

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050621AL\  
 Data File : FD037407.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 May 2021 7:28  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 07 07:53:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 03:31:40 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)    | 11.469 | 2358039    | 20.195 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.39%       |
| 12) S 1-chlorooctadecane (S... | 12.903 | 1775820    | 20.990 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.268  | 2442213    | 20.727 ug/ml |
| 2) T n-Decane (C10)            | 4.329  | 2474121    | 20.862 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.903  | 2716639    | 20.701 ug/ml |
| 4) T n-Dodecane (C12)          | 6.339  | 2492361    | 20.988 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.956  | 2711692    | 20.680 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.128  | 2436181    | 21.046 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.722  | 2301254    | 20.932 ug/ml |
| 8) T n-Octadecane (C18)        | 11.158 | 2272752    | 20.728 ug/ml |
| 10) T n-Eicosane (C20)         | 12.462 | 2177637    | 20.529 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.071 | 2134976    | 20.322 ug/ml |
| 13) T n-Docosane (C22)         | 13.655 | 2112428    | 20.549 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.753 | 2090791    | 20.641 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.769 | 2055104    | 21.041 ug/ml |
| 16) T n-Octacosane (C28)       | 16.715 | 2097638    | 21.822 ug/ml |
| 17) T n-Tricontane (C30)       | 17.598 | 2177215    | 22.639 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.426 | 2206031    | 22.430 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.204 | 2159955    | 22.756 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.940 | 2054199    | 21.813 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.650 | 1942905    | 22.567 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.499 | 1982785    | 20.665 ug/ml |
| -----                          |        |            |              |

