

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102323AL\  
 Data File : FC064909.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Oct 2023 15:37  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 24 00:55:50 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)    | 11.521 | 4155873    | 19.464 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.93%        |
| 12) S 1-chlorooctadecane (S... | 12.953 | 3006584    | 20.052 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.10%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.320  | 3676838    | 20.019 ug/ml  |
| 2) T n-Decane (C10)            | 4.380  | 3702478    | 20.240 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.960  | 3852309    | 20.311 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.389  | 3746990    | 20.103 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.013  | 3677306    | 20.998 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.177  | 3666583    | 20.415 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.771  | 3638196    | 20.453 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.207 | 3587207    | 19.991 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.511 | 3396783    | 19.727 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.121 | 3311562    | 19.554 ug/ml  |
| 13) T n-Docosane (C22)         | 13.703 | 3232737    | 19.620 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.802 | 3116494    | 19.581 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.818 | 3005393    | 19.619 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.765 | 2912716    | 19.765 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.649 | 2913776    | 19.915 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.477 | 2895625    | 20.054 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.258 | 2820590    | 20.046 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.996 | 2827257    | 20.435 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.716 | 2802848    | 21.159 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.600 | 2783421    | 22.241 ug/ml  |
| -----                          |        |            |               |

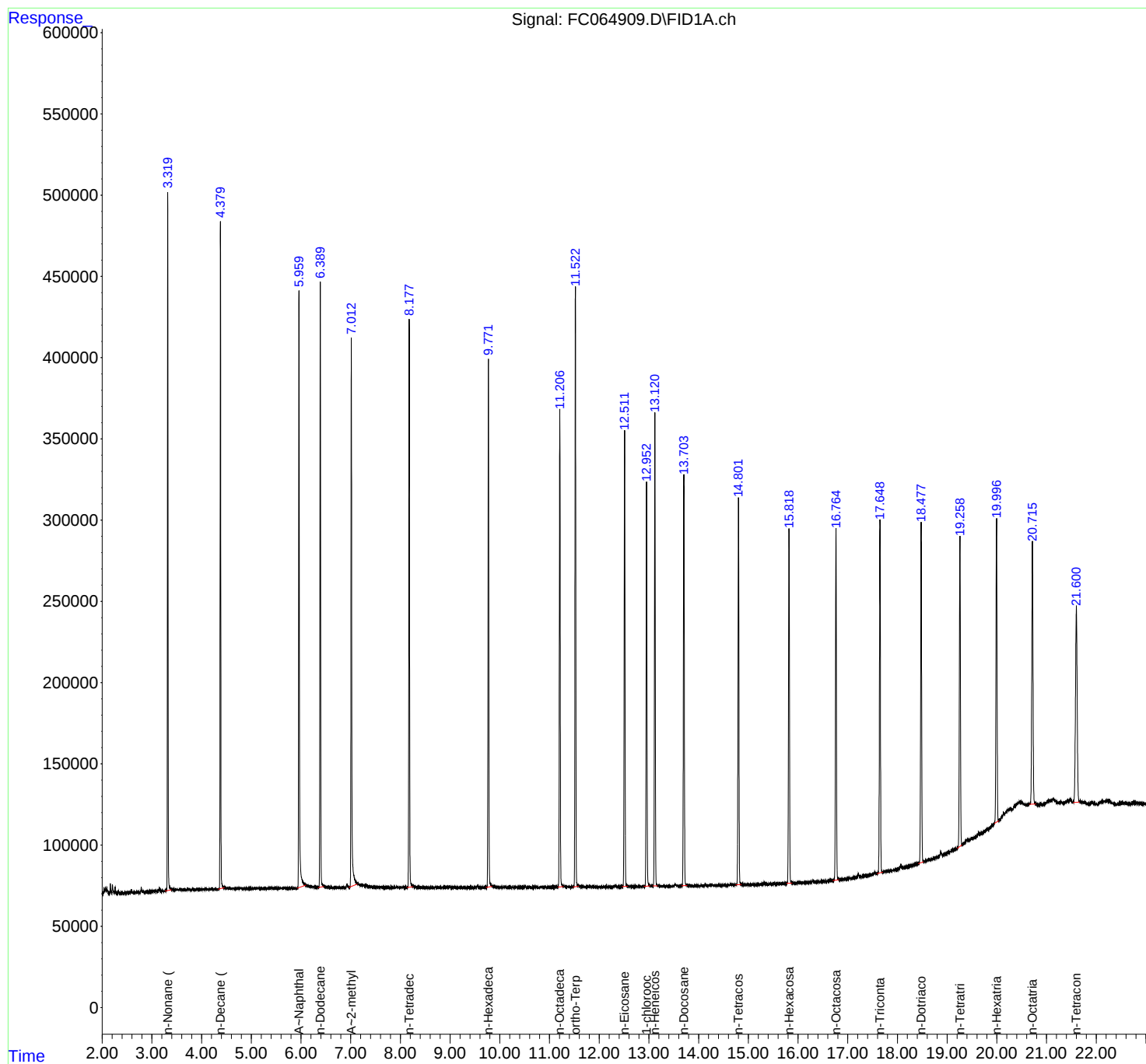
(f)=RT Delta > 1/2 Window

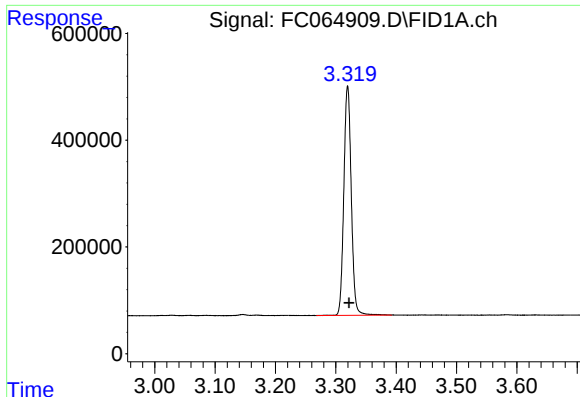
(m)=manual int.

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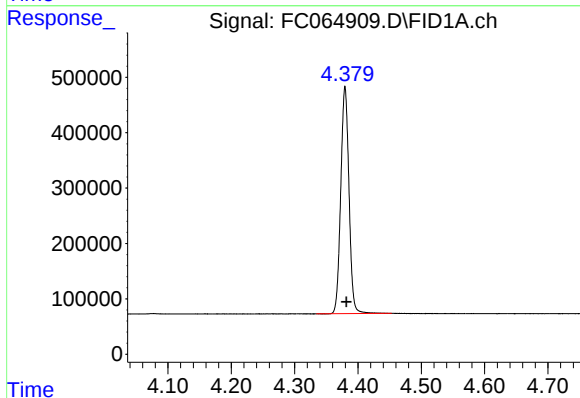
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Signal Info : 20M x 0.18mm x 0.18um





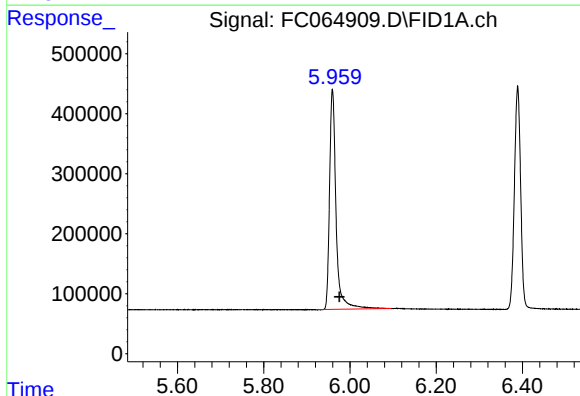
#1 n-Nonane (C9)

R.T.: 3.320 min  
Delta R.T.: -0.002 min  
Response: 3676838  
Conc: 20.02 ug/ml



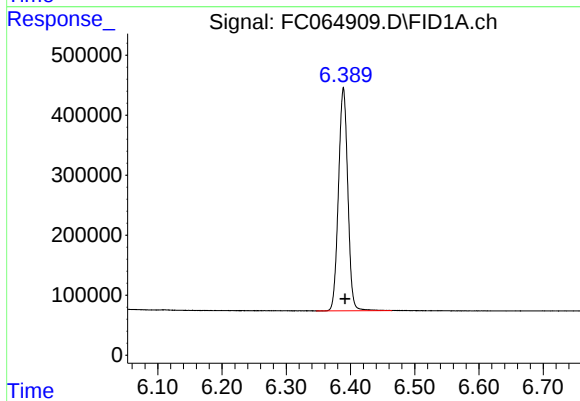
#2 n-Decane (C10)

