

Data Path : P:\HPCHEM1\FID D\Data\FD050418AL\  
 Data File : FD023455.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 May 2018 11:39  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 05 06:41:58 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 041718.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 18 01:21:26 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)    | 11.130 | 2659797    | 20.492 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.98%       |
| 12) S 1-chlorooctadecane (S... | 12.570 | 2189740    | 20.504 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.01%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.000  | 2615298    | 21.249 ug/ml |
| 2) T n-Decane (C10)            | 4.044  | 2647652    | 21.164 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.601  | 2772201    | 21.949 ug/ml |
| 4) T n-Dodecane (C12)          | 6.038  | 2659368    | 20.663 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.649  | 2696668    | 21.328 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.816  | 2624548    | 20.122 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.402  | 2552171    | 19.775 ug/ml |
| 8) T n-Octadecane (C18)        | 10.832 | 2497567    | 19.970 ug/ml |
| 10) T n-Eicosane (C20)         | 12.132 | 2531925    | 20.369 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.738 | 2490787    | 20.362 ug/ml |
| 13) T n-Docosane (C22)         | 13.321 | 2706160    | 22.309 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.416 | 2806760    | 23.689 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.431 | 2911588    | 25.004 ug/ml |
| 16) T n-Octacosane (C28)       | 16.375 | 3132868    | 26.599 ug/ml |
| 17) T n-Tricontane (C30)       | 17.257 | 3193490    | 27.357 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.085 | 3157770    | 26.100 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.865 | 2955318    | 24.348 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.601 | 2819845    | 23.313 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.299 | 2962123    | 24.278 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.045 | 2558760    | 20.291 ug/ml |
| -----                          |        |            |              |

