

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120619AL\  
 Data File : FD031793.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Dec 2019 2:46  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 06 04:23:29 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 120619.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Dec 06 04:20:46 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)    | 11.545 | 2998335    | 20.729 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.46%       |
| 12) S 1-chlorooctadecane (S... | 12.974 | 2354066    | 20.758 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.52%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.343  | 2633048    | 20.856 ug/ml |
| 2) T n-Decane (C10)            | 4.407  | 2646258    | 20.827 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.985  | 2980253    | 20.849 ug/ml |
| 4) T n-Dodecane (C12)          | 6.416  | 2679574    | 20.770 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.036  | 3009539    | 20.813 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.202  | 2719368    | 20.726 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.795  | 2754722    | 20.756 ug/ml |
| 8) T n-Octadecane (C18)        | 11.229 | 2771792    | 20.706 ug/ml |
| 10) T n-Eicosane (C20)         | 12.531 | 2773886    | 20.728 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.140 | 2791777    | 20.702 ug/ml |
| 13) T n-Docosane (C22)         | 13.723 | 2781910    | 20.768 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.820 | 2788822    | 20.785 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.835 | 2729427    | 20.817 ug/ml |
| 16) T n-Octacosane (C28)       | 16.779 | 2644098    | 20.843 ug/ml |
| 17) T n-Tricontane (C30)       | 17.661 | 2472057    | 20.882 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.488 | 2025286    | 20.918 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.267 | 1658440    | 20.893 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.001 | 1481506    | 21.049 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.719 | 1344611    | 20.825 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.587 | 1415891    | 21.054 ug/ml |
| -----                          |        |            |              |

