

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041921AL\  
 Data File : FD037012.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Apr 2021 00:28  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 20 04:28:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 09:10:29 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)    | 11.479 | 2654014    | 17.912 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.82%       |
| 12) S 1-chlorooctadecane (S... | 12.912 | 2045682    | 17.578 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.16%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.281  | 2669075    | 20.997 ug/ml |
| 2) T n-Decane (C10)            | 4.342  | 2704853    | 20.992 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.916  | 2990279    | 20.481 ug/ml |
| 4) T n-Dodecane (C12)          | 6.352  | 2752802    | 20.766 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.968  | 3007251    | 20.085 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.139  | 2723034    | 20.034 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.732  | 2617387    | 19.654 ug/ml |
| 8) T n-Octadecane (C18)        | 11.167 | 2620092    | 18.915 ug/ml |
| 10) T n-Eicosane (C20)         | 12.471 | 2503510    | 18.111 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.080 | 2435141    | 17.688 ug/ml |
| 13) T n-Docosane (C22)         | 13.663 | 2368012    | 17.409 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.761 | 2250782    | 16.977 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.777 | 2144790    | 16.939 ug/ml |
| 16) T n-Octacosane (C28)       | 16.721 | 2098770    | 17.402 ug/ml |
| 17) T n-Tricontane (C30)       | 17.605 | 2075461    | 18.067 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.431 | 2059943    | 18.729 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.211 | 2058842    | 20.046 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.946 | 2013626    | 20.609 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.657 | 1981994    | 21.437 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.506 | 2016142    | 19.989 ug/ml |
| -----                          |        |            |              |

