

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102323AL\  
 Data File : FC064914.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Oct 2023 19:36  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 24 00:58:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 10 12:17:45 2023  
 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)    | 11.519 | 4184665    | 19.599 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.20%       |
| 12) S 1-chlorooctadecane (S... | 12.952 | 3033301    | 20.230 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.46%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.317  | 3638651    | 19.811 ug/ml |
| 2) T n-Decane (C10)            | 4.379  | 3661416    | 20.016 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.959  | 3817008    | 20.125 ug/ml |
| 4) T n-Dodecane (C12)          | 6.389  | 3717866    | 19.946 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.012  | 3659052    | 20.894 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.176  | 3647525    | 20.309 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.770  | 3641119    | 20.469 ug/ml |
| 8) T n-Octadecane (C18)        | 11.206 | 3603114    | 20.079 ug/ml |
| 10) T n-Eicosane (C20)         | 12.509 | 3421186    | 19.868 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.120 | 3334208    | 19.688 ug/ml |
| 13) T n-Docosane (C22)         | 13.702 | 3264030    | 19.810 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.801 | 3154309    | 19.818 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.817 | 3033738    | 19.804 ug/ml |
| 16) T n-Octacosane (C28)       | 16.762 | 2933642    | 19.907 ug/ml |
| 17) T n-Tricontane (C30)       | 17.645 | 2948335    | 20.151 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.476 | 2925705    | 20.262 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.256 | 2857597    | 20.309 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.993 | 2858116    | 20.658 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.715 | 2799012    | 21.130 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.597 | 2784200    | 22.247 ug/ml |
| -----                          |        |            |              |

