

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102819AL\  
 Data File : FD031239.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Oct 2019 9:46  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 29 08:13:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 07:46:23 2019  
 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)    | 11.426 | 2525393    | 20.136 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.27%        |
| 12) S 1-chlorooctadecane (S... | 12.856 | 1883661    | 20.118 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.24%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.254  | 2384813    | 22.799 ug/ml  |
| 2) T n-Decane (C10)            | 4.308  | 2410931    | 22.999 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.878  | 2580701    | 22.522 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.311  | 2440503    | 22.817 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.927  | 2533315    | 21.976 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.094  | 2404584    | 22.358 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.684  | 2368465    | 21.993 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.116 | 2313642    | 21.162 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.415 | 2248537    | 20.564 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.023 | 2230560    | 20.295 ug/ml  |
| 13) T n-Docosane (C22)         | 13.605 | 2183780    | 19.968 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.701 | 2125485    | 19.462 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.713 | 2065007    | 19.081 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.655 | 2057454    | 19.165 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.535 | 2069345    | 19.426 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.360 | 2008475    | 19.510 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.137 | 1998196    | 20.333 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.870 | 1897736    | 20.601 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.571 | 1866136    | 21.564 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.400 | 1972344    | 22.197 ug/mlm |
| -----                          |        |            |               |

