

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062218AL\  
 Data File : FE027874.D  
 Signal(s) : FID1B.CH  
 Acq On : 23 Jun 2018 3:41  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 23 04:58:01 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 062218.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 22 14:14:03 2018  
 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)    | 12.174 | 4108078    | 21.022 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.04%        |
| 12) S 1-chlorooctadecane (S... | 13.633 | 3328262    | 20.096 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.19%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.777  | 3047942    | 20.839 ug/ml  |
| 2) T n-Decane (C10)            | 4.855  | 3111177    | 20.980 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 6.487  | 3519347    | 21.145 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.900  | 3270201    | 21.234 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 7.560  | 3628829    | 21.290 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.723  | 3528137    | 21.425 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.353 | 3762726    | 21.309 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.829 | 3915895    | 21.045 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.173 | 4013491    | 20.415 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.805 | 3994090    | 20.431 ug/ml  |
| 13) T n-Docosane (C22)         | 14.412 | 3988646    | 20.232 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.560 | 3896439    | 20.057 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.628 | 3775296    | 20.035 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.633 | 3706015    | 20.137 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.579 | 3542028    | 20.101 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.473 | 3441453    | 19.700 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 20.323 | 3337634    | 19.325 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 21.164 | 3266184    | 20.460 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 22.159 | 3389268    | 20.580 ug/mlm |
| 22) T n-Tetracontane (C40)     | 23.455 | 3363540    | 20.725 ug/mlm |
| -----                          |        |            |               |