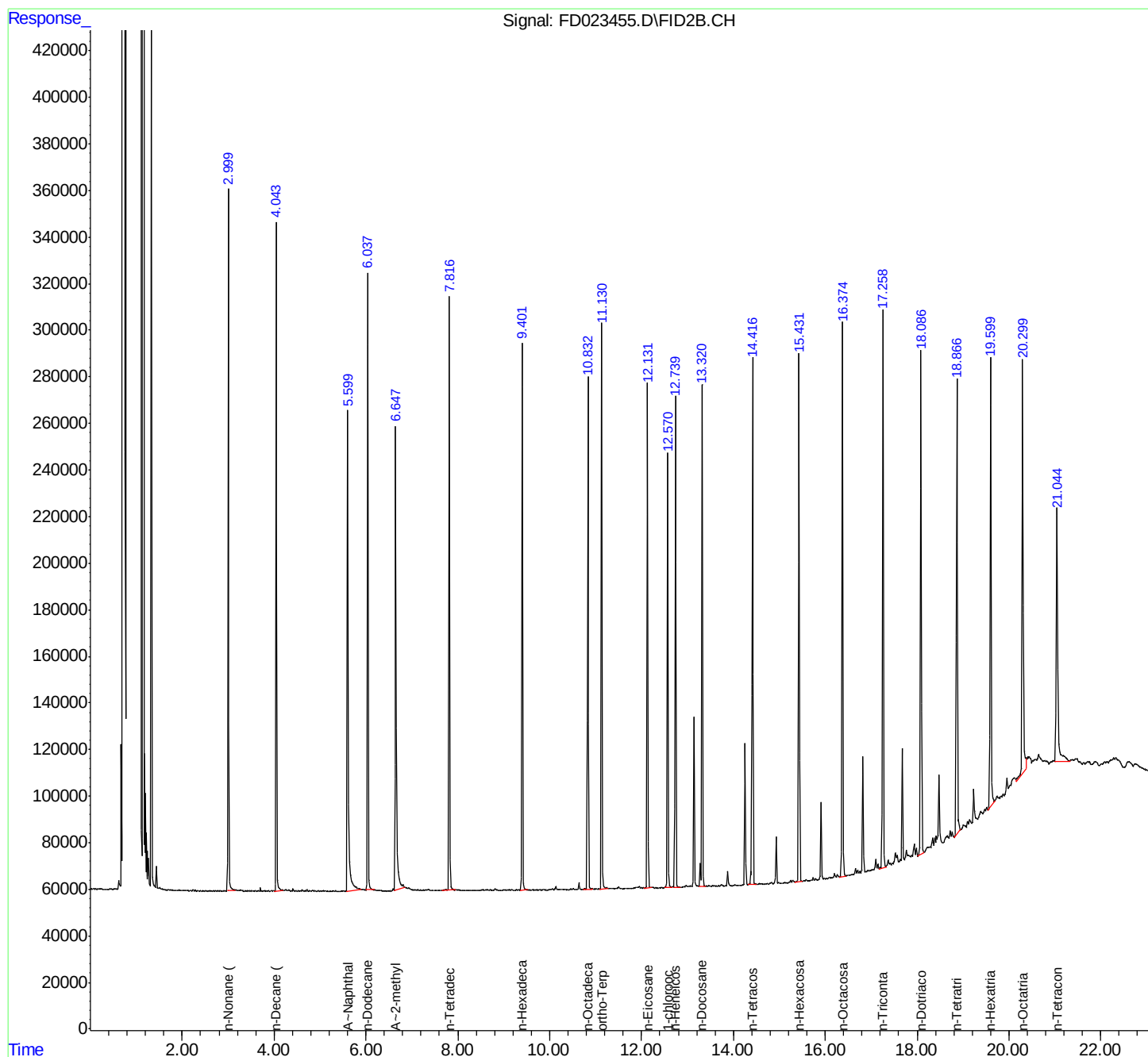
(f)=RT Delta > 1/2 Window

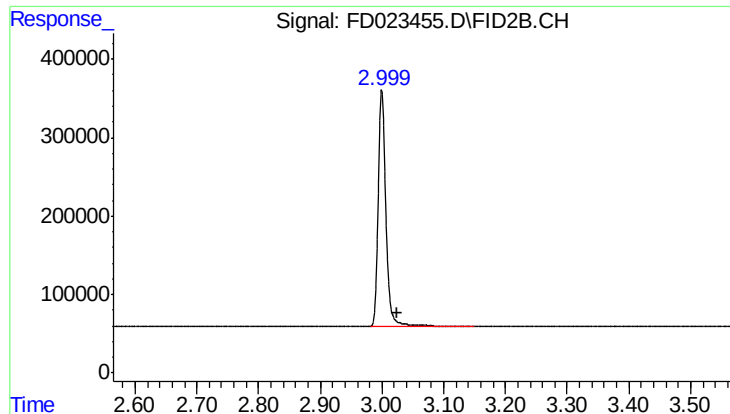
(m)=manual int.

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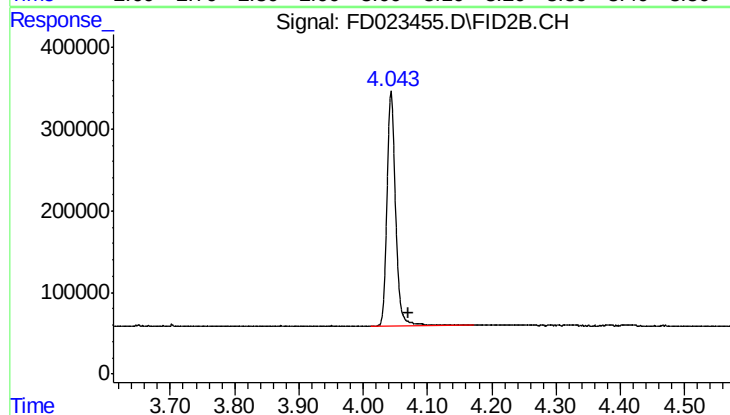
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