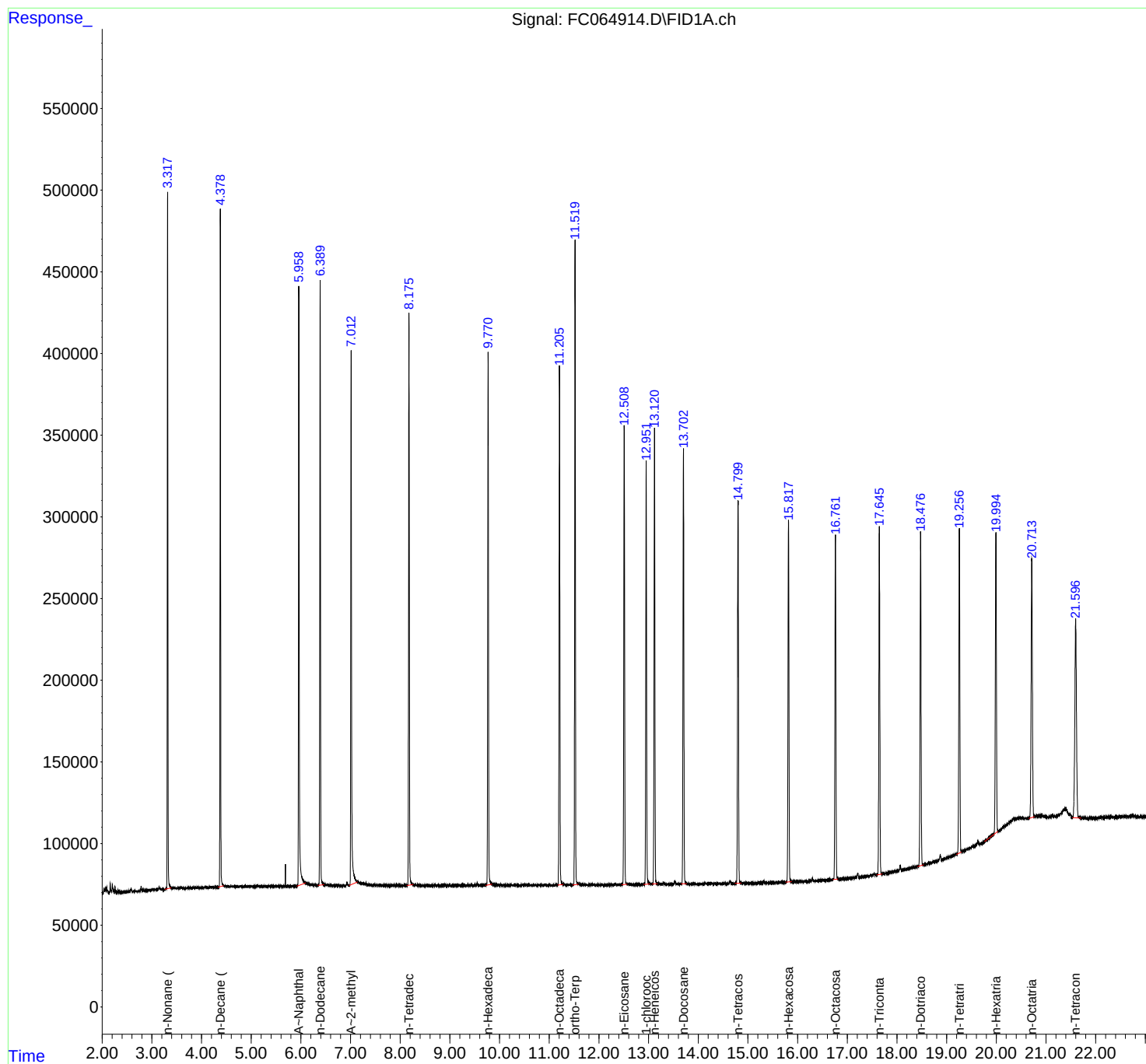
(f)=RT Delta > 1/2 Window

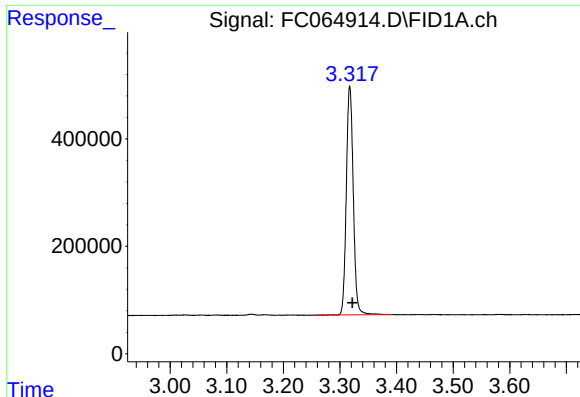
(m)=manual int.

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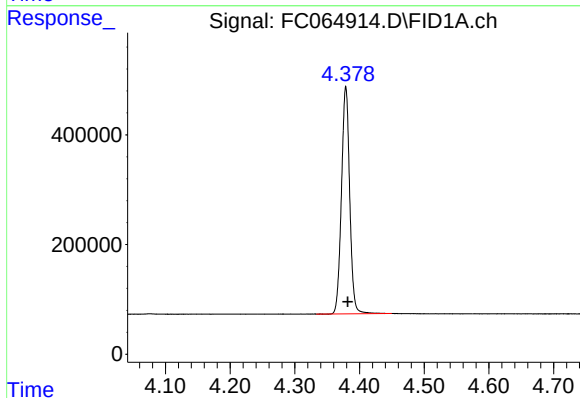
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





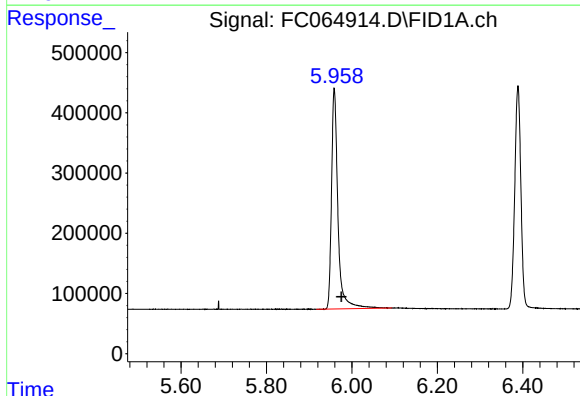
#1 n-Nonane (C9)

R.T.: 3.317 min  
Delta R.T.: -0.005 min  
Response: 3638651  
Conc: 19.81 ug/ml



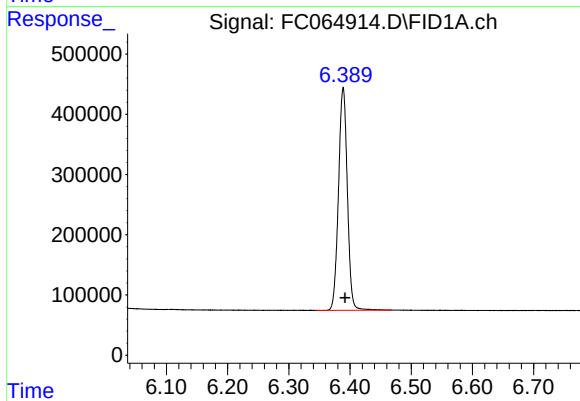
#2 n-Decane (C10)

