

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110418AL\  
 Data File : FC037365.D  
 Signal(s) : FID1A.CH  
 Acq On : 05 Nov 2018 12:42  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 05 13:19:54 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)    | 11.324 | 2853851    | 19.652 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.30%       |
| 12) S 1-chlorooctadecane (S... | 12.767 | 2216697    | 19.785 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.151  | 2537137    | 21.204 ug/ml |
| 2) T n-Decane (C10)            | 4.210  | 2625993    | 21.728 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.774  | 2917660    | 21.533 ug/ml |
| 4) T n-Dodecane (C12)          | 6.218  | 2657302    | 20.992 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.824  | 2884208    | 20.991 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.001  | 2661341    | 20.221 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.592  | 2664063    | 19.689 ug/ml |
| 8) T n-Octadecane (C18)        | 11.026 | 2645113    | 18.869 ug/ml |
| 10) T n-Eicosane (C20)         | 12.328 | 2635430    | 19.400 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.937 | 2602328    | 19.881 ug/ml |
| 13) T n-Docosane (C22)         | 13.520 | 2594546    | 19.985 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.618 | 2600019    | 20.425 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.634 | 2589059    | 20.688 ug/ml |
| 16) T n-Octacosane (C28)       | 16.580 | 2653645    | 20.922 ug/ml |
| 17) T n-Tricontane (C30)       | 17.465 | 2711753    | 19.678 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.292 | 2813925    | 18.429 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.073 | 2832321    | 20.128 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.811 | 2806096    | 20.734 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.514 | 2806677    | 20.892 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.333 | 2842519    | 19.378 ug/ml |
| -----                          |        |            |              |