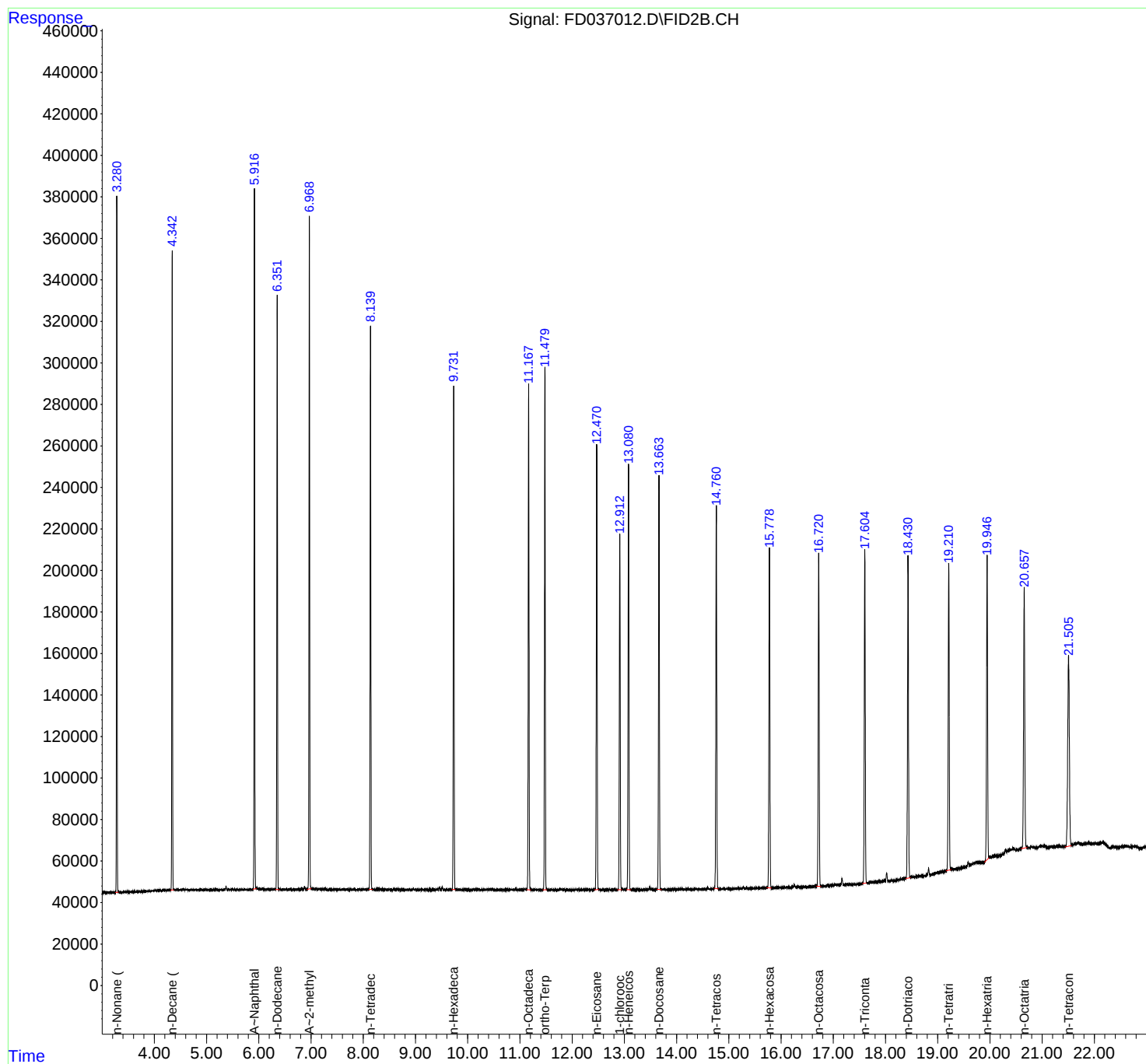
(f)=RT Delta > 1/2 Window

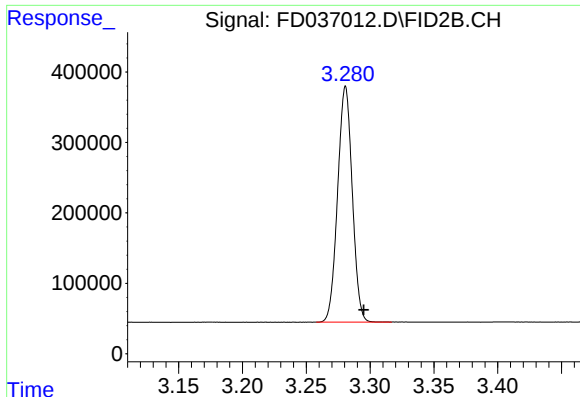
(m)=manual int.

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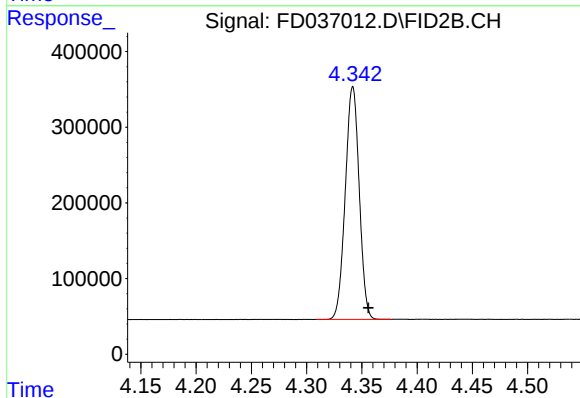
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





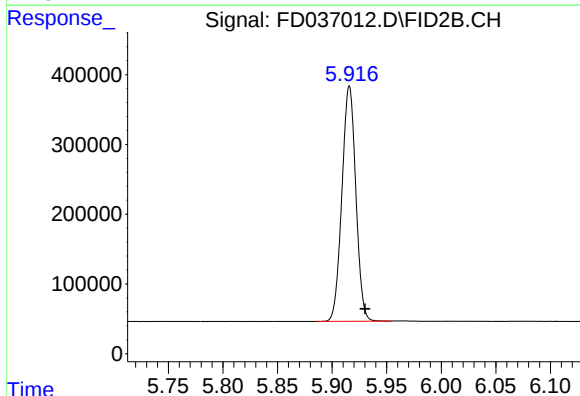
#1 n-Nonane (C9)

R.T.: 3.281 min  
Delta R.T.: -0.014 min  
Response: 2669075  
Conc: 21.00 ug/ml



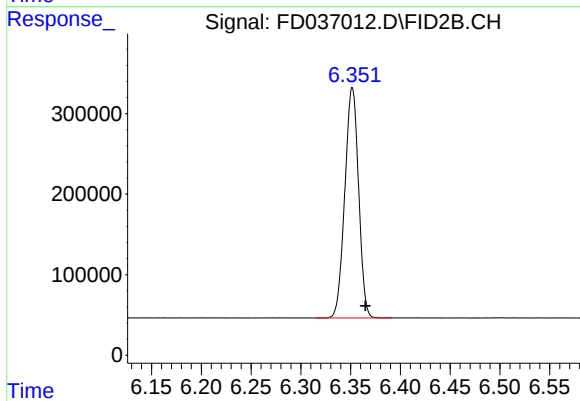
#2 n-Decane (C10)

