

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022322AL\  
 Data File : FD041247.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Feb 2022 00:53  
 Operator : UA/NP  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 24 01:20:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 24 00:52:27 2022  
 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)    | 11.246 | 910707     | 5.317 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.63%      |
| 12) S 1-chlorooctadecane (S... | 12.686 | 701404     | 5.228 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.46%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.109  | 758321     | 5.262 ug/ml |
| 2) T n-Decane (C10)            | 4.156  | 748821     | 5.235 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.708  | 793432     | 4.959 ug/ml |
| 4) T n-Dodecane (C12)          | 6.152  | 767871     | 5.233 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.754  | 770572     | 4.771 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.930  | 776567     | 5.236 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.517  | 786954     | 5.214 ug/ml |
| 8) T n-Octadecane (C18)        | 10.947 | 812568     | 5.288 ug/ml |
| 10) T n-Eicosane (C20)         | 12.248 | 812749     | 5.298 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.856 | 822642     | 5.321 ug/ml |
| 13) T n-Docosane (C22)         | 13.438 | 824850     | 5.338 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.535 | 839781     | 5.450 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.550 | 815109     | 5.387 ug/ml |
| 16) T n-Octacosane (C28)       | 16.494 | 787334     | 5.368 ug/ml |
| 17) T n-Tricontane (C30)       | 17.376 | 741837     | 5.345 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.205 | 670102     | 5.338 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.985 | 598512     | 5.323 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.721 | 528073     | 5.192 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.419 | 506691     | 5.428 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.206 | 485682     | 5.157 ug/ml |
| -----                          |        |            |             |

