

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101022AL\  
 Data File : FE038042.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Oct 2022 18:55  
 Operator : YP\AJ  
 Sample : N4955-02  
 Misc : 5 PPM SOIL LOQ  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 11 06:52:08 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 28 06:23:29 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.021 | 3299094    | 24.408 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 48.82%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.003  | 320369     | 2.175 ug/mlm |
| 2) T n-Decane (C10)            | 4.259  | 375820     | 2.542 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.428  | 508343     | 3.336 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.246  | 555341     | 3.628 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.843  | 543996     | 3.483 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.276 | 590304     | 3.680 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.577 | 598803     | 3.672 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.185 | 600173     | 3.643 ug/ml  |
| 13) T n-Docosane (C22)         | 13.768 | 591623     | 3.594 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.864 | 576016     | 3.512 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.877 | 547782     | 3.359 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.822 | 530863     | 3.314 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.704 | 537315     | 3.358 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.532 | 532207     | 3.380 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.312 | 495591     | 3.345 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.048 | 450708     | 3.126 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.745 | 422219     | 3.111 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.510 | 489213     | 3.843 ug/mlm |
| -----                          |        |            |              |

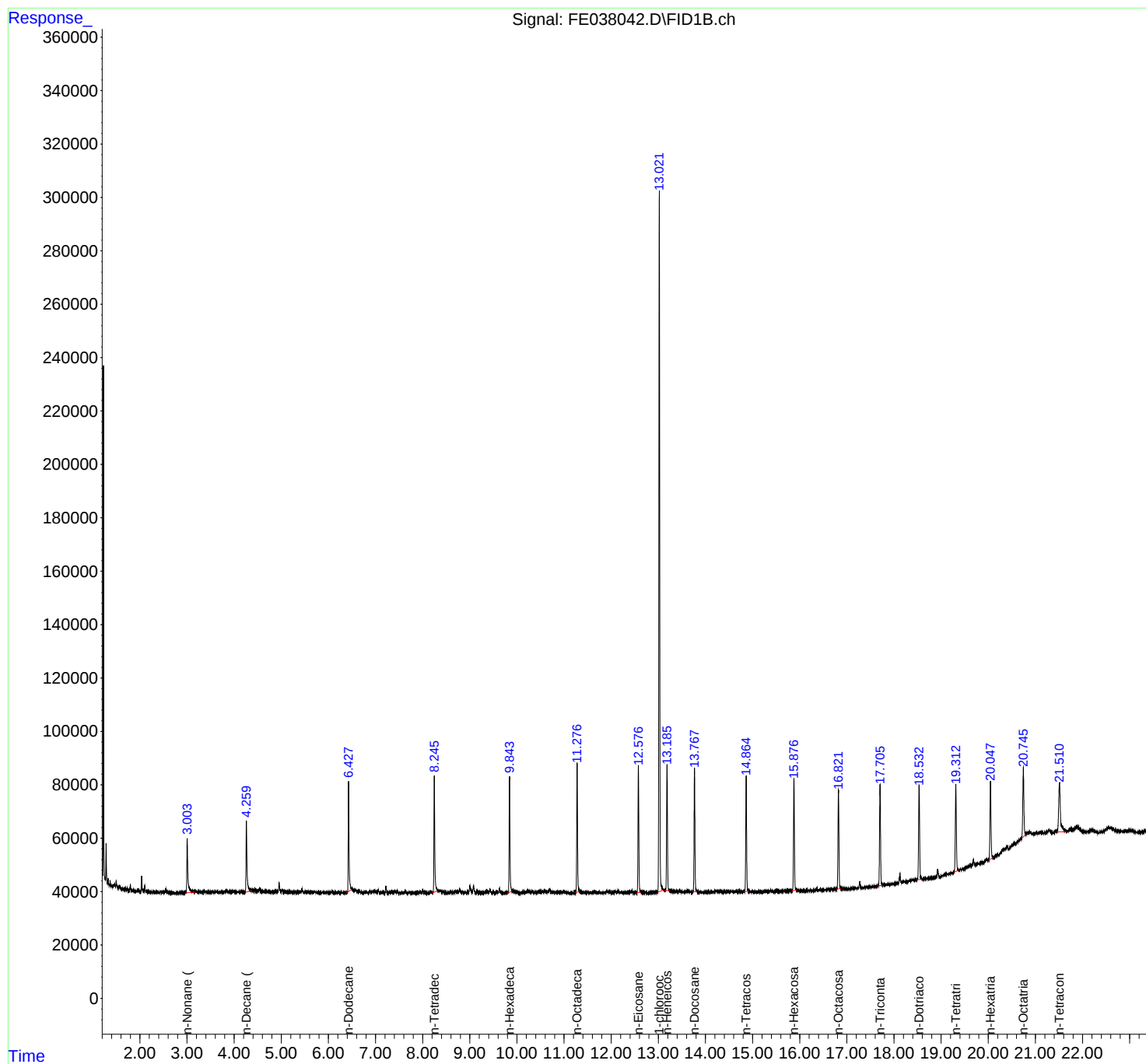
(f)=RT Delta > 1/2 Window

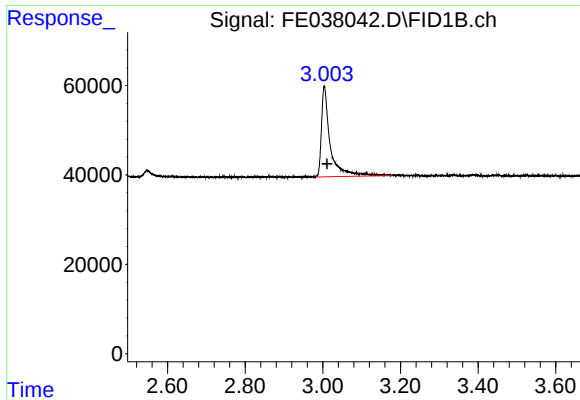
(m)=manual int.

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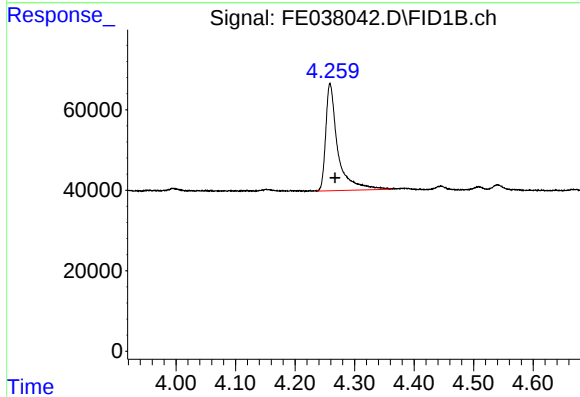
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Signal Info : 20M x 0.18mm x 0.18um





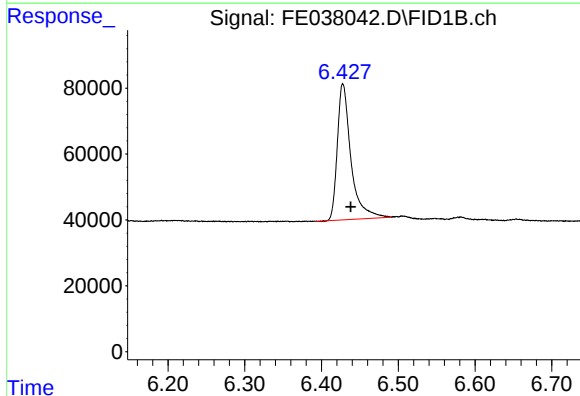
#1 n-Nonane (C9)

