

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020124AL\  
 Data File : FC065581.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Feb 2024 12:53  
 Operator : YP/AJ  
 Sample : P1187-01  
 Misc : LOD 2.5 PPM  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 02 08:06:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 08 15:12:33 2024  
 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... | 12.925 | 5118971    | 37.976 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 75.95%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.291  | 190216     | 1.218 ug/ml  |
| 2) T n-Decane (C10)            | 4.353  | 243710     | 1.541 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.364  | 384848     | 2.399 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.154  | 332953     | 2.123 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.748  | 315629     | 1.974 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.180 | 421961     | 2.576 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.483 | 446170     | 2.801 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.092 | 432682     | 2.758 ug/ml  |
| 13) T n-Docosane (C22)         | 13.676 | 443134     | 2.838 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.772 | 455118     | 2.928 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.789 | 463205     | 3.017 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.734 | 454678     | 3.017 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.616 | 472717     | 3.095 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.444 | 469344     | 3.117 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.224 | 444154     | 3.093 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.961 | 461523     | 3.350 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.676 | 485805     | 3.511 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.550 | 509524     | 3.682 ug/ml  |
| -----                          |        |            |              |

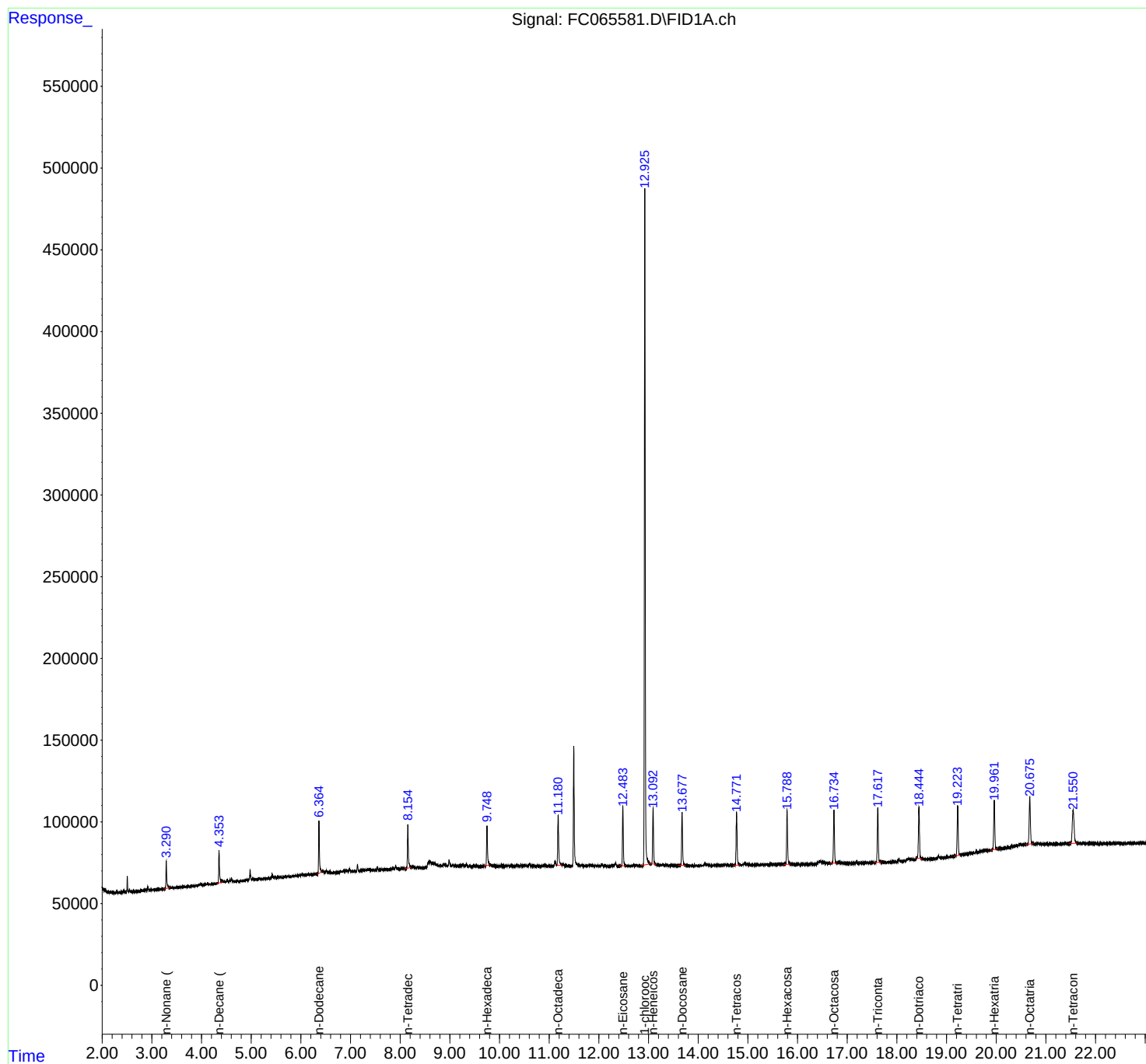
(f)=RT Delta > 1/2 Window

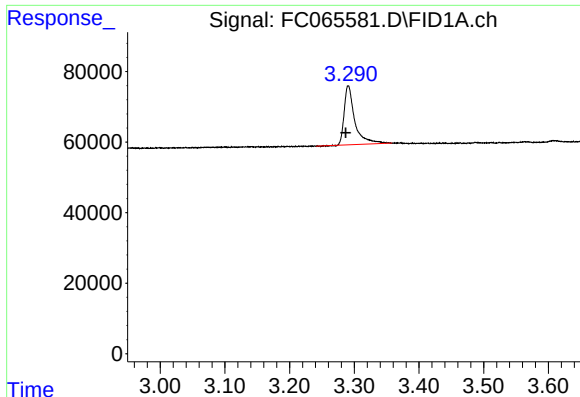
(m)=manual int.

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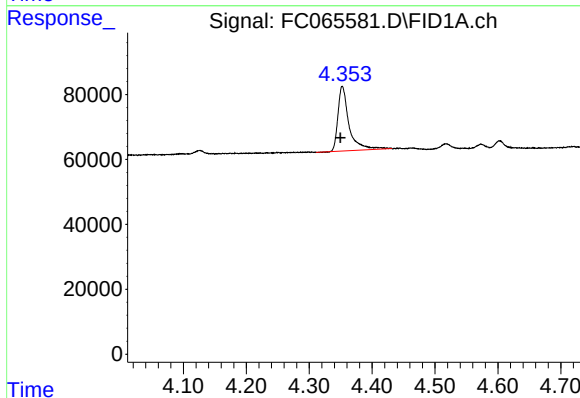
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





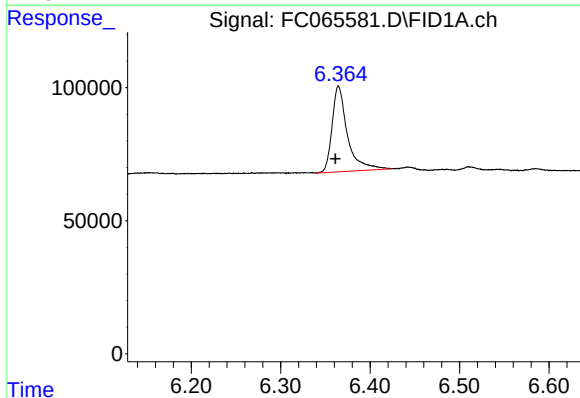
#1 n-Nonane (C9)

