

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080521AL\  
 Data File : FD038406.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Aug 2021 11:21  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 05 23:05:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 080321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 04 03:20:37 2021  
 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)    | 11.365 | 2736009    | 20.044 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.09%       |
| 12) S 1-chlorooctadecane (S... | 12.802 | 2162010    | 20.105 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.21%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.194  | 2341005    | 19.940 ug/ml |
| 2) T n-Decane (C10)            | 4.247  | 2354997    | 19.974 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.811  | 2591539    | 19.853 ug/ml |
| 4) T n-Dodecane (C12)          | 6.249  | 2368696    | 19.948 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.861  | 2620439    | 20.025 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.033  | 2406478    | 19.801 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.624  | 2431435    | 19.895 ug/ml |
| 8) T n-Octadecane (C18)        | 11.059 | 2525658    | 20.060 ug/ml |
| 10) T n-Eicosane (C20)         | 12.361 | 2540904    | 20.157 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.970 | 2574659    | 20.169 ug/ml |
| 13) T n-Docosane (C22)         | 13.554 | 2567211    | 20.166 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.651 | 2597052    | 20.190 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.668 | 2569192    | 20.174 ug/ml |
| 16) T n-Octacosane (C28)       | 16.612 | 2562330    | 20.083 ug/ml |
| 17) T n-Tricontane (C30)       | 17.496 | 2538965    | 20.040 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.324 | 2435588    | 19.822 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.105 | 2332588    | 19.544 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.839 | 2148030    | 19.273 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.542 | 1978139    | 19.135 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.350 | 1936911    | 19.298 ug/ml |
| -----                          |        |            |              |