R.T.: 3.003 min  
Delta R.T.: -0.008 min  
Response: 320369  
Conc: 2.18 ug/ml m



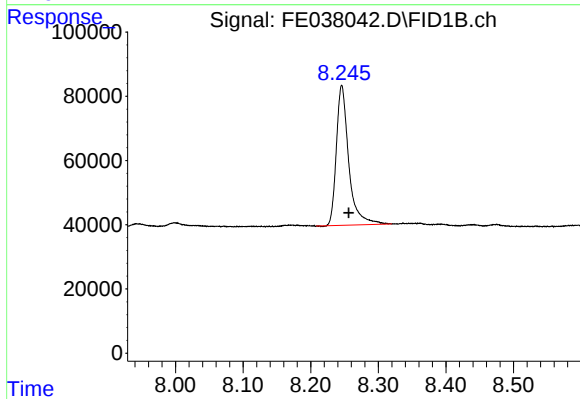
#2 n-Decane (C10)

R.T.: 4.259 min  
Delta R.T.: -0.009 min  
Response: 375820  
Conc: 2.54 ug/ml m



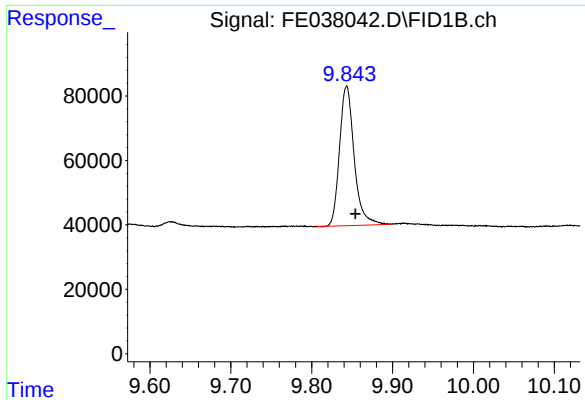
#4 n-Dodecane (C12)

R.T.: 6.428 min  
Delta R.T.: -0.010 min  
Response: 508343  
Conc: 3.34 ug/ml



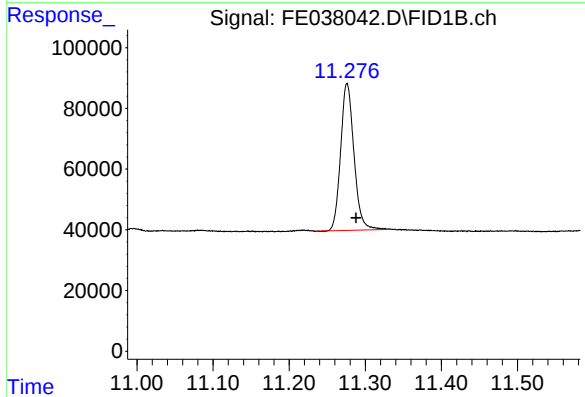
#6 n-Tetradecane (C14)

R.T.: 8.246 min  
Delta R.T.: -0.010 min  
Response: 555341  
Conc: 3.63 ug/ml



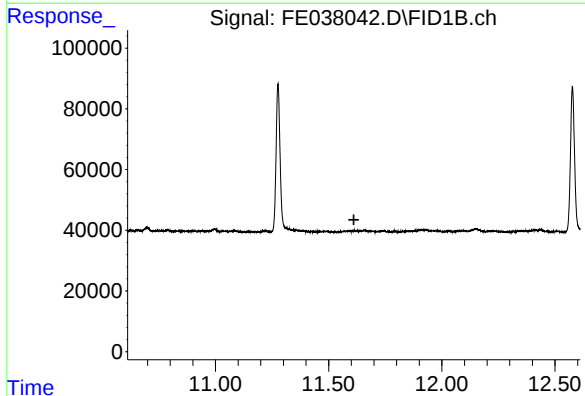
#7 n-Hexadecane (C16)

R.T.: 9.843 min  
Delta R.T.: -0.011 min  
Response: 543996  
Conc: 3.48 ug/ml



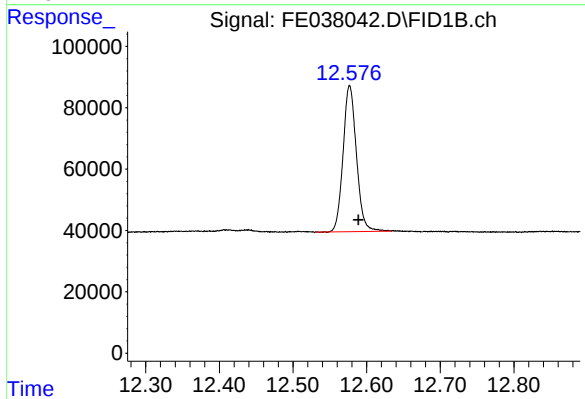
#8 n-Octadecane (C18)