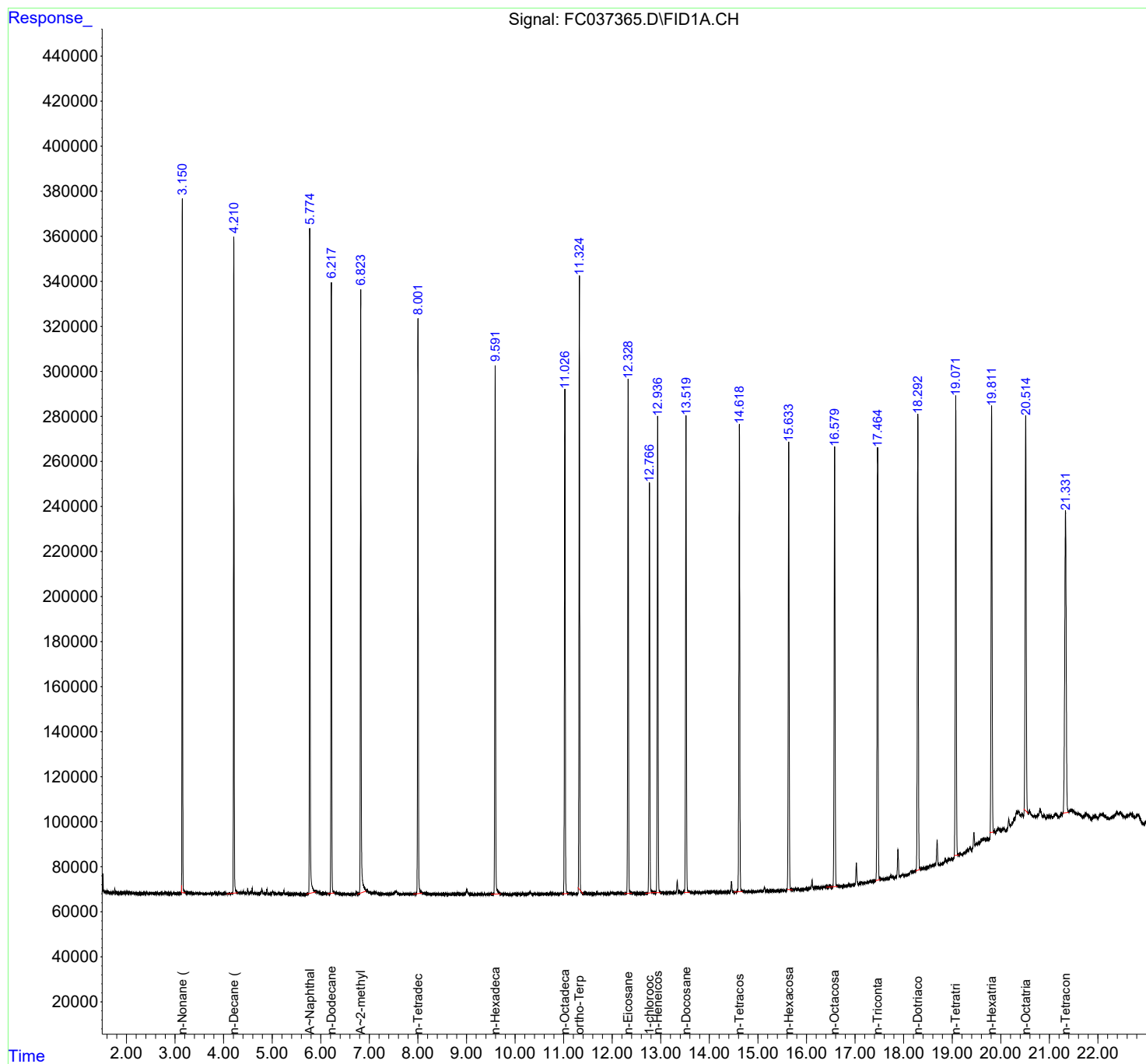
(f)=RT Delta > 1/2 Window

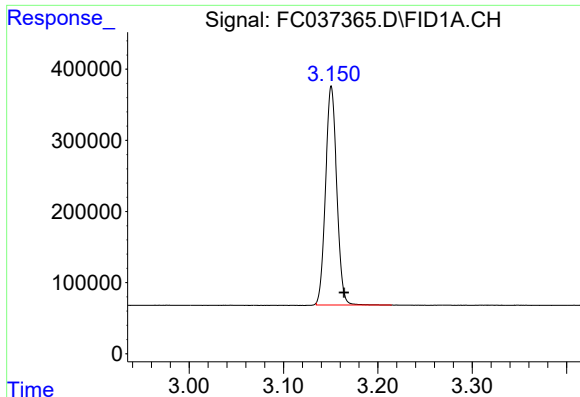
(m)=manual int.

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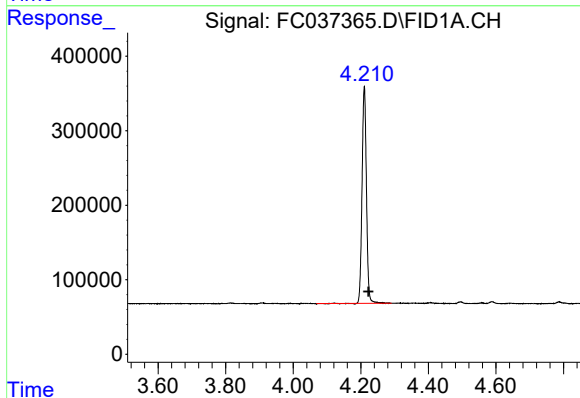
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





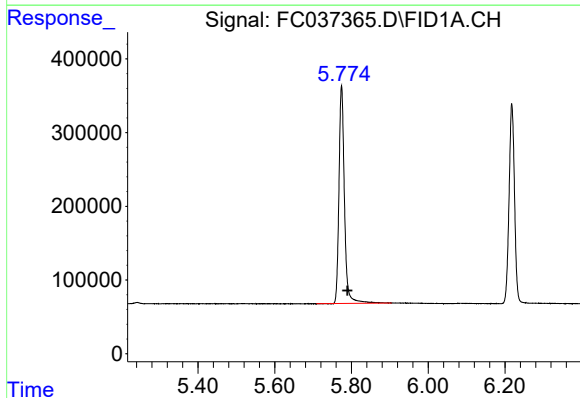
#1 n-Nonane (C9)

R.T.: 3.151 min  
Delta R.T.: -0.013 min  
Response: 2537137  
Conc: 21.20 ug/ml



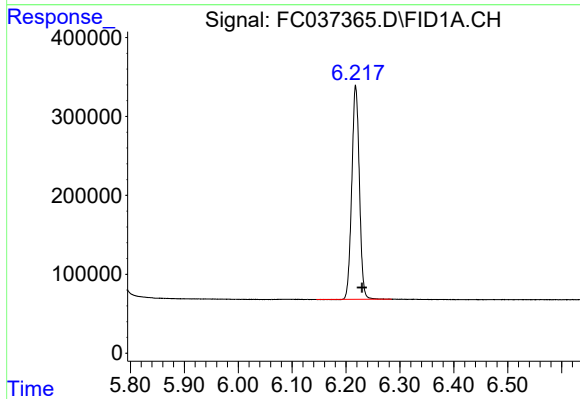
#2 n-Decane (C10)

