

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090925AL\  
 Data File : FG016576.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Sep 2025 12:35  
 Operator : YP\AJ  
 Sample : Q2893-01  
 Misc : 4 PPM SOIL LOD  
 ALS Vial : 44 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 10 02:30:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 28 12:01:28 2025  
 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... | 13.512 | 2983008    | 29.635 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 59.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.385  | 258394     | 2.284 ug/ml  |
| 2) T n-Decane (C10)            | 4.647  | 314241     | 2.730 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.828  | 355042     | 3.060 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.669  | 380881     | 3.301 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.288 | 364124     | 3.051 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.742 | 393178     | 3.254 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.061 | 421653     | 3.615 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.677 | 395547     | 3.441 ug/ml  |
| 13) T n-Docosane (C22)         | 14.268 | 401374     | 3.513 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.381 | 396660     | 3.487 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.409 | 380744     | 3.429 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.364 | 374073     | 3.460 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.258 | 387236     | 3.545 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.097 | 390777     | 3.717 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.885 | 373115     | 3.885 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.630 | 355780     | 4.254 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.415 | 350457     | 4.552 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.412 | 330688     | 4.451 ug/ml  |
| -----                          |        |            |              |

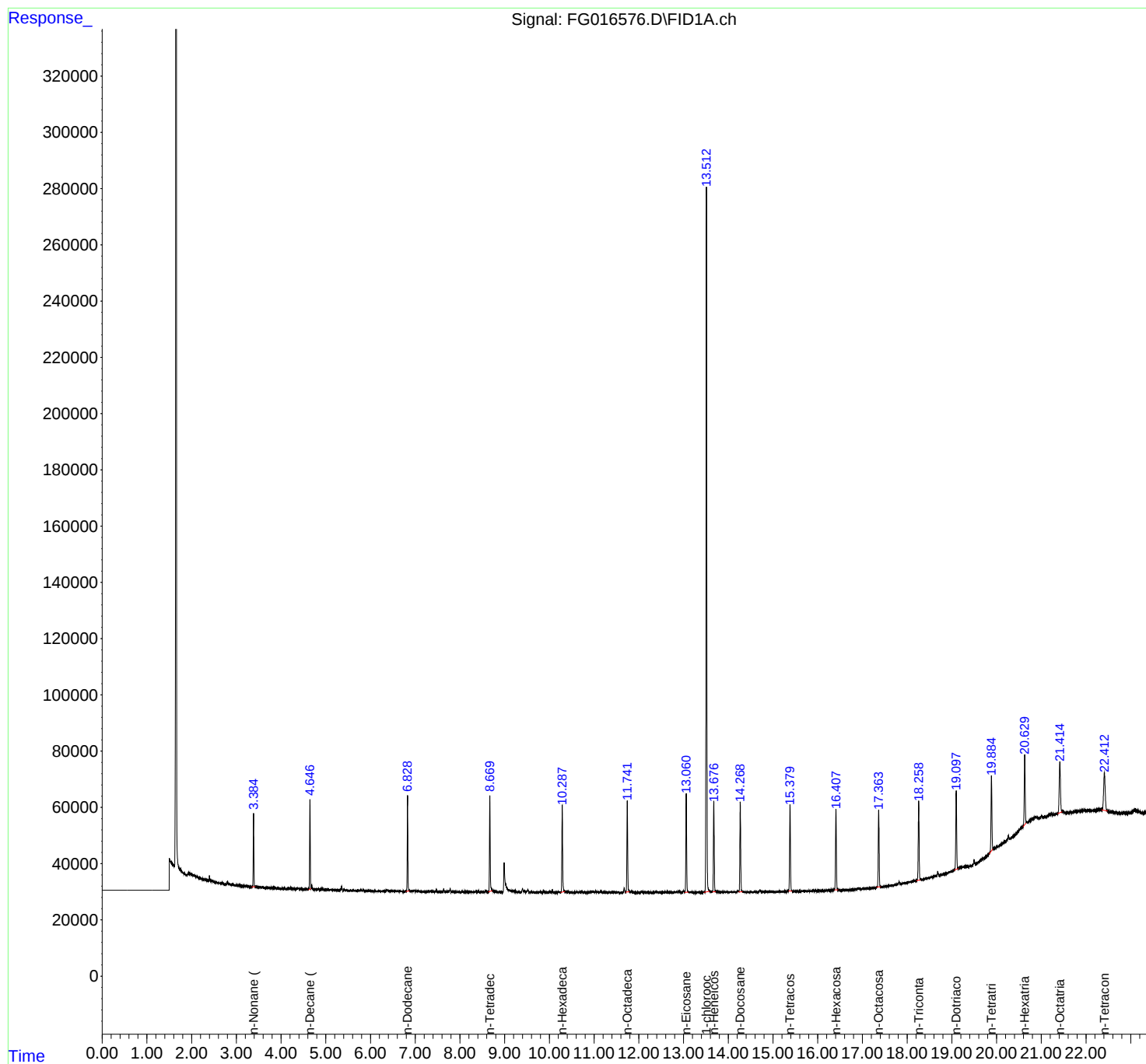
(f)=RT Delta > 1/2 Window

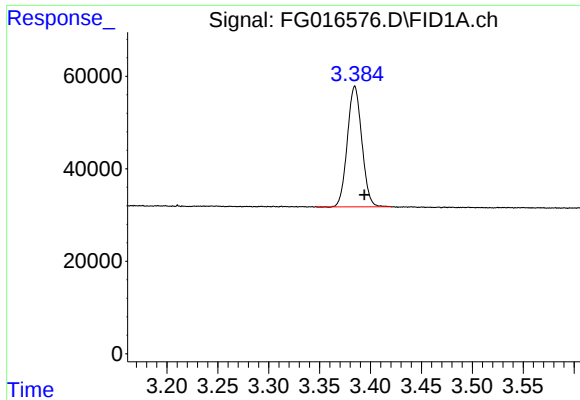
(m)=manual int.

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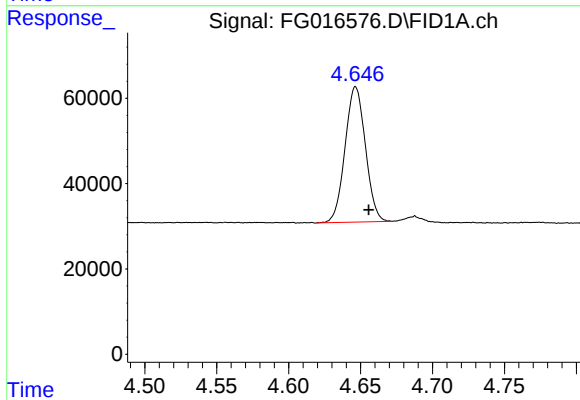
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





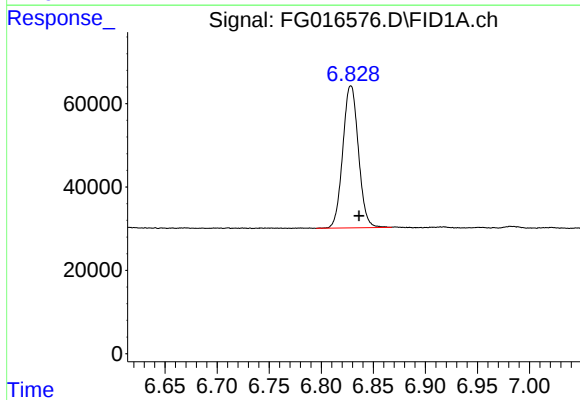
#1 n-Nonane (C9)