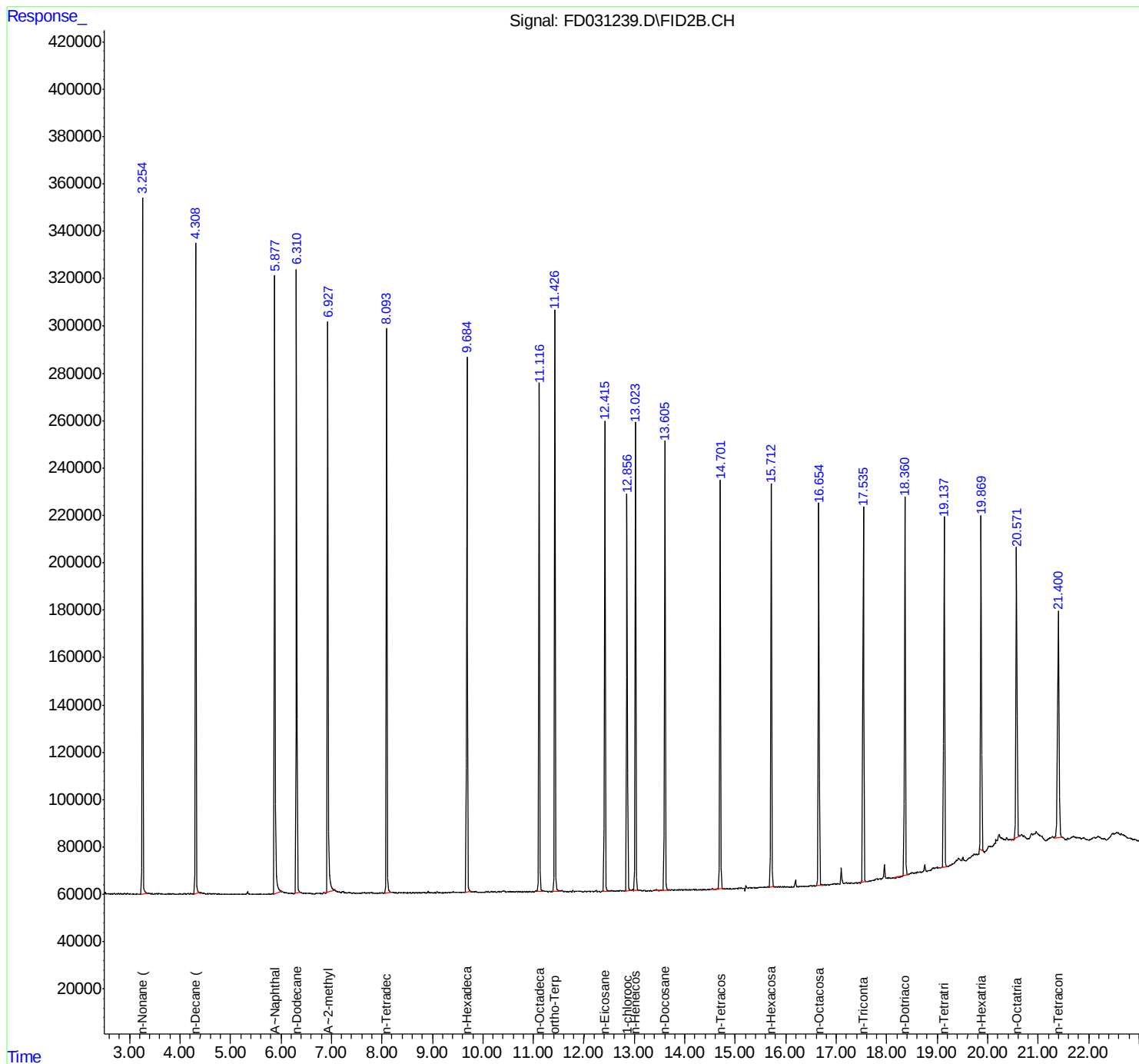
(f)=RT Delta > 1/2 Window

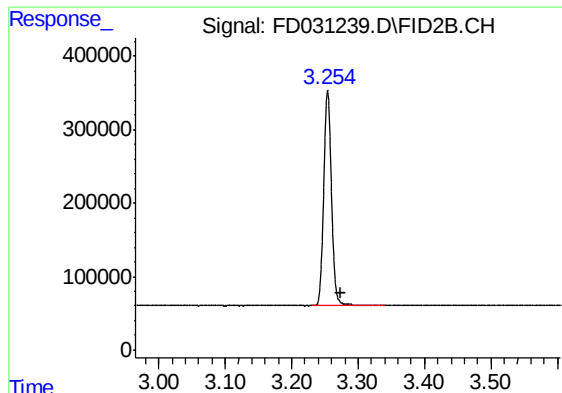
(m)=manual int.

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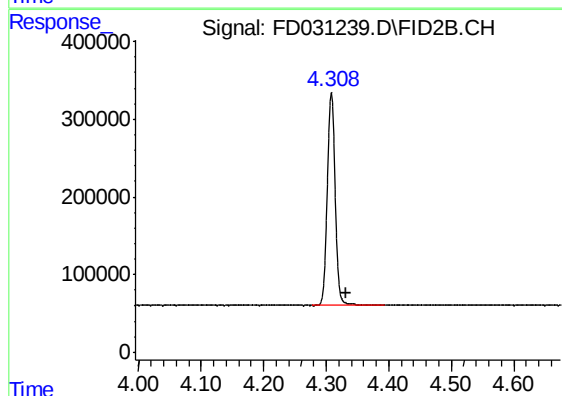
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





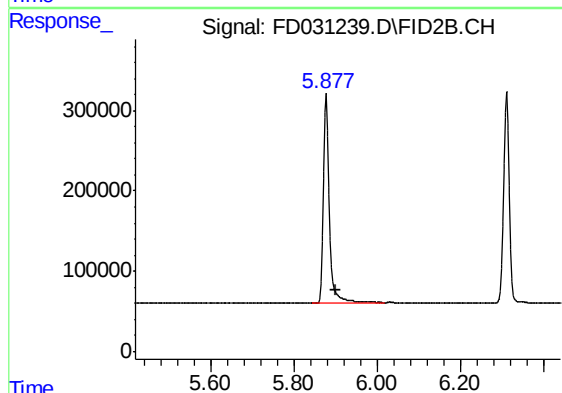
#1 n-Nonane (C9)

R.T.: 3.254 min  
Delta R.T.: -0.020 min  
Response: 2384813  
Conc: 22.80 ug/ml



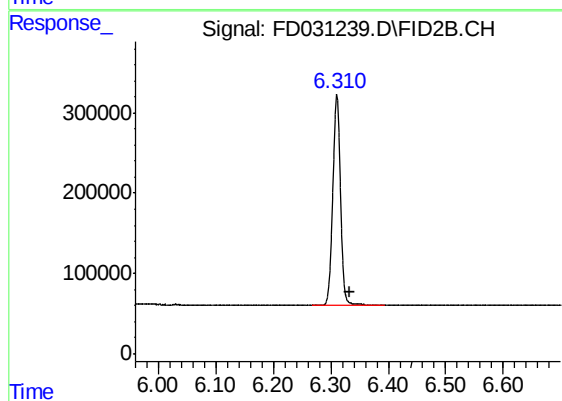
#2 n-Decane (C10)