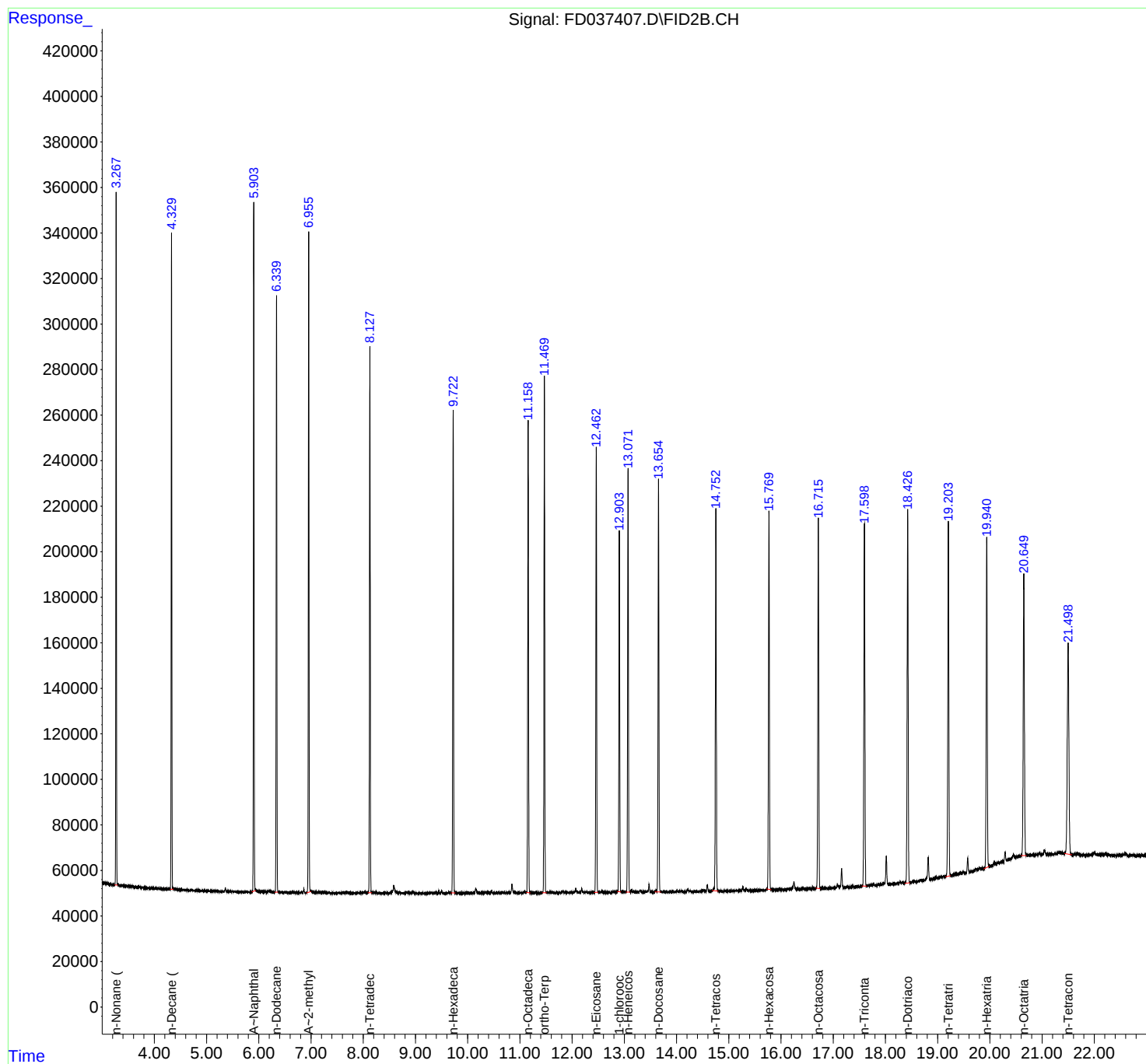
(f)=RT Delta > 1/2 Window

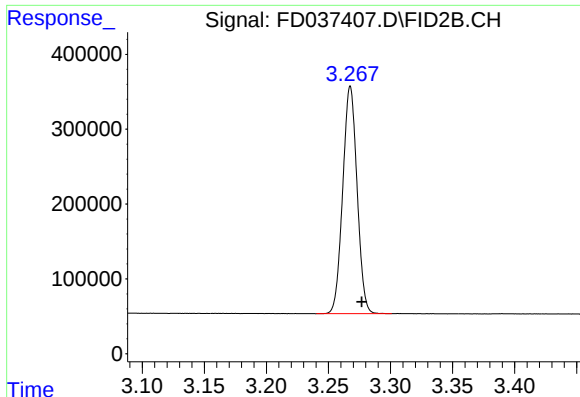
(m)=manual int.

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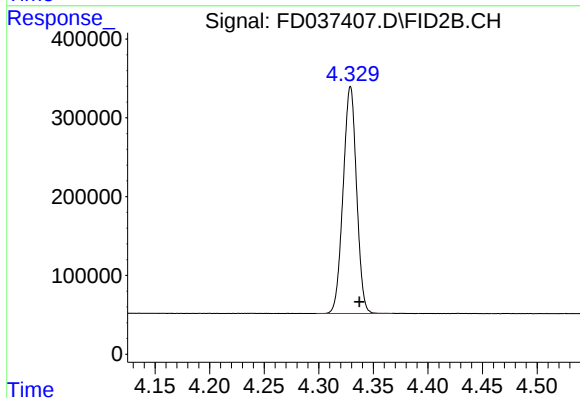
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





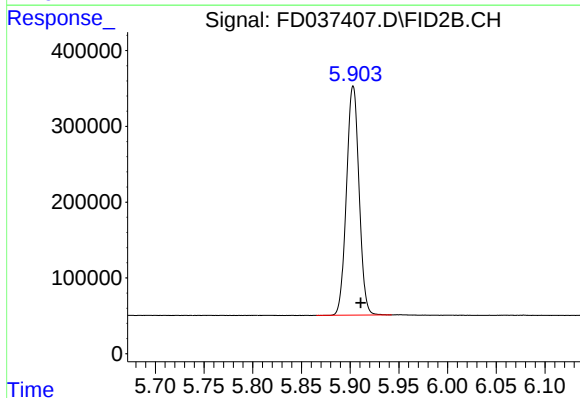
#1 n-Nonane (C9)

R.T.: 3.268 min  
Delta R.T.: -0.009 min  
Response: 2442213  
Conc: 20.73 ug/ml



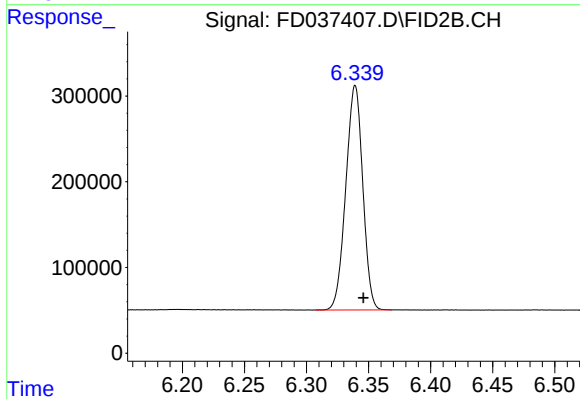
#2 n-Decane (C10)