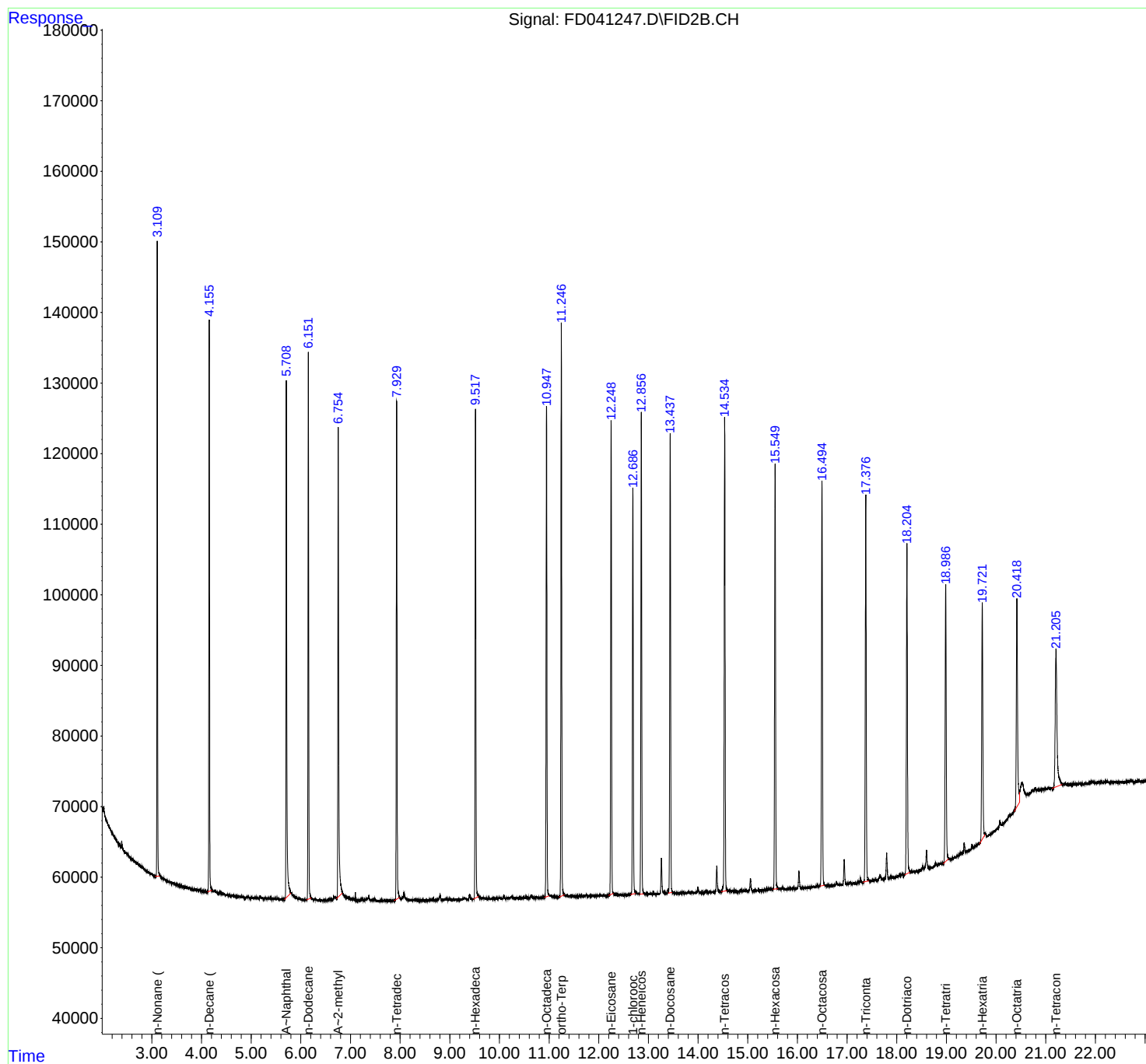
(f)=RT Delta > 1/2 Window

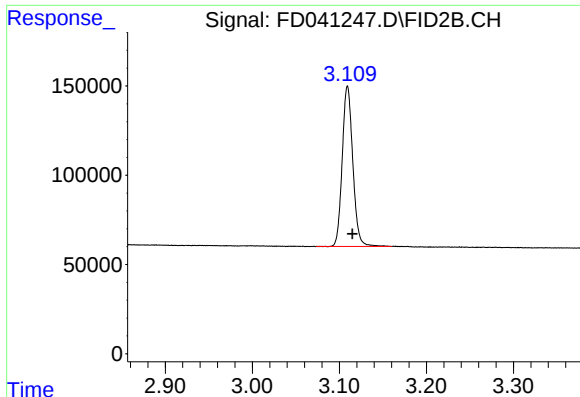
(m)=manual int.

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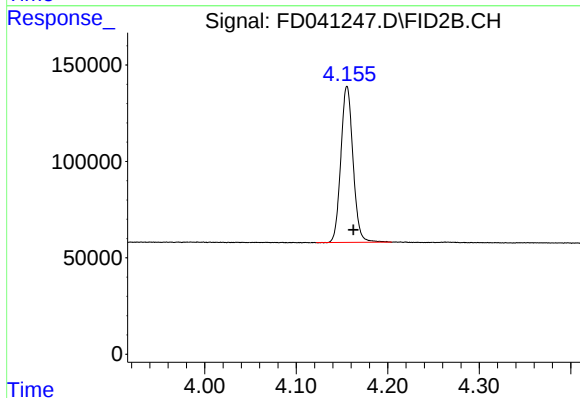
Volume Inj. : 1 u1  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





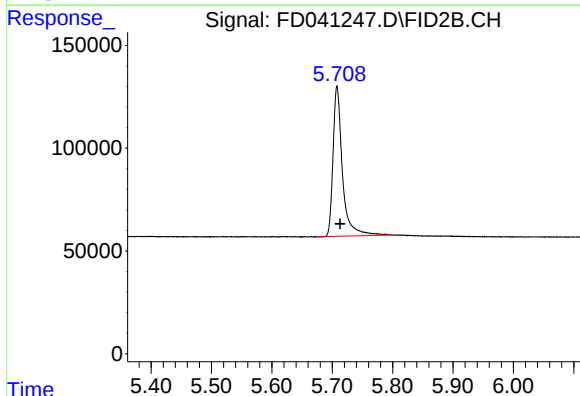
#1 n-Nonane (C9)

R.T.: 3.109 min  
Delta R.T.: -0.006 min  
Response: 758321  
Conc: 5.26 ug/ml



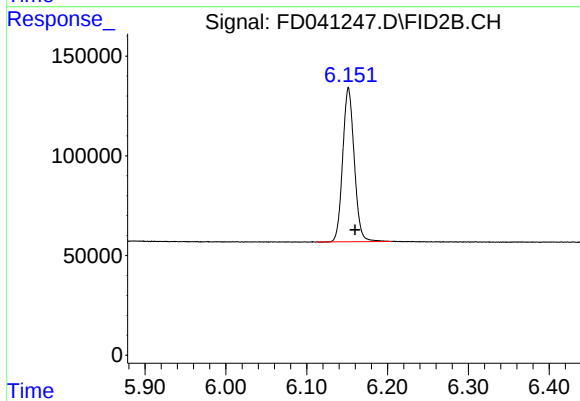
#2 n-Decane (C10)