R.T.: 3.385 min  
Delta R.T.: -0.009 min  
Response: 258394  
Conc: 2.28 ug/ml



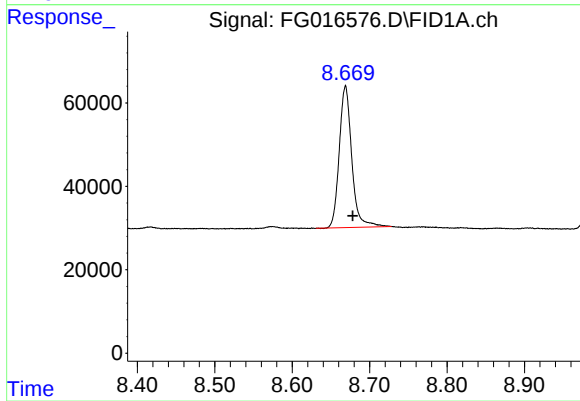
#2 n-Decane (C10)

R.T.: 4.647 min  
Delta R.T.: -0.009 min  
Response: 314241  
Conc: 2.73 ug/ml



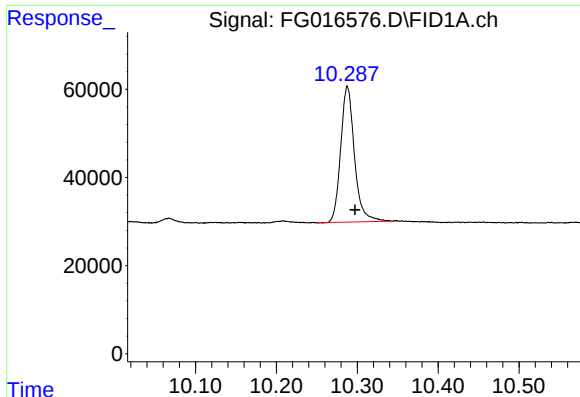
#4 n-Dodecane (C12)

R.T.: 6.828 min  
Delta R.T.: -0.008 min  
Response: 355042  
Conc: 3.06 ug/ml



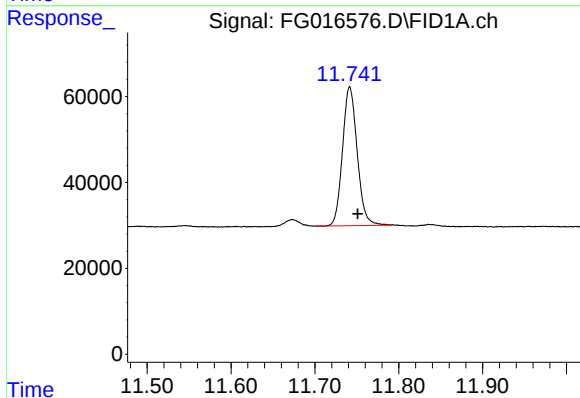
#6 n-Tetradecane (C14)

R.T.: 8.669 min  
Delta R.T.: -0.009 min  
Response: 380881  
Conc: 3.30 ug/ml



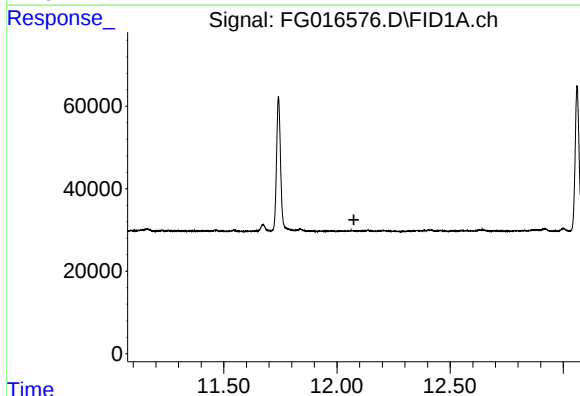
#7 n-Hexadecane (C16)

R.T.: 10.288 min  
Delta R.T.: -0.010 min  
Response: 364124  
Conc: 3.05 ug/ml



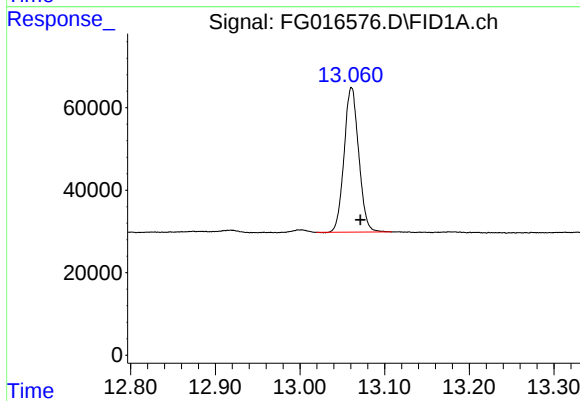
#8 n-Octadecane (C18)