R.T.: 4.329 min  
Delta R.T.: -0.008 min  
Response: 2474121  
Conc: 20.86 ug/ml



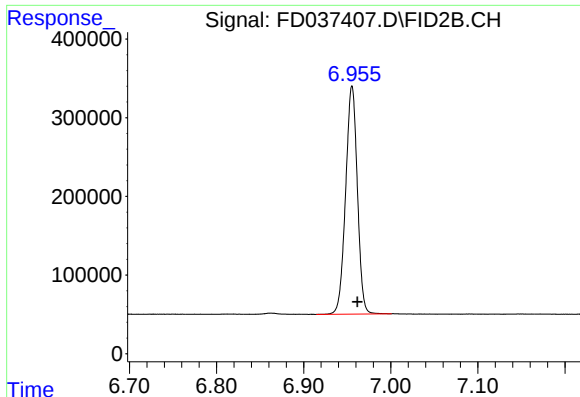
#3 A~Naphthalene (C11.7)

R.T.: 5.903 min  
Delta R.T.: -0.007 min  
Response: 2716639  
Conc: 20.70 ug/ml



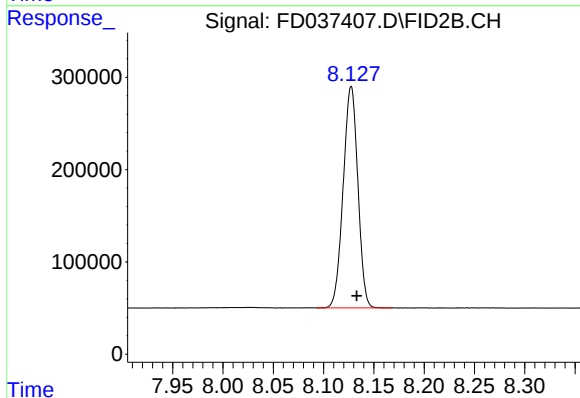
#4 n-Dodecane (C12)

R.T.: 6.339 min  
Delta R.T.: -0.007 min  
Response: 2492361  
Conc: 20.99 ug/ml



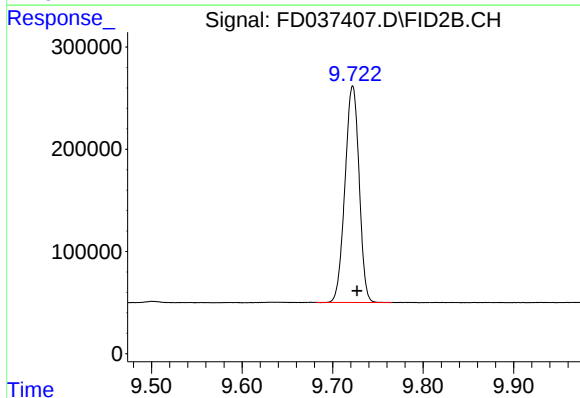
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.956 min  
Delta R.T.: -0.006 min  
Response: 2711692  
Conc: 20.68 ug/ml



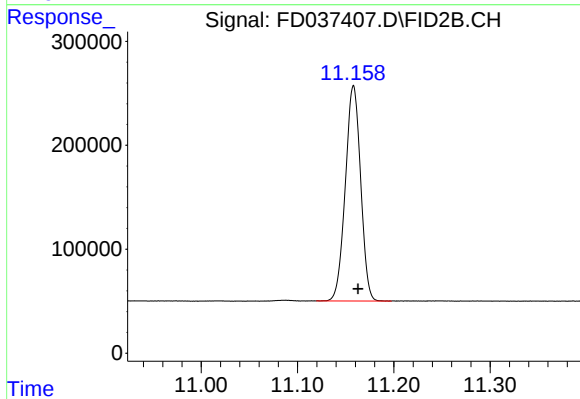
#6 n-Tetradecane (C14)

R.T.: 8.128 min  
Delta R.T.: -0.005 min  
Response: 2436181  
Conc: 21.05 ug/ml



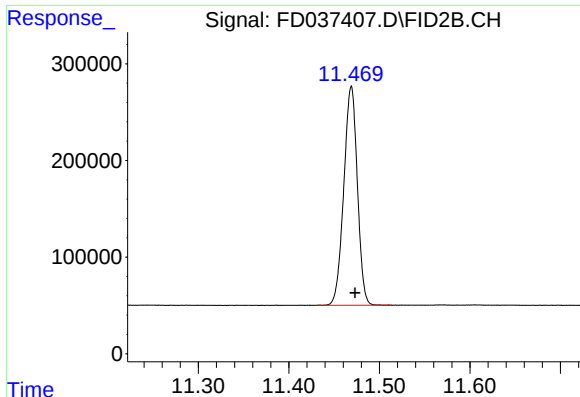
#7 n-Hexadecane (C16)