R.T.: 4.379 min  
Delta R.T.: -0.003 min  
Response: 3661416  
Conc: 20.02 ug/ml



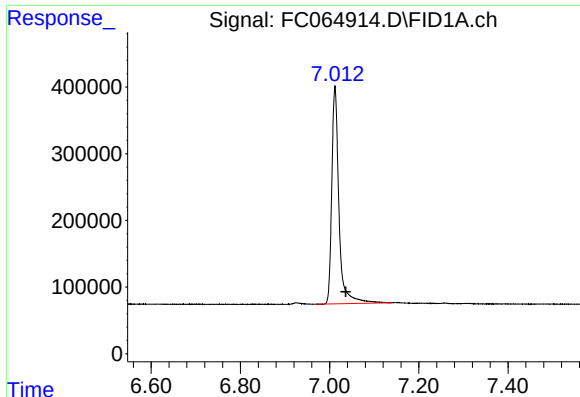
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min  
Delta R.T.: -0.017 min  
Response: 3817008  
Conc: 20.13 ug/ml



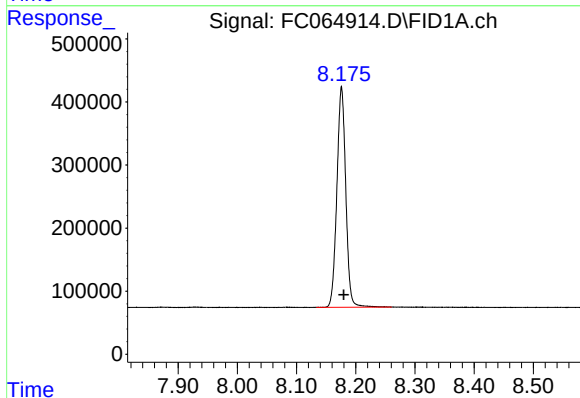
#4 n-Dodecane (C12)

R.T.: 6.389 min  
Delta R.T.: -0.003 min  
Response: 3717866  
Conc: 19.95 ug/ml



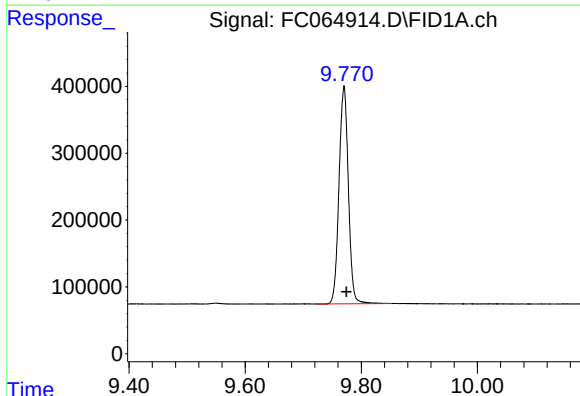
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min  
Delta R.T.: -0.024 min  
Response: 3659052  
Conc: 20.89 ug/ml



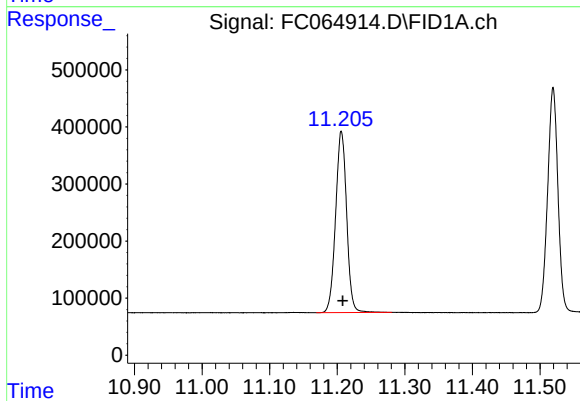
#6 n-Tetradecane (C14)