R.T.: 4.156 min  
Delta R.T.: -0.007 min  
Response: 748821  
Conc: 5.23 ug/ml



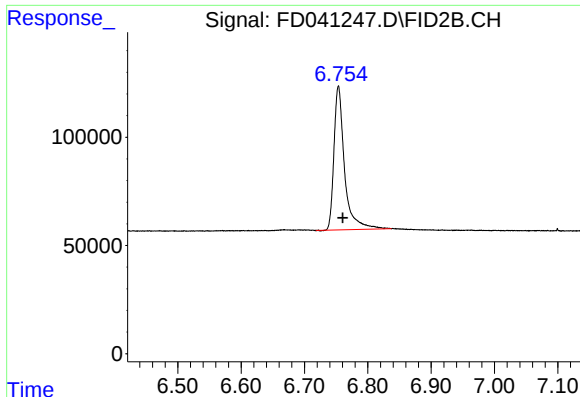
#3 A~Naphthalene (C11.7)

R.T.: 5.708 min  
Delta R.T.: -0.005 min  
Response: 793432  
Conc: 4.96 ug/ml



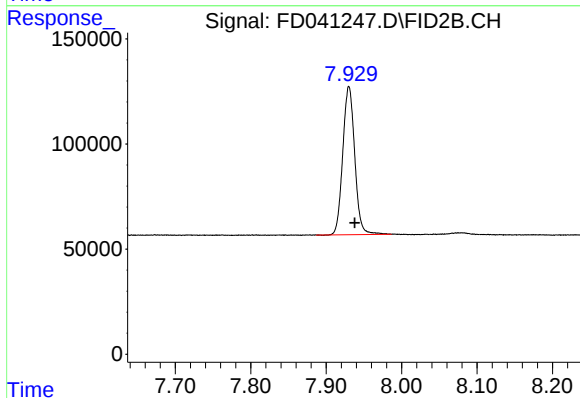
#4 n-Dodecane (C12)

R.T.: 6.152 min  
Delta R.T.: -0.008 min  
Response: 767871  
Conc: 5.23 ug/ml



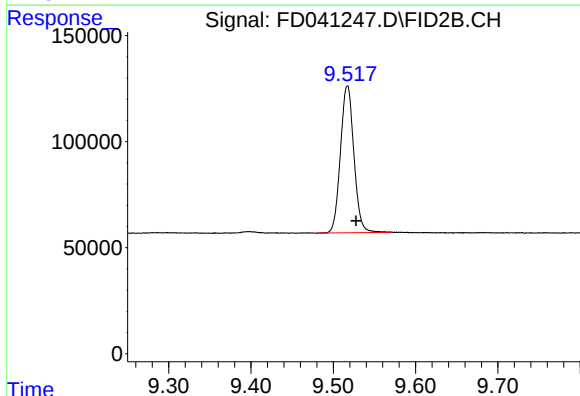
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.754 min  
Delta R.T.: -0.007 min  
Response: 770572  
Conc: 4.77 ug/ml



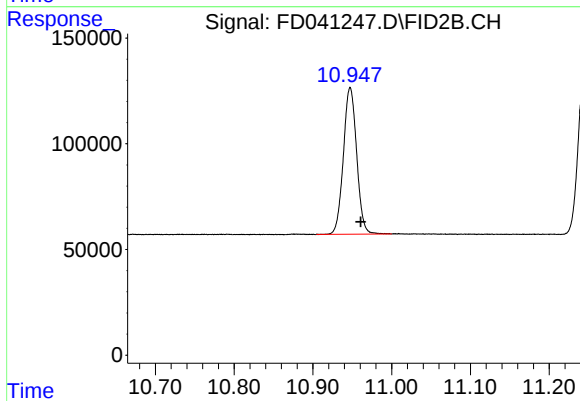
#6 n-Tetradecane (C14)

R.T.: 7.930 min  
Delta R.T.: -0.008 min  
Response: 776567  
Conc: 5.24 ug/ml



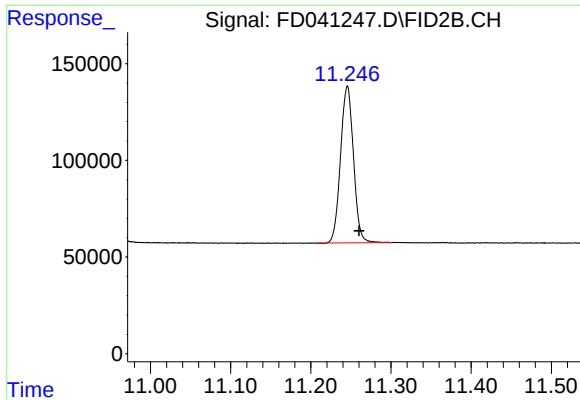
#7 n-Hexadecane (C16)

