

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071722AL\  
 Data File : FE036534.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Jul 2022 00:15  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 18 01:37:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 18 01:36:11 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)    | 11.846 | 1020417    | 5.457 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.91%       |
| 12) S 1-chlorooctadecane (S... | 13.286 | 827222     | 5.393 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.79%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.240  | 848804     | 5.525 ug/ml  |
| 2) T n-Decane (C10)            | 4.494  | 842399     | 5.467 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.194  | 916007     | 5.336 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.661  | 852411     | 5.416 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.289  | 908972     | 5.253 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.488  | 900818     | 5.527 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.094 | 897090     | 5.424 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.535 | 931897     | 5.455 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.842 | 936661     | 5.474 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.455 | 939703     | 5.453 ug/ml  |
| 13) T n-Docosane (C22)         | 14.040 | 937903     | 5.453 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.141 | 934766     | 5.429 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.163 | 914166     | 5.407 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.112 | 892497     | 5.399 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.999 | 837177     | 5.454 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.832 | 671184     | 5.550 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.614 | 460924     | 5.517 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.354 | 321878     | 5.531 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.080 | 275105     | 5.500 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.966 | 293006     | 5.792 ug/ml  |
| -----                          |        |            |              |

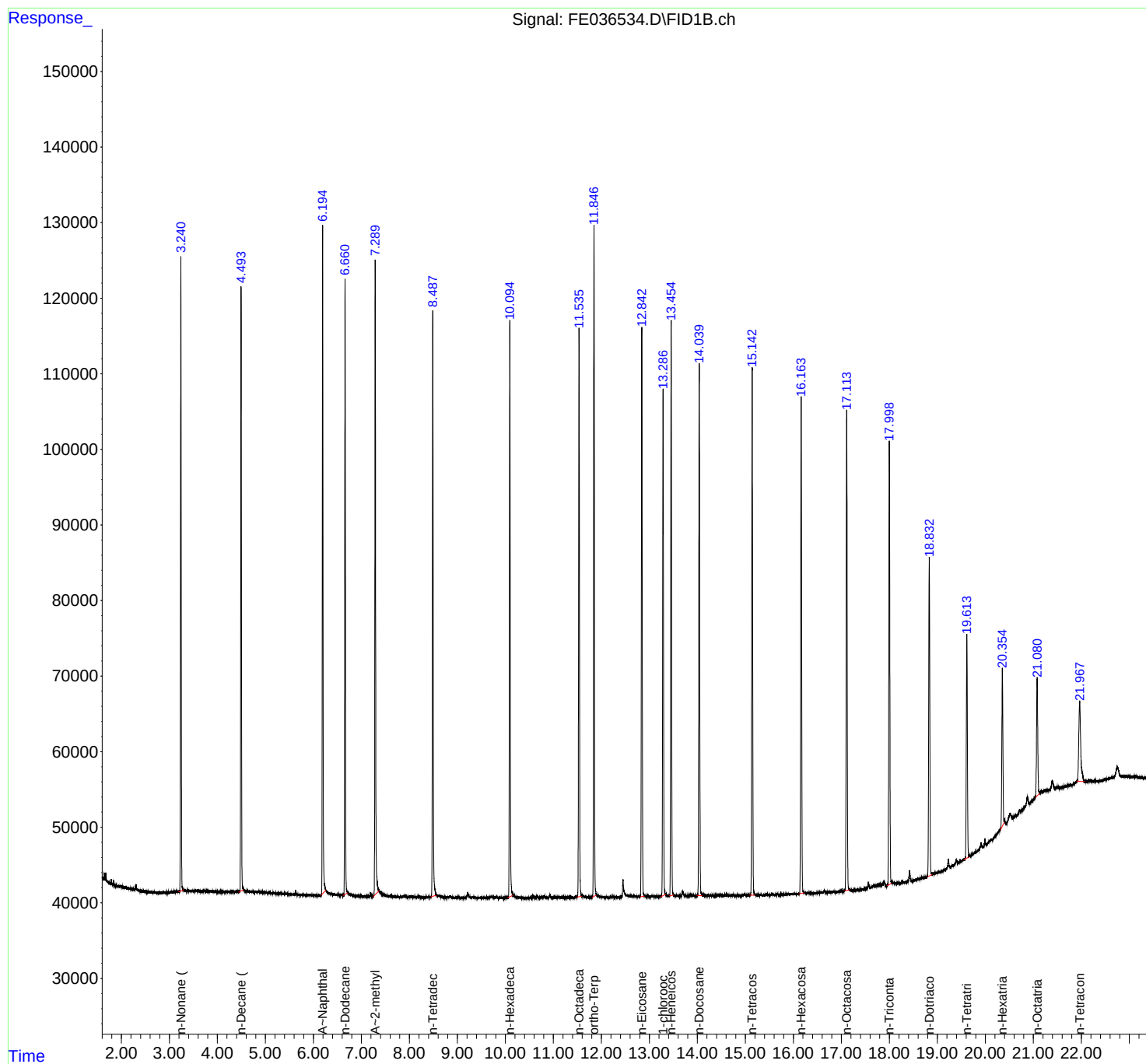
(f)=RT Delta > 1/2 Window

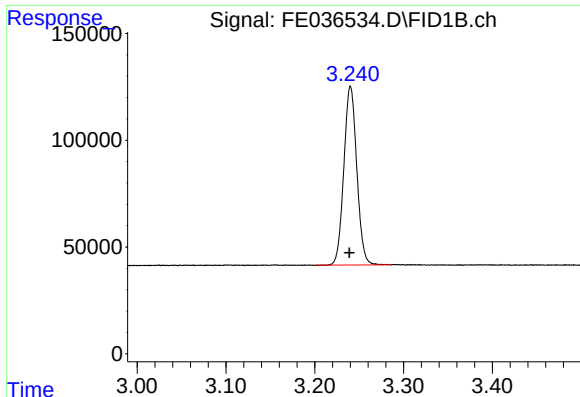
(m)=manual int.

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

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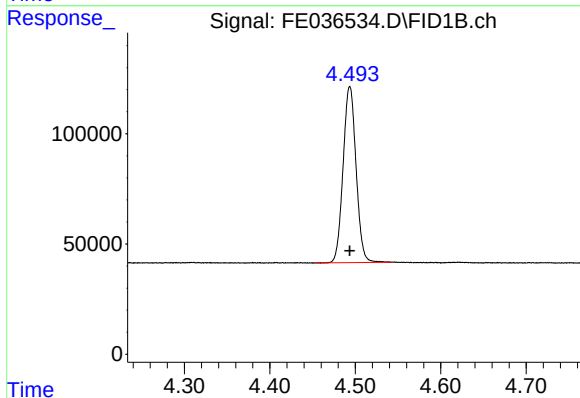
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





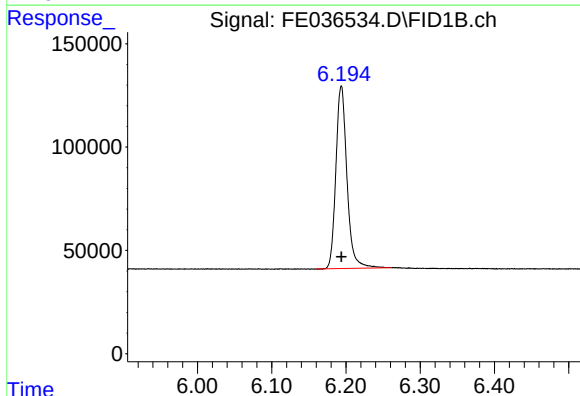
#1 n-Nonane (C9)

R.T.: 3.240 min  
Delta R.T.: 0.001 min  
Response: 848804  
Conc: 5.52 ug/ml



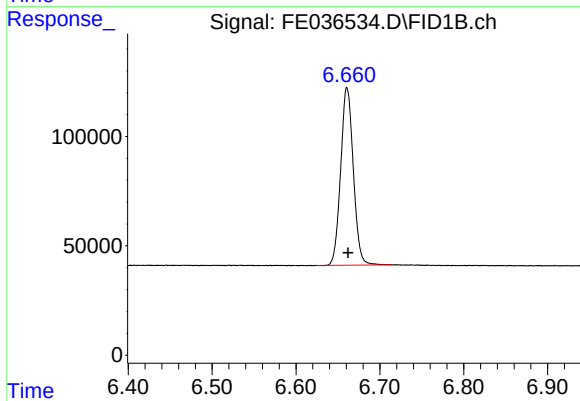
#2 n-Decane (C10)