R.T.: 4.308 min  
Delta R.T.: -0.023 min  
Response: 2410931  
Conc: 23.00 ug/ml



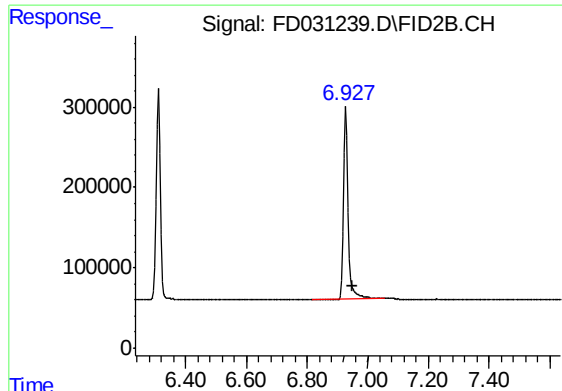
#3 A~Naphthalene (C11.7)

R.T.: 5.878 min  
Delta R.T.: -0.023 min  
Response: 2580701  
Conc: 22.52 ug/ml



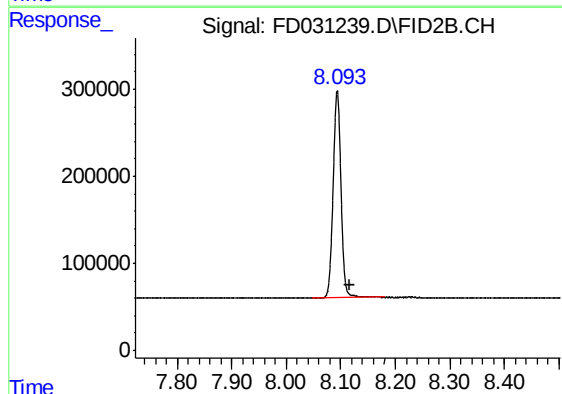
#4 n-Dodecane (C12)

R.T.: 6.311 min  
Delta R.T.: -0.024 min  
Response: 2440503  
Conc: 22.82 ug/ml



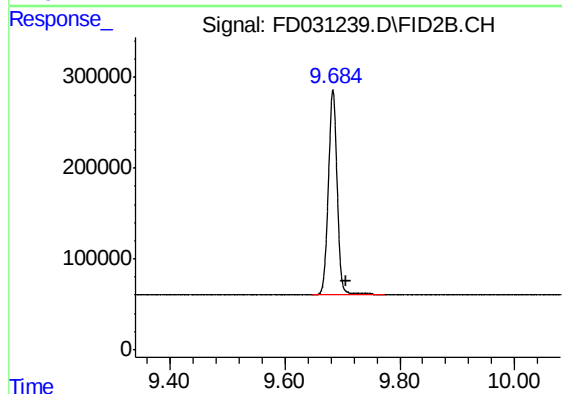
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.927 min  
Delta R.T.: -0.023 min  
Response: 2533315  
Conc: 21.98 ug/ml



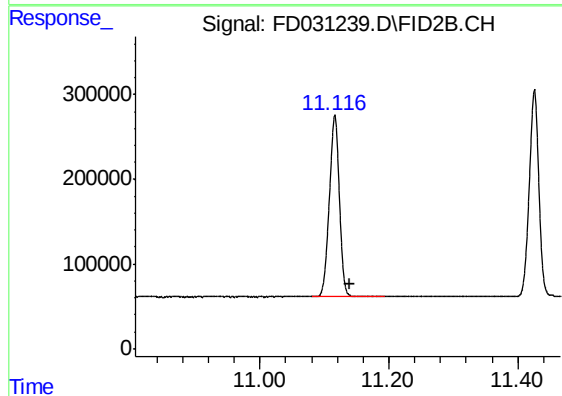
#6 n-Tetradecane (C14)

R.T.: 8.094 min  
Delta R.T.: -0.023 min  
Response: 2404584  
Conc: 22.36 ug/ml



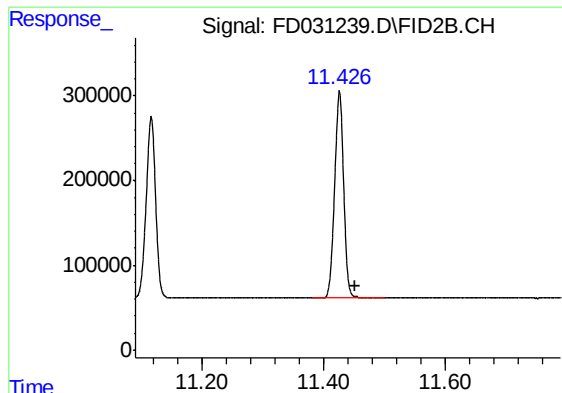
#7 n-Hexadecane (C16)