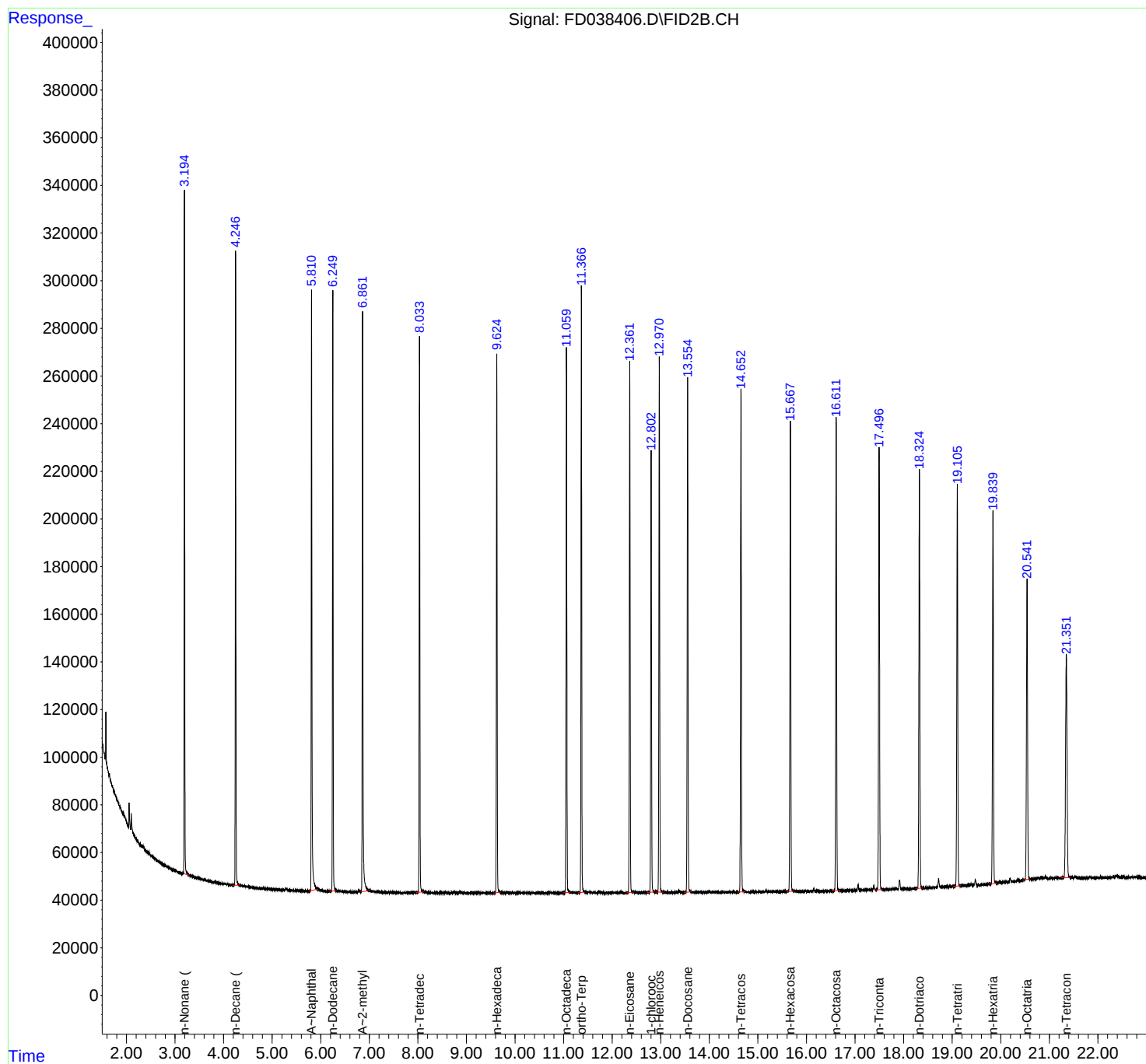
(f)=RT Delta > 1/2 Window

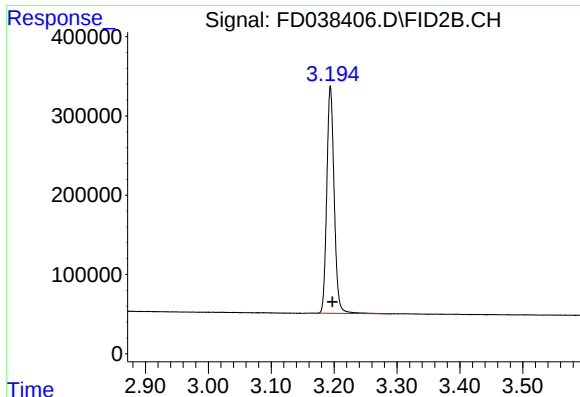
(m)=manual int.

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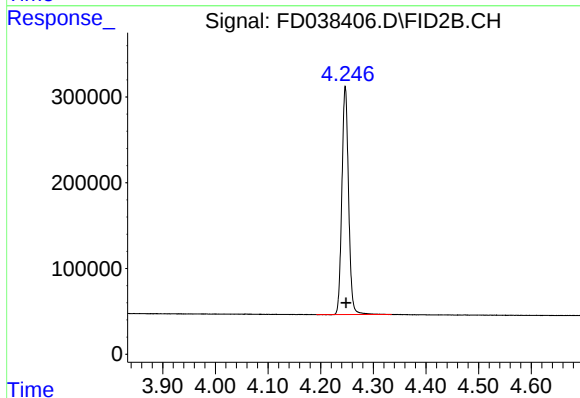
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Signal Info : 20M x 0.18mm x 0.18um





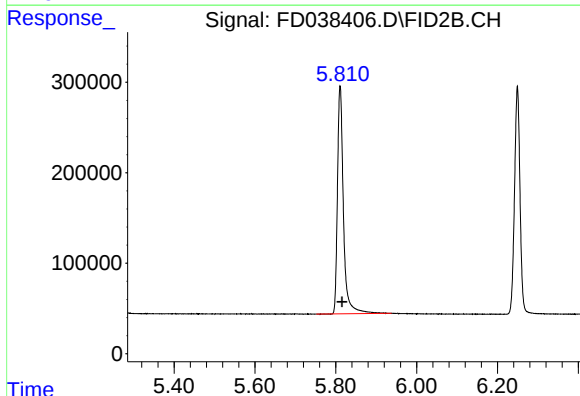
#1 n-Nonane (C9)

R.T.: 3.194 min  
Delta R.T.: -0.003 min  
Response: 2341005  
Conc: 19.94 ug/ml



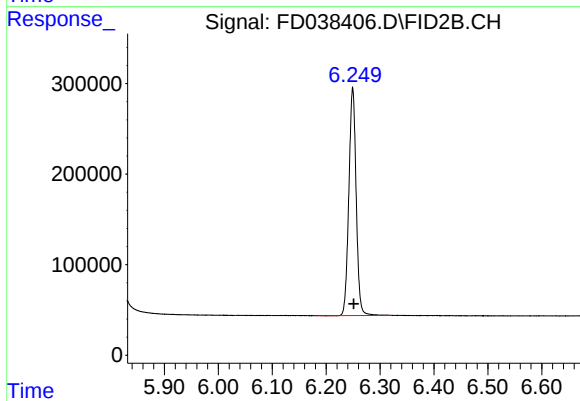
#2 n-Decane (C10)