R.T.: 4.494 min  
Delta R.T.: 0.000 min  
Response: 842399  
Conc: 5.47 ug/ml



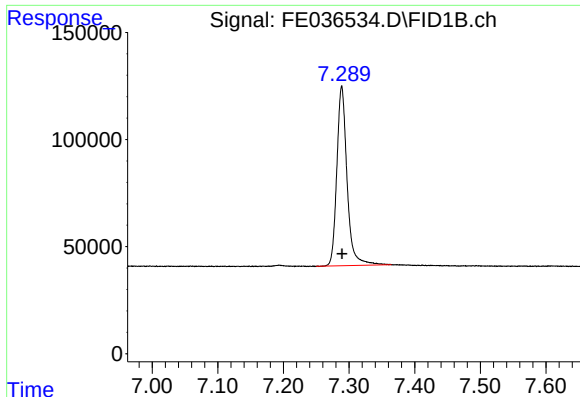
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 916007  
Conc: 5.34 ug/ml



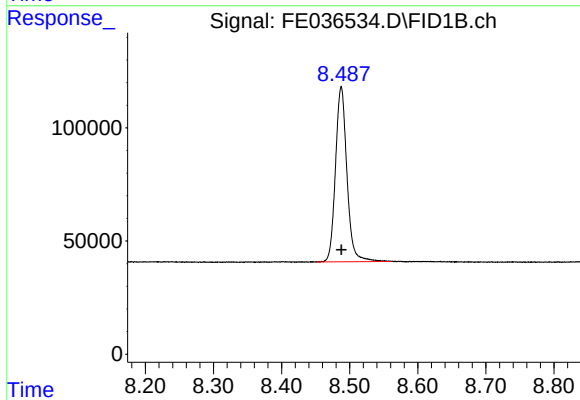
#4 n-Dodecane (C12)

R.T.: 6.661 min  
Delta R.T.: -0.001 min  
Response: 852411  
Conc: 5.42 ug/ml



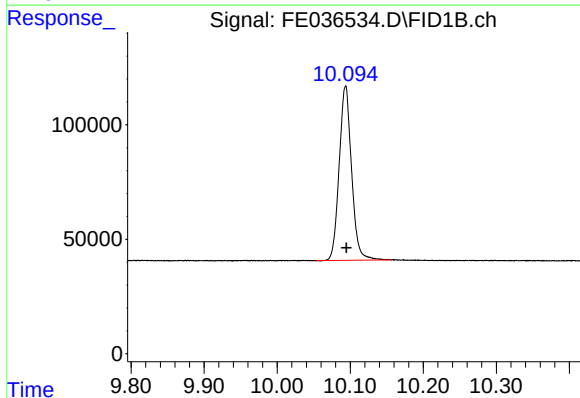
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.289 min  
Delta R.T.: 0.000 min  
Response: 908972  
Conc: 5.25 ug/ml



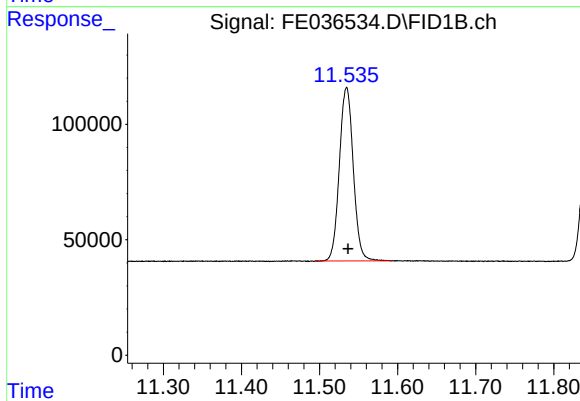
#6 n-Tetradecane (C14)

R.T.: 8.488 min  
Delta R.T.: 0.000 min  
Response: 900818  
Conc: 5.53 ug/ml



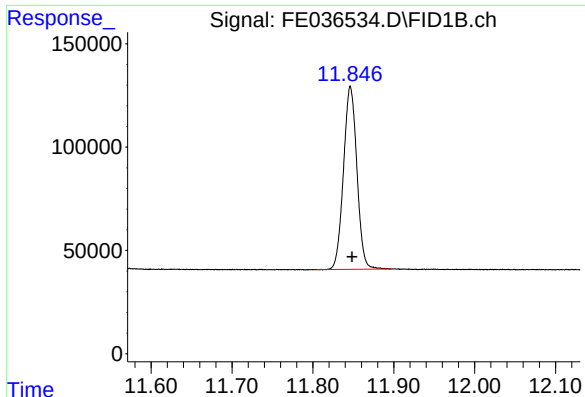
#7 n-Hexadecane (C16)