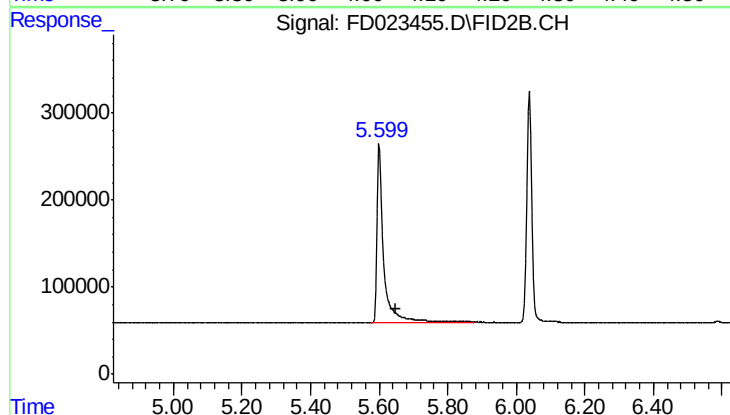
#1 n-Nonane (C9)

R.T.: 3.000 min  
Delta R.T.: -0.025 min  
Response: 2615298  
Conc: 21.25 ug/ml



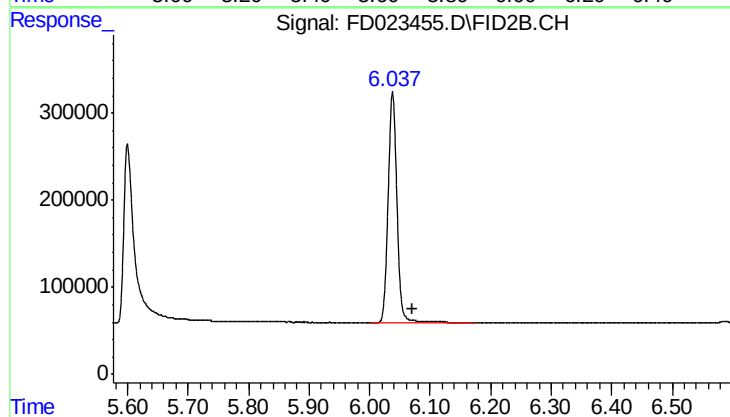
#2 n-Decane (C10)

R.T.: 4.044 min  
Delta R.T.: -0.028 min  
Response: 2647652  
Conc: 21.16 ug/ml



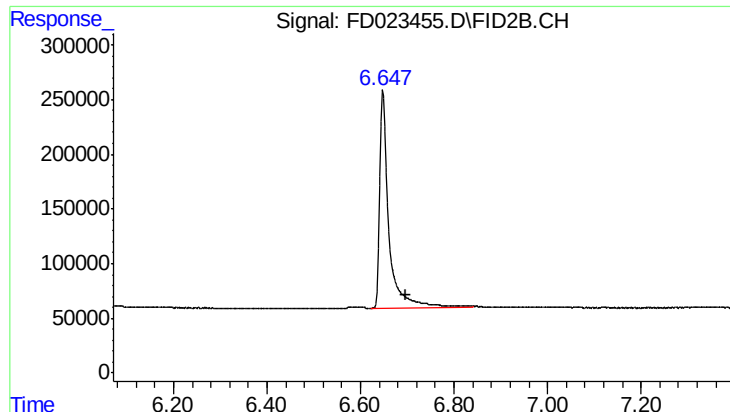
#3 A~Naphthalene (C11.7)

R.T.: 5.601 min  
Delta R.T.: -0.047 min  
Response: 2772201  
Conc: 21.95 ug/ml



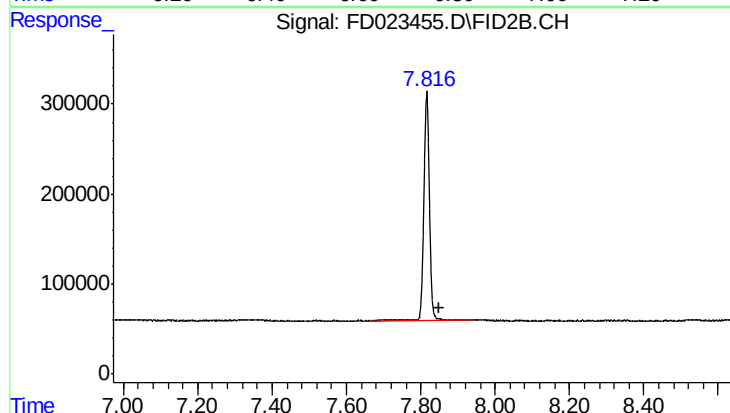
#4 n-Dodecane (C12)