R.T.: 4.342 min  
Delta R.T.: -0.014 min  
Response: 2704853  
Conc: 20.99 ug/ml



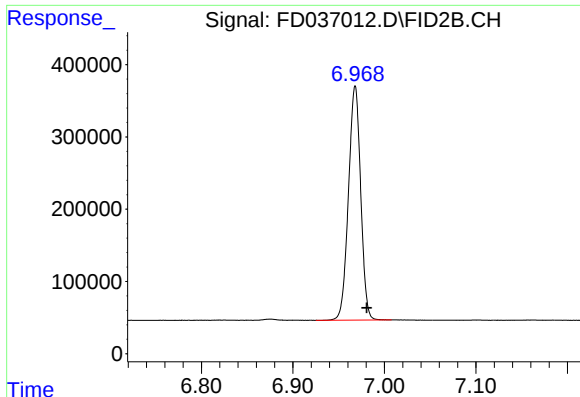
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min  
Delta R.T.: -0.014 min  
Response: 2990279  
Conc: 20.48 ug/ml



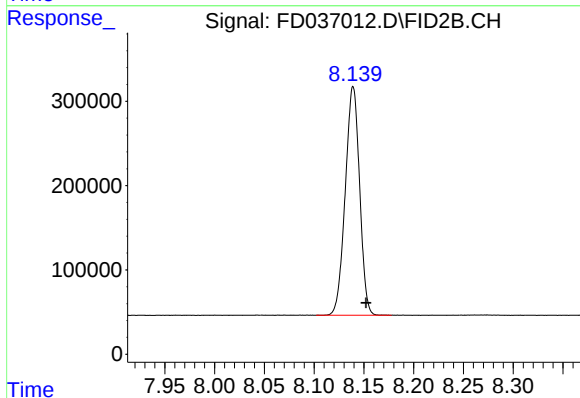
#4 n-Dodecane (C12)

R.T.: 6.352 min  
Delta R.T.: -0.013 min  
Response: 2752802  
Conc: 20.77 ug/ml



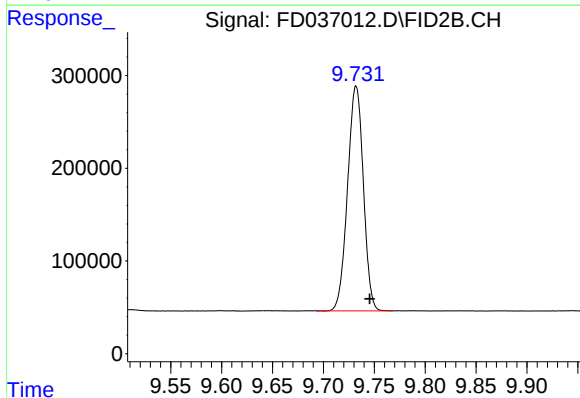
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min  
Delta R.T.: -0.013 min  
Response: 3007251  
Conc: 20.09 ug/ml



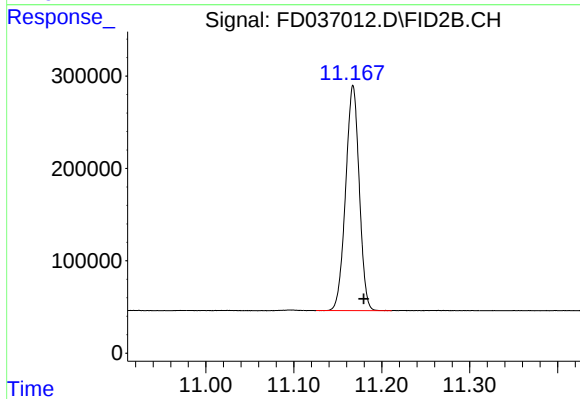
#6 n-Tetradecane (C14)

R.T.: 8.139 min  
Delta R.T.: -0.013 min  
Response: 2723034  
Conc: 20.03 ug/ml



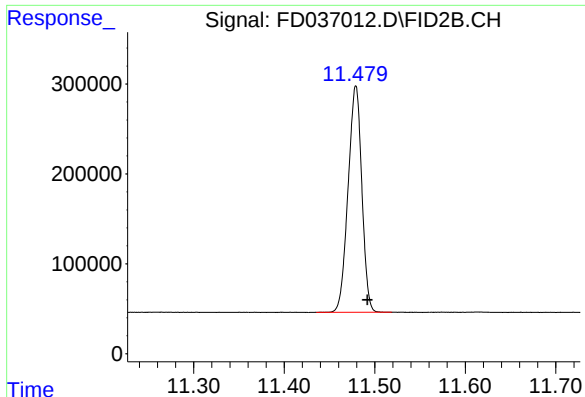
#7 n-Hexadecane (C16)