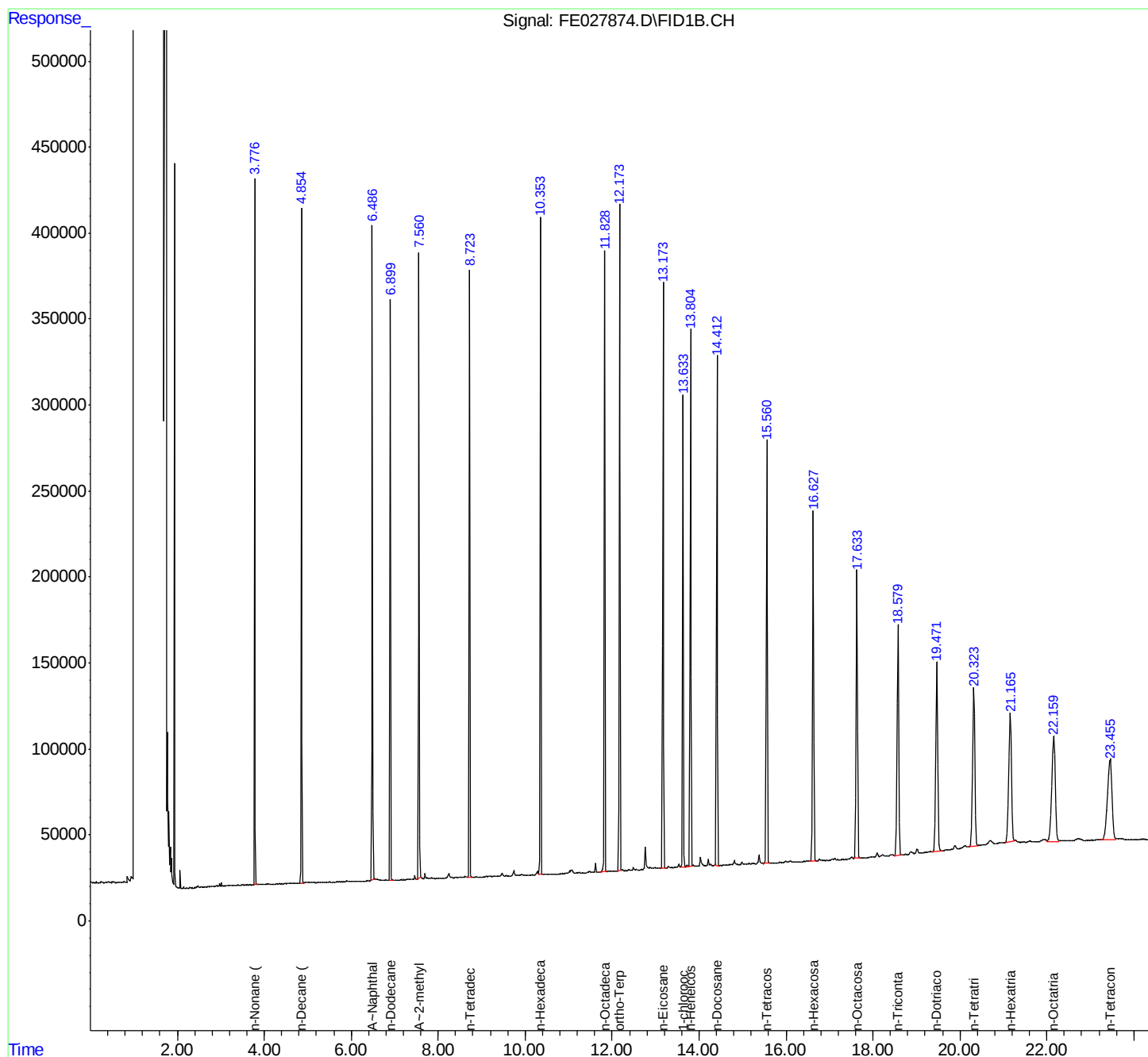
(f)=RT Delta > 1/2 Window

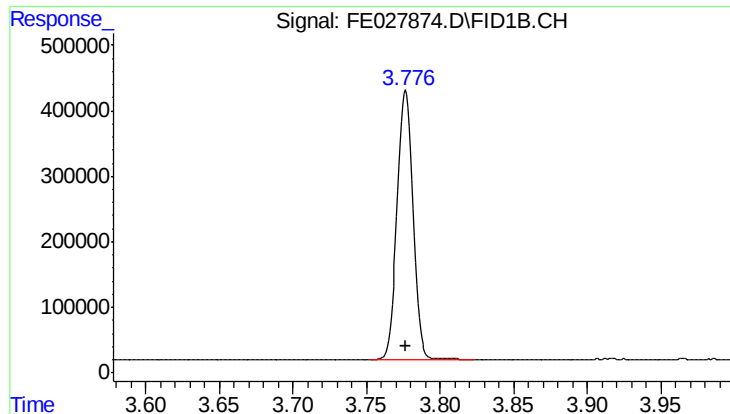
(m)=manual int.

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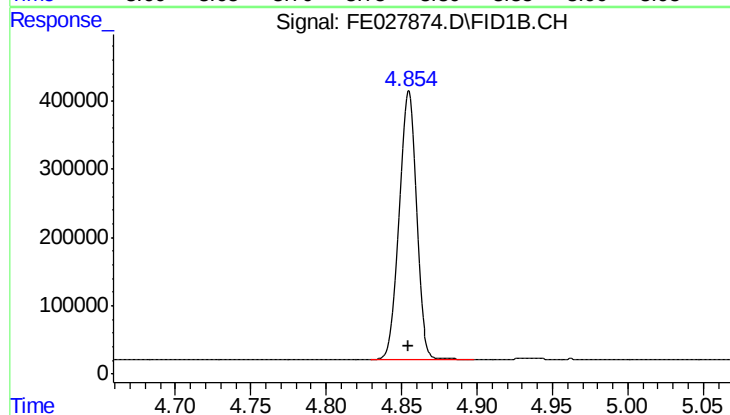
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





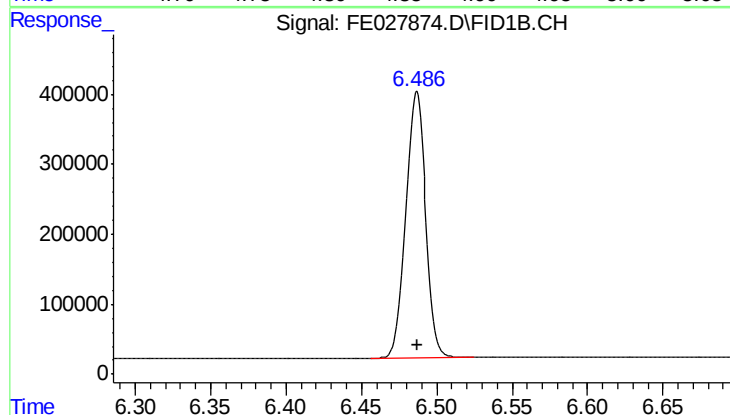
#1 n-Nonane (C9)