R.T.: 3.291 min  
Delta R.T.: 0.004 min  
Response: 190216  
Conc: 1.22 ug/ml



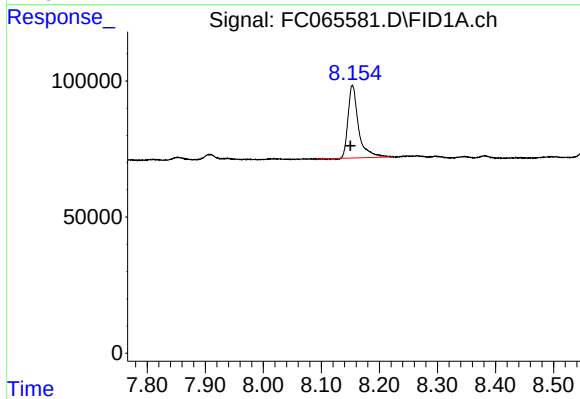
#2 n-Decane (C10)

R.T.: 4.353 min  
Delta R.T.: 0.004 min  
Response: 243710  
Conc: 1.54 ug/ml



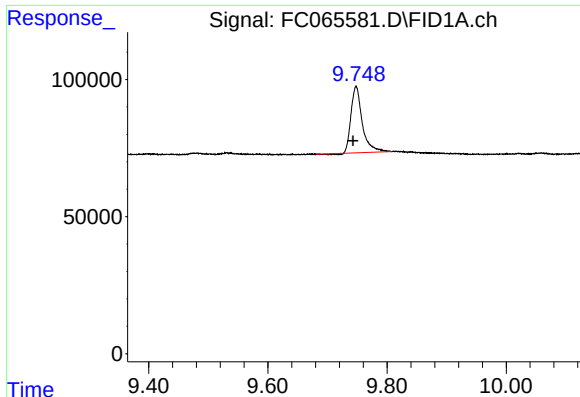
#4 n-Dodecane (C12)

R.T.: 6.364 min  
Delta R.T.: 0.003 min  
Response: 384848  
Conc: 2.40 ug/ml m



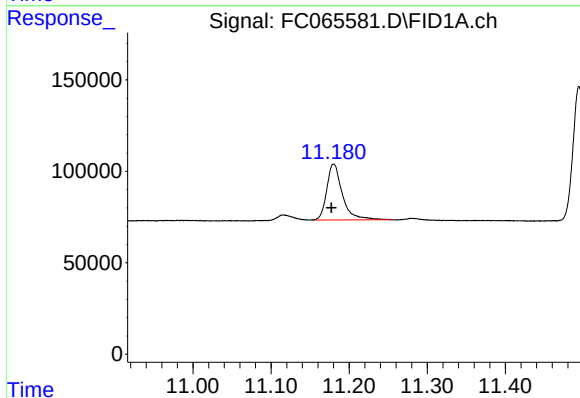
#6 n-Tetradecane (C14)

R.T.: 8.154 min  
Delta R.T.: 0.004 min  
Response: 332953  
Conc: 2.12 ug/ml



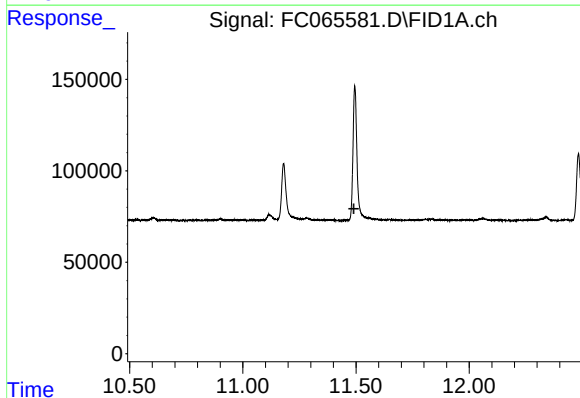
#7 n-Hexadecane (C16)

R.T.: 9.748 min  
Delta R.T.: 0.005 min  
Response: 315629  
Conc: 1.97 ug/ml



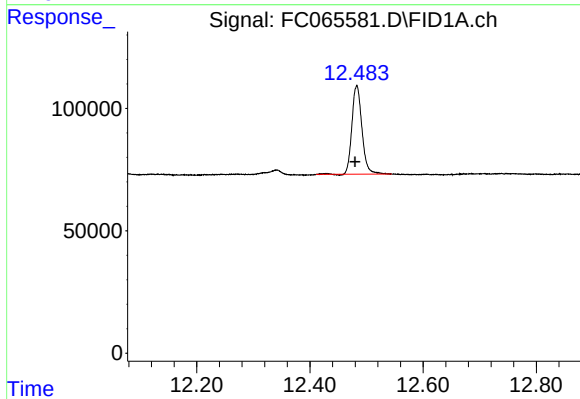
#8 n-Octadecane (C18)