R.T.: 11.276 min  
Delta R.T.: -0.012 min  
Response: 590304  
Conc: 3.68 ug/ml



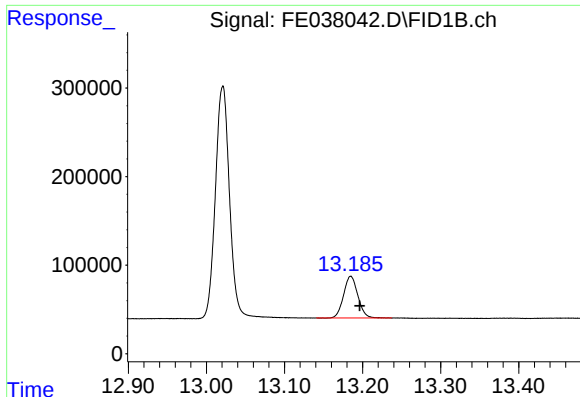
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.612 min  
Response: 0  
Conc: N.D.



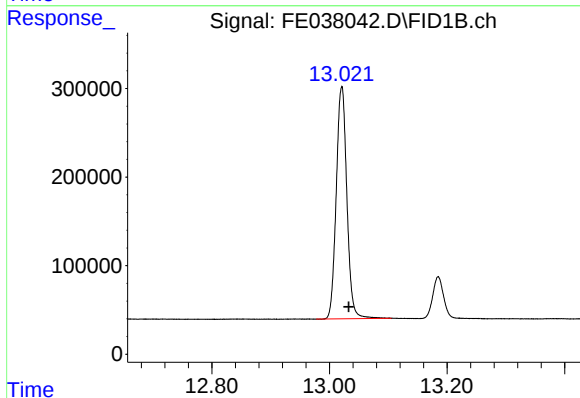
#10 n-Eicosane (C20)

R.T.: 12.577 min  
Delta R.T.: -0.012 min  
Response: 598803  
Conc: 3.67 ug/ml



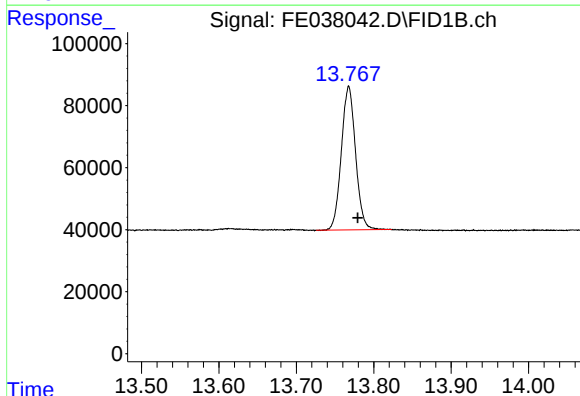
#11 n-Heneicosane (C21)

R.T.: 13.185 min  
Delta R.T.: -0.011 min  
Response: 600173  
Conc: 3.64 ug/ml



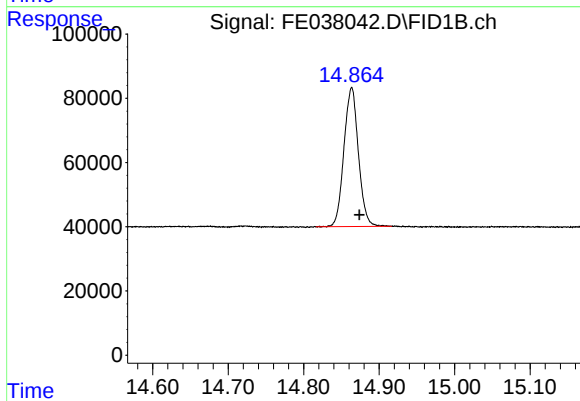
#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min  
Delta R.T.: -0.012 min  
Response: 3299094  
Conc: 24.41 ug/ml