R.T.: 9.517 min  
Delta R.T.: -0.011 min  
Response: 786954  
Conc: 5.21 ug/ml



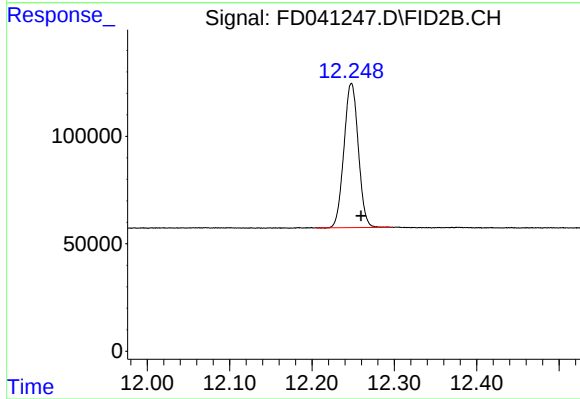
#8 n-Octadecane (C18)

R.T.: 10.947 min  
Delta R.T.: -0.013 min  
Response: 812568  
Conc: 5.29 ug/ml



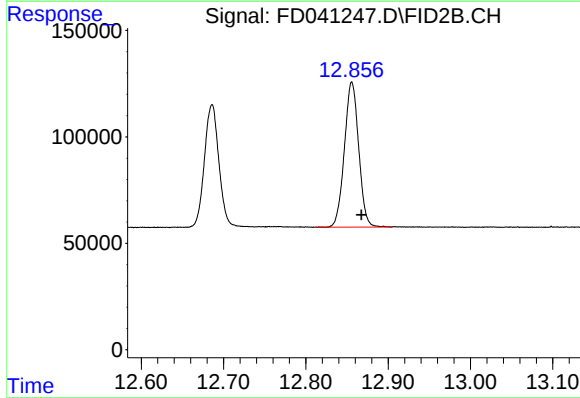
#9 ortho-Terphenyl (SURR)

R.T.: 11.246 min  
Delta R.T.: -0.015 min  
Response: 910707  
Conc: 5.32 ug/ml



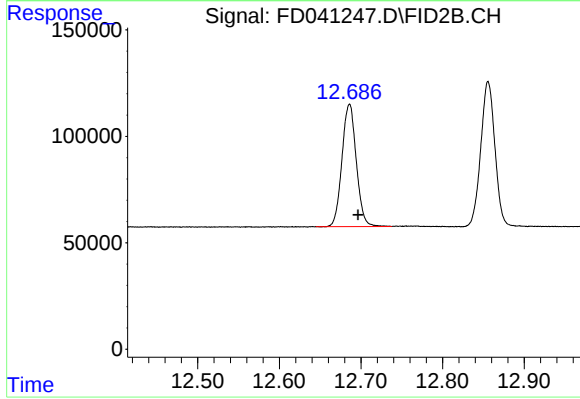
#10 n-Eicosane (C20)

R.T.: 12.248 min  
Delta R.T.: -0.012 min  
Response: 812749  
Conc: 5.30 ug/ml



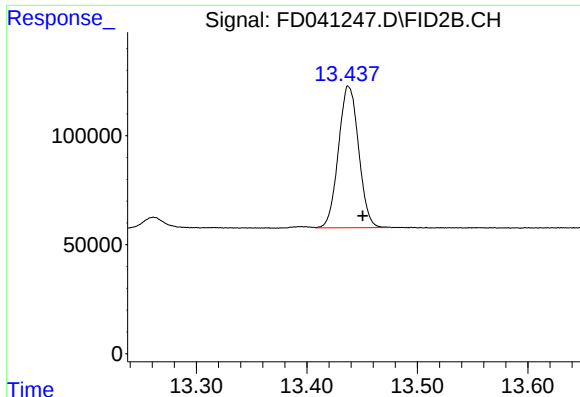
#11 n-Heneicosane (C21)

