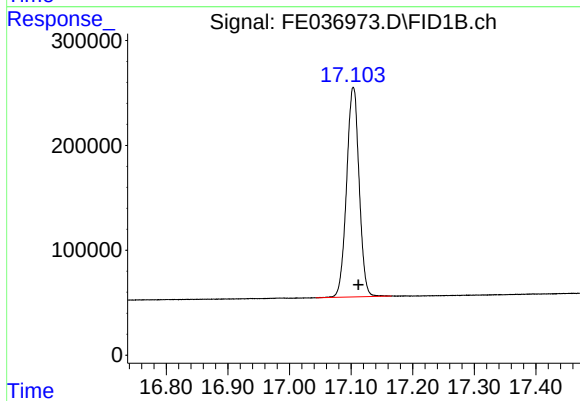
#14 n-Tetracosane (C24)

R.T.: 15.131 min  
Delta R.T.: -0.013 min  
Response: 2953379  
Conc: 17.33 ug/ml



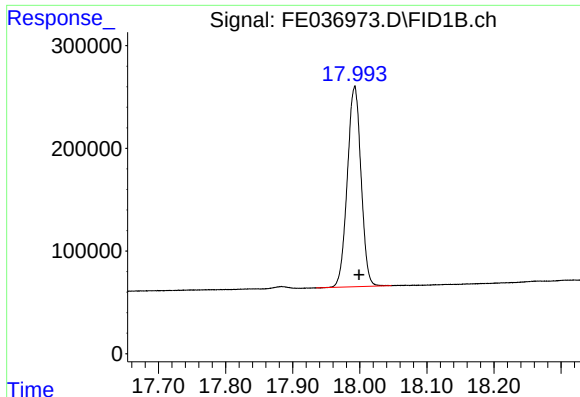
#15 n-Hexacosane (C26)

R.T.: 16.154 min  
Delta R.T.: -0.010 min  
Response: 2846283  
Conc: 17.02 ug/ml



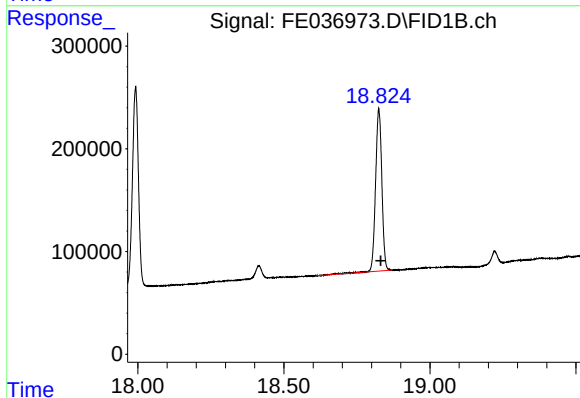
#16 n-Octacosane (C28)

R.T.: 17.104 min  
Delta R.T.: -0.008 min  
Response: 2830076  
Conc: 17.33 ug/ml



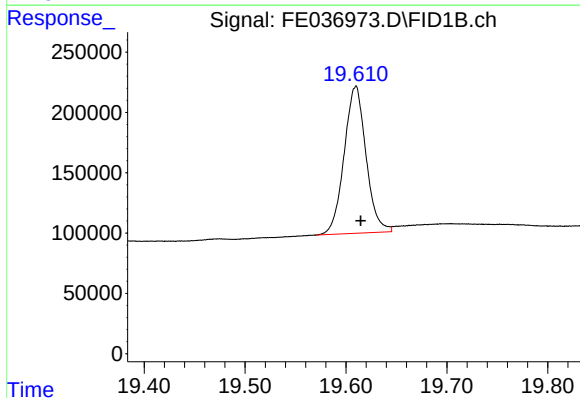
#17 n-Tricontane (C30)

R.T.: 17.992 min  
Delta R.T.: -0.006 min  
Response: 2772684  
Conc: 18.25 ug/ml



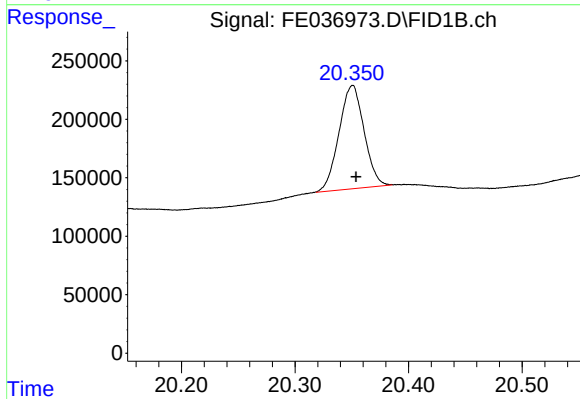
#18 n-Dotriacontane (C32)

R.T.: 18.825 min  
Delta R.T.: -0.007 min  
Response: 2367139  
Conc: 19.68 ug/ml



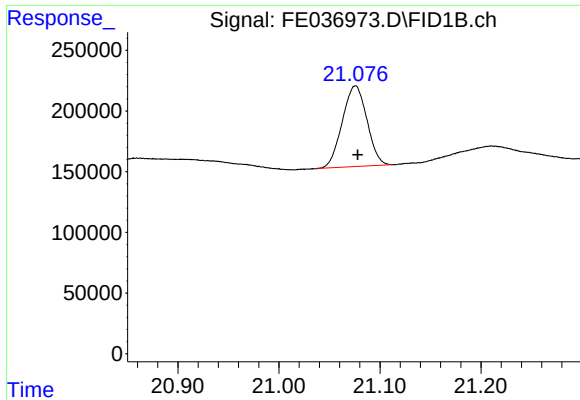
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min  
Delta R.T.: -0.005 min  
Response: 1839387  
Conc: 22.09 ug/ml m



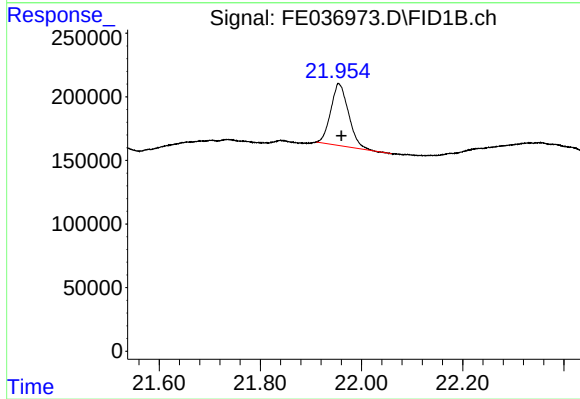
#20 n-Hexatriacontane (C36)

R.T.: 20.350 min  
Delta R.T.: -0.004 min  
Response: 1356245  
Conc: 23.10 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.076 min  
Delta R.T.: -0.002 min  
Response: 1127836  
Conc: 22.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.955 min  
Delta R.T.: -0.005 min  
Response: 1178177  
Conc: 22.81 ug/ml