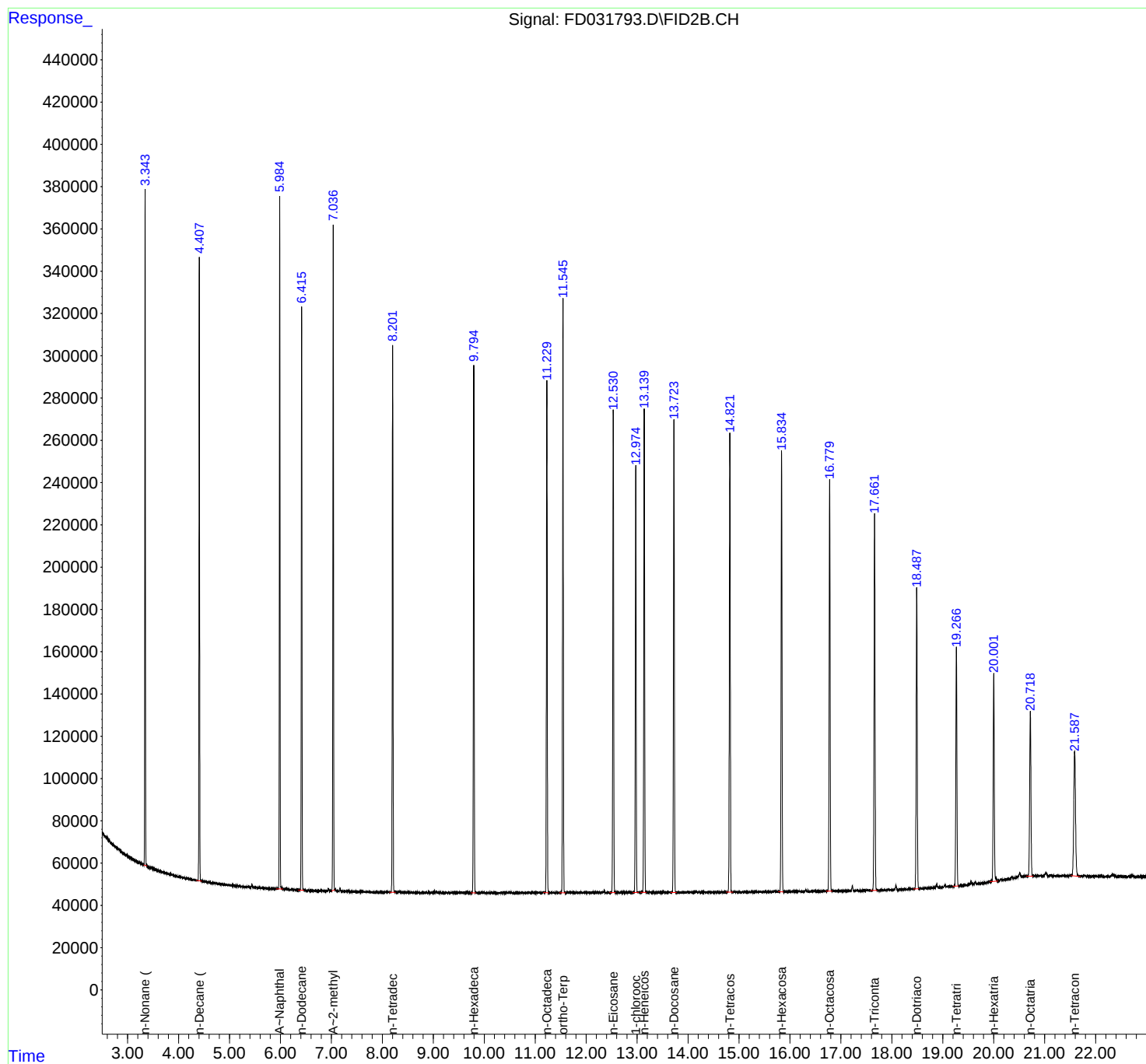
(f)=RT Delta > 1/2 Window

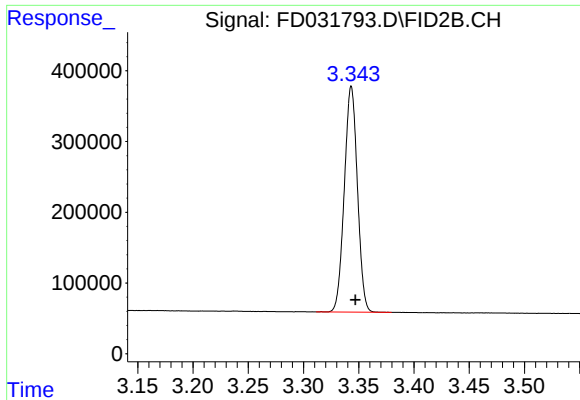
(m)=manual int.

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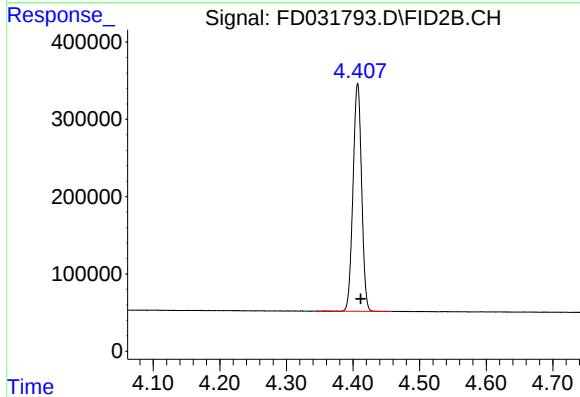
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





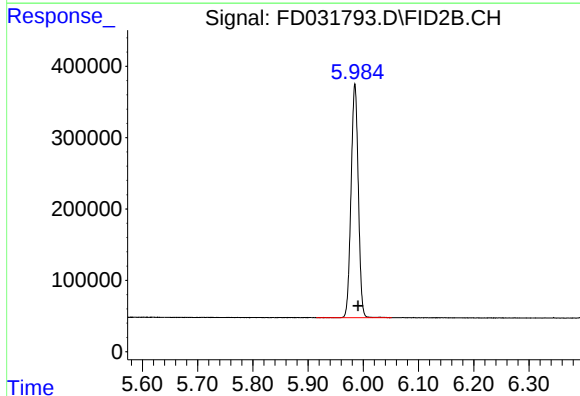
#1 n-Nonane (C9)

R.T.: 3.343 min  
Delta R.T.: -0.004 min  
Response: 2633048  
Conc: 20.86 ug/ml



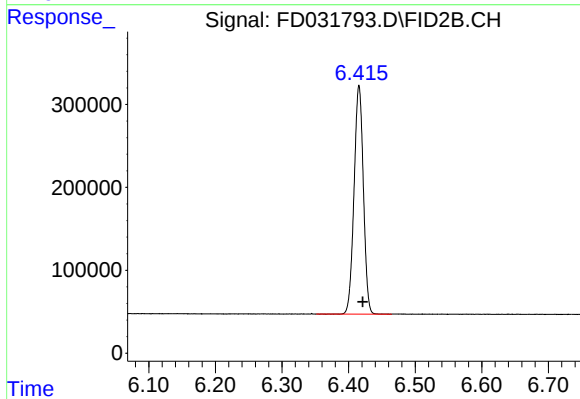
#2 n-Decane (C10)

