

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070918AL\  
 Data File : FE028138.D  
 Signal(s) : FID1B.CH  
 Acq On : 09 Jul 2018 17:26  
 Operator : AJ\MA  
 Sample : AL SOIL IDOC 02  
 Misc : FOR SJ  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 10 08:32:58 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 062918.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Jun 29 22:35:33 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.376 | 8936592    | 44.960 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 89.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.641  | 9614198    | 51.605 ug/ml |
| 2) T n-Decane (C10)            | 4.713  | 10044788   | 53.321 ug/ml |
| 4) T n-Dodecane (C12)          | 6.741  | 10824082   | 55.632 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.549  | 11574518   | 56.243 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.161 | 11874547   | 54.593 ug/ml |
| 8) T n-Octadecane (C18)        | 11.610 | 11506960   | 50.578 ug/ml |
| 10) T n-Eicosane (C20)         | 12.926 | 10973905   | 46.318 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.542 | 10922721   | 46.316 ug/ml |
| 13) T n-Docosane (C22)         | 14.130 | 10760449   | 45.448 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.239 | 10253546   | 44.370 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.264 | 9972525    | 44.854 ug/ml |
| 16) T n-Octacosane (C28)       | 17.217 | 9837476    | 45.817 ug/ml |
| 17) T n-Tricontane (C30)       | 18.107 | 9584576    | 48.296 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.943 | 9583947    | 52.336 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.729 | 9130261    | 53.417 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.473 | 8465414    | 51.537 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.296 | 7821962    | 47.532 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.345 | 7926241    | 47.737 ug/ml |
| -----                          |        |            |              |