R.T.: 9.684 min  
Delta R.T.: -0.023 min  
Response: 2368465  
Conc: 21.99 ug/ml



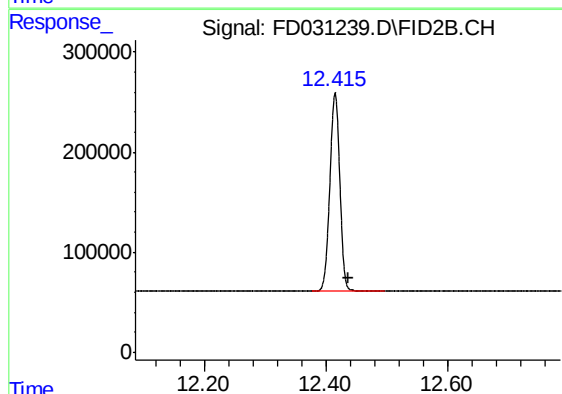
#8 n-Octadecane (C18)

R.T.: 11.116 min  
Delta R.T.: -0.023 min  
Response: 2313642  
Conc: 21.16 ug/ml



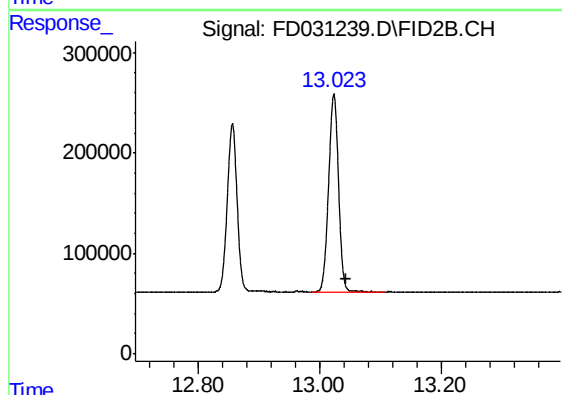
#9 ortho-Terphenyl (SURR)

R.T.: 11.426 min  
Delta R.T.: -0.025 min  
Response: 2525393  
Conc: 20.14 ug/ml



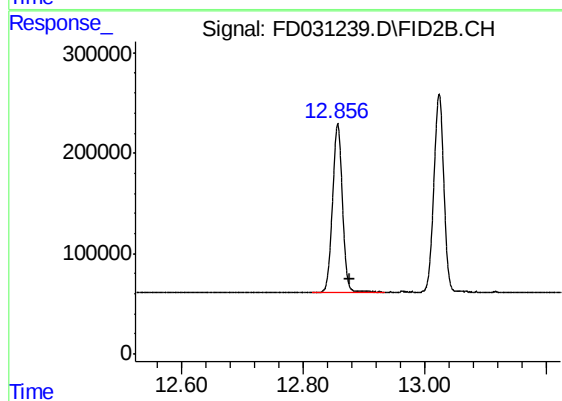
#10 n-Eicosane (C20)

R.T.: 12.415 min  
Delta R.T.: -0.021 min  
Response: 2248537  
Conc: 20.56 ug/ml



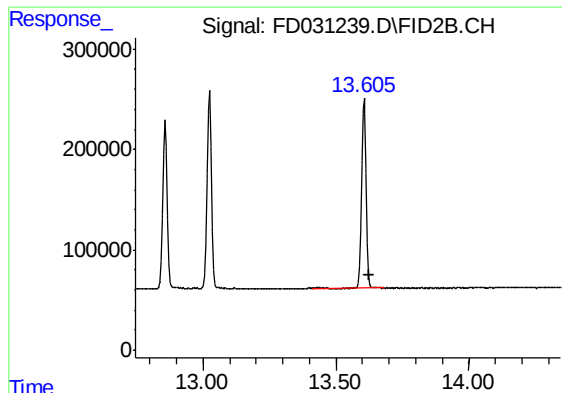
#11 n-Heneicosane (C21)

R.T.: 13.023 min  
Delta R.T.: -0.021 min  
Response: 2230560  
Conc: 20.29 ug/ml