R.T.: 9.722 min  
Delta R.T.: -0.005 min  
Response: 2301254  
Conc: 20.93 ug/ml



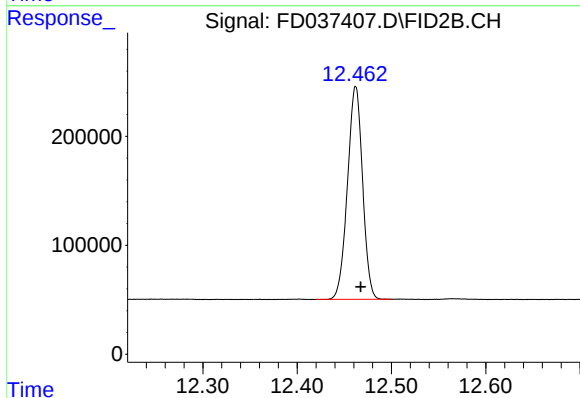
#8 n-Octadecane (C18)

R.T.: 11.158 min  
Delta R.T.: -0.005 min  
Response: 2272752  
Conc: 20.73 ug/ml



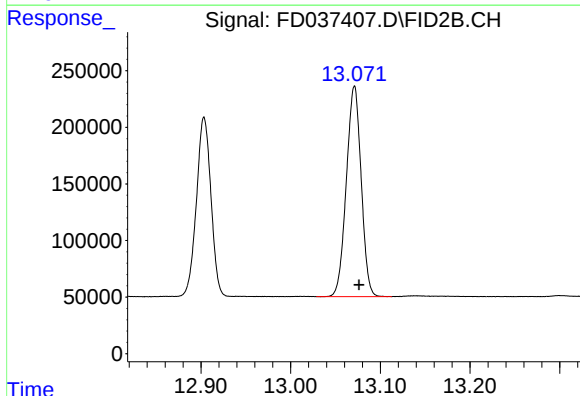
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min  
Delta R.T.: -0.004 min  
Response: 2358039  
Conc: 20.19 ug/ml



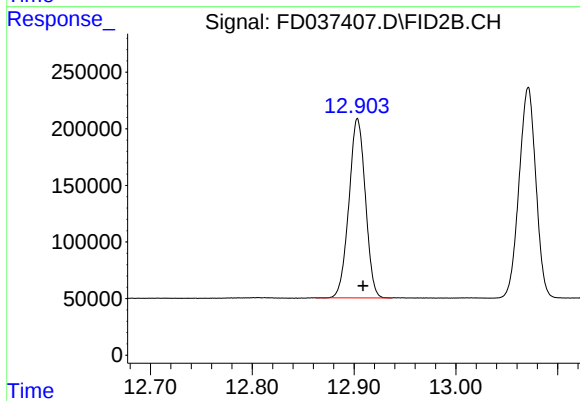
#10 n-Eicosane (C20)

R.T.: 12.462 min  
Delta R.T.: -0.005 min  
Response: 2177637  
Conc: 20.53 ug/ml



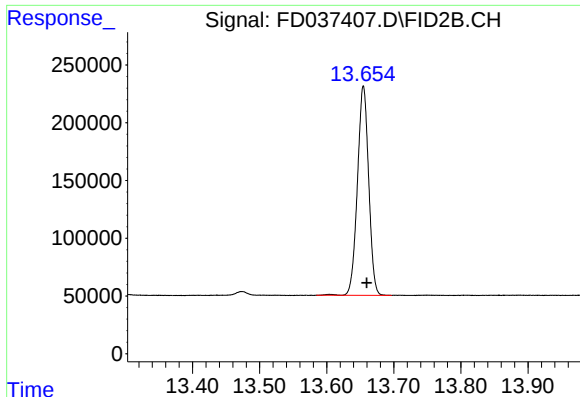
#11 n-Heneicosane (C21)

R.T.: 13.071 min  
Delta R.T.: -0.005 min  
Response: 2134976  
Conc: 20.32 ug/ml