R.T.: 3.777 min  
Delta R.T.: 0.000 min  
Response: 3047942  
Conc: 20.84 ug/ml



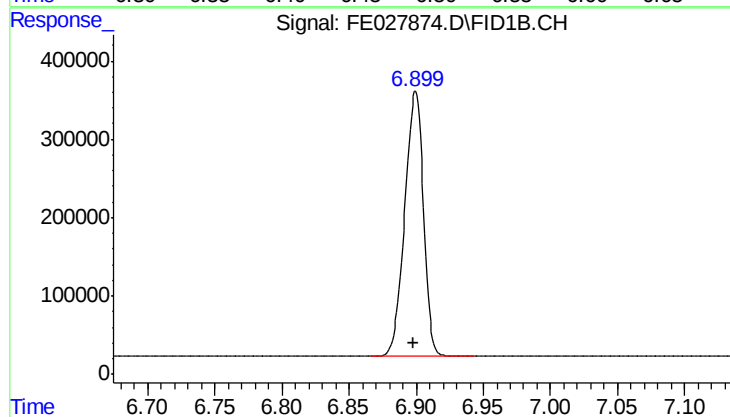
#2 n-Decane (C10)

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 3111177  
Conc: 20.98 ug/ml



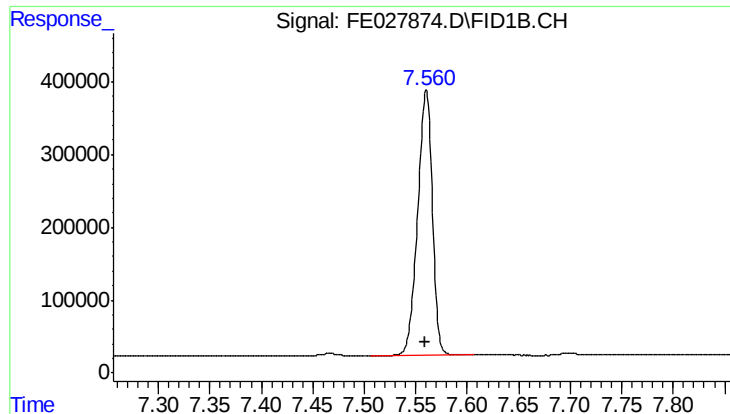
#3 A-Naphthalene (C11.7)

R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 3519347  
Conc: 21.15 ug/ml



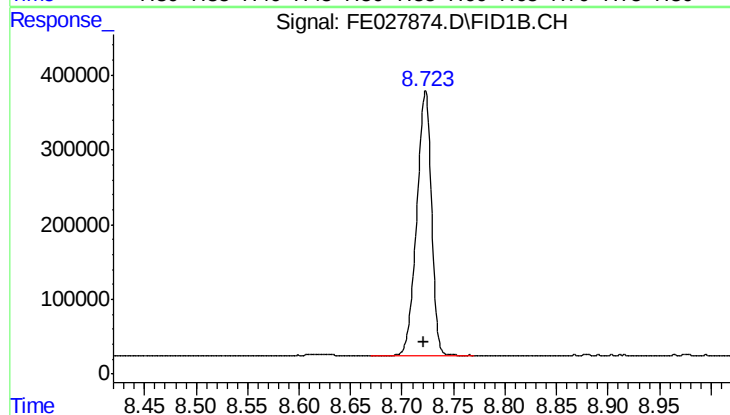
#4 n-Dodecane (C12)