R.T.: 4.247 min  
Delta R.T.: -0.002 min  
Response: 2354997  
Conc: 19.97 ug/ml



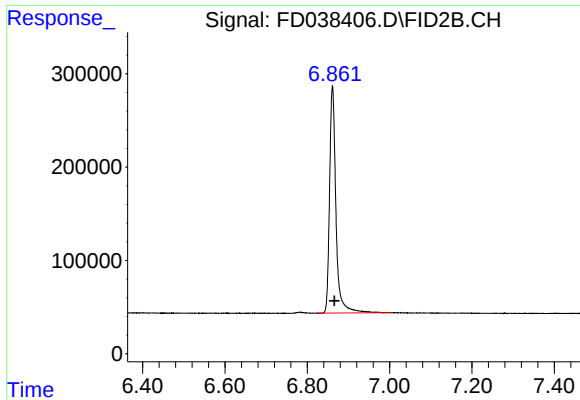
#3 A~Naphthalene (C11.7)

R.T.: 5.811 min  
Delta R.T.: -0.005 min  
Response: 2591539  
Conc: 19.85 ug/ml



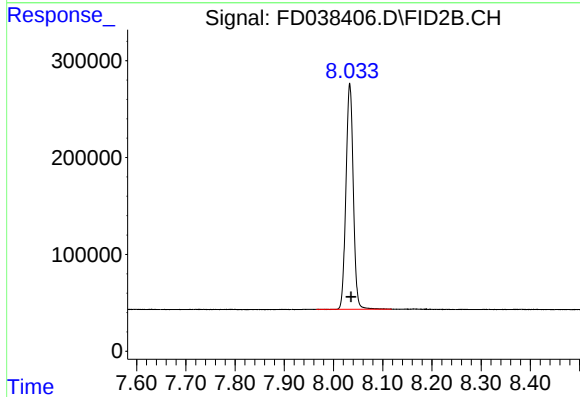
#4 n-Dodecane (C12)

R.T.: 6.249 min  
Delta R.T.: -0.002 min  
Response: 2368696  
Conc: 19.95 ug/ml



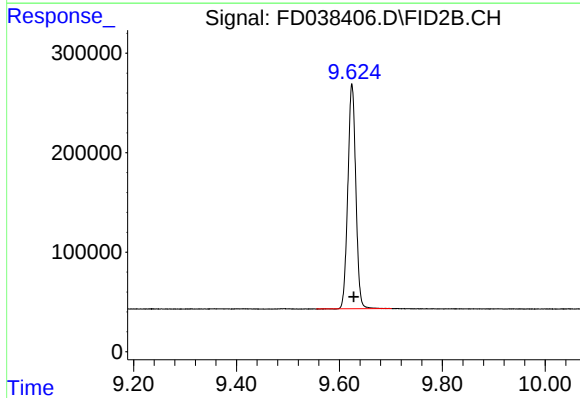
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.861 min  
Delta R.T.: -0.005 min  
Response: 2620439  
Conc: 20.03 ug/ml



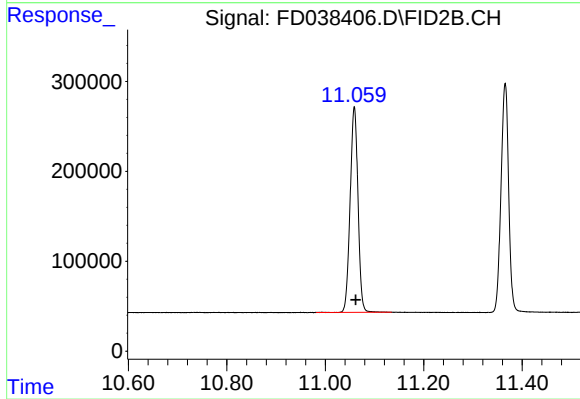
#6 n-Tetradecane (C14)