R.T.: 4.210 min  
Delta R.T.: -0.012 min  
Response: 2625993  
Conc: 21.73 ug/ml



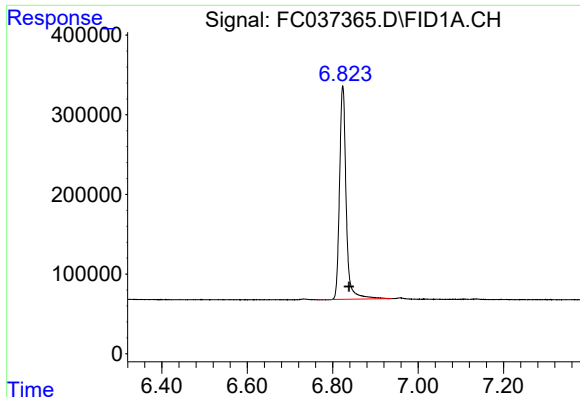
#3 A~Naphthalene (C11.7)

R.T.: 5.774 min  
Delta R.T.: -0.015 min  
Response: 2917660  
Conc: 21.53 ug/ml



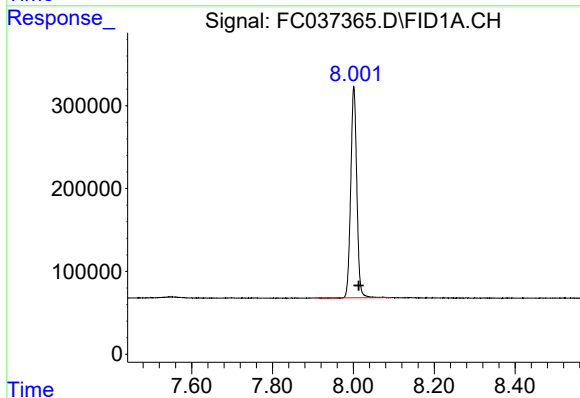
#4 n-Dodecane (C12)

R.T.: 6.218 min  
Delta R.T.: -0.012 min  
Response: 2657302  
Conc: 20.99 ug/ml



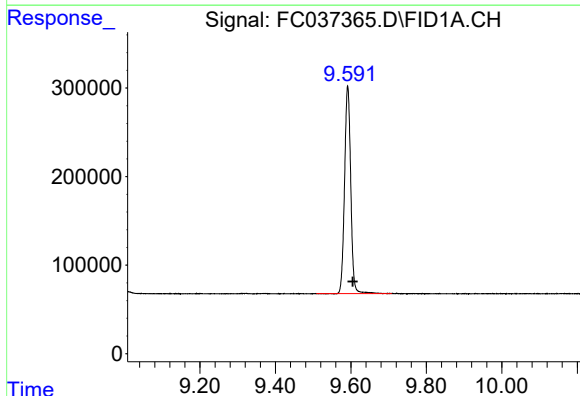
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.824 min  
Delta R.T.: -0.015 min  
Response: 2884208  
Conc: 20.99 ug/ml



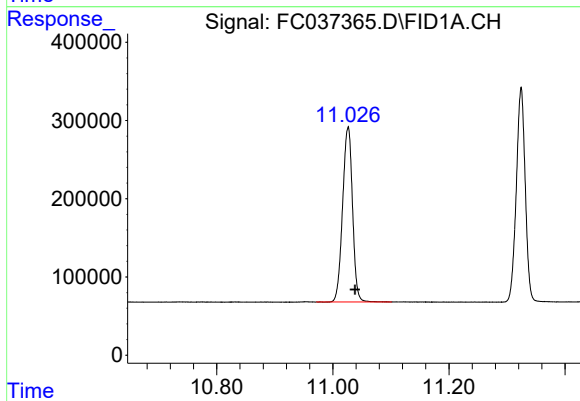
#6 n-Tetradecane (C14)

R.T.: 8.001 min  
Delta R.T.: -0.012 min  
Response: 2661341  
Conc: 20.22 ug/ml



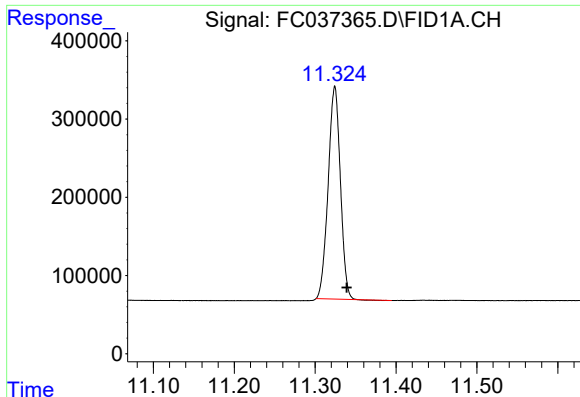
#7 n-Hexadecane (C16)