R.T.: 9.732 min  
Delta R.T.: -0.014 min  
Response: 2617387  
Conc: 19.65 ug/ml



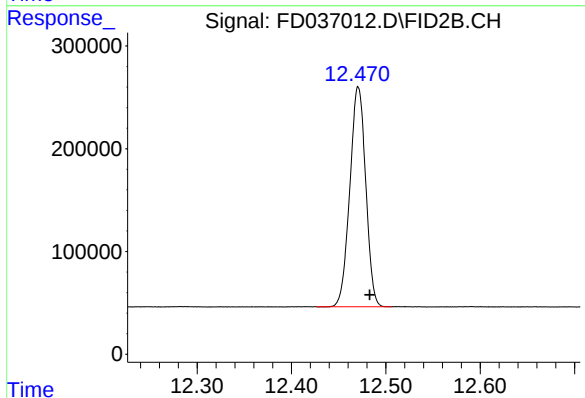
#8 n-Octadecane (C18)

R.T.: 11.167 min  
Delta R.T.: -0.012 min  
Response: 2620092  
Conc: 18.92 ug/ml



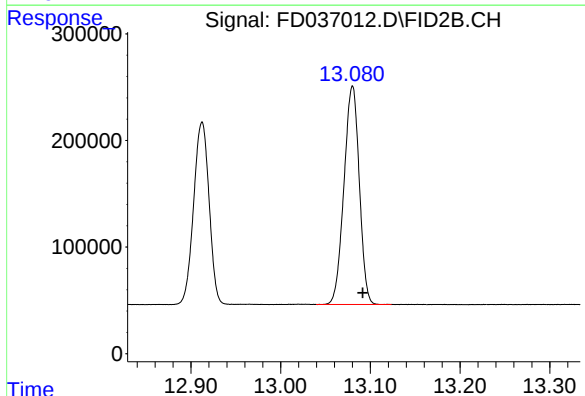
#9 ortho-Terphenyl (SURR)

R.T.: 11.479 min  
Delta R.T.: -0.013 min  
Response: 2654014  
Conc: 17.91 ug/ml



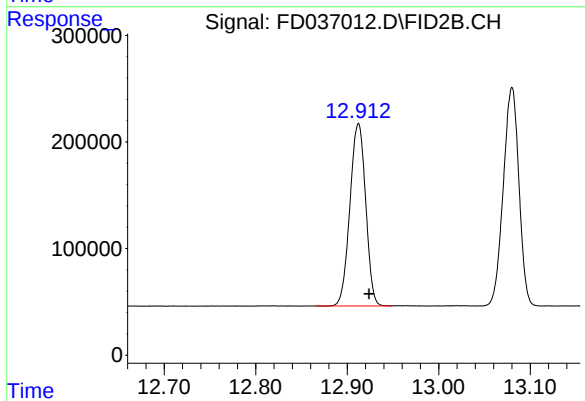
#10 n-Eicosane (C20)

R.T.: 12.471 min  
Delta R.T.: -0.012 min  
Response: 2503510  
Conc: 18.11 ug/ml



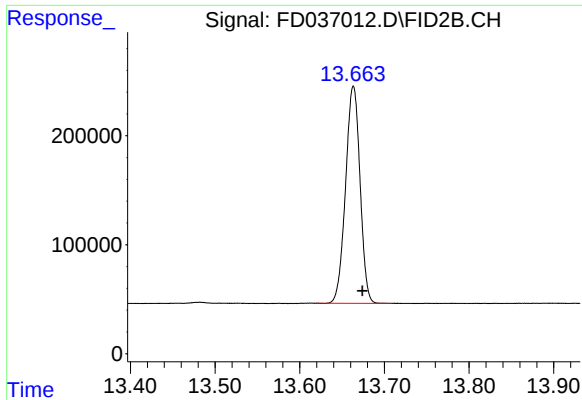
#11 n-Heneicosane (C21)

R.T.: 13.080 min  
Delta R.T.: -0.011 min  
Response: 2435141  
Conc: 17.69 ug/ml