R.T.: 12.856 min  
Delta R.T.: -0.012 min  
Response: 822642  
Conc: 5.32 ug/ml



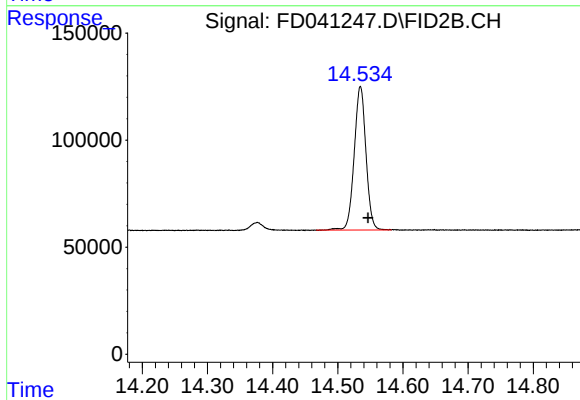
#12 1-chlorooctadecane (SURR)

R.T.: 12.686 min  
Delta R.T.: -0.010 min  
Response: 701404  
Conc: 5.23 ug/ml



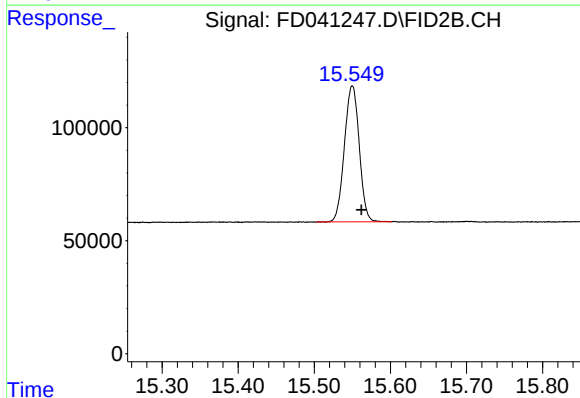
#13 n-Docosane (C22)

R.T.: 13.438 min  
Delta R.T.: -0.013 min  
Response: 824850  
Conc: 5.34 ug/ml



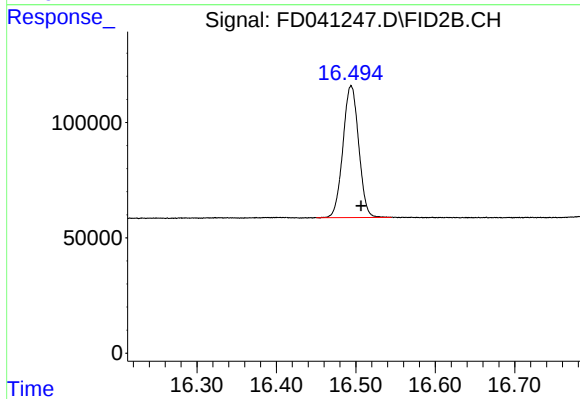
#14 n-Tetracosane (C24)

R.T.: 14.535 min  
Delta R.T.: -0.012 min  
Response: 839781  
Conc: 5.45 ug/ml



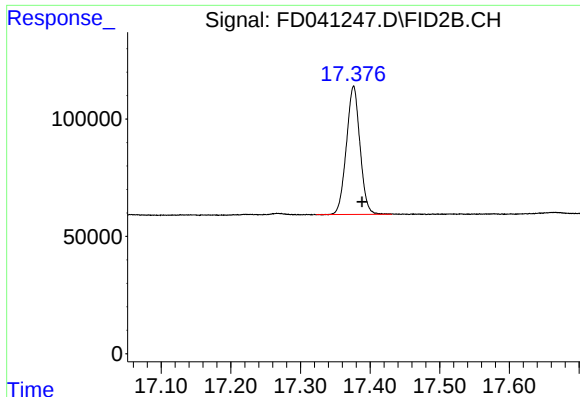
#15 n-Hexacosane (C26)

R.T.: 15.550 min  
Delta R.T.: -0.012 min  
Response: 815109  
Conc: 5.39 ug/ml



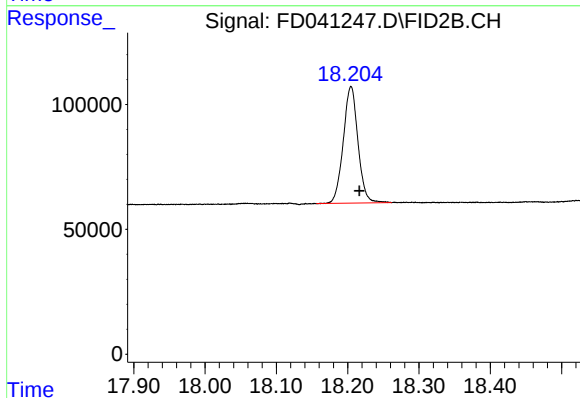
#16 n-Octacosane (C28)