R.T.: 4.407 min  
Delta R.T.: -0.005 min  
Response: 2646258  
Conc: 20.83 ug/ml



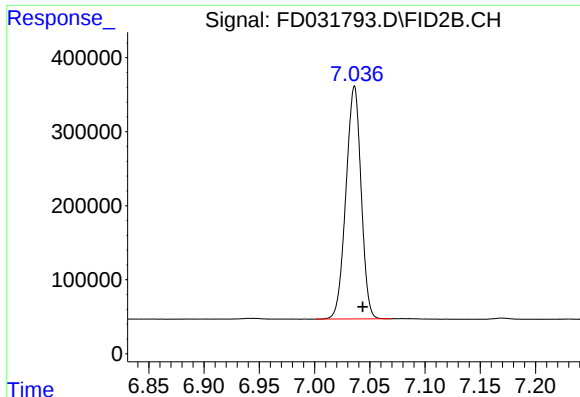
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min  
Delta R.T.: -0.006 min  
Response: 2980253  
Conc: 20.85 ug/ml



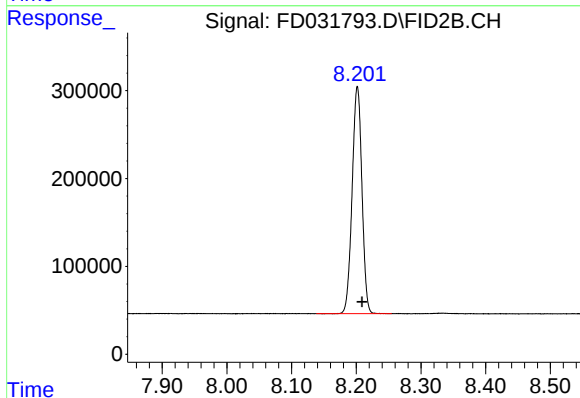
#4 n-Dodecane (C12)

R.T.: 6.416 min  
Delta R.T.: -0.006 min  
Response: 2679574  
Conc: 20.77 ug/ml



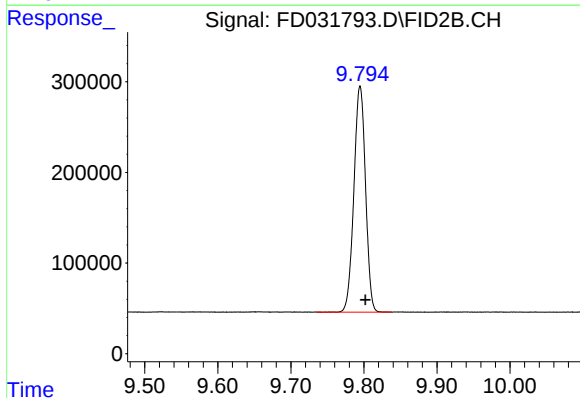
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min  
Delta R.T.: -0.008 min  
Response: 3009539  
Conc: 20.81 ug/ml



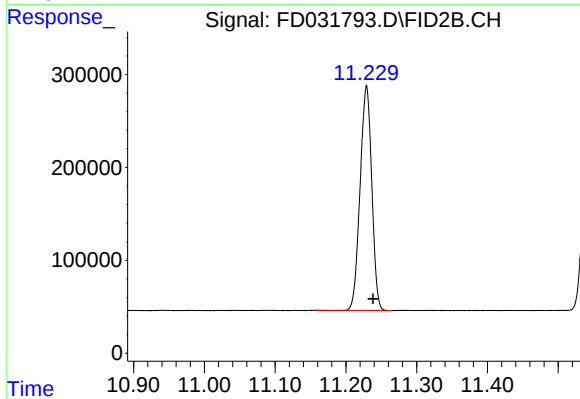
#6 n-Tetradecane (C14)

R.T.: 8.202 min  
Delta R.T.: -0.007 min  
Response: 2719368  
Conc: 20.73 ug/ml



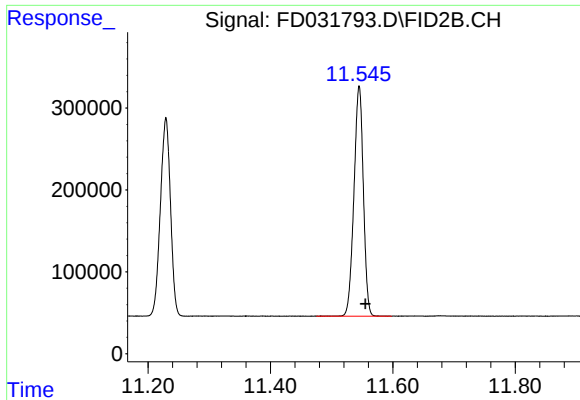
#7 n-Hexadecane (C16)