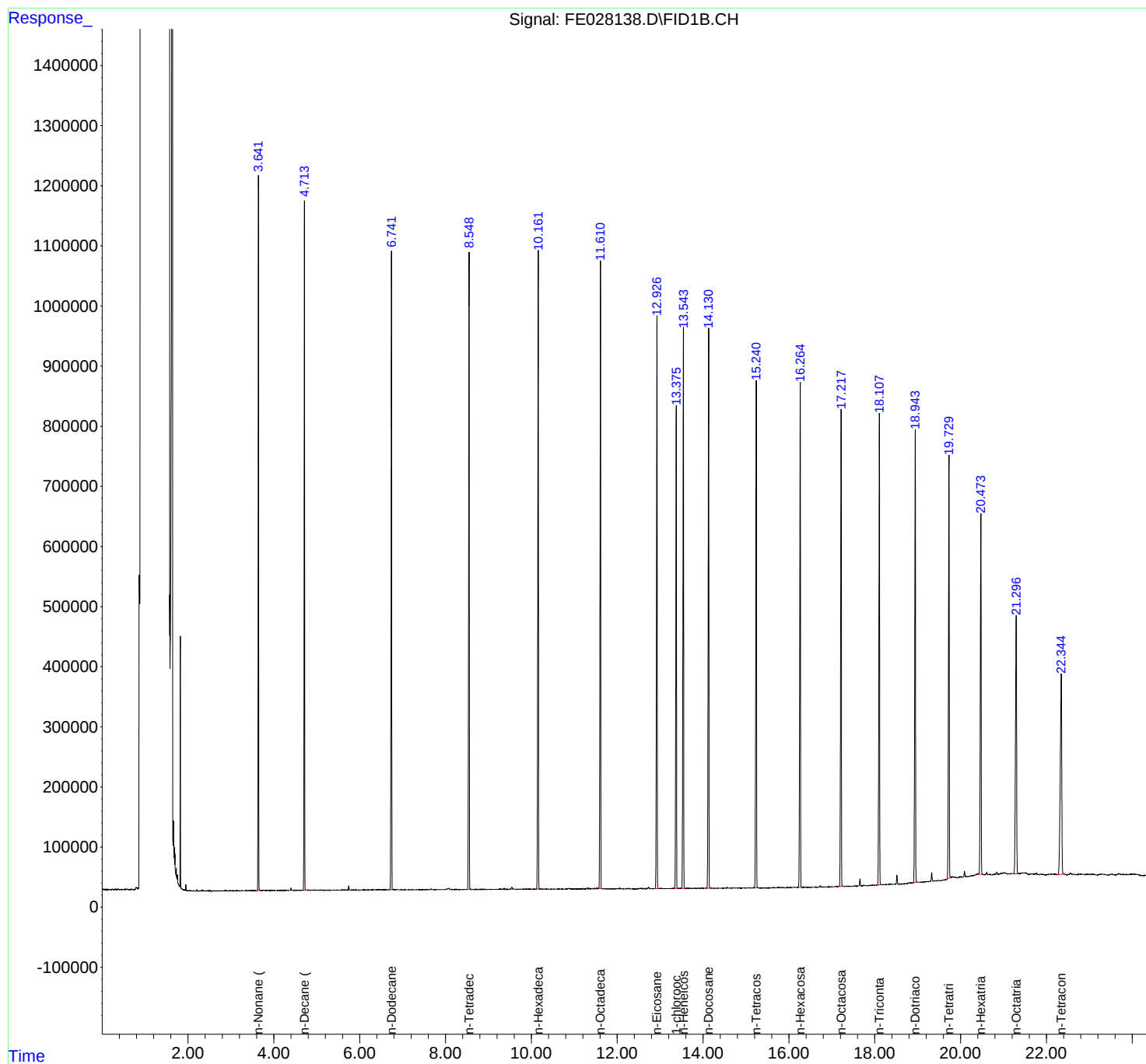
(f)=RT Delta > 1/2 Window

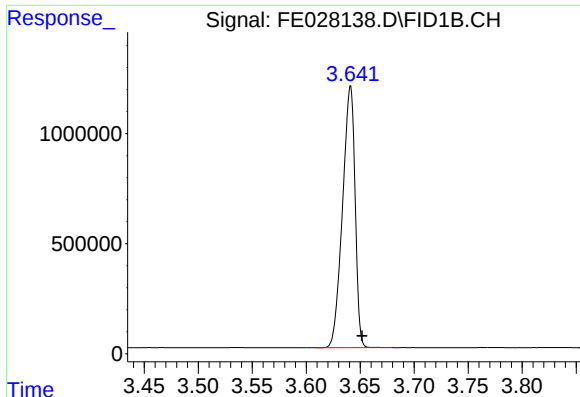
(m)=manual int.

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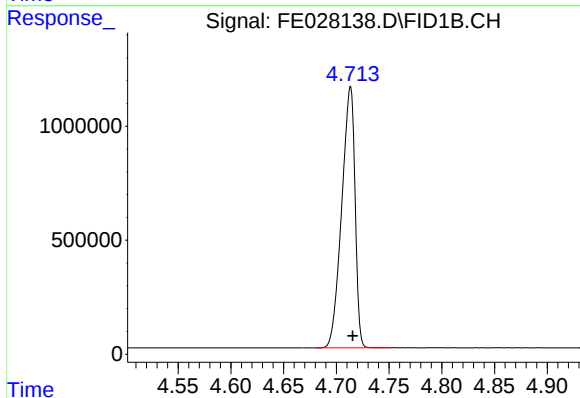
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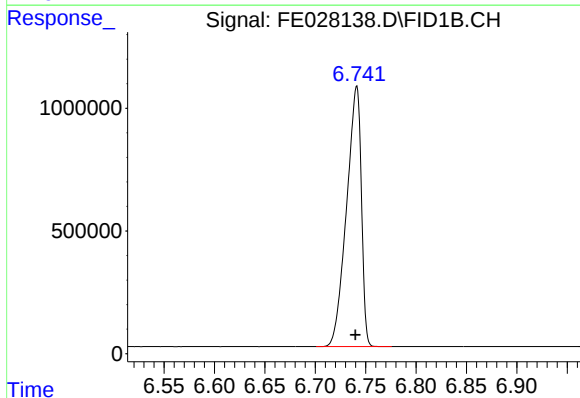
#1 n-Nonane (C9)