R.T.: 16.494 min  
Delta R.T.: -0.012 min  
Response: 787334  
Conc: 5.37 ug/ml



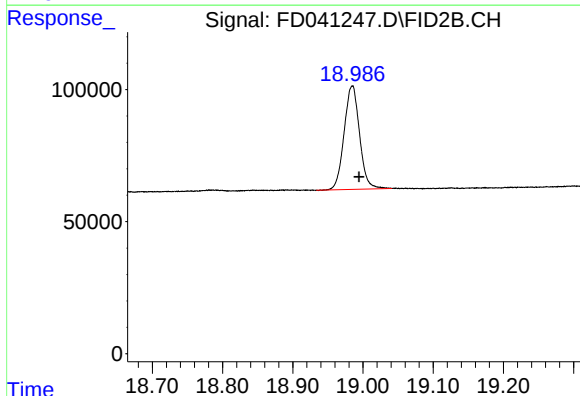
#17 n-Tricontane (C30)

R.T.: 17.376 min  
Delta R.T.: -0.012 min  
Response: 741837  
Conc: 5.35 ug/ml



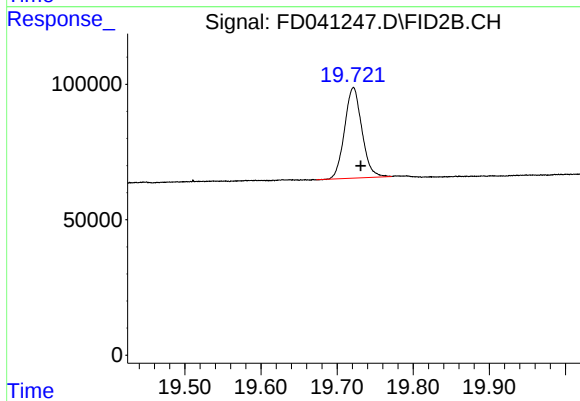
#18 n-Dotriacontane (C32)

R.T.: 18.205 min  
Delta R.T.: -0.012 min  
Response: 670102  
Conc: 5.34 ug/ml



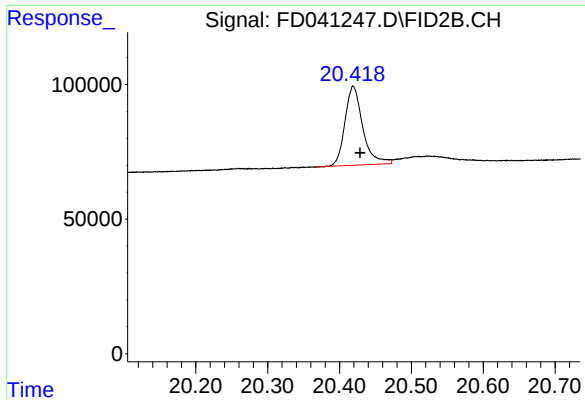
#19 n-Tetratriacontane (C34)

R.T.: 18.985 min  
Delta R.T.: -0.010 min  
Response: 598512  
Conc: 5.32 ug/ml



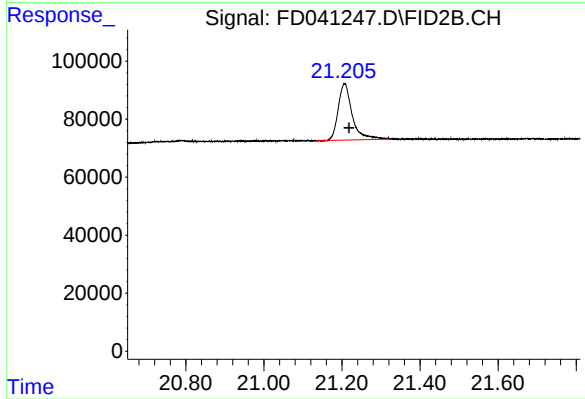
#20 n-Hexatriacontane (C36)

R.T.: 19.721 min  
Delta R.T.: -0.009 min  
Response: 528073  
Conc: 5.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.419 min  
Delta R.T.: -0.009 min  
Response: 506691  
Conc: 5.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.206 min  
Delta R.T.: -0.012 min  
Response: 485682  
Conc: 5.16 ug/ml