R.T.: 8.176 min  
Delta R.T.: -0.003 min  
Response: 3647525  
Conc: 20.31 ug/ml



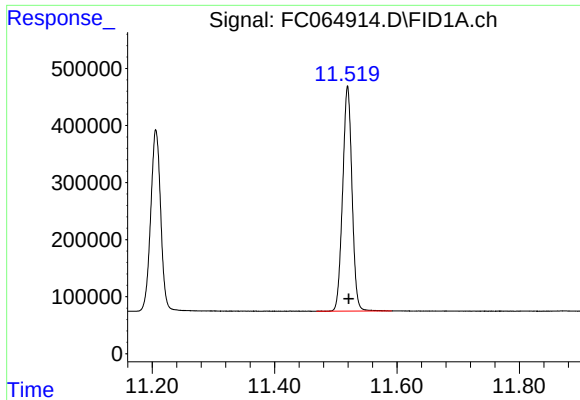
#7 n-Hexadecane (C16)

R.T.: 9.770 min  
Delta R.T.: -0.004 min  
Response: 3641119  
Conc: 20.47 ug/ml



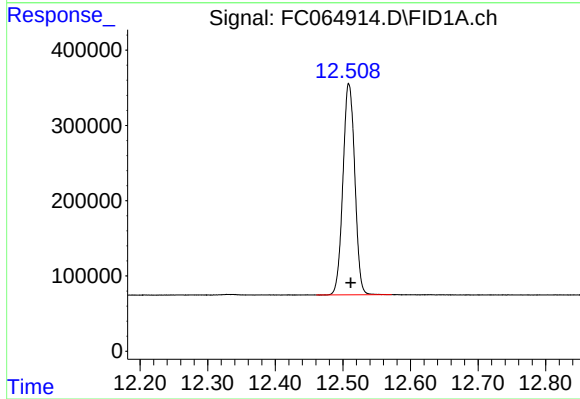
#8 n-Octadecane (C18)

R.T.: 11.206 min  
Delta R.T.: -0.002 min  
Response: 3603114  
Conc: 20.08 ug/ml



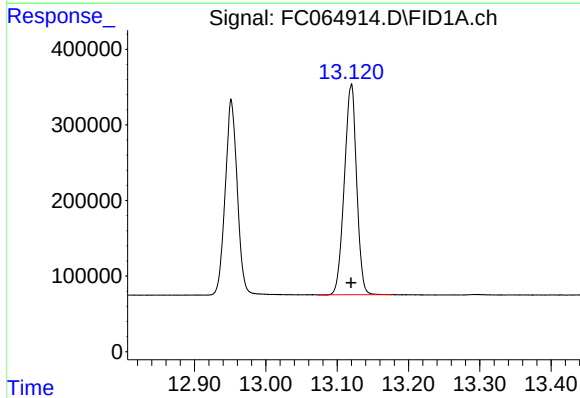
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min  
Delta R.T.: -0.002 min  
Response: 4184665  
Conc: 19.60 ug/ml



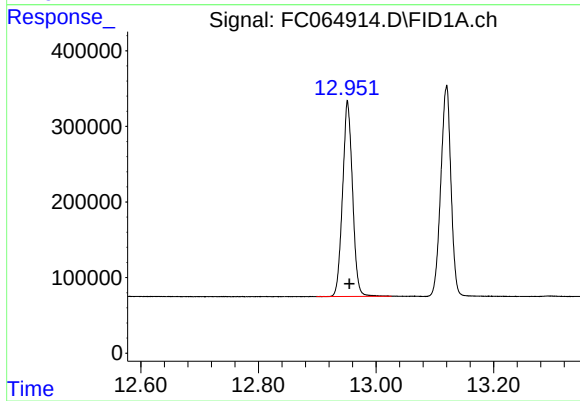
#10 n-Eicosane (C20)

R.T.: 12.509 min  
Delta R.T.: -0.003 min  
Response: 3421186  
Conc: 19.87 ug/ml



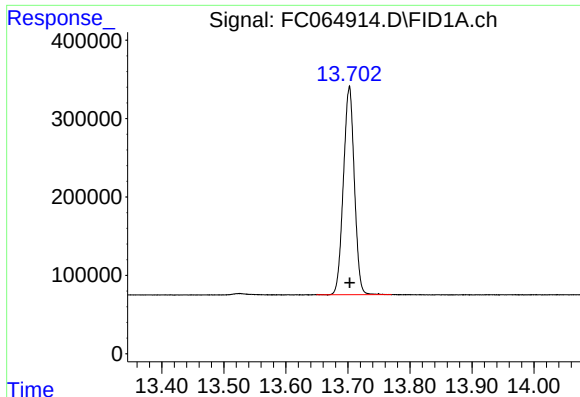
#11 n-Heneicosane (C21)