R.T.: 3.641 min  
Delta R.T.: -0.011 min  
Response: 9614198  
Conc: 51.60 ug/ml



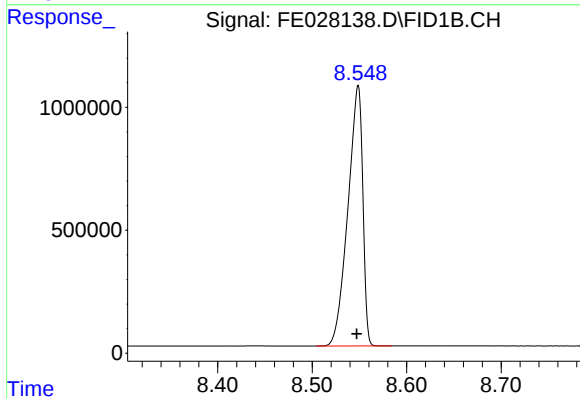
#2 n-Decane (C10)

R.T.: 4.713 min  
Delta R.T.: -0.002 min  
Response: 10044788  
Conc: 53.32 ug/ml



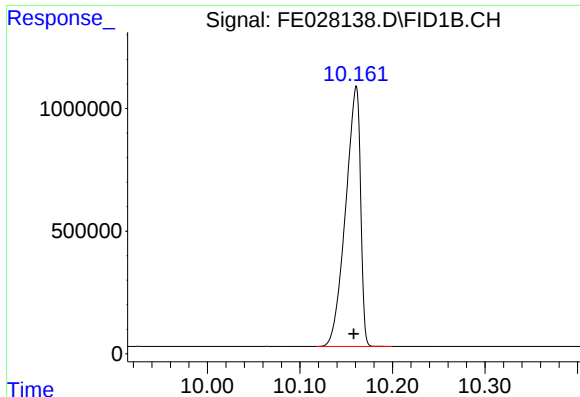
#4 n-Dodecane (C12)

R.T.: 6.741 min  
Delta R.T.: 0.001 min  
Response: 10824082  
Conc: 55.63 ug/ml



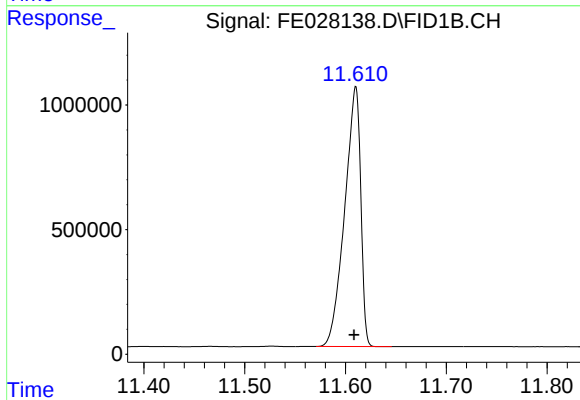
#6 n-Tetradecane (C14)

R.T.: 8.549 min  
Delta R.T.: 0.002 min  
Response: 11574518  
Conc: 56.24 ug/ml



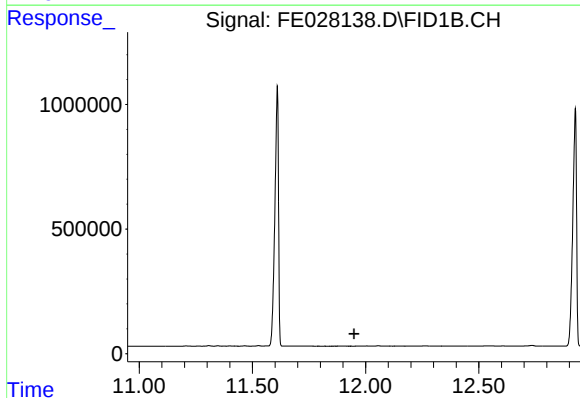
#7 n-Hexadecane (C16)

R.T.: 10.161 min  
Delta R.T.: 0.002 min  
Response: 11874547  
Conc: 54.59 ug/ml