R.T.: 10.094 min  
Delta R.T.: -0.001 min  
Response: 897090  
Conc: 5.42 ug/ml



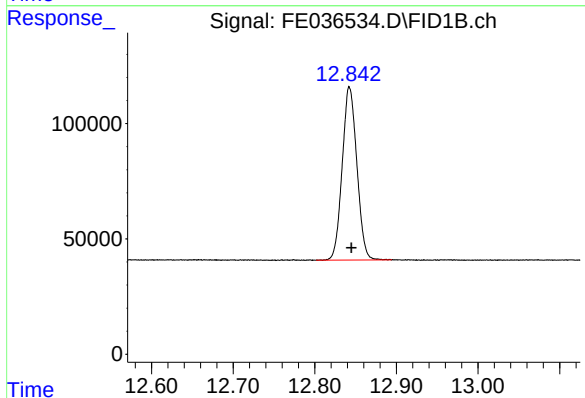
#8 n-Octadecane (C18)

R.T.: 11.535 min  
Delta R.T.: -0.002 min  
Response: 931897  
Conc: 5.45 ug/ml



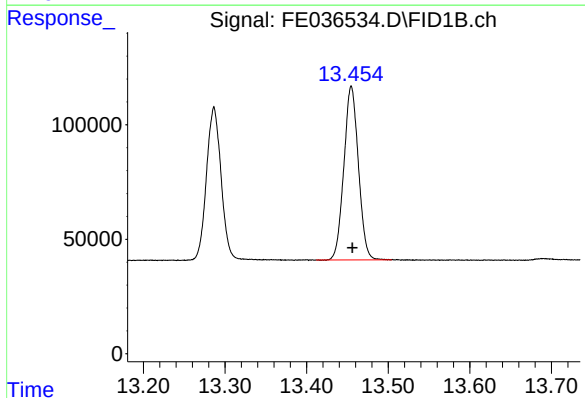
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min  
Delta R.T.: -0.002 min  
Response: 1020417  
Conc: 5.46 ug/ml



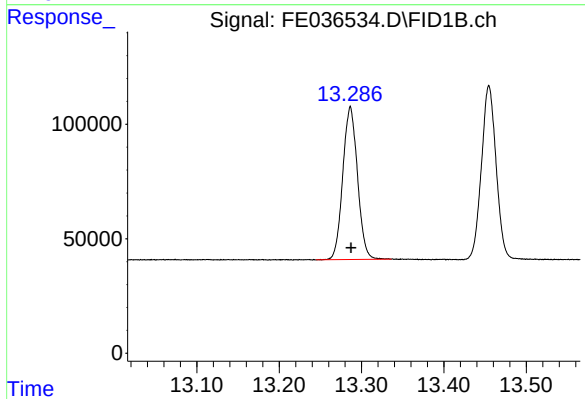
#10 n-Eicosane (C20)

R.T.: 12.842 min  
Delta R.T.: -0.002 min  
Response: 936661  
Conc: 5.47 ug/ml



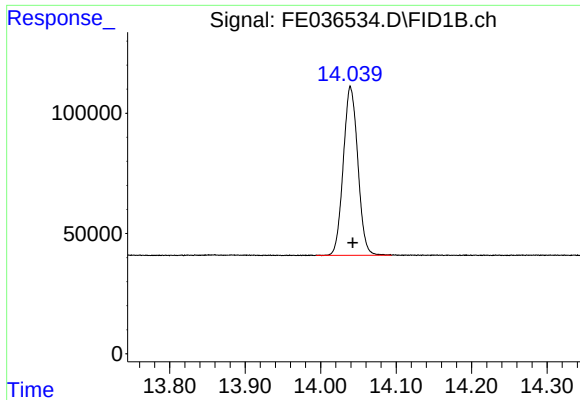
#11 n-Heneicosane (C21)