R.T.: 6.900 min  
Delta R.T.: 0.001 min  
Response: 3270201  
Conc: 21.23 ug/ml



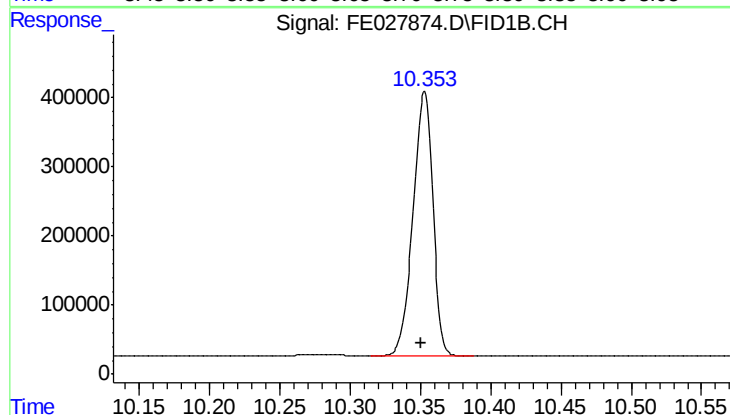
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.560 min  
Delta R.T.: 0.001 min  
Response: 3628829  
Conc: 21.29 ug/ml



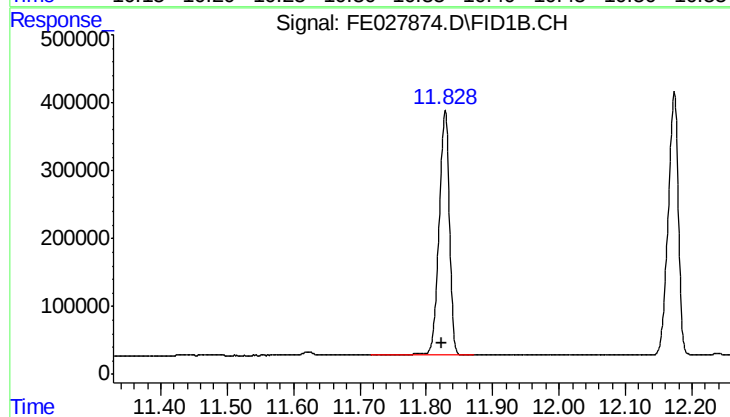
#6 n-Tetradecane (C14)

R.T.: 8.723 min  
Delta R.T.: 0.002 min  
Response: 3528137  
Conc: 21.42 ug/ml



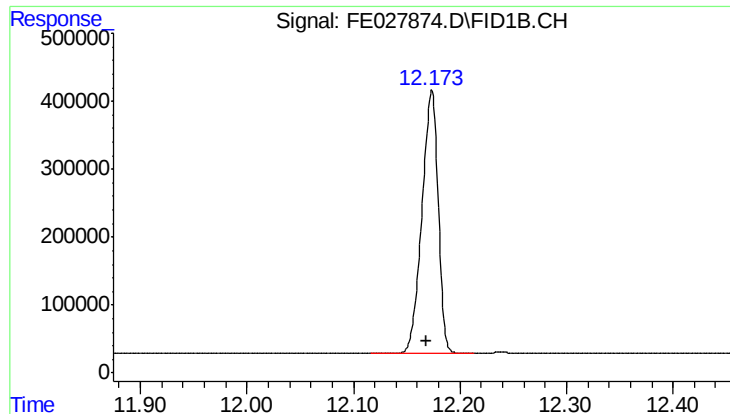
#7 n-Hexadecane (C16)

R.T.: 10.353 min  
Delta R.T.: 0.002 min  
Response: 3762726  
Conc: 21.31 ug/ml



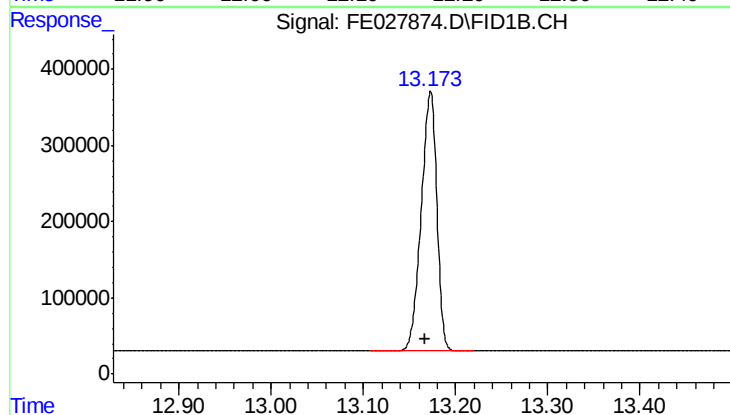
#8 n-Octadecane (C18)