R.T.: 4.380 min  
Delta R.T.: -0.002 min  
Response: 3702478  
Conc: 20.24 ug/ml



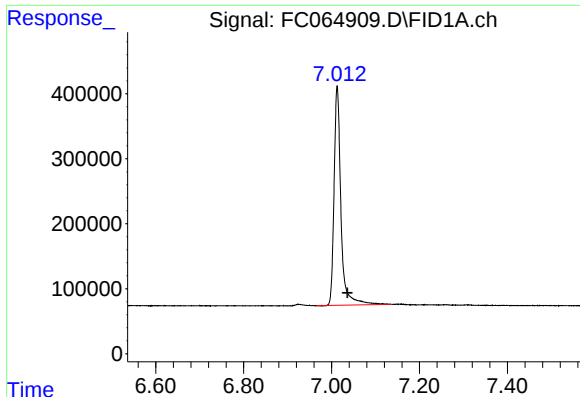
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min  
Delta R.T.: -0.016 min  
Response: 3852309  
Conc: 20.31 ug/ml



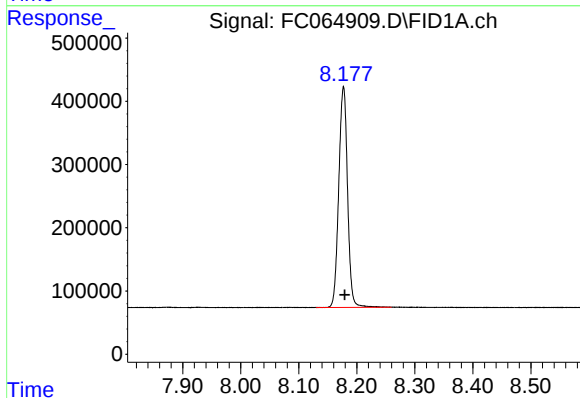
#4 n-Dodecane (C12)

R.T.: 6.389 min  
Delta R.T.: -0.003 min  
Response: 3746990  
Conc: 20.10 ug/ml



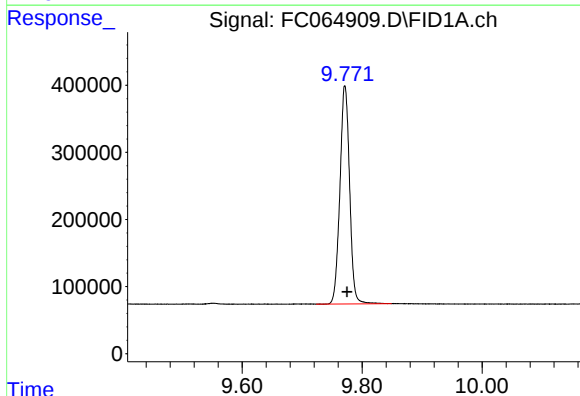
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min  
Delta R.T.: -0.023 min  
Response: 3677306  
Conc: 21.00 ug/ml



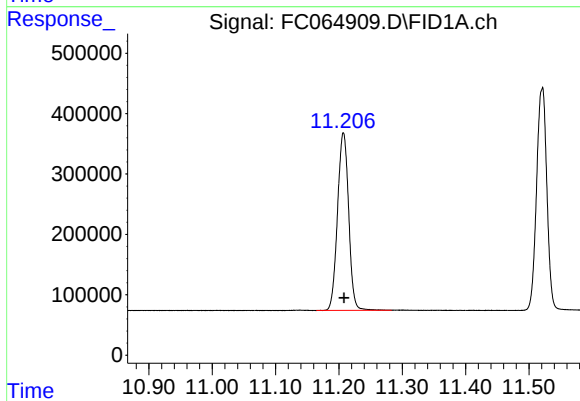
#6 n-Tetradecane (C14)

R.T.: 8.177 min  
Delta R.T.: -0.002 min  
Response: 3666583  
Conc: 20.42 ug/ml



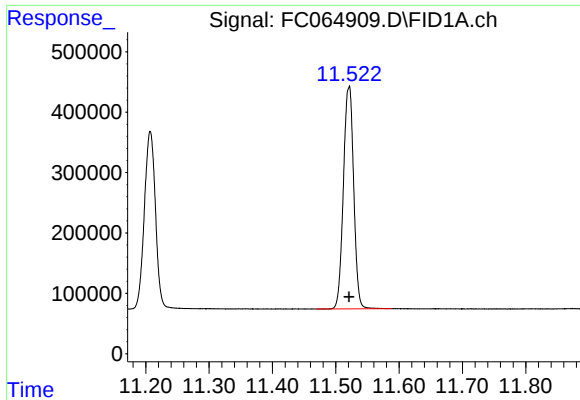
#7 n-Hexadecane (C16)

