

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111018AL\  
 Data File : FC037582.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Nov 2018 9:28  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 11 14:05:31 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 103018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 31 05:57:18 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.314 | 3144307    | 21.652 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.30%        |
| 12) S 1-chlorooctadecane (S... | 12.757 | 2419402    | 21.594 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.19%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.144  | 2568681    | 21.467 ug/ml  |
| 2) T n-Decane (C10)            | 4.203  | 2722199    | 22.524 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.765  | 3082638    | 22.750 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.209  | 2812416    | 22.217 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.815  | 3100180    | 22.562 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.992  | 2855579    | 21.697 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.582  | 2893620    | 21.385 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.015 | 2873241    | 20.497 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.317 | 2874146    | 21.158 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.926 | 2847689    | 21.755 ug/ml  |
| 13) T n-Docosane (C22)         | 13.509 | 2859800    | 22.028 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.609 | 2919168    | 22.932 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.624 | 2976182    | 23.781 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.570 | 3129369    | 24.672 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.454 | 3388012    | 24.585 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.284 | 3533141    | 23.139 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.064 | 3478134    | 24.717 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.803 | 3357462    | 24.807 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.503 | 3301580    | 24.576 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.317 | 3243020    | 22.109 ug/mlm |
| -----                          |        |            |               |

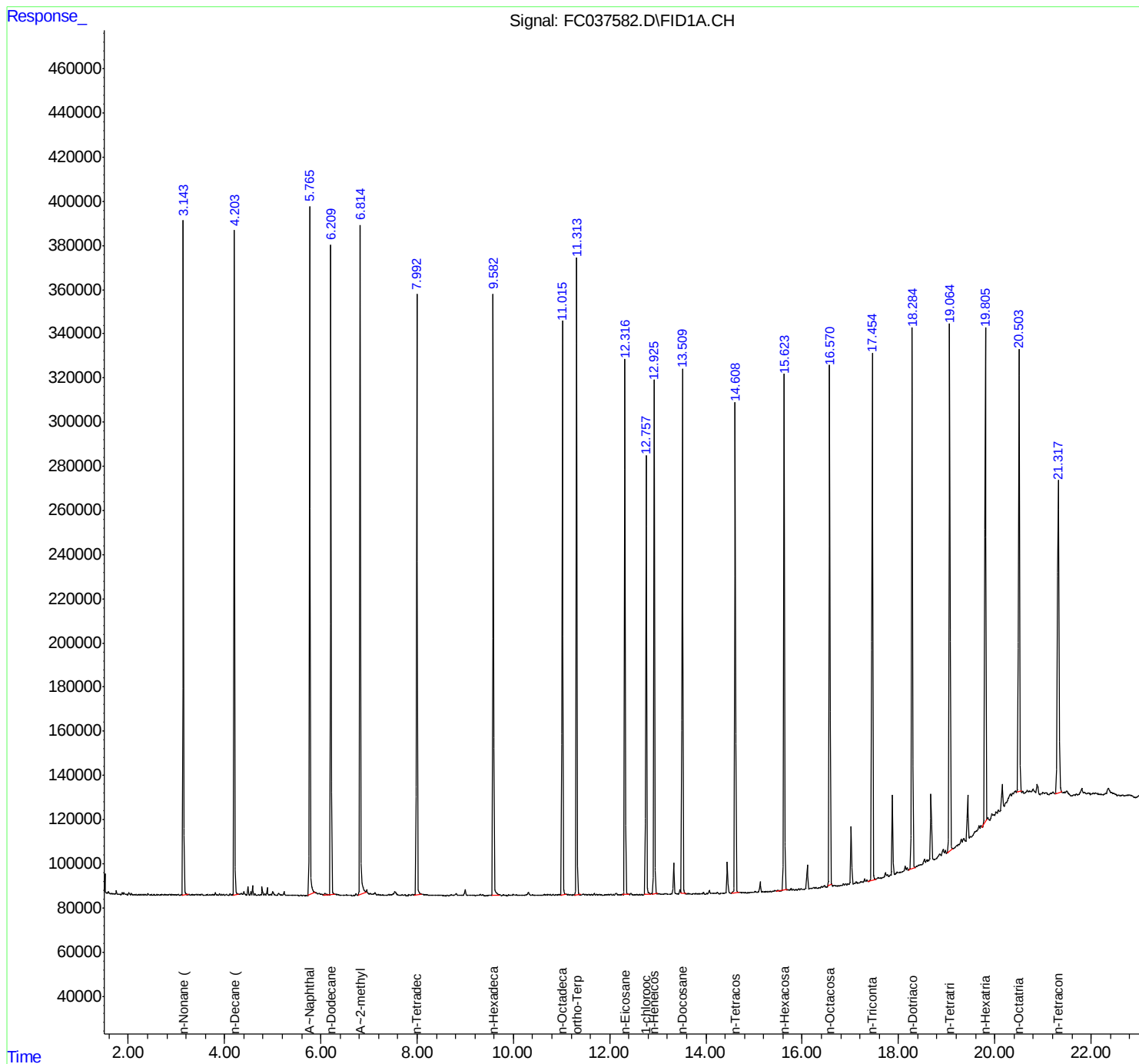
(f)=RT Delta > 1/2 Window

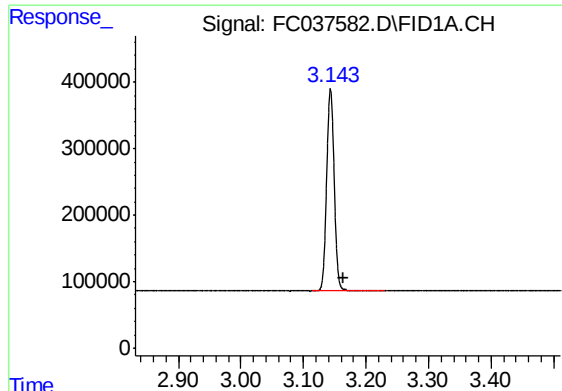
(m)=manual int.

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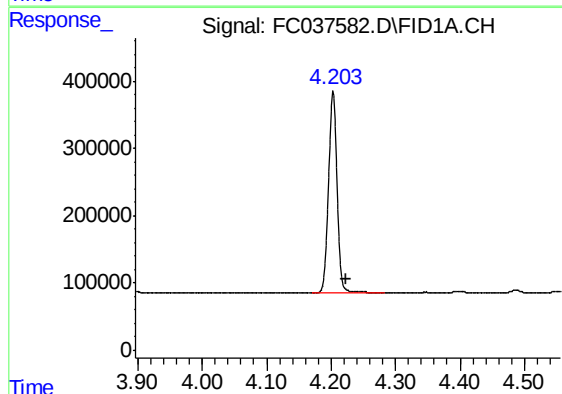
Volume Inj. : 1 ul  
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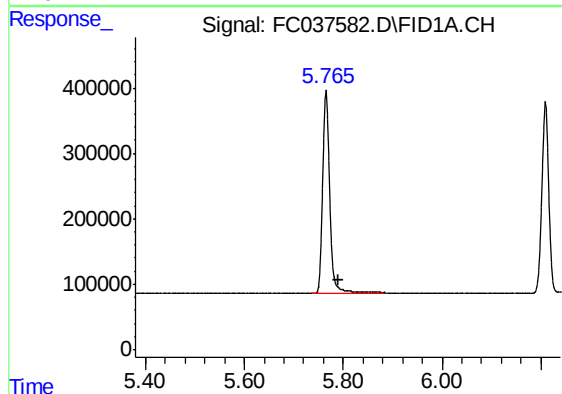
#1 n-Nonane (C9)

R.T.: 3.144 min  
Delta R.T.: -0.020 min  
Response: 2568681  
Conc: 21.47 ug/ml



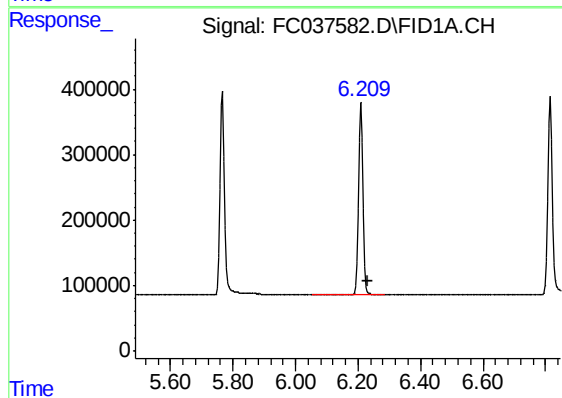
#2 n-Decane (C10)