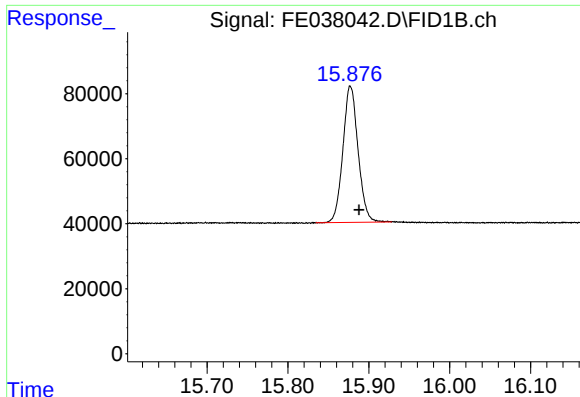
#13 n-Docosane (C22)

R.T.: 13.768 min  
Delta R.T.: -0.011 min  
Response: 591623  
Conc: 3.59 ug/ml



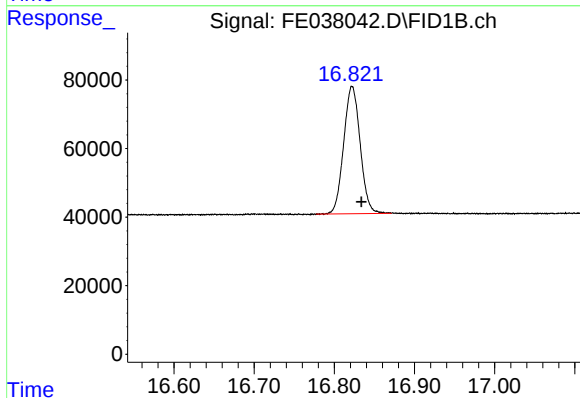
#14 n-Tetracosane (C24)

R.T.: 14.864 min  
Delta R.T.: -0.010 min  
Response: 576016  
Conc: 3.51 ug/ml



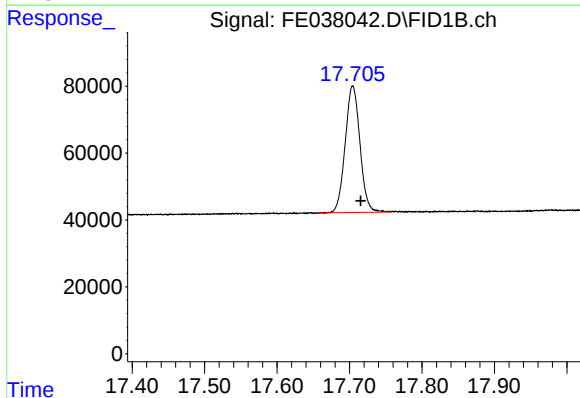
#15 n-Hexacosane (C26)

R.T.: 15.877 min  
Delta R.T.: -0.011 min  
Response: 547782  
Conc: 3.36 ug/ml



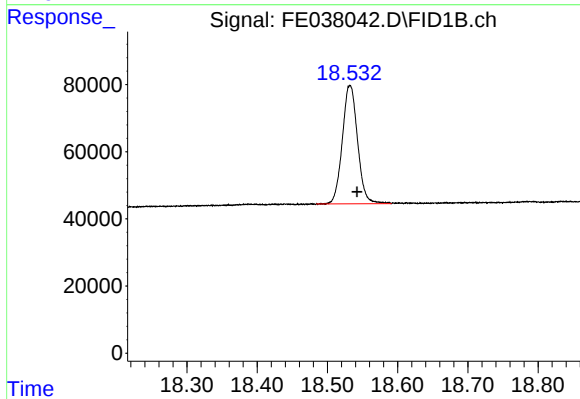
#16 n-Octacosane (C28)