R.T.: 9.592 min  
Delta R.T.: -0.013 min  
Response: 2664063  
Conc: 19.69 ug/ml



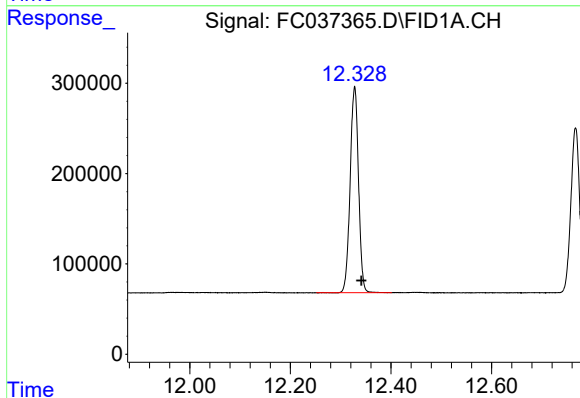
#8 n-Octadecane (C18)

R.T.: 11.026 min  
Delta R.T.: -0.012 min  
Response: 2645113  
Conc: 18.87 ug/ml



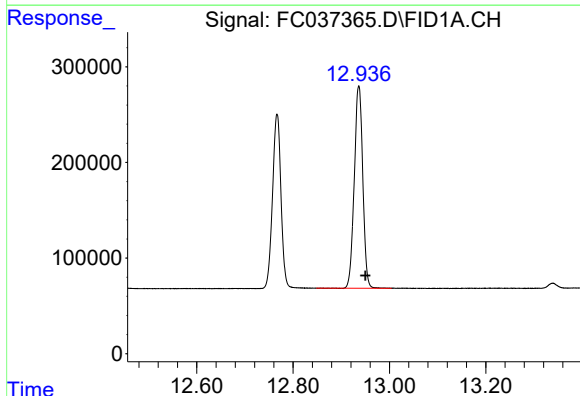
#9 ortho-Terphenyl (SURR)

R.T.: 11.324 min  
Delta R.T.: -0.015 min  
Response: 2853851  
Conc: 19.65 ug/ml



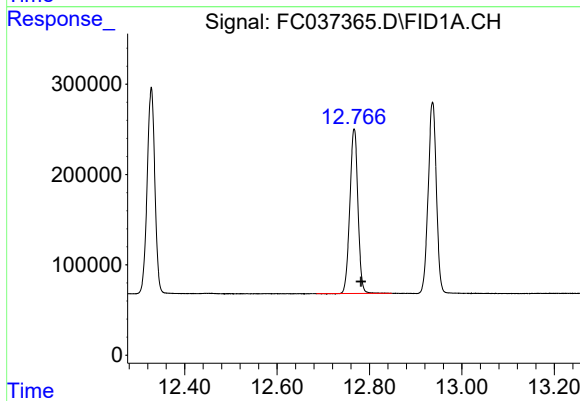
#10 n-Eicosane (C20)

R.T.: 12.328 min  
Delta R.T.: -0.014 min  
Response: 2635430  
Conc: 19.40 ug/ml



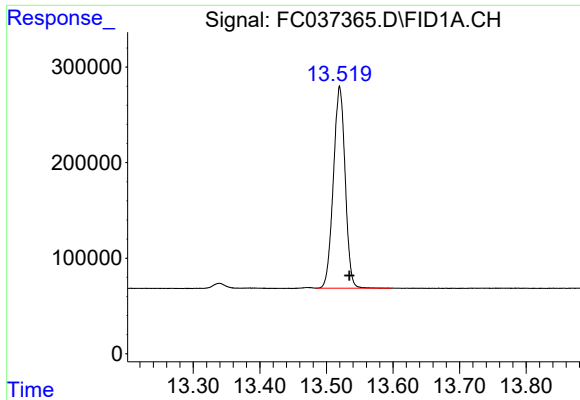
#11 n-Heneicosane (C21)

R.T.: 12.937 min  
Delta R.T.: -0.014 min  
Response: 2602328  
Conc: 19.88 ug/ml