R.T.: 13.120 min  
Delta R.T.: 0.000 min  
Response: 3334208  
Conc: 19.69 ug/ml



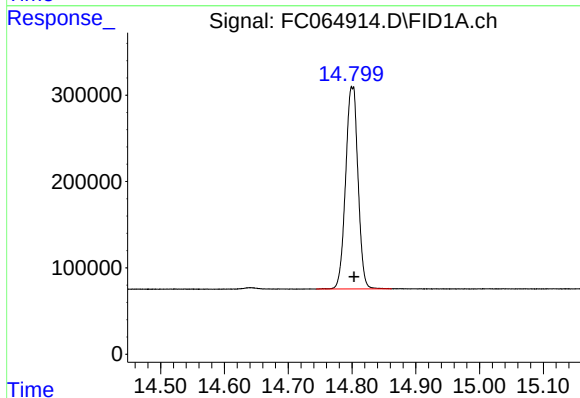
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min  
Delta R.T.: -0.003 min  
Response: 3033301  
Conc: 20.23 ug/ml



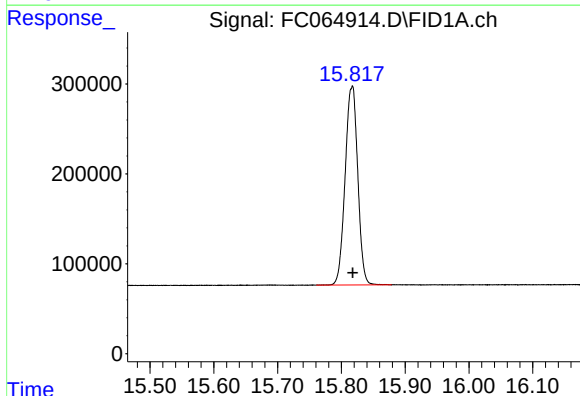
#13 n-Docosane (C22)

R.T.: 13.702 min  
Delta R.T.: 0.000 min  
Response: 3264030  
Conc: 19.81 ug/ml



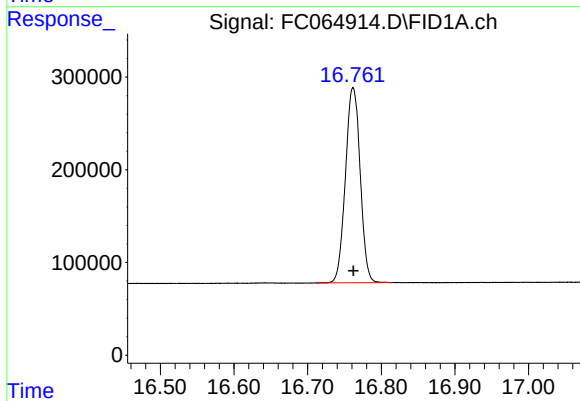
#14 n-Tetracosane (C24)

R.T.: 14.801 min  
Delta R.T.: -0.003 min  
Response: 3154309  
Conc: 19.82 ug/ml



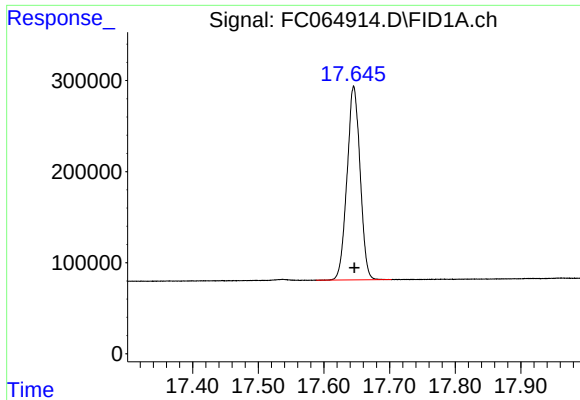
#15 n-Hexacosane (C26)

R.T.: 15.817 min  
Delta R.T.: 0.000 min  
Response: 3033738  
Conc: 19.80 ug/ml



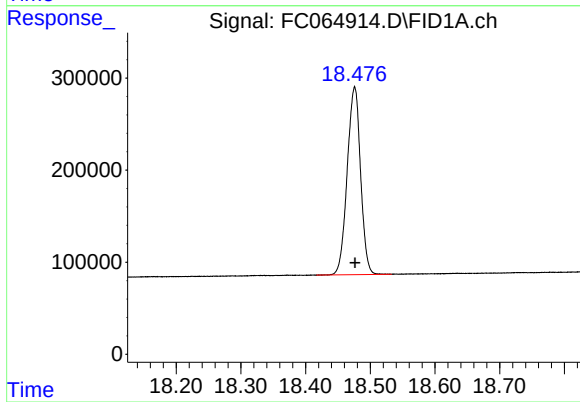
#16 n-Octacosane (C28)