R.T.: 11.742 min  
Delta R.T.: -0.010 min  
Response: 393178  
Conc: 3.25 ug/ml



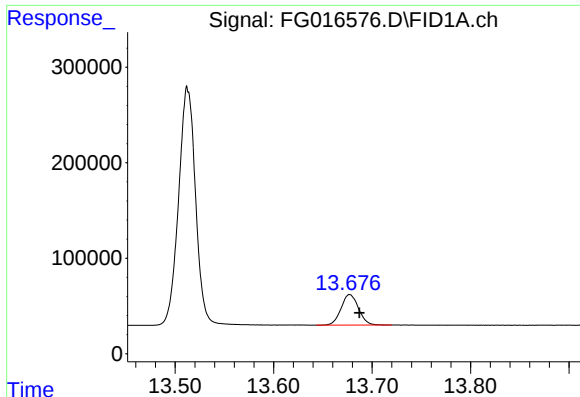
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 12.075 min  
Response: 0  
Conc: N.D.



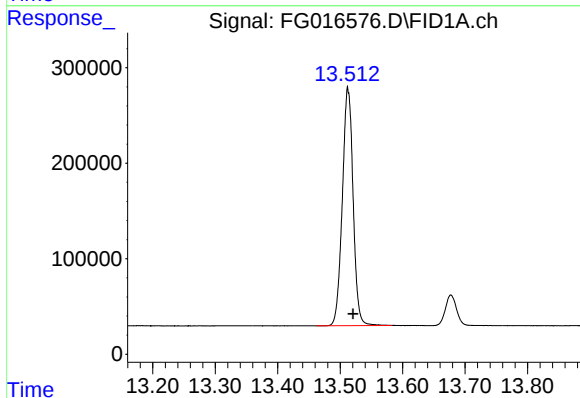
#10 n-Eicosane (C20)

R.T.: 13.061 min  
Delta R.T.: -0.010 min  
Response: 421653  
Conc: 3.61 ug/ml



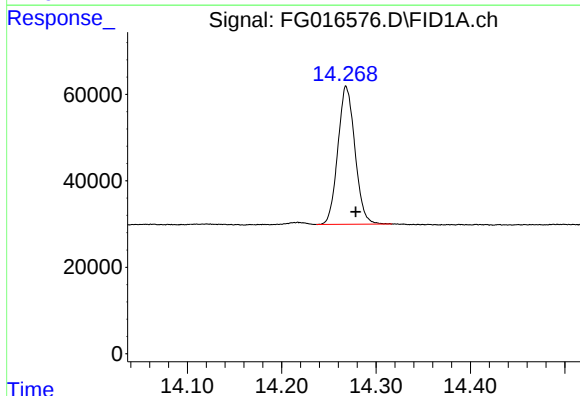
#11 n-Heneicosane (C21)

R.T.: 13.677 min  
Delta R.T.: -0.010 min  
Response: 395547  
Conc: 3.44 ug/ml



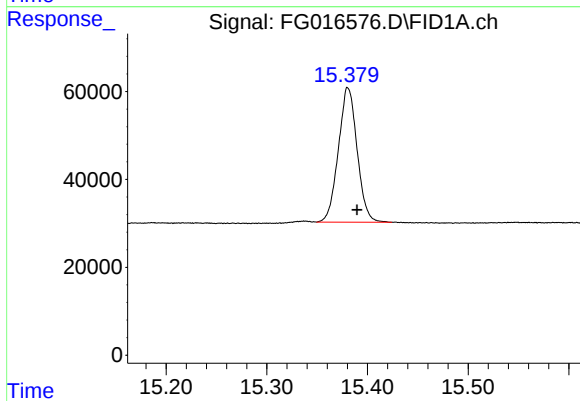
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min  
Delta R.T.: -0.008 min  
Response: 2983008  
Conc: 29.63 ug/ml