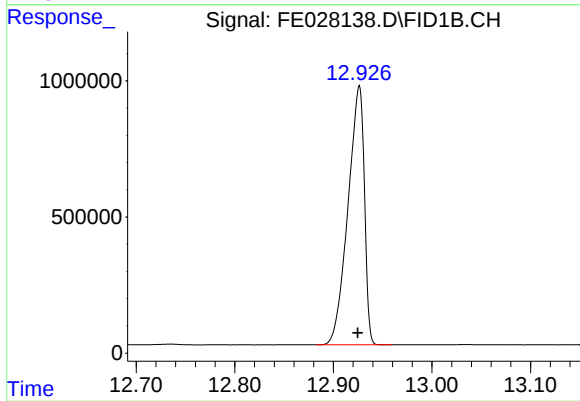
#8 n-Octadecane (C18)

R.T.: 11.610 min  
Delta R.T.: 0.002 min  
Response: 11506960  
Conc: 50.58 ug/ml



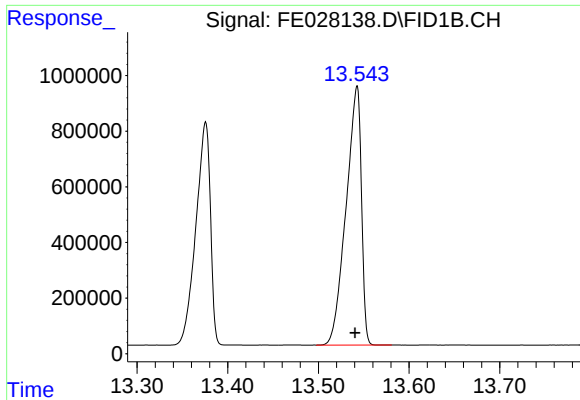
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.949 min  
Response: 0  
Conc: N.D.



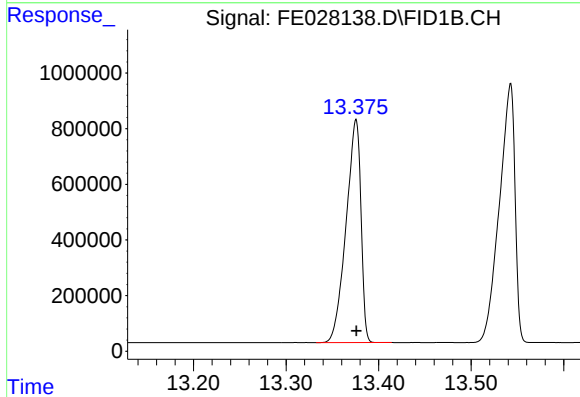
#10 n-Eicosane (C20)

R.T.: 12.926 min  
Delta R.T.: 0.001 min  
Response: 10973905  
Conc: 46.32 ug/ml



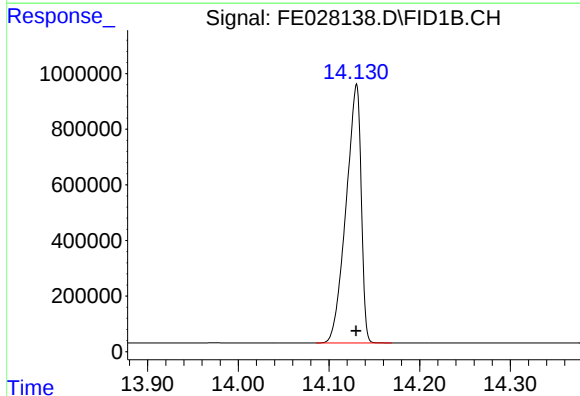
#11 n-Heneicosane (C21)

R.T.: 13.542 min  
Delta R.T.: 0.002 min  
Response: 10922721  
Conc: 46.32 ug/ml



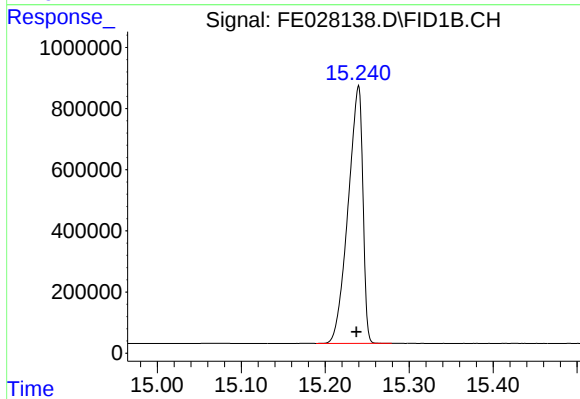
#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min  
Delta R.T.: 0.000 min  
Response: 8936592  
Conc: 44.96 ug/ml