R.T.: 16.762 min  
Delta R.T.: 0.000 min  
Response: 2933642  
Conc: 19.91 ug/ml



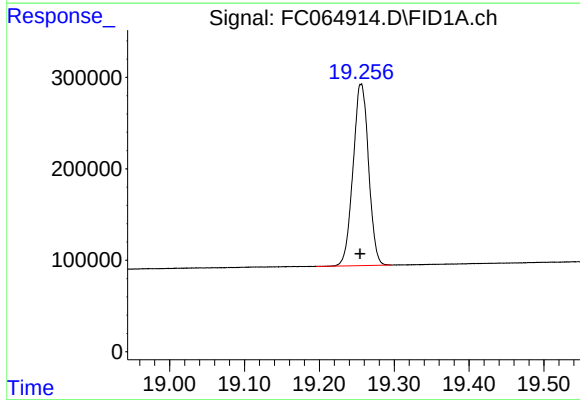
#17 n-Tricontane (C30)

R.T.: 17.645 min  
Delta R.T.: 0.000 min  
Response: 2948335  
Conc: 20.15 ug/ml



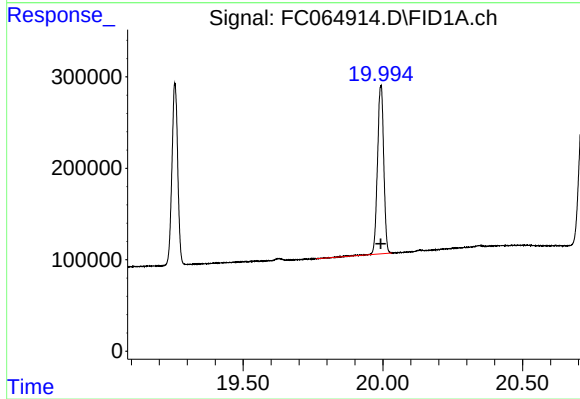
#18 n-Dotriacontane (C32)

R.T.: 18.476 min  
Delta R.T.: 0.000 min  
Response: 2925705  
Conc: 20.26 ug/ml



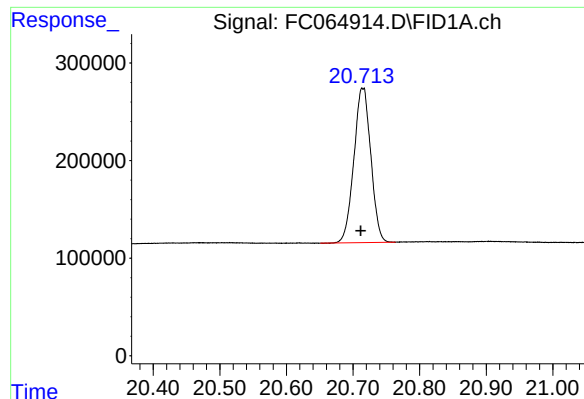
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min  
Delta R.T.: 0.001 min  
Response: 2857597  
Conc: 20.31 ug/ml



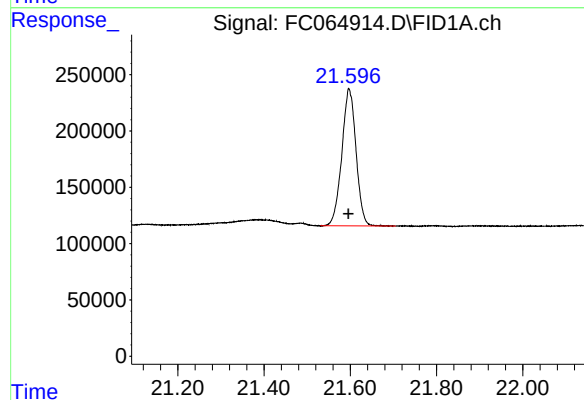
#20 n-Hexatriacontane (C36)

R.T.: 19.993 min  
Delta R.T.: 0.001 min  
Response: 2858116  
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min  
Delta R.T.: 0.003 min  
Response: 2799012  
Conc: 21.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min  
Delta R.T.: 0.001 min  
Response: 2784200  
Conc: 22.25 ug/ml