R.T.: 11.829 min  
Delta R.T.: 0.005 min  
Response: 3915895  
Conc: 21.04 ug/ml



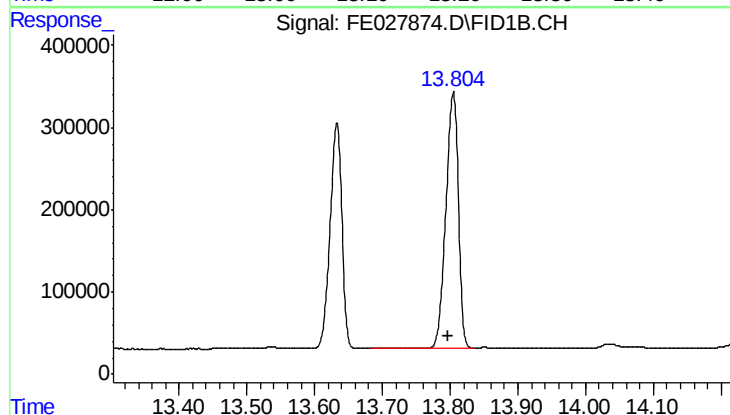
#9 ortho-Terphenyl (SURR)

R.T.: 12.174 min  
Delta R.T.: 0.005 min  
Response: 4108078  
Conc: 21.02 ug/ml



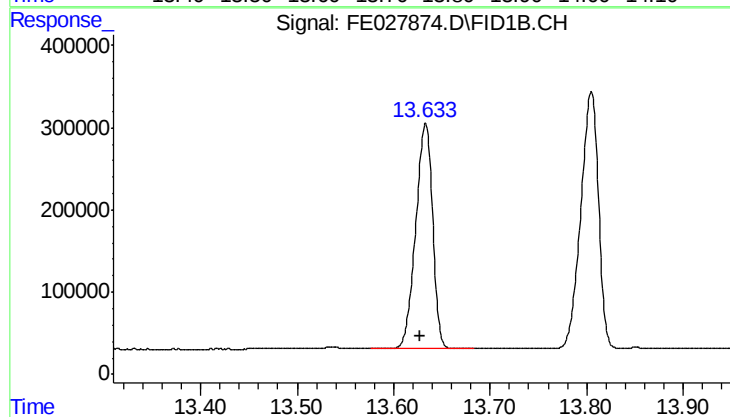
#10 n-Eicosane (C20)

R.T.: 13.173 min  
Delta R.T.: 0.006 min  
Response: 4013491  
Conc: 20.41 ug/ml



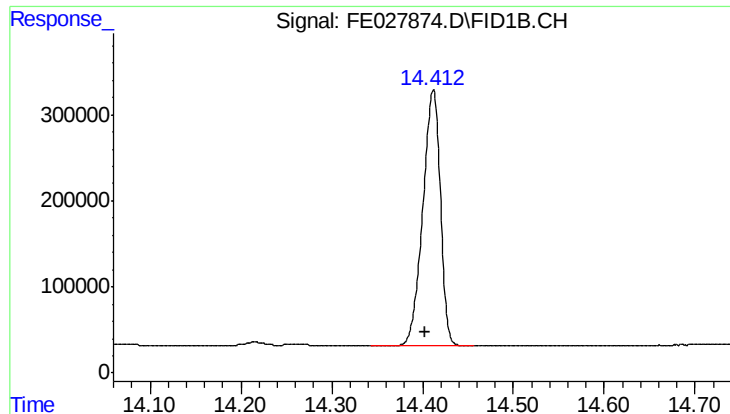
#11 n-Heneicosane (C21)