R.T.: 11.180 min  
Delta R.T.: 0.003 min  
Response: 421961  
Conc: 2.58 ug/ml



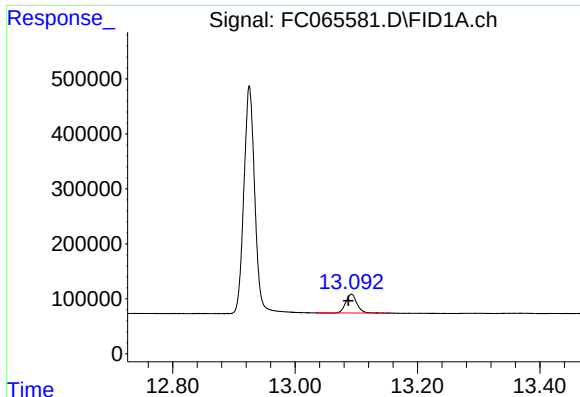
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.491 min  
Response: 0  
Conc: N.D.



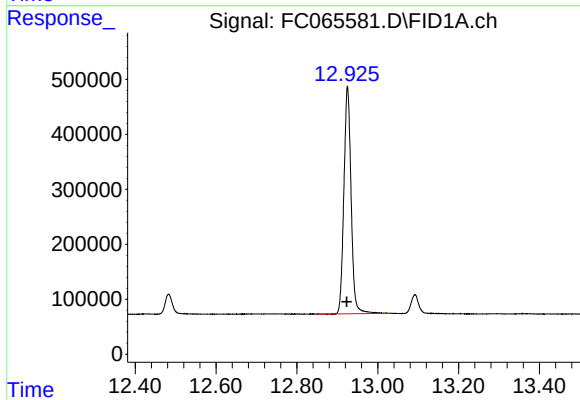
#10 n-Eicosane (C20)

R.T.: 12.483 min  
Delta R.T.: 0.003 min  
Response: 446170  
Conc: 2.80 ug/ml



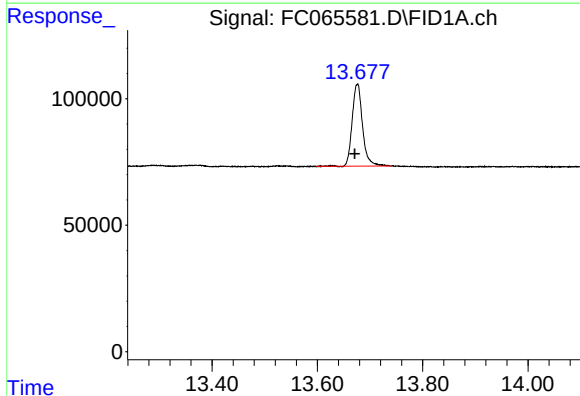
#11 n-Heneicosane (C21)

R.T.: 13.092 min  
Delta R.T.: 0.005 min  
Response: 432682  
Conc: 2.76 ug/ml



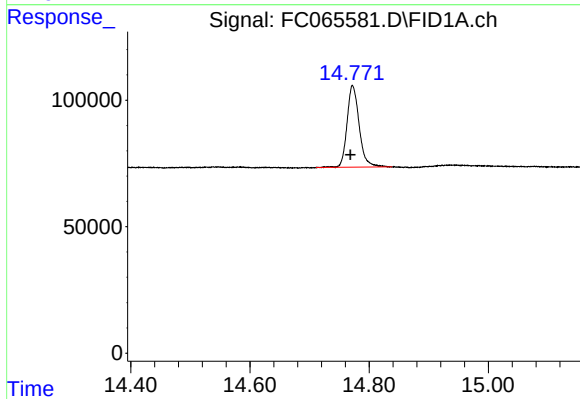
#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min  
Delta R.T.: 0.002 min  
Response: 5118971  
Conc: 37.98 ug/ml