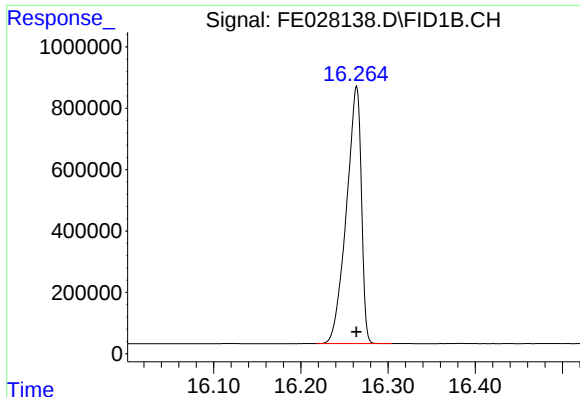
#13 n-Docosane (C22)

R.T.: 14.130 min  
Delta R.T.: 0.000 min  
Response: 10760449  
Conc: 45.45 ug/ml



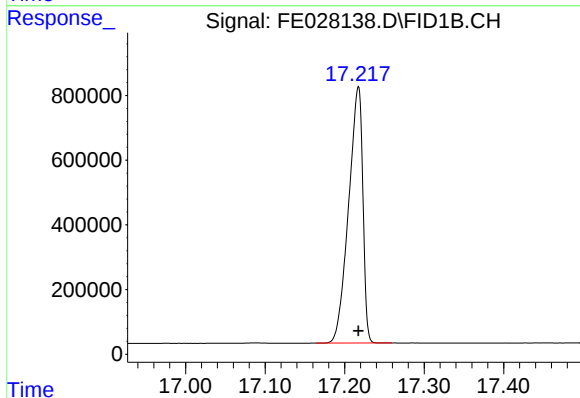
#14 n-Tetracosane (C24)

R.T.: 15.239 min  
Delta R.T.: 0.002 min  
Response: 10253546  
Conc: 44.37 ug/ml



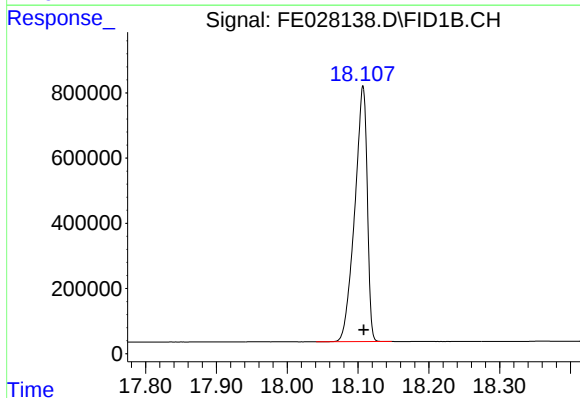
#15 n-Hexacosane (C26)

R.T.: 16.264 min  
Delta R.T.: 0.000 min  
Response: 9972525  
Conc: 44.85 ug/ml



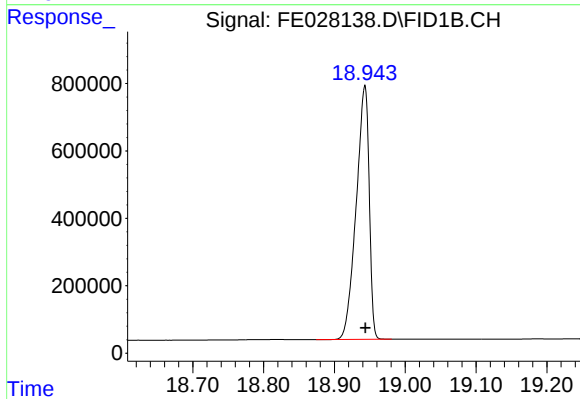
#16 n-Octacosane (C28)