R.T.: 13.455 min  
Delta R.T.: -0.001 min  
Response: 939703  
Conc: 5.45 ug/ml



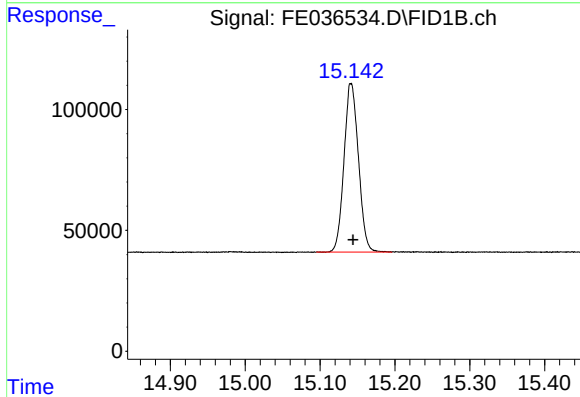
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min  
Delta R.T.: 0.000 min  
Response: 827222  
Conc: 5.39 ug/ml



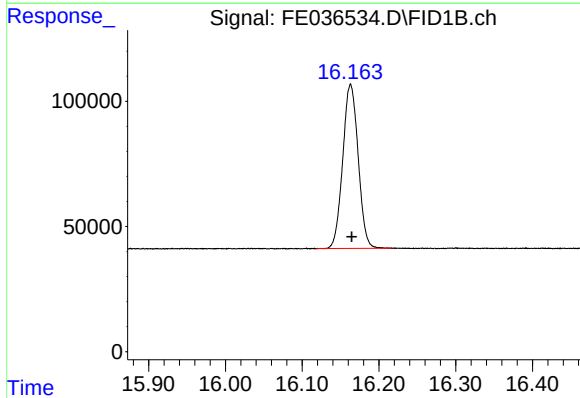
#13 n-Docosane (C22)

R.T.: 14.040 min  
Delta R.T.: -0.003 min  
Response: 937903  
Conc: 5.45 ug/ml



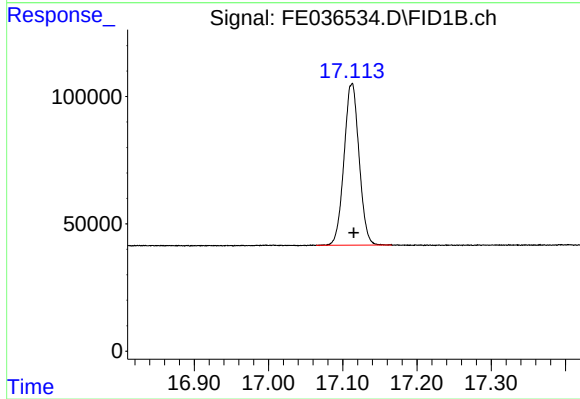
#14 n-Tetracosane (C24)

R.T.: 15.141 min  
Delta R.T.: -0.003 min  
Response: 934766  
Conc: 5.43 ug/ml



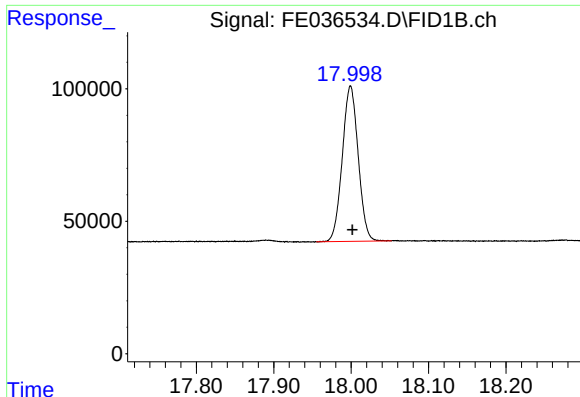
#15 n-Hexacosane (C26)

R.T.: 16.163 min  
Delta R.T.: -0.002 min  
Response: 914166  
Conc: 5.41 ug/ml



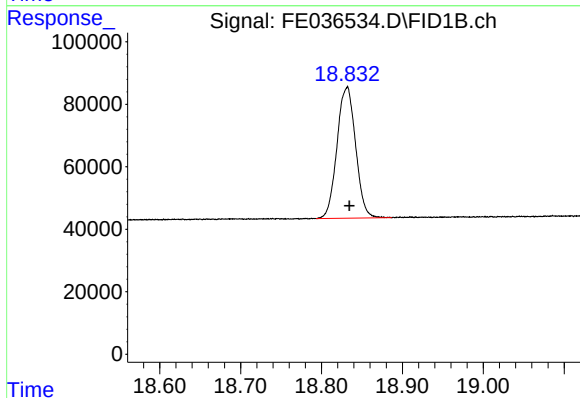
#16 n-Octacosane (C28)