R.T.: 9.795 min  
Delta R.T.: -0.007 min  
Response: 2754722  
Conc: 20.76 ug/ml



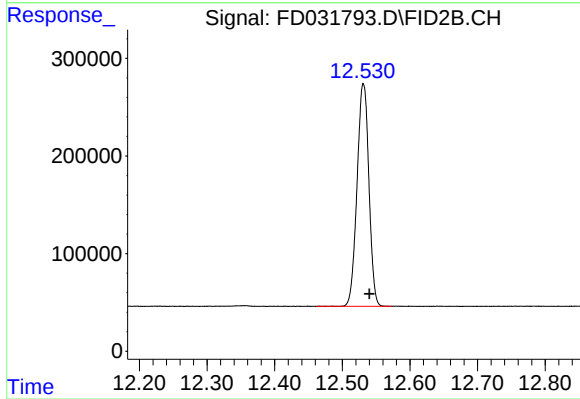
#8 n-Octadecane (C18)

R.T.: 11.229 min  
Delta R.T.: -0.009 min  
Response: 2771792  
Conc: 20.71 ug/ml



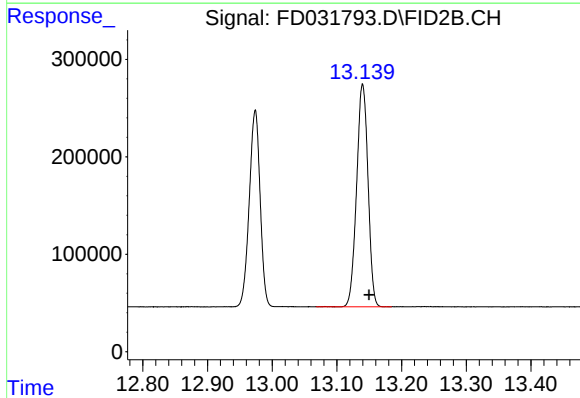
#9 ortho-Terphenyl (SURR)

R.T.: 11.545 min  
Delta R.T.: -0.010 min  
Response: 2998335  
Conc: 20.73 ug/ml



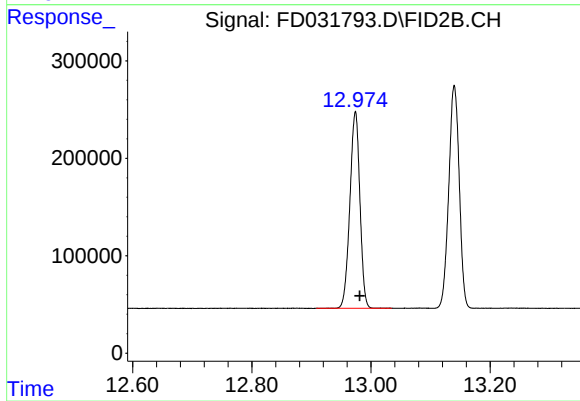
#10 n-Eicosane (C20)

R.T.: 12.531 min  
Delta R.T.: -0.009 min  
Response: 2773886  
Conc: 20.73 ug/ml



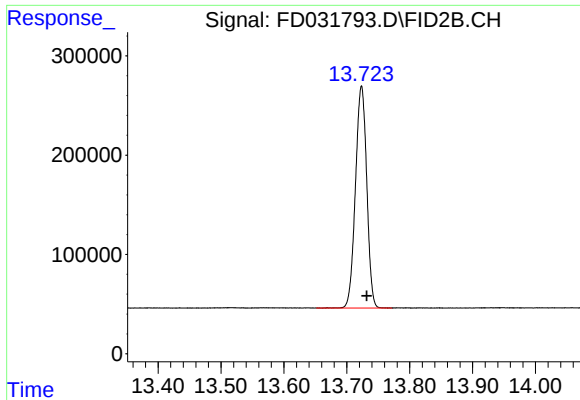
#11 n-Heneicosane (C21)

R.T.: 13.140 min  
Delta R.T.: -0.010 min  
Response: 2791777  
Conc: 20.70 ug/ml