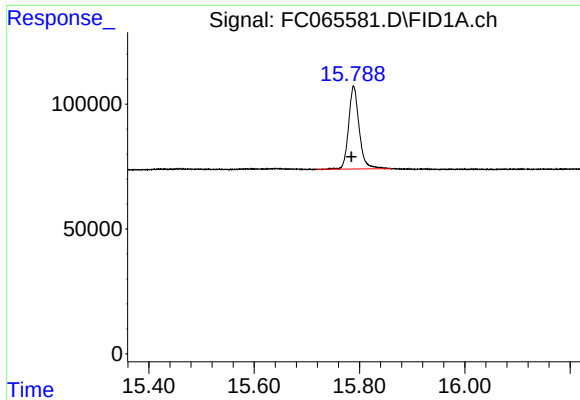
#13 n-Docosane (C22)

R.T.: 13.676 min  
Delta R.T.: 0.005 min  
Response: 443134  
Conc: 2.84 ug/ml



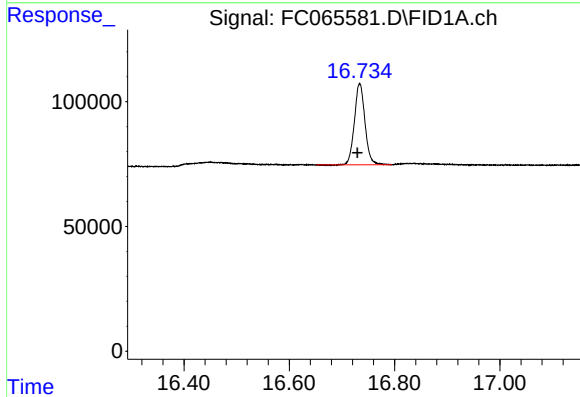
#14 n-Tetracosane (C24)

R.T.: 14.772 min  
Delta R.T.: 0.004 min  
Response: 455118  
Conc: 2.93 ug/ml



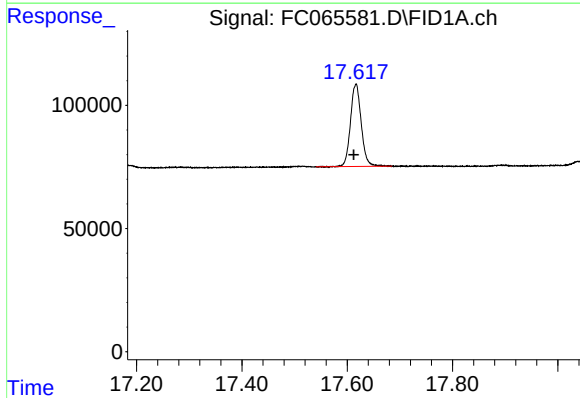
#15 n-Hexacosane (C26)

R.T.: 15.789 min  
Delta R.T.: 0.004 min  
Response: 463205  
Conc: 3.02 ug/ml



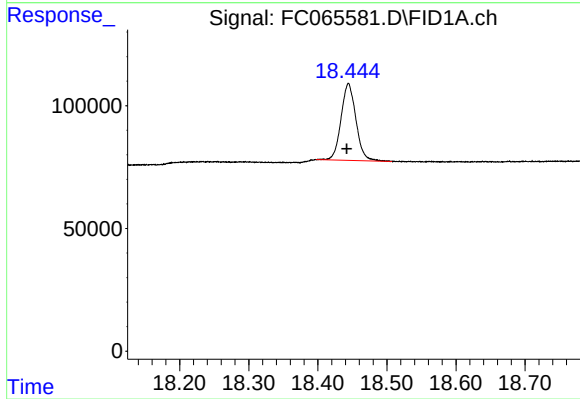
#16 n-Octacosane (C28)