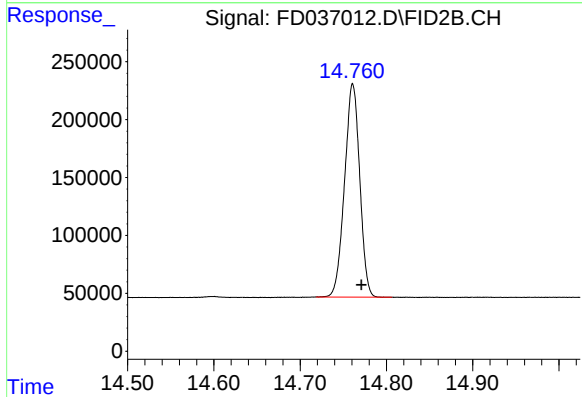
#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min  
Delta R.T.: -0.011 min  
Response: 2045682  
Conc: 17.58 ug/ml



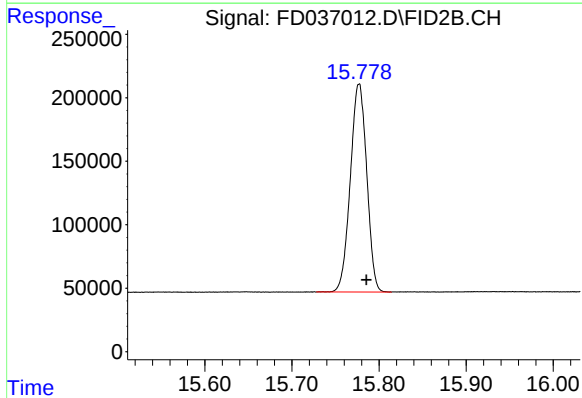
#13 n-Docosane (C22)

R.T.: 13.663 min  
Delta R.T.: -0.011 min  
Response: 2368012  
Conc: 17.41 ug/ml



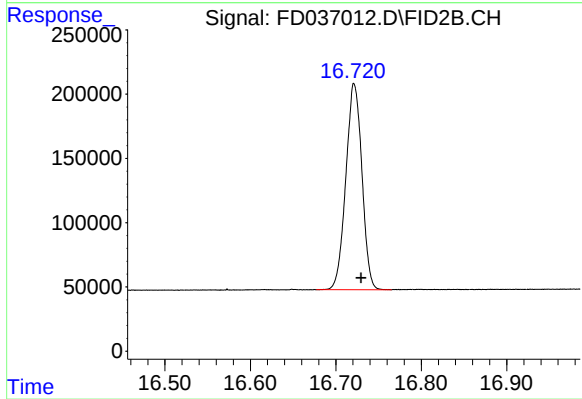
#14 n-Tetracosane (C24)

R.T.: 14.761 min  
Delta R.T.: -0.010 min  
Response: 2250782  
Conc: 16.98 ug/ml



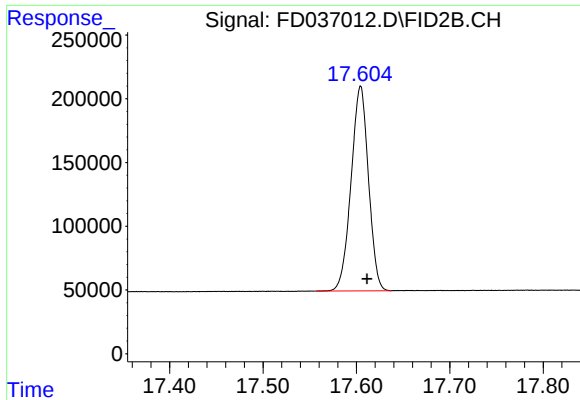
#15 n-Hexacosane (C26)

R.T.: 15.777 min  
Delta R.T.: -0.008 min  
Response: 2144790  
Conc: 16.94 ug/ml



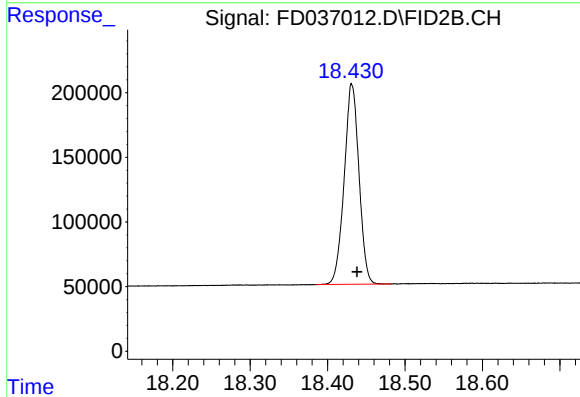
#16 n-Octacosane (C28)