R.T.: 17.112 min  
Delta R.T.: -0.003 min  
Response: 892497  
Conc: 5.40 ug/ml



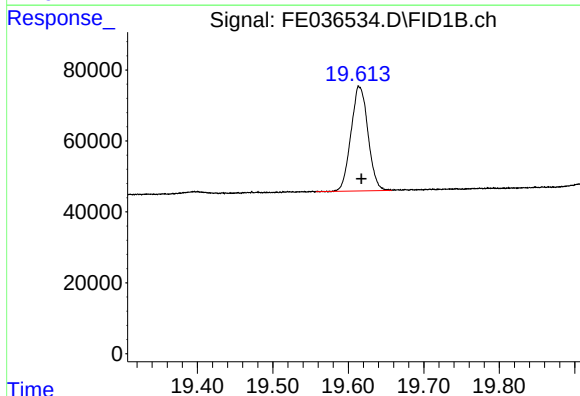
#17 n-Tricontane (C30)

R.T.: 17.999 min  
Delta R.T.: -0.003 min  
Response: 837177  
Conc: 5.45 ug/ml



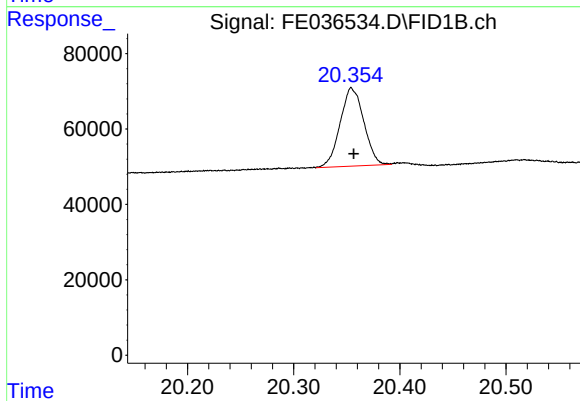
#18 n-Dotriacontane (C32)

R.T.: 18.832 min  
Delta R.T.: -0.003 min  
Response: 671184  
Conc: 5.55 ug/ml



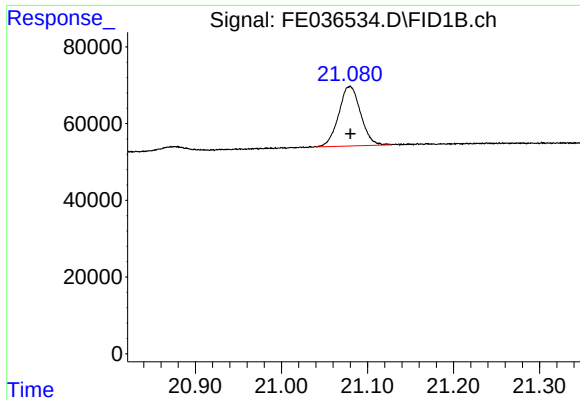
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min  
Delta R.T.: -0.003 min  
Response: 460924  
Conc: 5.52 ug/ml



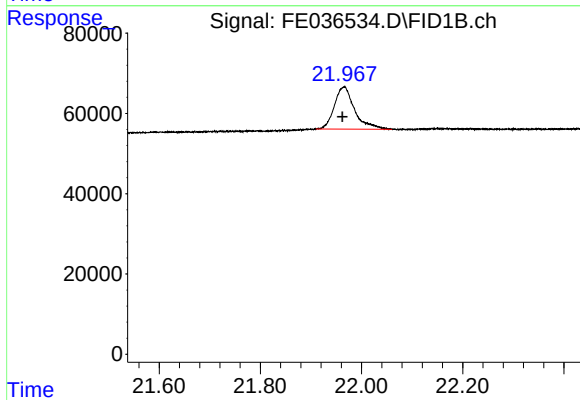
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min  
Delta R.T.: -0.003 min  
Response: 321878  
Conc: 5.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.080 min  
Delta R.T.: 0.000 min  
Response: 275105  
Conc: 5.50 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.966 min  
Delta R.T.: 0.004 min  
Response: 293006  
Conc: 5.79 ug/ml