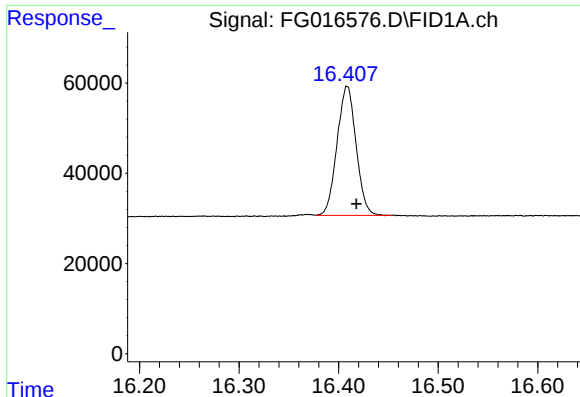
#13 n-Docosane (C22)

R.T.: 14.268 min  
Delta R.T.: -0.010 min  
Response: 401374  
Conc: 3.51 ug/ml



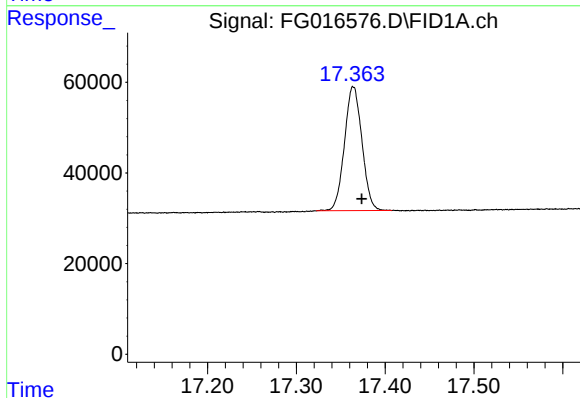
#14 n-Tetracosane (C24)

R.T.: 15.381 min  
Delta R.T.: -0.009 min  
Response: 396660  
Conc: 3.49 ug/ml



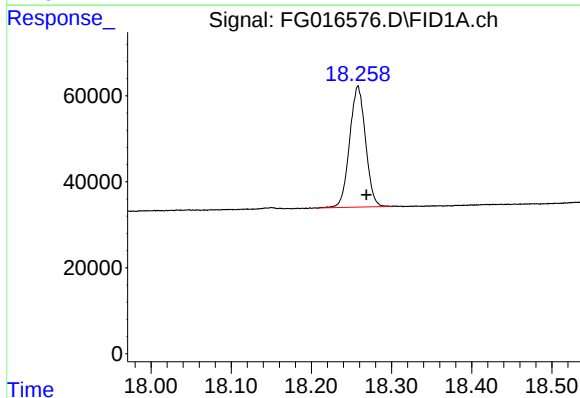
#15 n-Hexacosane (C26)

R.T.: 16.409 min  
Delta R.T.: -0.009 min  
Response: 380744  
Conc: 3.43 ug/ml



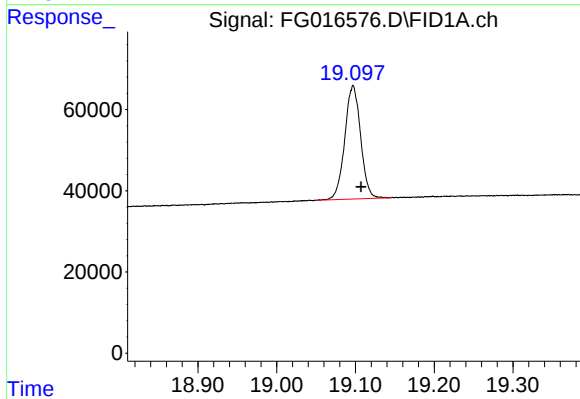
#16 n-Octacosane (C28)