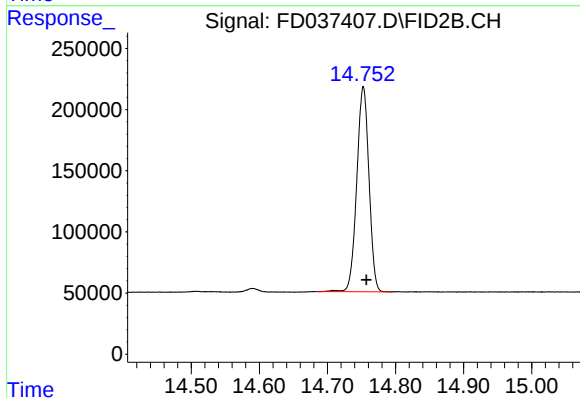
#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min  
Delta R.T.: -0.005 min  
Response: 1775820  
Conc: 20.99 ug/ml



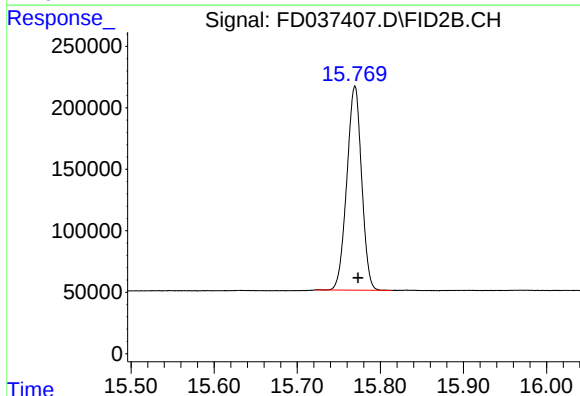
#13 n-Docosane (C22)

R.T.: 13.655 min  
Delta R.T.: -0.005 min  
Response: 2112428  
Conc: 20.55 ug/ml



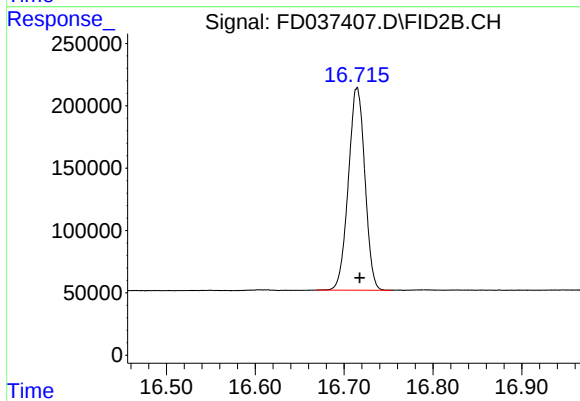
#14 n-Tetracosane (C24)

R.T.: 14.753 min  
Delta R.T.: -0.004 min  
Response: 2090791  
Conc: 20.64 ug/ml



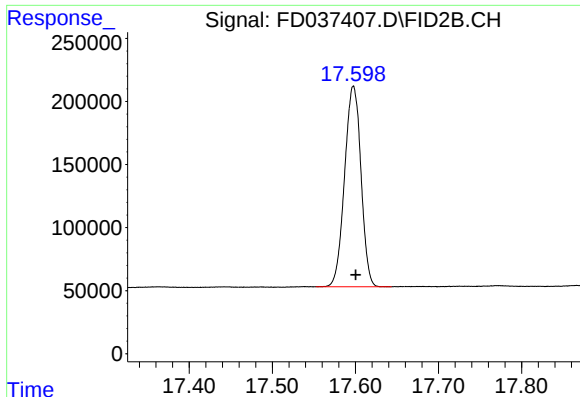
#15 n-Hexacosane (C26)

R.T.: 15.769 min  
Delta R.T.: -0.004 min  
Response: 2055104  
Conc: 21.04 ug/ml



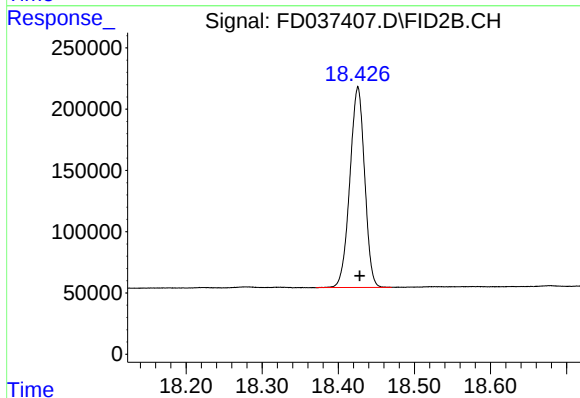
#16 n-Octacosane (C28)