R.T.: 6.038 min  
Delta R.T.: -0.032 min  
Response: 2659368  
Conc: 20.66 ug/ml



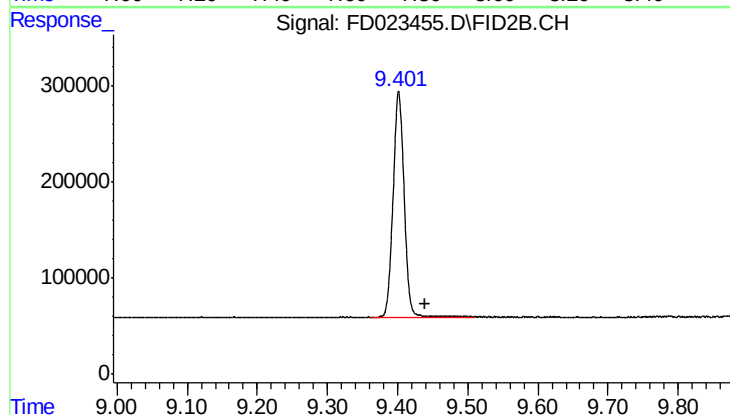
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.649 min  
Delta R.T.: -0.048 min  
Response: 2696668  
Conc: 21.33 ug/ml



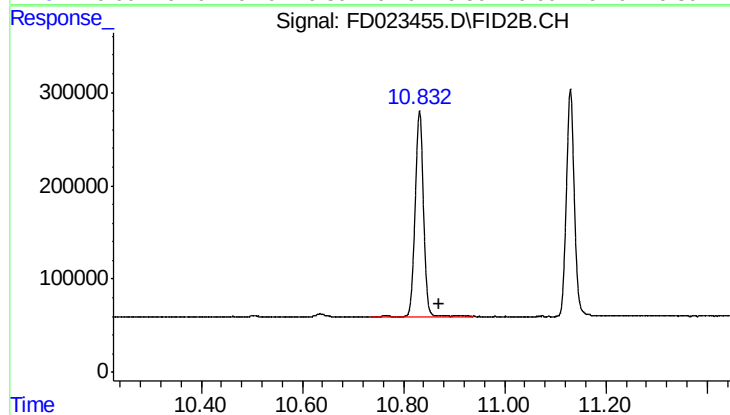
#6 n-Tetradecane (C14)

R.T.: 7.816 min  
Delta R.T.: -0.035 min  
Response: 2624548  
Conc: 20.12 ug/ml



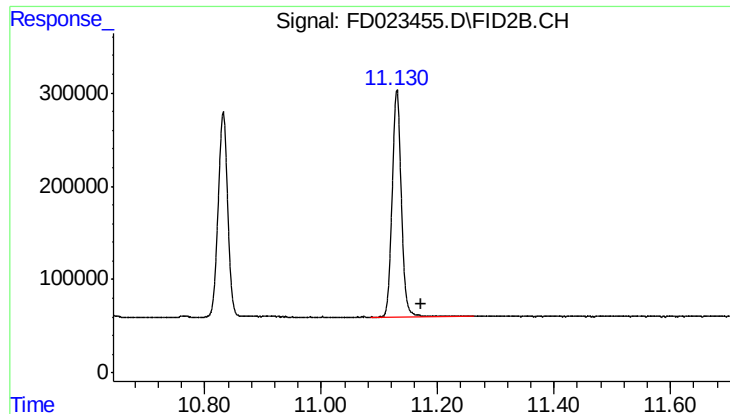
#7 n-Hexadecane (C16)