R.T.: 9.771 min  
Delta R.T.: -0.003 min  
Response: 3638196  
Conc: 20.45 ug/ml



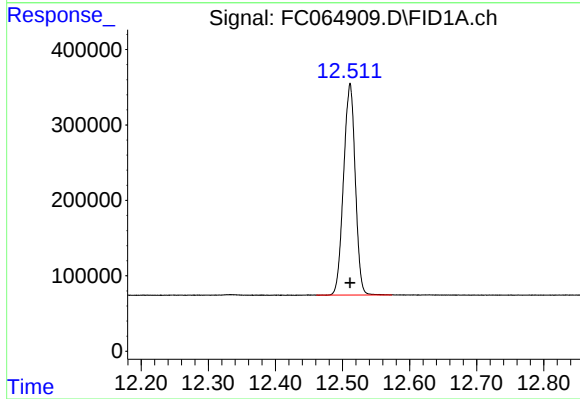
#8 n-Octadecane (C18)

R.T.: 11.207 min  
Delta R.T.: 0.000 min  
Response: 3587207  
Conc: 19.99 ug/ml



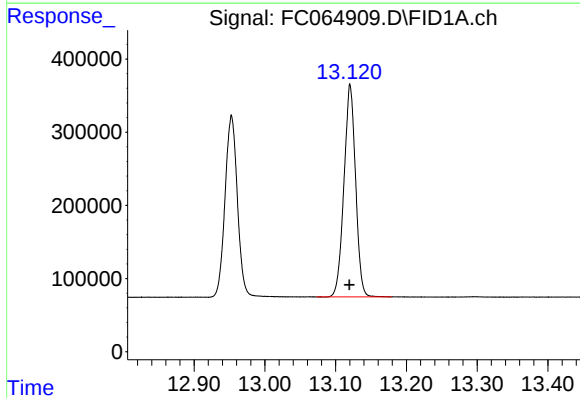
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min  
Delta R.T.: 0.000 min  
Response: 4155873  
Conc: 19.46 ug/ml



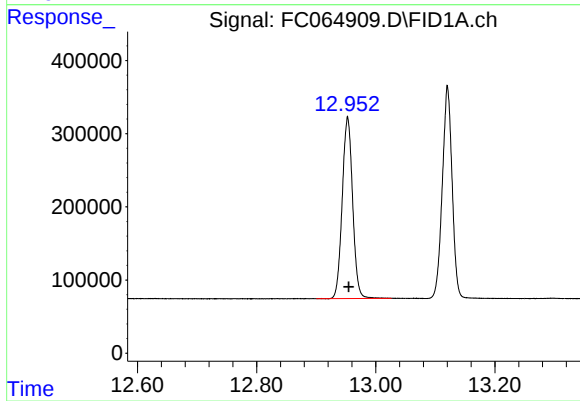
#10 n-Eicosane (C20)

R.T.: 12.511 min  
Delta R.T.: 0.000 min  
Response: 3396783  
Conc: 19.73 ug/ml



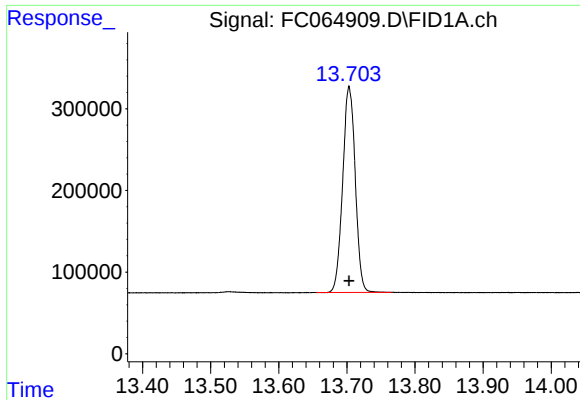
#11 n-Heneicosane (C21)