R.T.: 4.203 min  
Delta R.T.: -0.020 min  
Response: 2722199  
Conc: 22.52 ug/ml



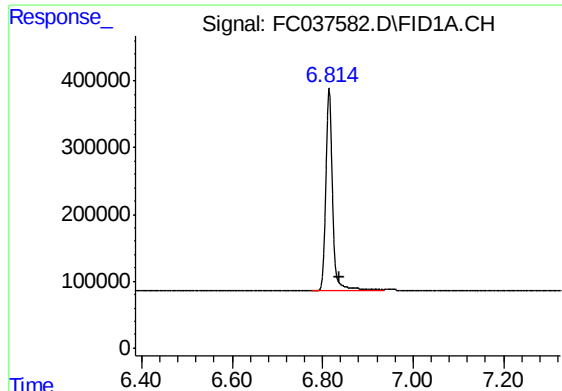
#3 A~Naphthalene (C11.7)

R.T.: 5.765 min  
Delta R.T.: -0.024 min  
Response: 3082638  
Conc: 22.75 ug/ml



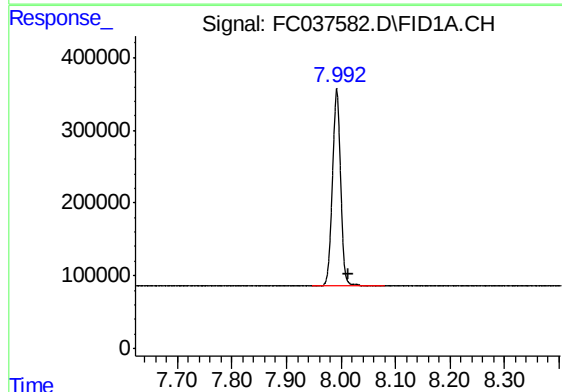
#4 n-Dodecane (C12)

R.T.: 6.209 min  
Delta R.T.: -0.020 min  
Response: 2812416  
Conc: 22.22 ug/ml



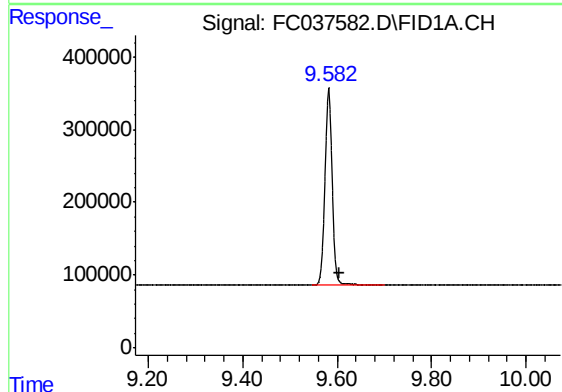
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.815 min  
Delta R.T.: -0.024 min  
Response: 3100180  
Conc: 22.56 ug/ml



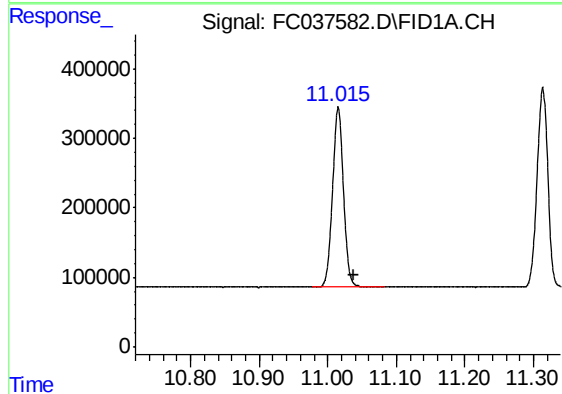
#6 n-Tetradecane (C14)

R.T.: 7.992 min  
Delta R.T.: -0.021 min  
Response: 2855579  
Conc: 21.70 ug/ml



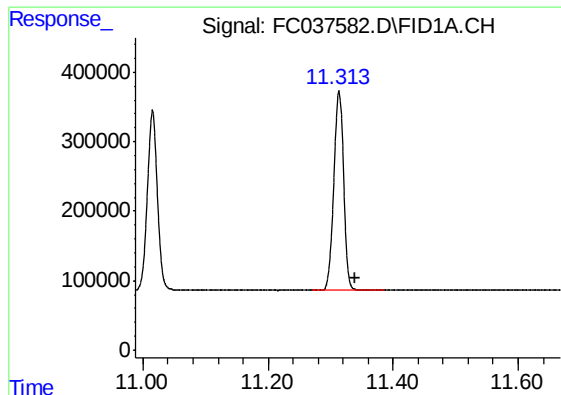
#7 n-Hexadecane (C16)