R.T.: 17.364 min  
Delta R.T.: -0.009 min  
Response: 374073  
Conc: 3.46 ug/ml



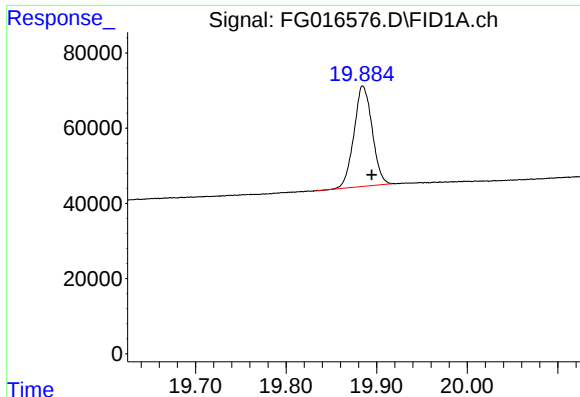
#17 n-Tricontane (C30)

R.T.: 18.258 min  
Delta R.T.: -0.011 min  
Response: 387236  
Conc: 3.55 ug/ml



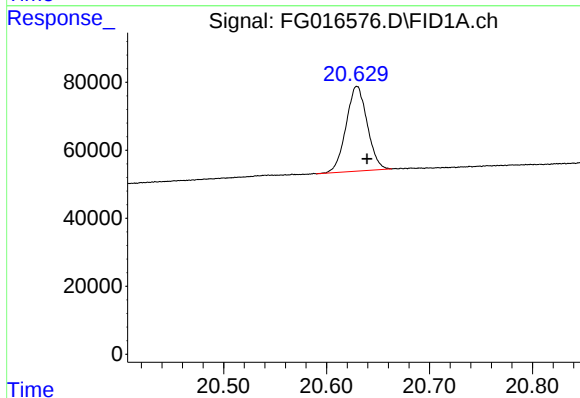
#18 n-Dotriacontane (C32)

R.T.: 19.097 min  
Delta R.T.: -0.010 min  
Response: 390777  
Conc: 3.72 ug/ml



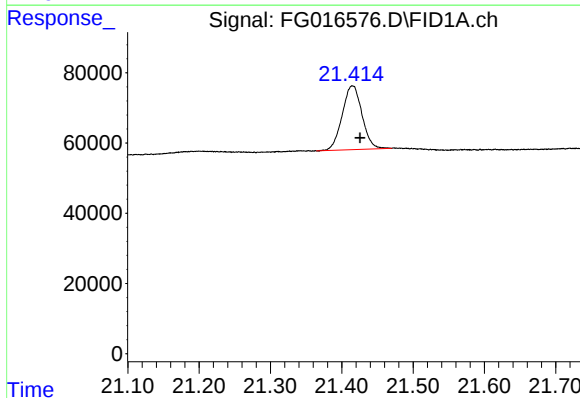
#19 n-Tetratriacontane (C34)

R.T.: 19.885 min  
Delta R.T.: -0.010 min  
Response: 373115  
Conc: 3.89 ug/ml



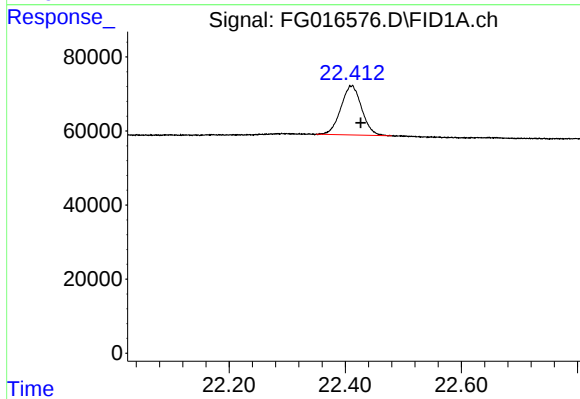
#20 n-Hexatriacontane (C36)

R.T.: 20.630 min  
Delta R.T.: -0.010 min  
Response: 355780  
Conc: 4.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.415 min  
Delta R.T.: -0.010 min  
Response: 350457  
Conc: 4.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.412 min  
Delta R.T.: -0.014 min  
Response: 330688  
Conc: 4.45 ug/ml