R.T.: 13.121 min  
Delta R.T.: 0.000 min  
Response: 3311562  
Conc: 19.55 ug/ml



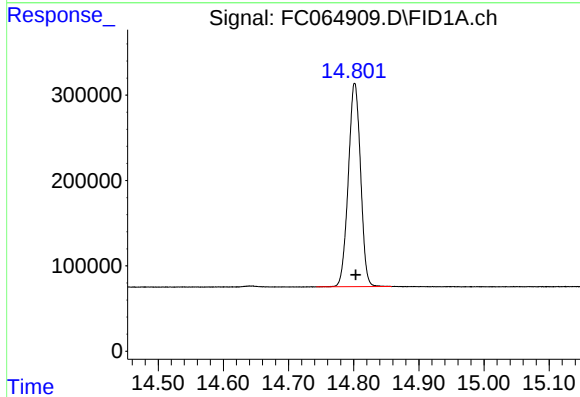
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min  
Delta R.T.: -0.002 min  
Response: 3006584  
Conc: 20.05 ug/ml



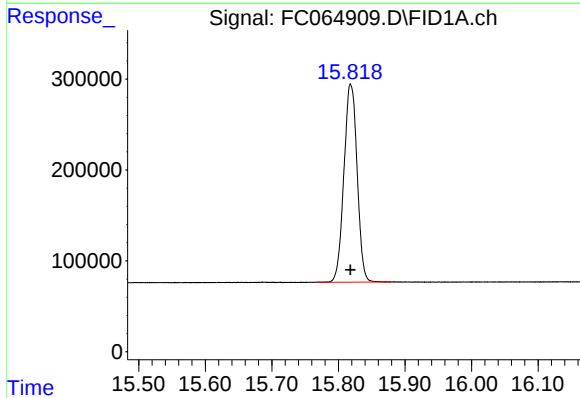
#13 n-Docosane (C22)

R.T.: 13.703 min  
Delta R.T.: 0.000 min  
Response: 3232737  
Conc: 19.62 ug/ml



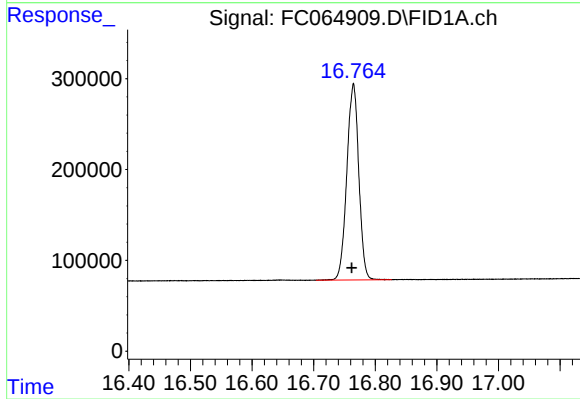
#14 n-Tetracosane (C24)

R.T.: 14.802 min  
Delta R.T.: -0.002 min  
Response: 3116494  
Conc: 19.58 ug/ml



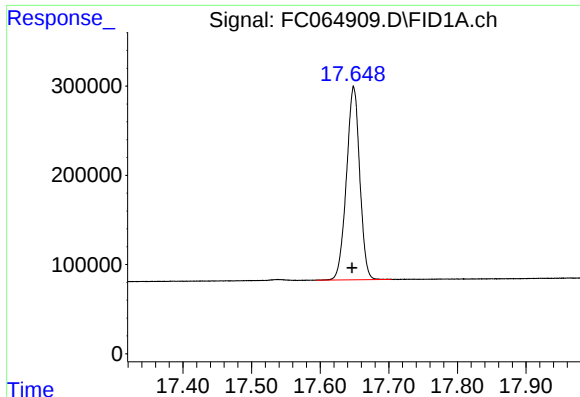
#15 n-Hexacosane (C26)

R.T.: 15.818 min  
Delta R.T.: 0.000 min  
Response: 3005393  
Conc: 19.62 ug/ml



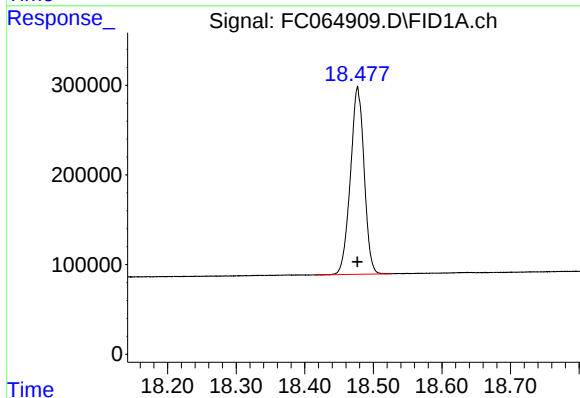
#16 n-Octacosane (C28)