R.T.: 9.582 min  
Delta R.T.: -0.022 min  
Response: 2893620  
Conc: 21.39 ug/ml



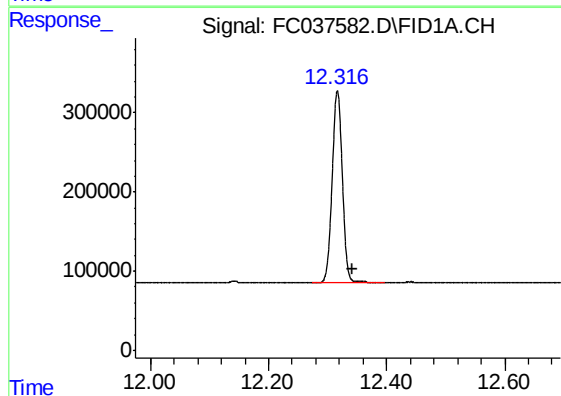
#8 n-Octadecane (C18)

R.T.: 11.015 min  
Delta R.T.: -0.023 min  
Response: 2873241  
Conc: 20.50 ug/ml



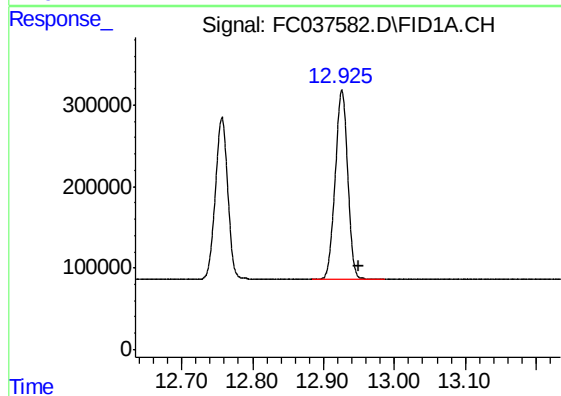
#9 ortho-Terphenyl (SURR)

R.T.: 11.314 min  
Delta R.T.: -0.025 min  
Response: 3144307  
Conc: 21.65 ug/ml



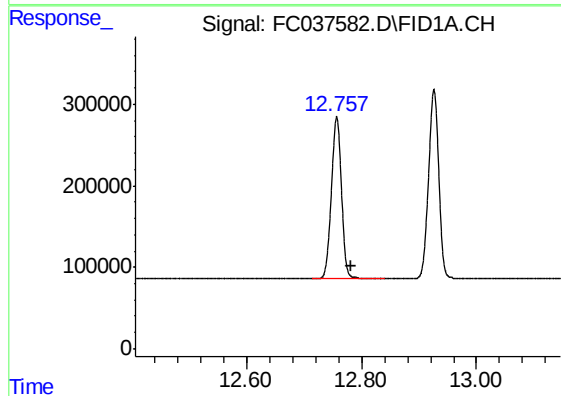
#10 n-Eicosane (C20)

R.T.: 12.317 min  
Delta R.T.: -0.025 min  
Response: 2874146  
Conc: 21.16 ug/ml



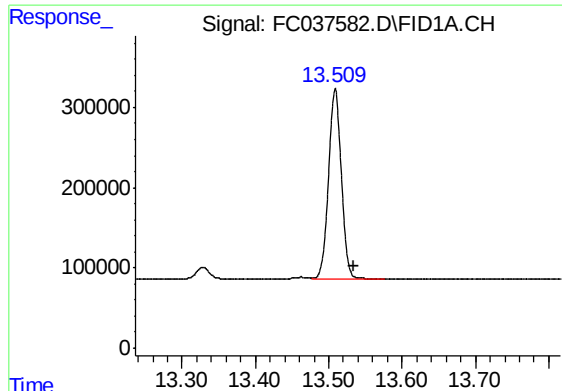
#11 n-Heneicosane (C21)

R.T.: 12.926 min  
Delta R.T.: -0.024 min  
Response: 2847689  
Conc: 21.76 ug/ml