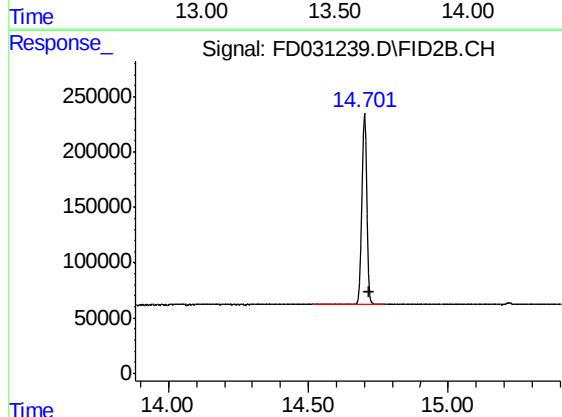
#12 1-chlorooctadecane (SURR)

R.T.: 12.856 min  
Delta R.T.: -0.020 min  
Response: 1883661  
Conc: 20.12 ug/ml



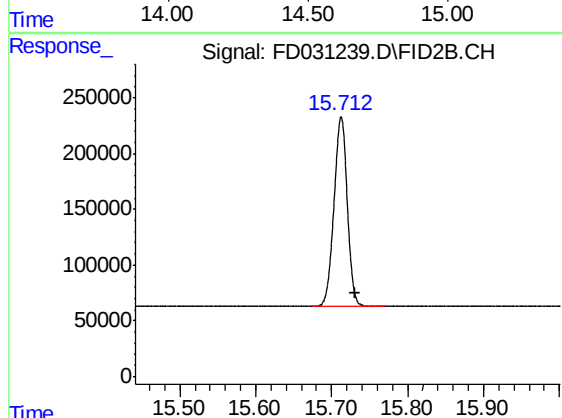
#13 n-Docosane (C22)

R.T.: 13.605 min  
Delta R.T.: -0.020 min  
Response: 2183780  
Conc: 19.97 ug/ml



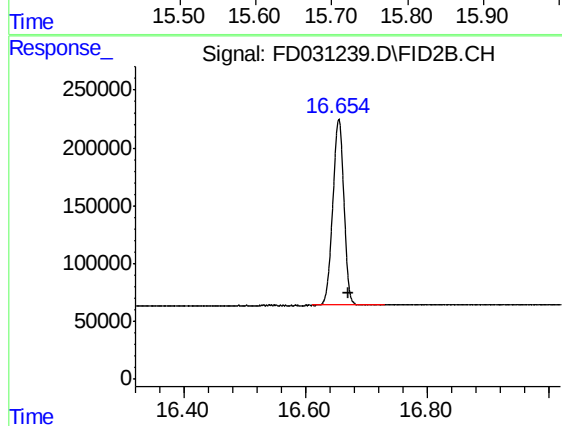
#14 n-Tetracosane (C24)

R.T.: 14.701 min  
Delta R.T.: -0.018 min  
Response: 2125485  
Conc: 19.46 ug/ml



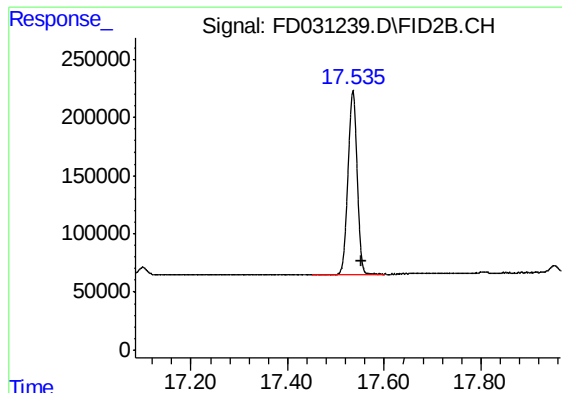
#15 n-Hexacosane (C26)

R.T.: 15.713 min  
Delta R.T.: -0.018 min  
Response: 2065007  
Conc: 19.08 ug/ml



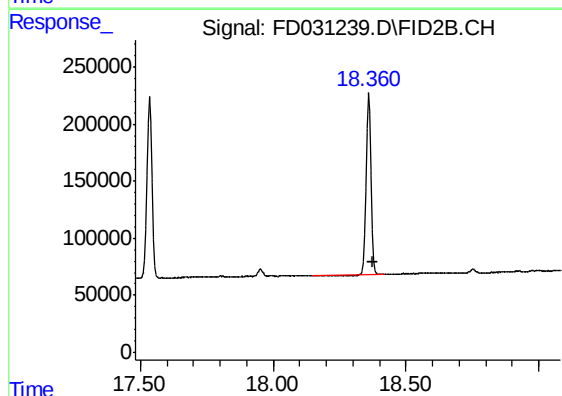
#16 n-Octacosane (C28)