R.T.: 8.033 min  
Delta R.T.: -0.003 min  
Response: 2406478  
Conc: 19.80 ug/ml



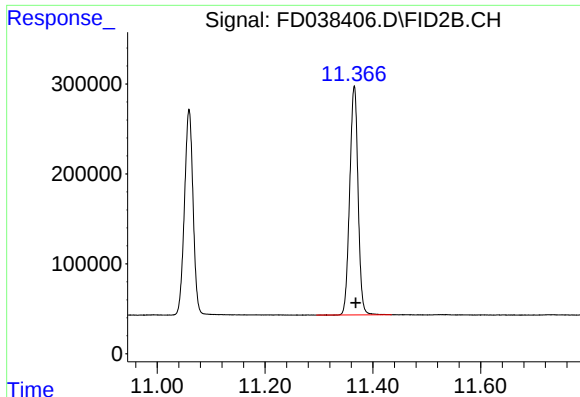
#7 n-Hexadecane (C16)

R.T.: 9.624 min  
Delta R.T.: -0.003 min  
Response: 2431435  
Conc: 19.89 ug/ml



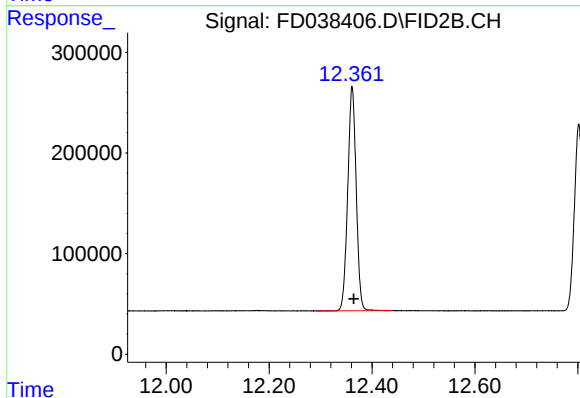
#8 n-Octadecane (C18)

R.T.: 11.059 min  
Delta R.T.: -0.003 min  
Response: 2525658  
Conc: 20.06 ug/ml



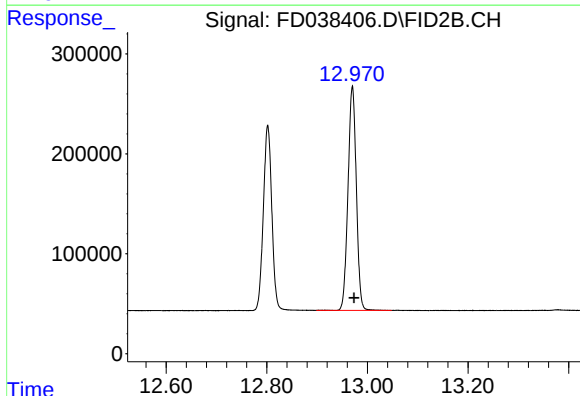
#9 ortho-Terphenyl (SURR)

R.T.: 11.365 min  
Delta R.T.: -0.003 min  
Response: 2736009  
Conc: 20.04 ug/ml



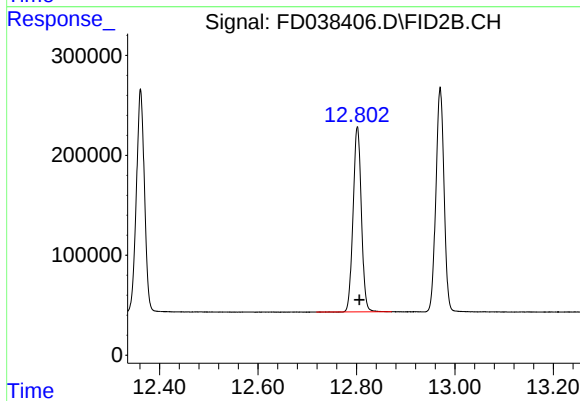
#10 n-Eicosane (C20)

R.T.: 12.361 min  
Delta R.T.: -0.003 min  
Response: 2540904  
Conc: 20.16 ug/ml



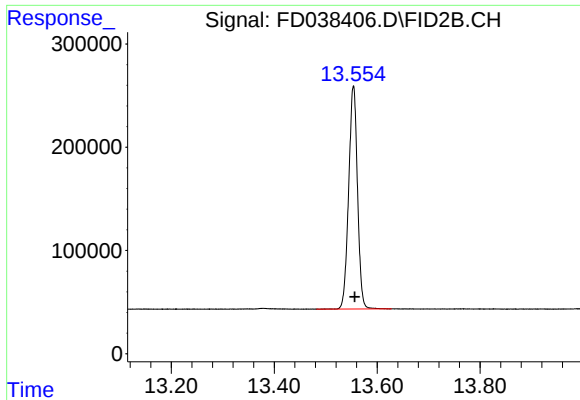
#11 n-Heneicosane (C21)