R.T.: 13.805 min  
Delta R.T.: 0.007 min  
Response: 3994090  
Conc: 20.43 ug/ml



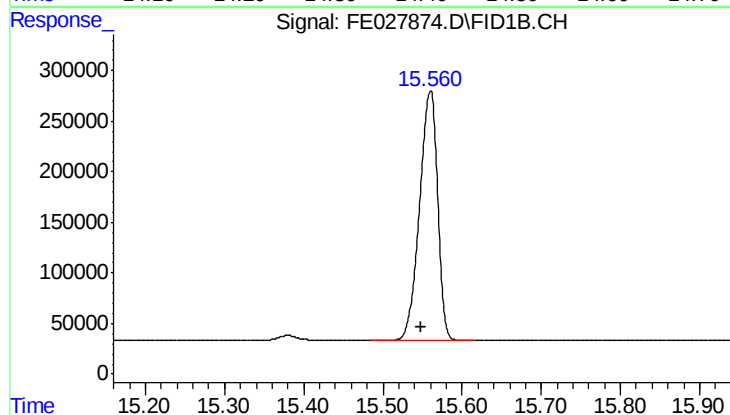
#12 1-chlorooctadecane (SURR)

R.T.: 13.633 min  
Delta R.T.: 0.005 min  
Response: 3328262  
Conc: 20.10 ug/ml



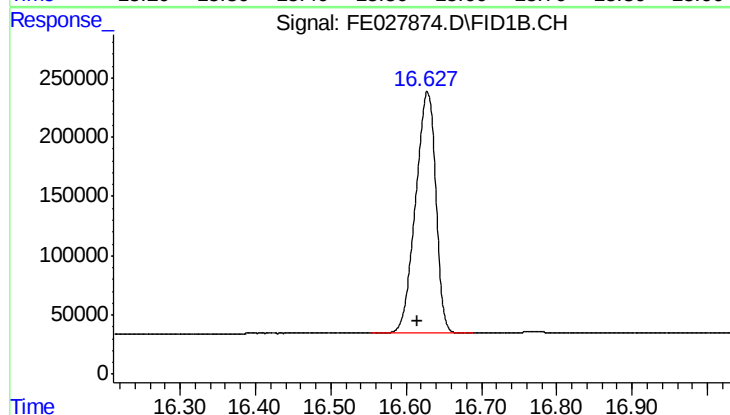
#13 n-Docosane (C22)

R.T.: 14.412 min  
Delta R.T.: 0.008 min  
Response: 3988646  
Conc: 20.23 ug/ml



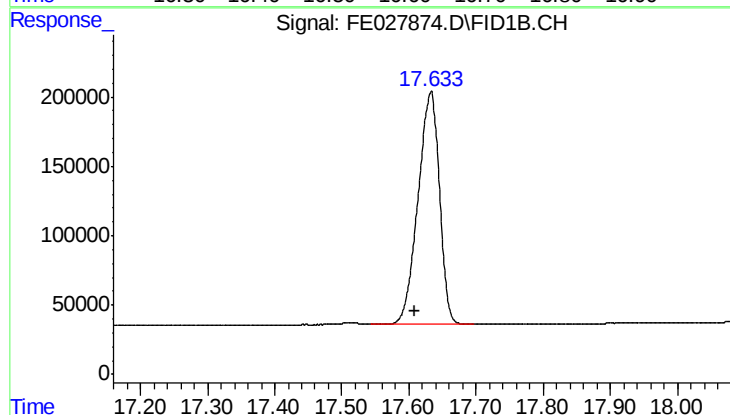
#14 n-Tetracosane (C24)

R.T.: 15.560 min  
Delta R.T.: 0.012 min  
Response: 3896439  
Conc: 20.06 ug/ml



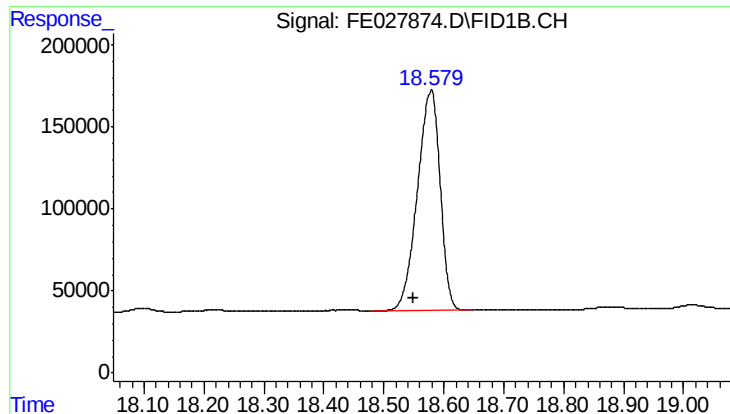
#15 n-Hexacosane (C26)