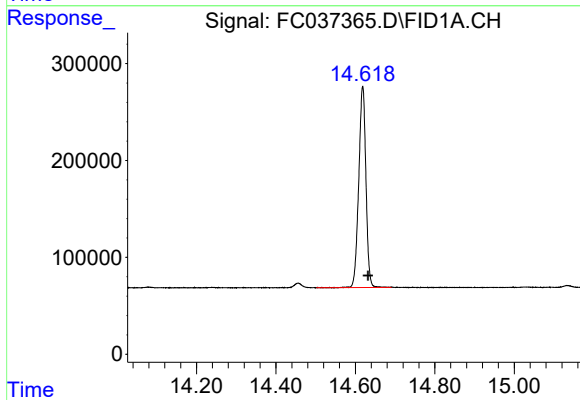
#12 1-chlorooctadecane (SURR)

R.T.: 12.767 min  
Delta R.T.: -0.015 min  
Response: 2216697  
Conc: 19.78 ug/ml



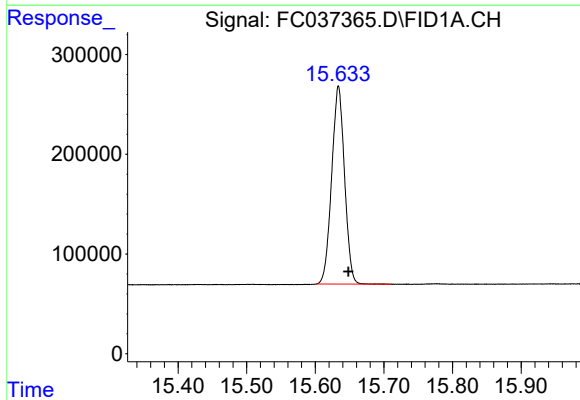
#13 n-Docosane (C22)

R.T.: 13.520 min  
Delta R.T.: -0.014 min  
Response: 2594546  
Conc: 19.98 ug/ml



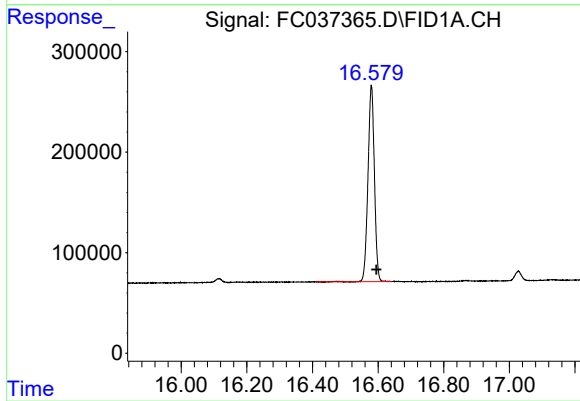
#14 n-Tetracosane (C24)

R.T.: 14.618 min  
Delta R.T.: -0.013 min  
Response: 2600019  
Conc: 20.43 ug/ml



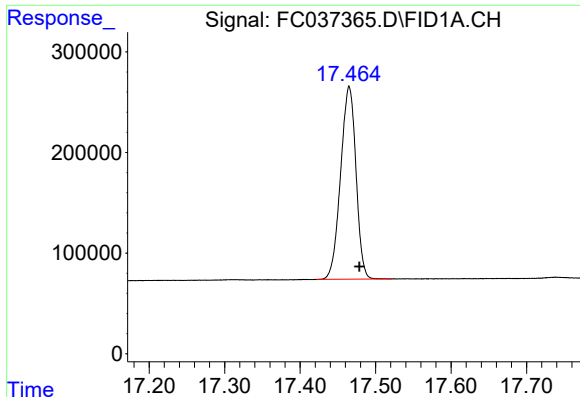
#15 n-Hexacosane (C26)

R.T.: 15.634 min  
Delta R.T.: -0.014 min  
Response: 2589059  
Conc: 20.69 ug/ml



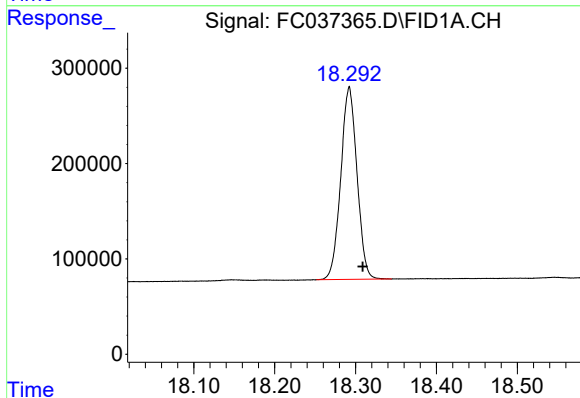
#16 n-Octacosane (C28)