R.T.: 9.402 min  
Delta R.T.: -0.038 min  
Response: 2552171  
Conc: 19.77 ug/ml



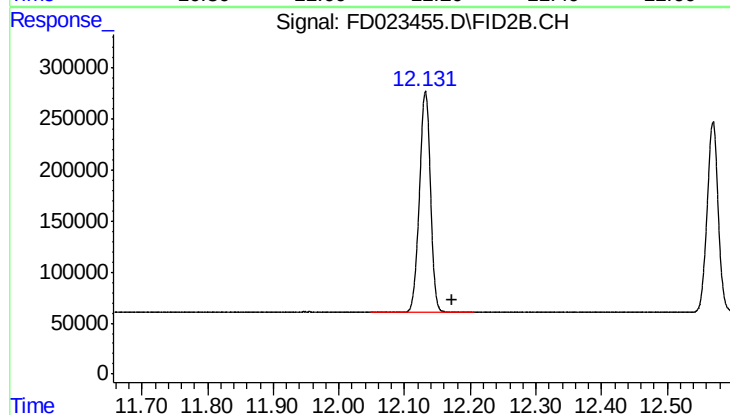
#8 n-Octadecane (C18)

R.T.: 10.832 min  
Delta R.T.: -0.039 min  
Response: 2497567  
Conc: 19.97 ug/ml



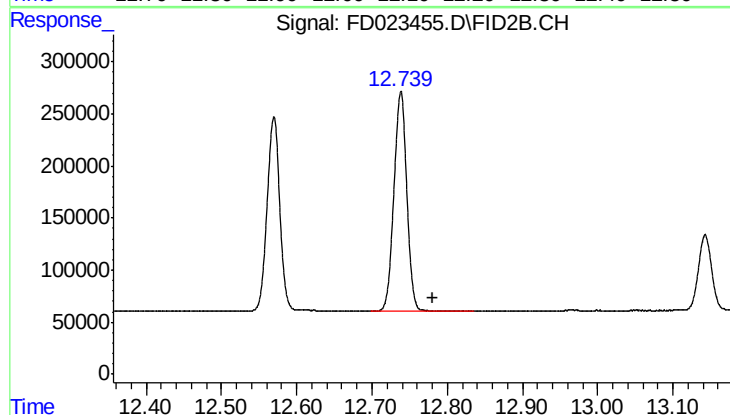
#9 ortho-Terphenyl (SURR)

R.T.: 11.130 min  
Delta R.T.: -0.043 min  
Response: 2659797  
Conc: 20.49 ug/ml



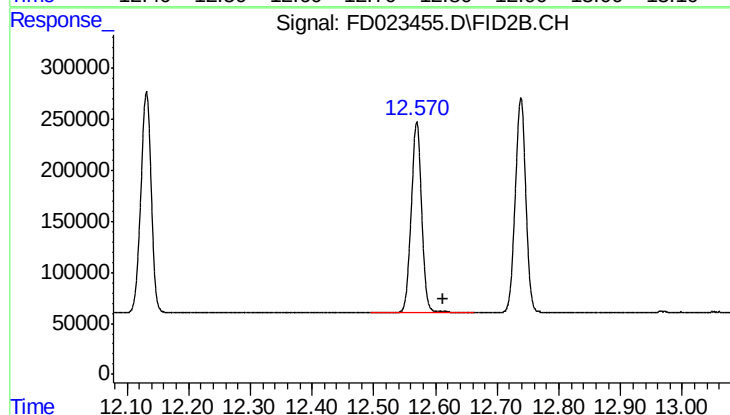
#10 n-Eicosane (C20)

R.T.: 12.132 min  
Delta R.T.: -0.040 min  
Response: 2531925  
Conc: 20.37 ug/ml