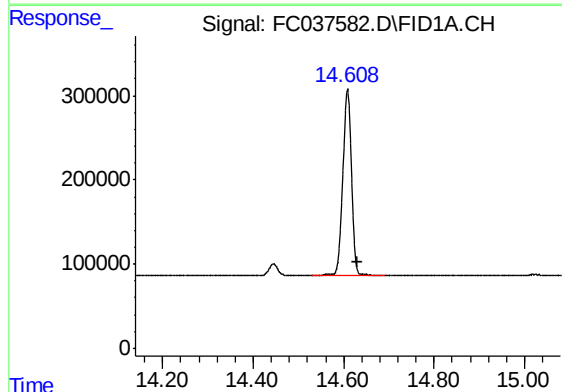
#12 1-chlorooctadecane (SURR)

R.T.: 12.757 min  
Delta R.T.: -0.025 min  
Response: 2419402  
Conc: 21.59 ug/ml



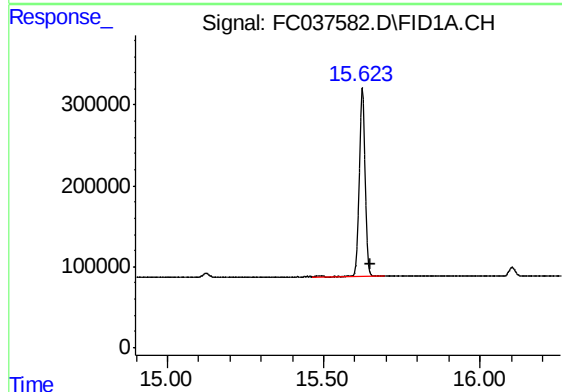
#13 n-Docosane (C22)

R.T.: 13.509 min  
Delta R.T.: -0.026 min  
Response: 2859800  
Conc: 22.03 ug/ml



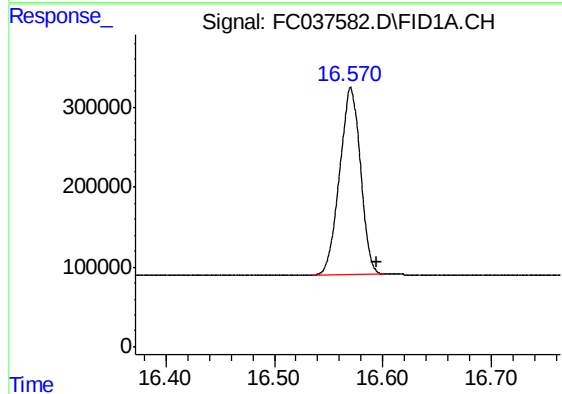
#14 n-Tetracosane (C24)

R.T.: 14.609 min  
Delta R.T.: -0.023 min  
Response: 2919168  
Conc: 22.93 ug/ml



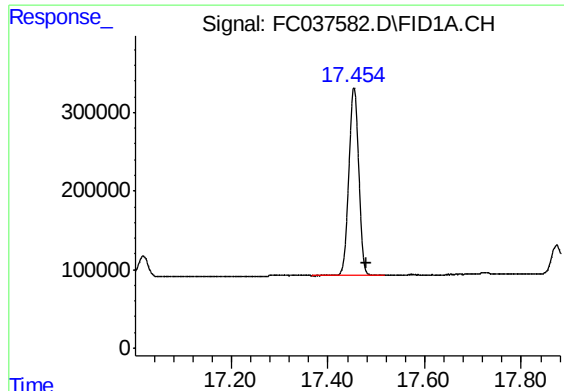
#15 n-Hexacosane (C26)

R.T.: 15.624 min  
Delta R.T.: -0.024 min  
Response: 2976182  
Conc: 23.78 ug/ml



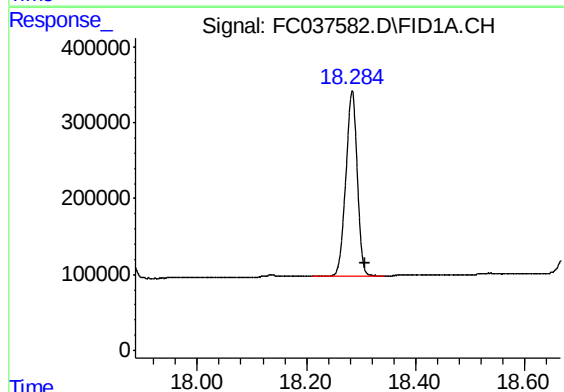
#16 n-Octacosane (C28)