R.T.: 17.217 min  
Delta R.T.: 0.000 min  
Response: 9837476  
Conc: 45.82 ug/ml



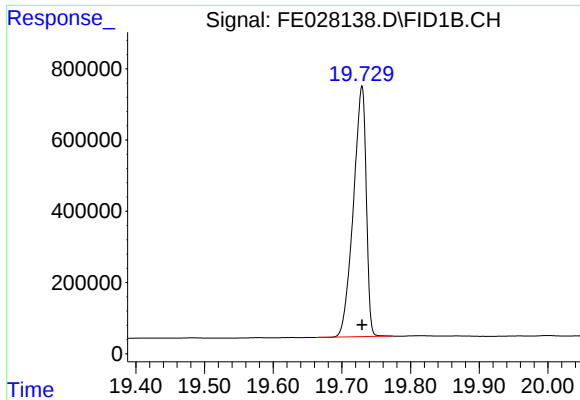
#17 n-Tricontane (C30)

R.T.: 18.107 min  
Delta R.T.: -0.001 min  
Response: 9584576  
Conc: 48.30 ug/ml



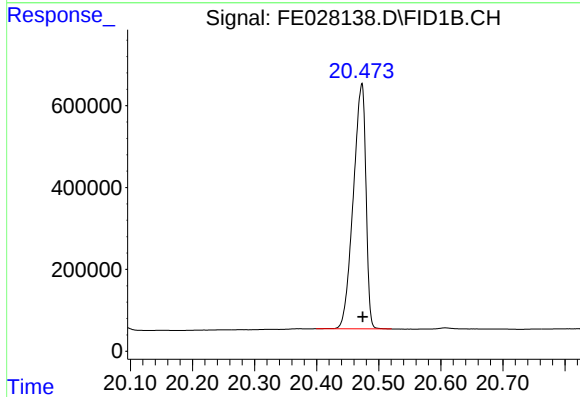
#18 n-Dotriacontane (C32)

R.T.: 18.943 min  
Delta R.T.: 0.000 min  
Response: 9583947  
Conc: 52.34 ug/ml



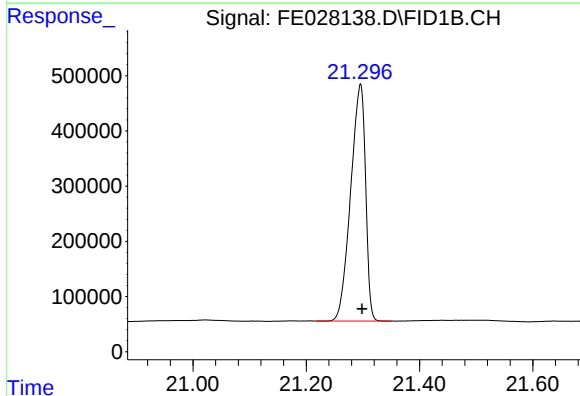
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min  
Delta R.T.: 0.000 min  
Response: 9130261  
Conc: 53.42 ug/ml



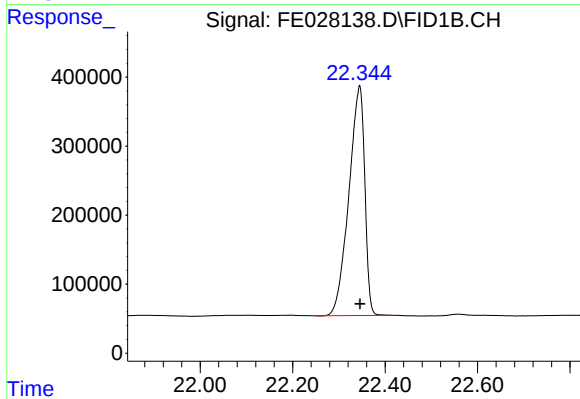
#20 n-Hexatriacontane (C36)

R.T.: 20.473 min  
Delta R.T.: -0.001 min  
Response: 8465414  
Conc: 51.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.296 min  
Delta R.T.: -0.003 min  
Response: 7821962  
Conc: 47.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.345 min  
Delta R.T.: 0.000 min  
Response: 7926241  
Conc: 47.74 ug/ml