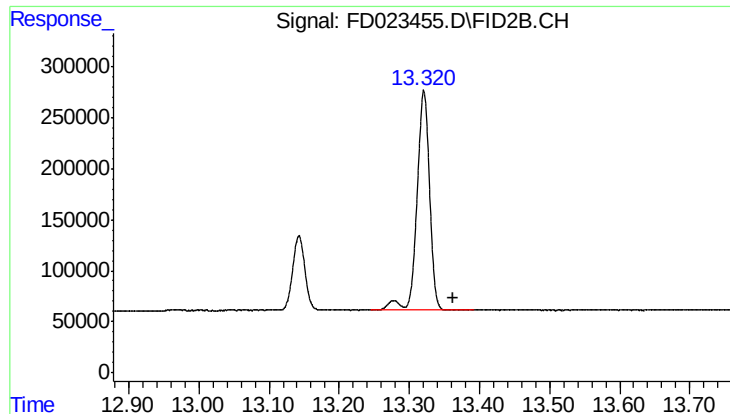
#11 n-Heneicosane (C21)

R.T.: 12.738 min  
Delta R.T.: -0.042 min  
Response: 2490787  
Conc: 20.36 ug/ml



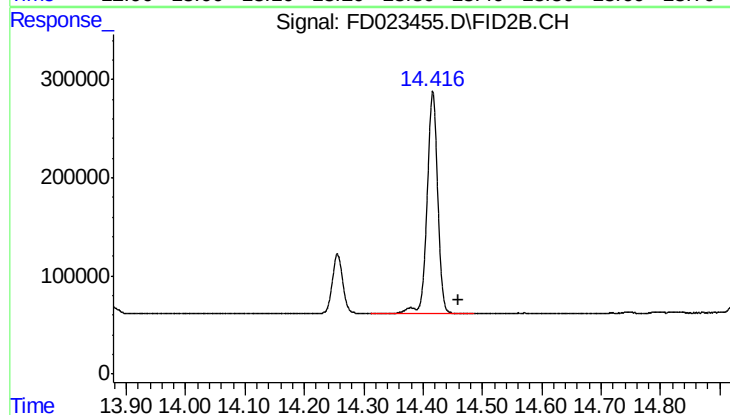
#12 1-chlorooctadecane (SURR)

R.T.: 12.570 min  
Delta R.T.: -0.043 min  
Response: 2189740  
Conc: 20.50 ug/ml



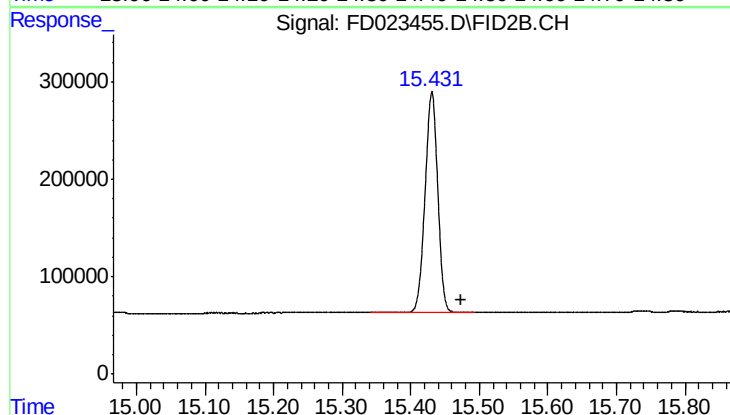
#13 n-Docosane (C22)

R.T.: 13.321 min  
Delta R.T.: -0.042 min  
Response: 2706160  
Conc: 22.31 ug/ml



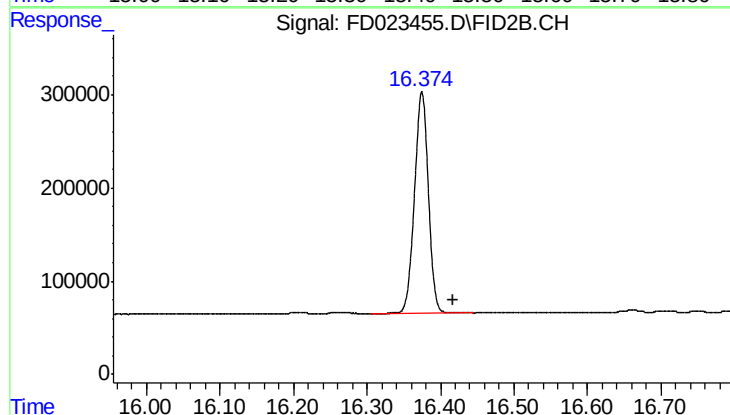
#14 n-Tetracosane (C24)