R.T.: 16.822 min  
Delta R.T.: -0.011 min  
Response: 530863  
Conc: 3.31 ug/ml



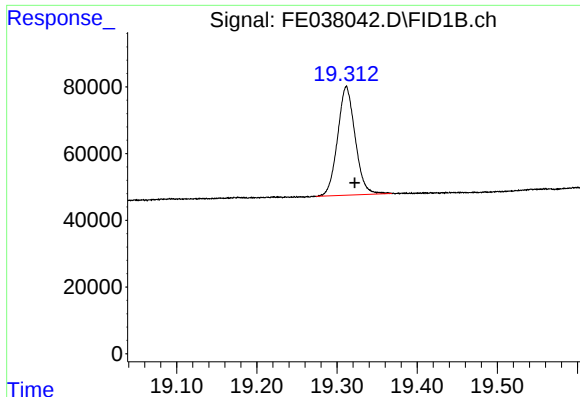
#17 n-Tricontane (C30)

R.T.: 17.704 min  
Delta R.T.: -0.011 min  
Response: 537315  
Conc: 3.36 ug/ml



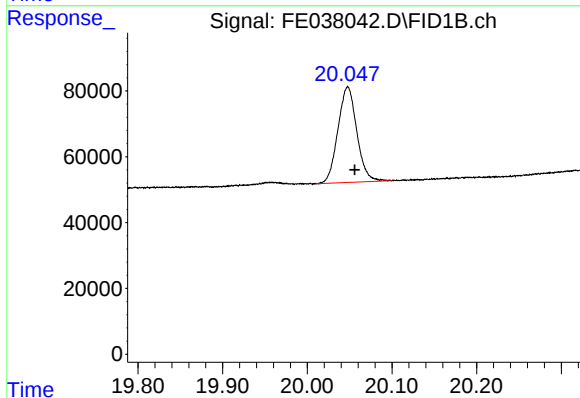
#18 n-Dotriacontane (C32)

R.T.: 18.532 min  
Delta R.T.: -0.010 min  
Response: 532207  
Conc: 3.38 ug/ml



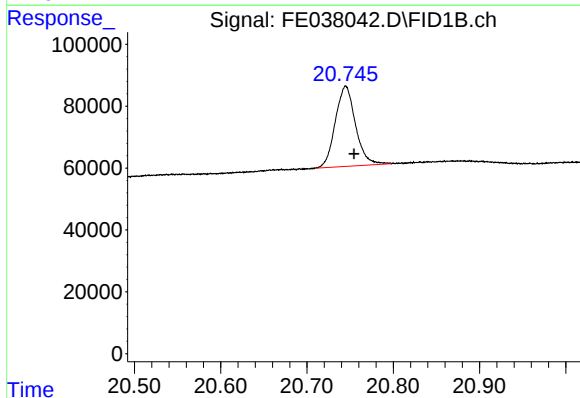
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min  
Delta R.T.: -0.011 min  
Response: 495591  
Conc: 3.35 ug/ml



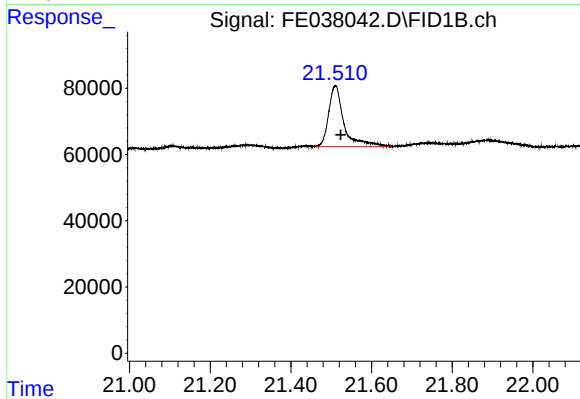
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min  
Delta R.T.: -0.008 min  
Response: 450708  
Conc: 3.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min  
Delta R.T.: -0.010 min  
Response: 422219  
Conc: 3.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.510 min  
Delta R.T.: -0.013 min  
Response: 489213  
Conc: 3.84 ug/ml m