R.T.: 16.580 min  
Delta R.T.: -0.015 min  
Response: 2653645  
Conc: 20.92 ug/ml



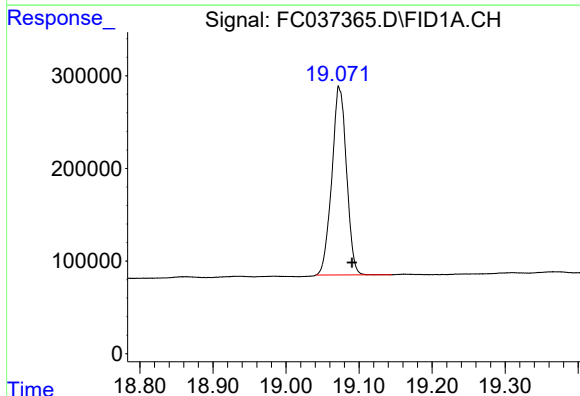
#17 n-Tricontane (C30)

R.T.: 17.465 min  
Delta R.T.: -0.014 min  
Response: 2711753  
Conc: 19.68 ug/ml



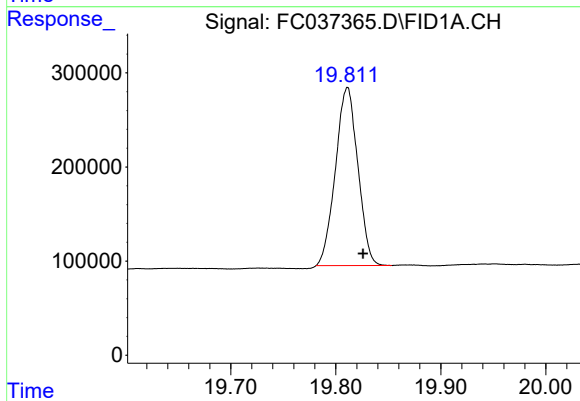
#18 n-Dotriacontane (C32)

R.T.: 18.292 min  
Delta R.T.: -0.017 min  
Response: 2813925  
Conc: 18.43 ug/ml



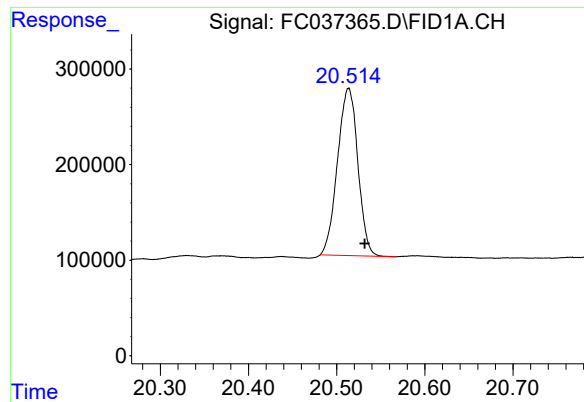
#19 n-Tetratriacontane (C34)

R.T.: 19.073 min  
Delta R.T.: -0.017 min  
Response: 2832321  
Conc: 20.13 ug/ml



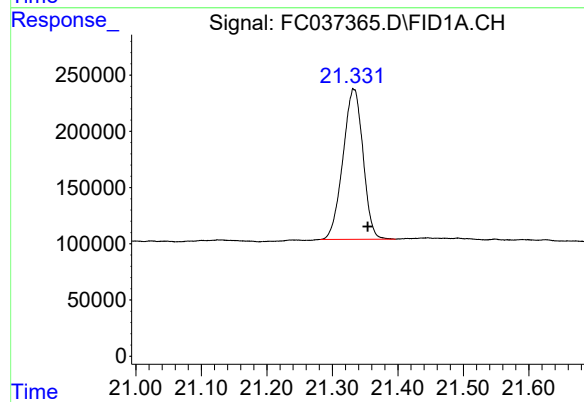
#20 n-Hexatriacontane (C36)

R.T.: 19.811 min  
Delta R.T.: -0.015 min  
Response: 2806096  
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.514 min  
Delta R.T.: -0.018 min  
Response: 2806677  
Conc: 20.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.333 min  
Delta R.T.: -0.021 min  
Response: 2842519  
Conc: 19.38 ug/ml