R.T.: 12.970 min  
Delta R.T.: -0.003 min  
Response: 2574659  
Conc: 20.17 ug/ml



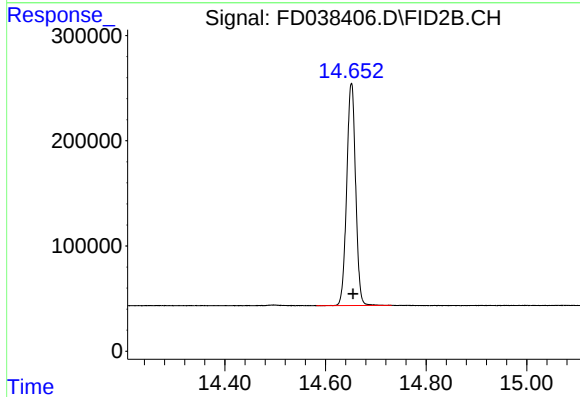
#12 1-chlorooctadecane (SURR)

R.T.: 12.802 min  
Delta R.T.: -0.004 min  
Response: 2162010  
Conc: 20.11 ug/ml



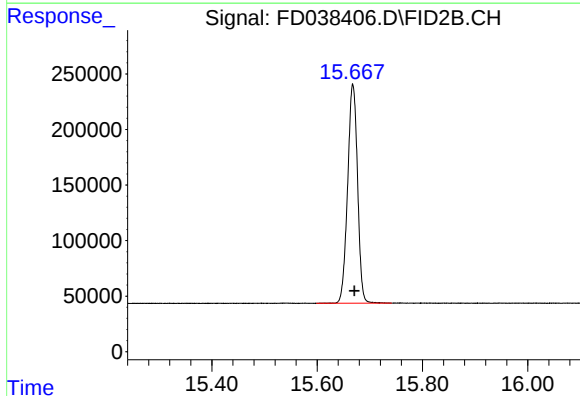
#13 n-Docosane (C22)

R.T.: 13.554 min  
Delta R.T.: -0.003 min  
Response: 2567211  
Conc: 20.17 ug/ml



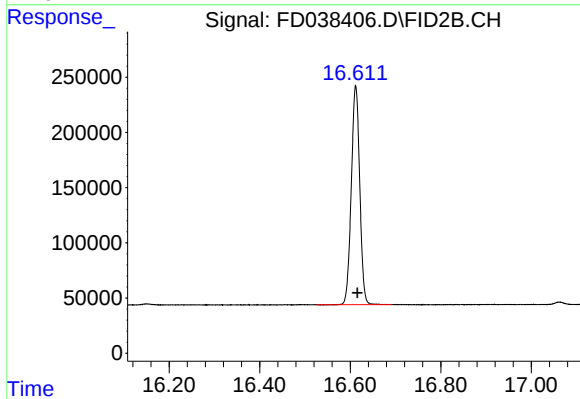
#14 n-Tetracosane (C24)

R.T.: 14.651 min  
Delta R.T.: -0.003 min  
Response: 2597052  
Conc: 20.19 ug/ml



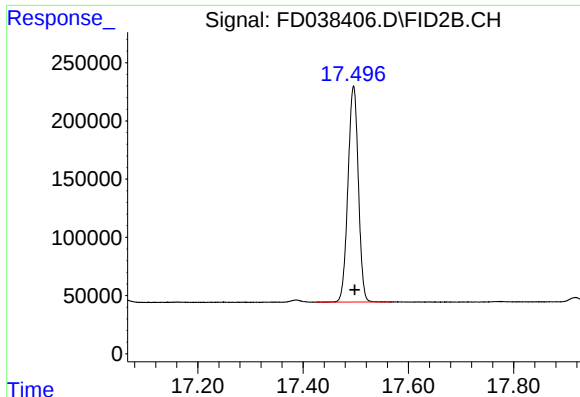
#15 n-Hexacosane (C26)

R.T.: 15.668 min  
Delta R.T.: -0.003 min  
Response: 2569192  
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.612 min  
Delta R.T.: -0.004 min  
Response: 2562330  
Conc: 20.08 ug/ml