R.T.: 14.416 min  
Delta R.T.: -0.043 min  
Response: 2806760  
Conc: 23.69 ug/ml



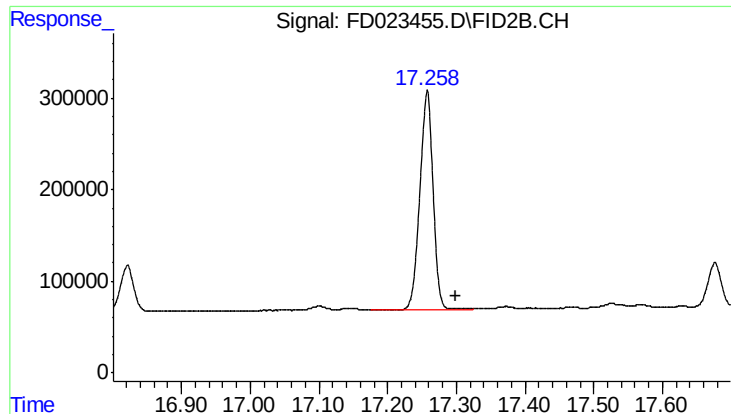
#15 n-Hexacosane (C26)

R.T.: 15.431 min  
Delta R.T.: -0.042 min  
Response: 2911588  
Conc: 25.00 ug/ml



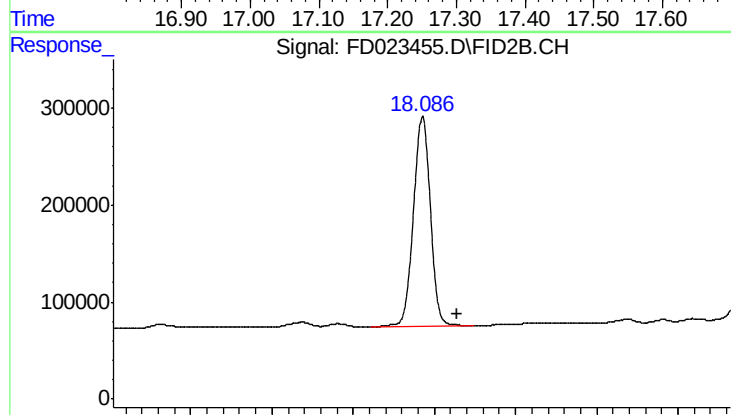
#16 n-Octacosane (C28)

R.T.: 16.375 min  
Delta R.T.: -0.043 min  
Response: 3132868  
Conc: 26.60 ug/ml



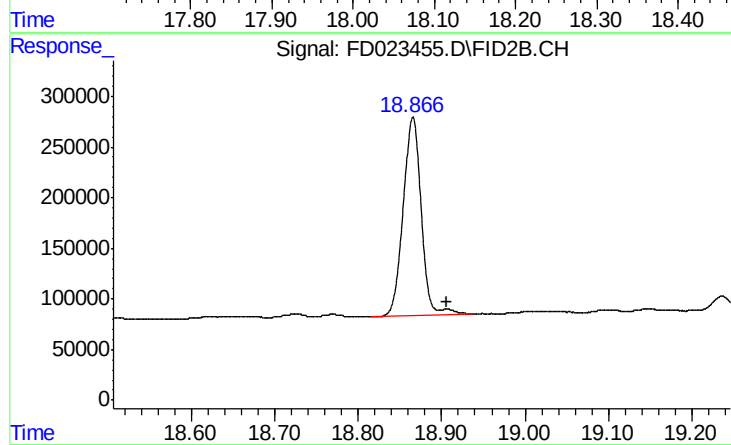
#17 n-Tricontane (C30)