R.T.: 16.628 min  
Delta R.T.: 0.014 min  
Response: 3775296  
Conc: 20.03 ug/ml



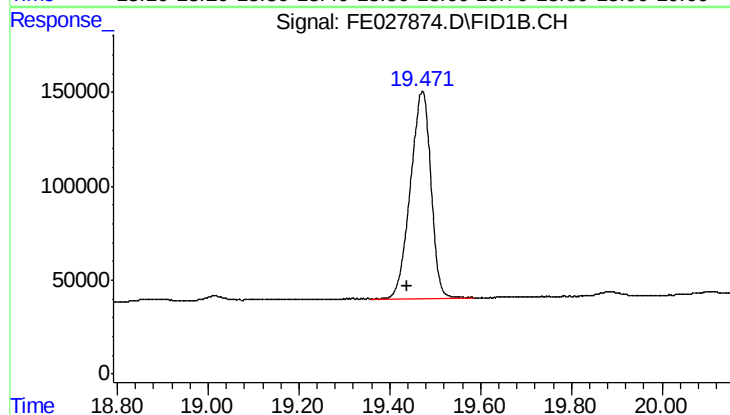
#16 n-Octacosane (C28)

R.T.: 17.633 min  
Delta R.T.: 0.023 min  
Response: 3706015  
Conc: 20.14 ug/ml



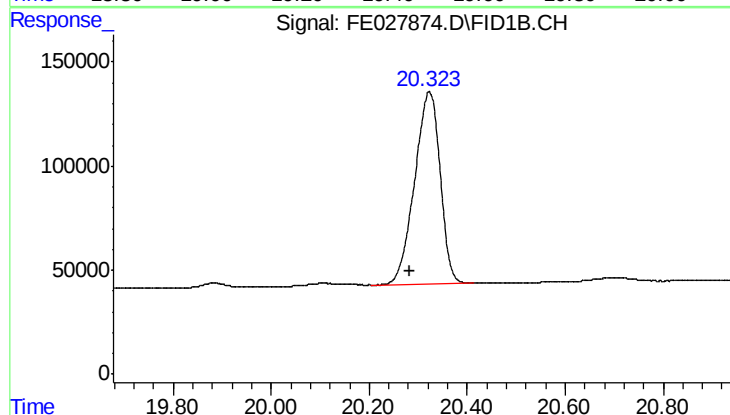
#17 n-Tricontane (C30)

R.T.: 18.579 min  
Delta R.T.: 0.030 min  
Response: 3542028  
Conc: 20.10 ug/ml



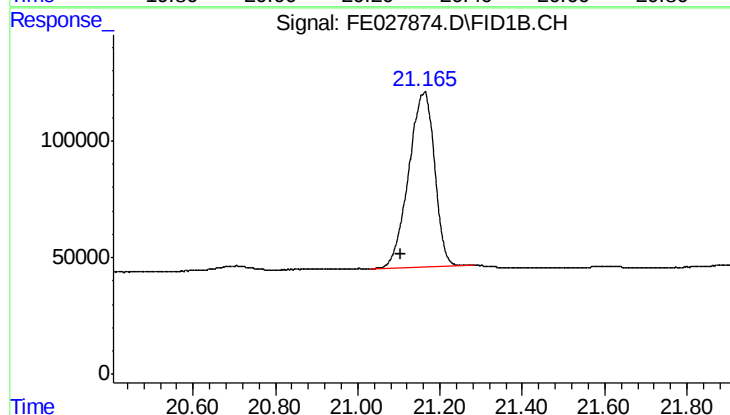
#18 n-Dotriacontane (C32)

R.T.: 19.473 min  
Delta R.T.: 0.033 min  
Response: 3441453  
Conc: 19.70 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 20.323 min  
Delta R.T.: 0.039 min  
Response: 3337634  
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 21.164 min  
Delta R.T.: 0.059 min  
Response: 3266184  
Conc: 20.46 ug/ml