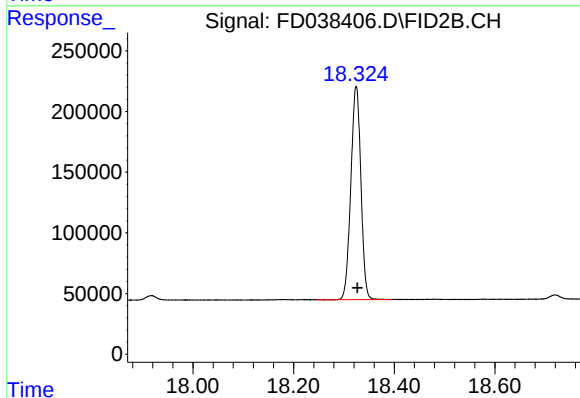
#17 n-Tricontane (C30)

R.T.: 17.496 min

Delta R.T.: -0.003 min

Response: 2538965

Conc: 20.04 ug/ml



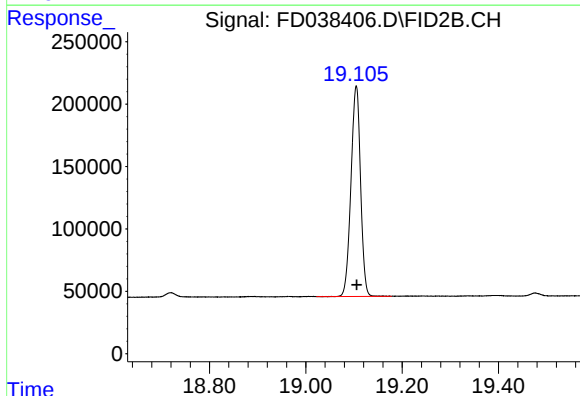
#18 n-Dotriacontane (C32)

R.T.: 18.324 min

Delta R.T.: -0.003 min

Response: 2435588

Conc: 19.82 ug/ml



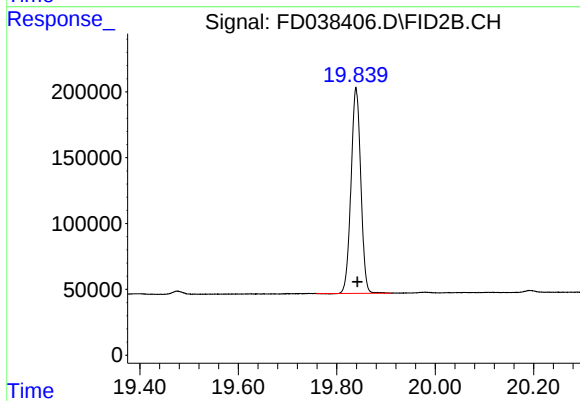
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min

Delta R.T.: -0.001 min

Response: 2332588

Conc: 19.54 ug/ml



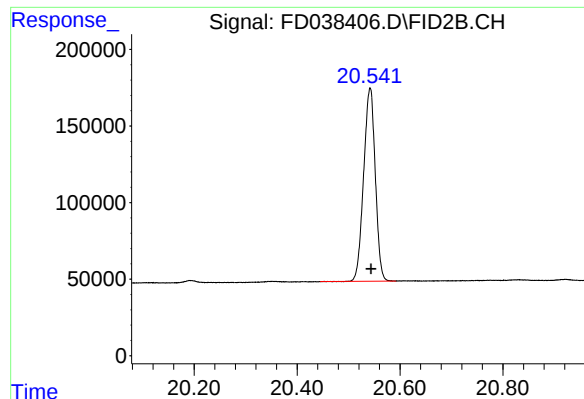
#20 n-Hexatriacontane (C36)

R.T.: 19.839 min

Delta R.T.: -0.003 min

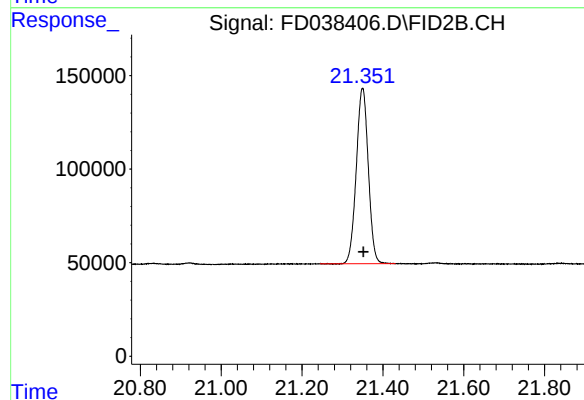
Response: 2148030

Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min  
Delta R.T.: -0.002 min  
Response: 1978139  
Conc: 19.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.350 min  
Delta R.T.: -0.003 min  
Response: 1936911  
Conc: 19.30 ug/ml