R.T.: 16.734 min  
Delta R.T.: 0.005 min  
Response: 454678  
Conc: 3.02 ug/ml



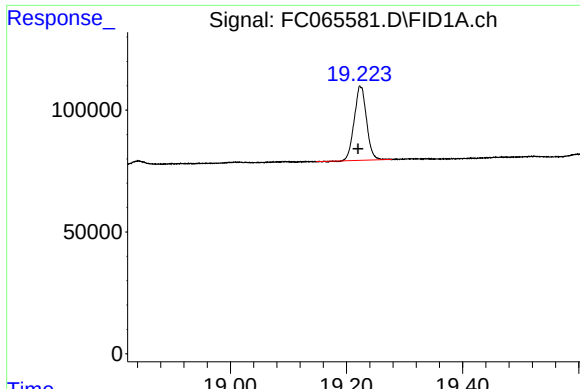
#17 n-Tricontane (C30)

R.T.: 17.616 min  
Delta R.T.: 0.004 min  
Response: 472717  
Conc: 3.10 ug/ml



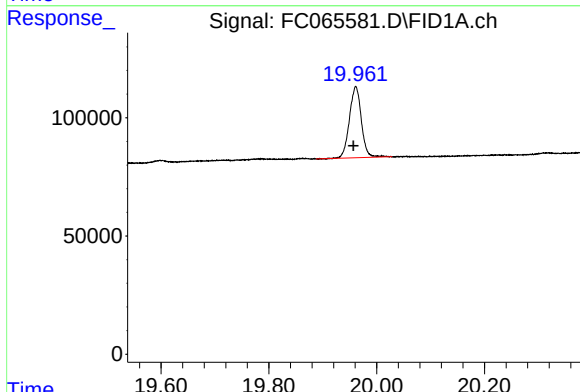
#18 n-Dotriacontane (C32)

R.T.: 18.444 min  
Delta R.T.: 0.002 min  
Response: 469344  
Conc: 3.12 ug/ml m



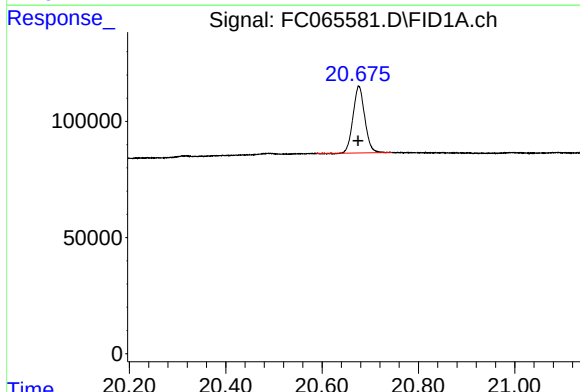
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min  
Delta R.T.: 0.004 min  
Response: 444154  
Conc: 3.09 ug/ml



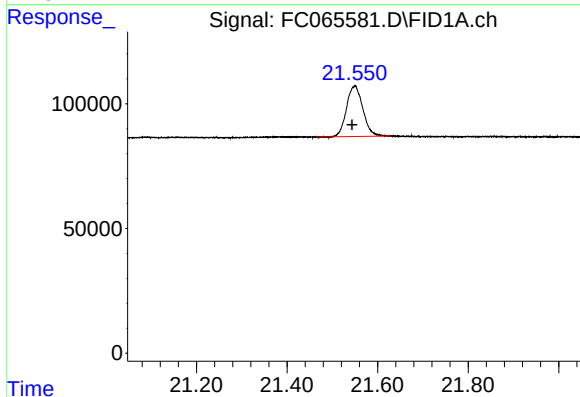
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min  
Delta R.T.: 0.004 min  
Response: 461523  
Conc: 3.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min  
Delta R.T.: 0.001 min  
Response: 485805  
Conc: 3.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.550 min  
Delta R.T.: 0.006 min  
Response: 509524  
Conc: 3.68 ug/ml