R.T.: 16.655 min  
Delta R.T.: -0.017 min  
Response: 2057454  
Conc: 19.16 ug/ml



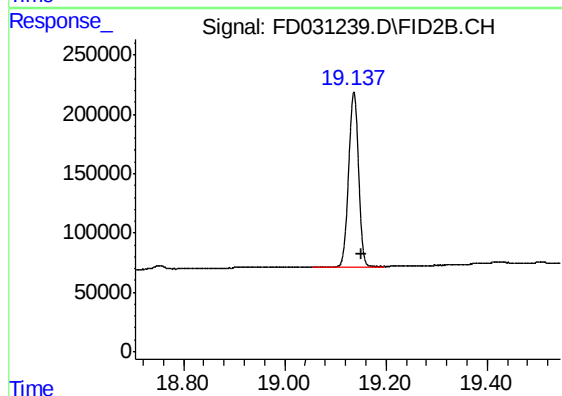
#17 n-Tricontane (C30)

R.T.: 17.535 min  
Delta R.T.: -0.016 min  
Response: 2069345  
Conc: 19.43 ug/ml



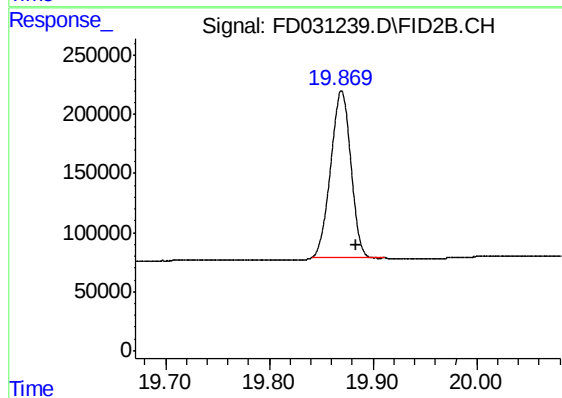
#18 n-Dotriacontane (C32)

R.T.: 18.360 min  
Delta R.T.: -0.016 min  
Response: 2008475  
Conc: 19.51 ug/ml



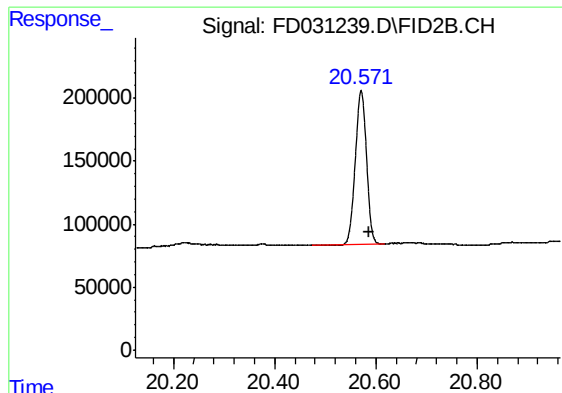
#19 n-Tetatriacontane (C34)

R.T.: 19.137 min  
Delta R.T.: -0.015 min  
Response: 1998196  
Conc: 20.33 ug/ml



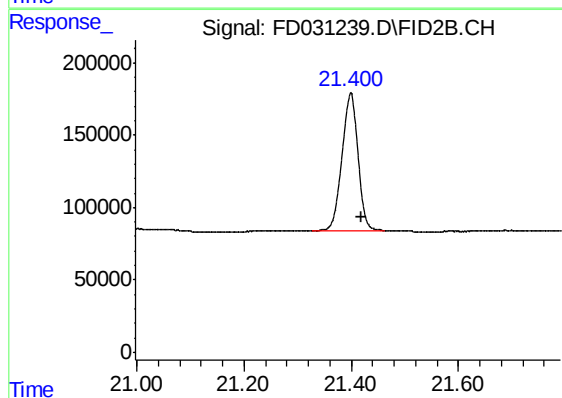
#20 n-Hexatriacontane (C36)

R.T.: 19.870 min  
Delta R.T.: -0.014 min  
Response: 1897736  
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.571 min  
Delta R.T.: -0.015 min  
Response: 1866136  
Conc: 21.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.400 min  
Delta R.T.: -0.018 min  
Response: 1972344  
Conc: 22.20 ug/ml m