R.T.: 16.765 min  
Delta R.T.: 0.003 min  
Response: 2912716  
Conc: 19.77 ug/ml



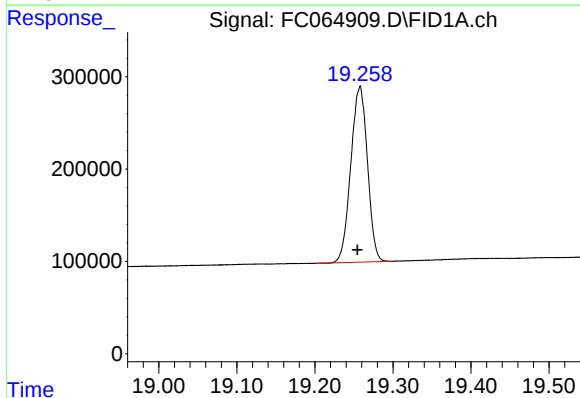
#17 n-Tricontane (C30)

R.T.: 17.649 min  
Delta R.T.: 0.003 min  
Response: 2913776  
Conc: 19.91 ug/ml



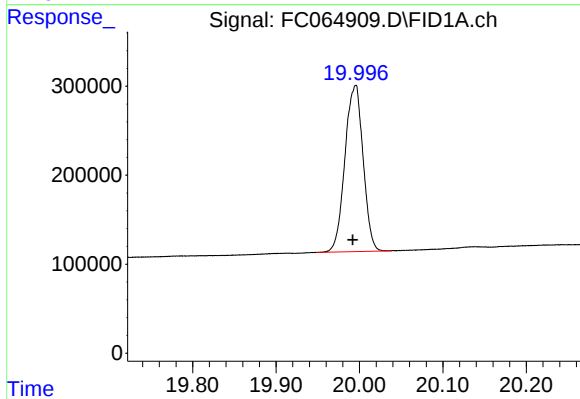
#18 n-Dotriacontane (C32)

R.T.: 18.477 min  
Delta R.T.: 0.000 min  
Response: 2895625  
Conc: 20.05 ug/ml



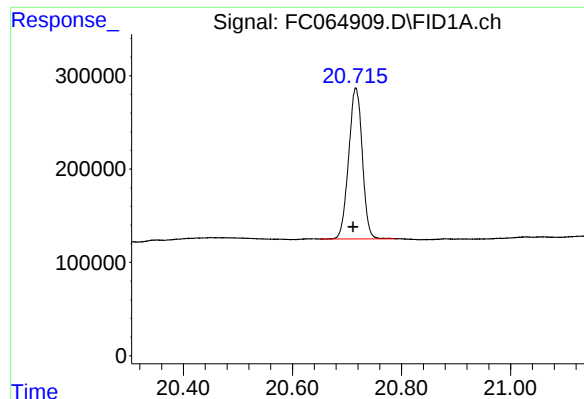
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min  
Delta R.T.: 0.003 min  
Response: 2820590  
Conc: 20.05 ug/ml



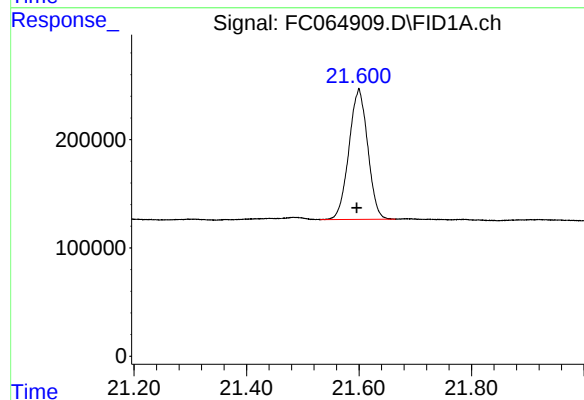
#20 n-Hexatriacontane (C36)

R.T.: 19.996 min  
Delta R.T.: 0.004 min  
Response: 2827257  
Conc: 20.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.716 min  
Delta R.T.: 0.005 min  
Response: 2802848  
Conc: 21.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min  
Delta R.T.: 0.004 min  
Response: 2783421  
Conc: 22.24 ug/ml