R.T.: 17.257 min  
Delta R.T.: -0.042 min  
Response: 3193490  
Conc: 27.36 ug/ml



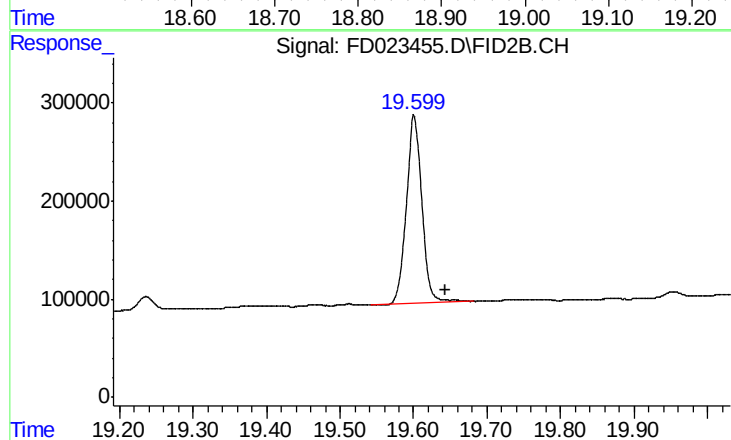
#18 n-Dotriacontane (C32)

R.T.: 18.085 min  
Delta R.T.: -0.042 min  
Response: 3157770  
Conc: 26.10 ug/ml



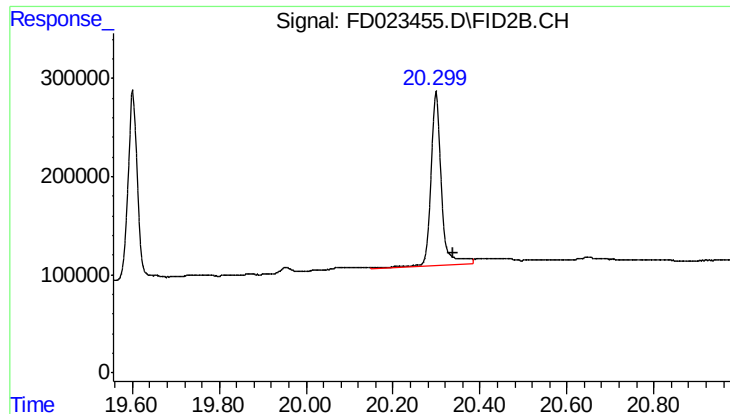
#19 n-Tetratriacontane (C34)

R.T.: 18.865 min  
Delta R.T.: -0.041 min  
Response: 2955318  
Conc: 24.35 ug/ml



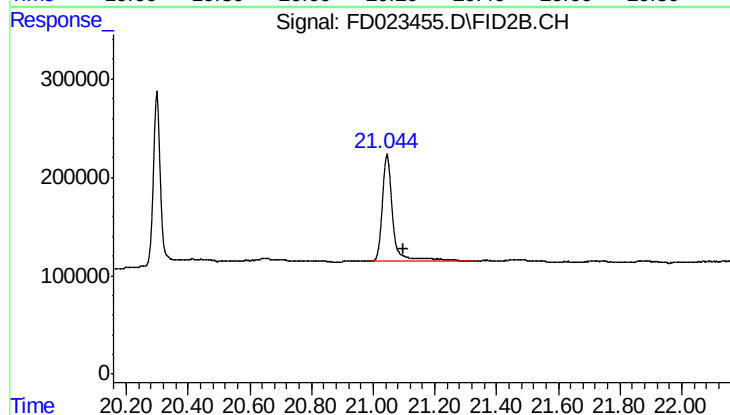
#20 n-Hexatriacontane (C36)

R.T.: 19.601 min  
Delta R.T.: -0.042 min  
Response: 2819845  
Conc: 23.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.299 min  
Delta R.T.: -0.040 min  
Response: 2962123  
Conc: 24.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.045 min  
Delta R.T.: -0.052 min  
Response: 2558760  
Conc: 20.29 ug/ml