R.T.: 16.721 min  
Delta R.T.: -0.008 min  
Response: 2098770  
Conc: 17.40 ug/ml



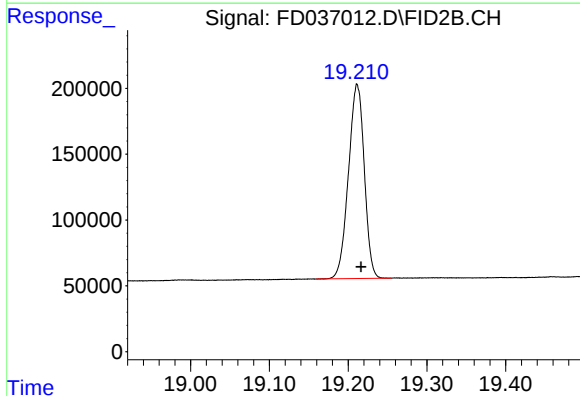
#17 n-Tricontane (C30)

R.T.: 17.605 min  
Delta R.T.: -0.007 min  
Response: 2075461  
Conc: 18.07 ug/ml



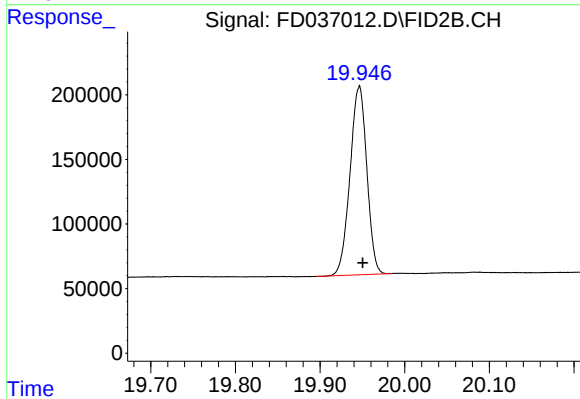
#18 n-Dotriacontane (C32)

R.T.: 18.431 min  
Delta R.T.: -0.007 min  
Response: 2059943  
Conc: 18.73 ug/ml



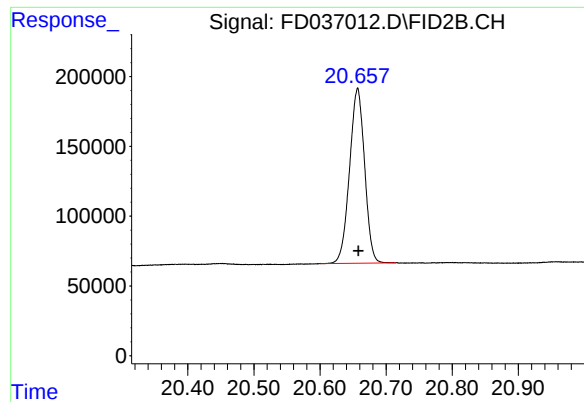
#19 n-Tetratriacontane (C34)

R.T.: 19.211 min  
Delta R.T.: -0.005 min  
Response: 2058842  
Conc: 20.05 ug/ml



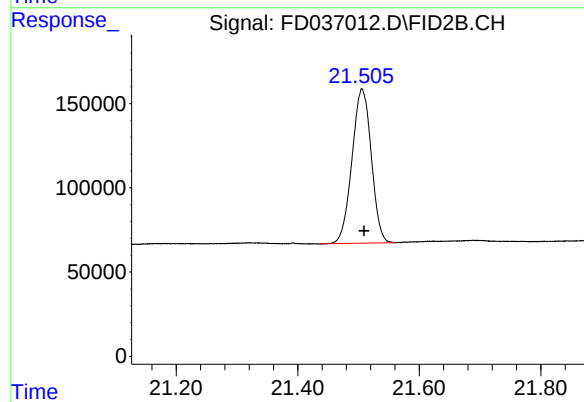
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min  
Delta R.T.: -0.004 min  
Response: 2013626  
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min  
Delta R.T.: -0.001 min  
Response: 1981994  
Conc: 21.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.506 min  
Delta R.T.: -0.004 min  
Response: 2016142  
Conc: 19.99 ug/ml