R.T.: 16.715 min  
Delta R.T.: -0.003 min  
Response: 2097638  
Conc: 21.82 ug/ml



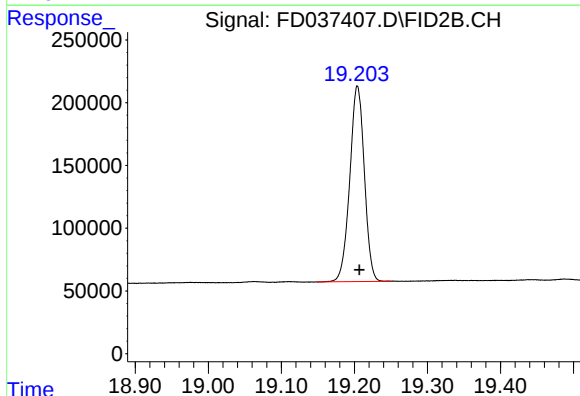
#17 n-Tricontane (C30)

R.T.: 17.598 min  
Delta R.T.: -0.003 min  
Response: 2177215  
Conc: 22.64 ug/ml



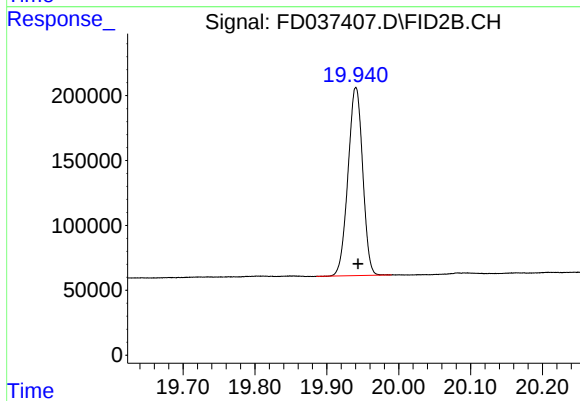
#18 n-Dotriacontane (C32)

R.T.: 18.426 min  
Delta R.T.: -0.002 min  
Response: 2206031  
Conc: 22.43 ug/ml



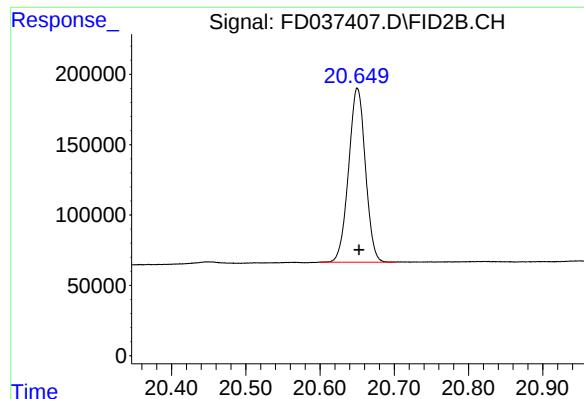
#19 n-Tetratriacontane (C34)

R.T.: 19.204 min  
Delta R.T.: -0.003 min  
Response: 2159955  
Conc: 22.76 ug/ml



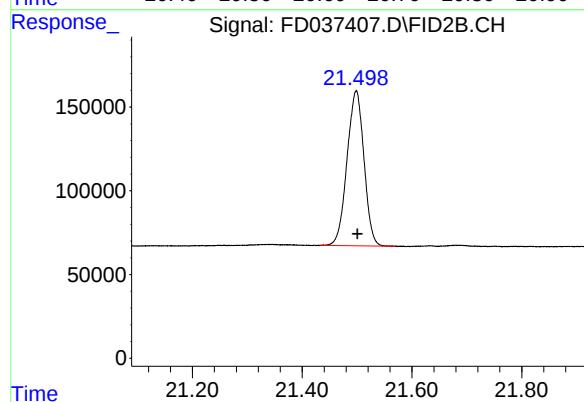
#20 n-Hexatriacontane (C36)

R.T.: 19.940 min  
Delta R.T.: -0.003 min  
Response: 2054199  
Conc: 21.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.650 min  
Delta R.T.: -0.002 min  
Response: 1942905  
Conc: 22.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.499 min  
Delta R.T.: -0.002 min  
Response: 1982785  
Conc: 20.67 ug/ml