R.T.: 16.570 min  
Delta R.T.: -0.025 min  
Response: 3129369  
Conc: 24.67 ug/ml m



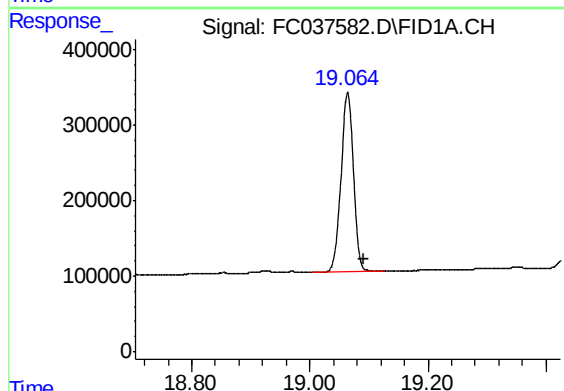
#17 n-Tricontane (C30)

R.T.: 17.454 min  
Delta R.T.: -0.025 min  
Response: 3388012  
Conc: 24.58 ug/ml



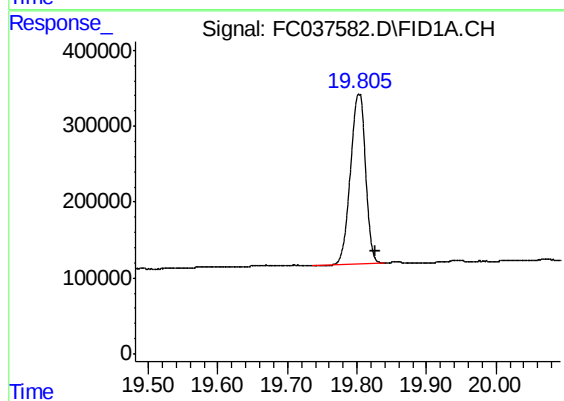
#18 n-Dotriacontane (C32)

R.T.: 18.284 min  
Delta R.T.: -0.025 min  
Response: 3533141  
Conc: 23.14 ug/ml



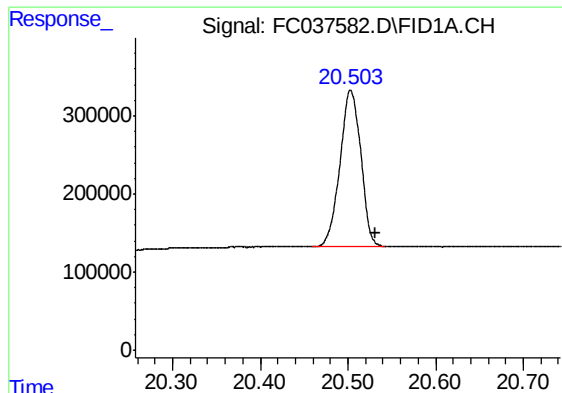
#19 n-Tetatriacontane (C34)

R.T.: 19.064 min  
Delta R.T.: -0.027 min  
Response: 3478134  
Conc: 24.72 ug/ml



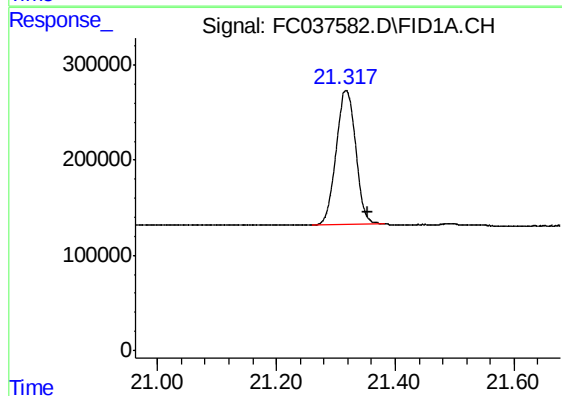
#20 n-Hexatriacontane (C36)

R.T.: 19.803 min  
Delta R.T.: -0.023 min  
Response: 3357462  
Conc: 24.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.503 min  
Delta R.T.: -0.029 min  
Response: 3301580  
Conc: 24.58 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.317 min  
Delta R.T.: -0.037 min  
Response: 3243020  
Conc: 22.11 ug/ml m