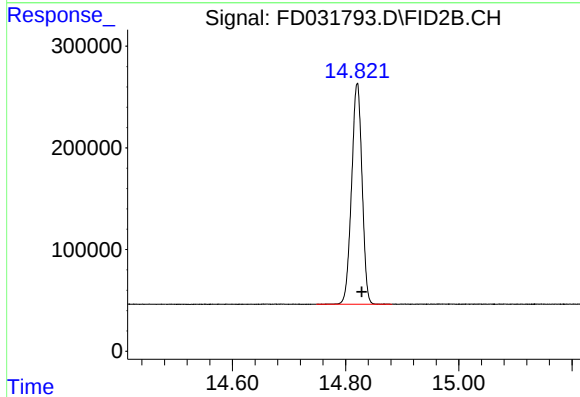
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min  
Delta R.T.: -0.008 min  
Response: 2354066  
Conc: 20.76 ug/ml



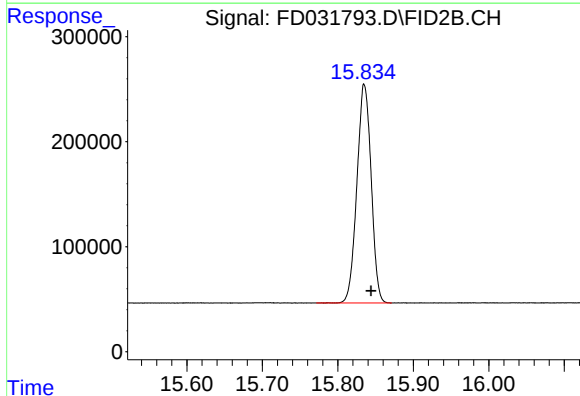
#13 n-Docosane (C22)

R.T.: 13.723 min  
Delta R.T.: -0.008 min  
Response: 2781910  
Conc: 20.77 ug/ml



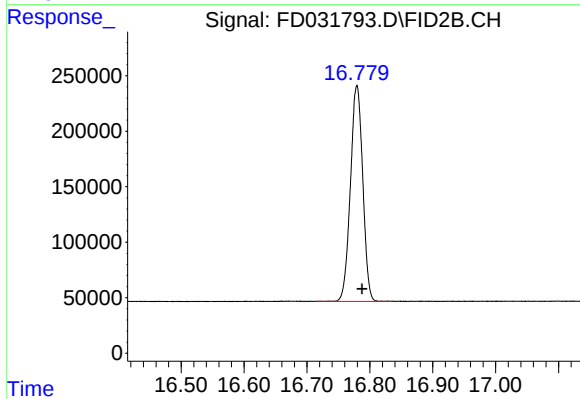
#14 n-Tetracosane (C24)

R.T.: 14.820 min  
Delta R.T.: -0.008 min  
Response: 2788822  
Conc: 20.78 ug/ml



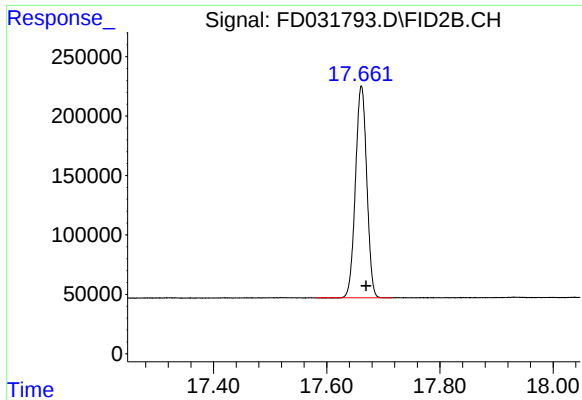
#15 n-Hexacosane (C26)

R.T.: 15.835 min  
Delta R.T.: -0.009 min  
Response: 2729427  
Conc: 20.82 ug/ml



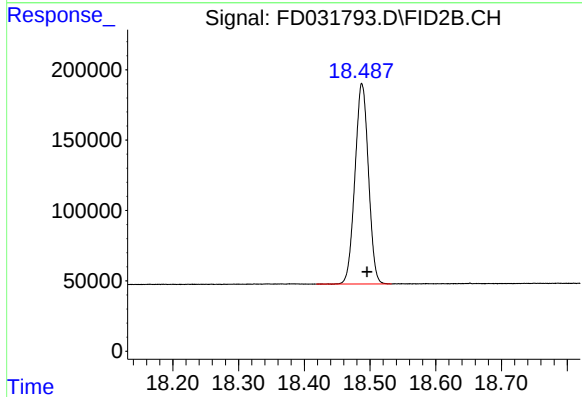
#16 n-Octacosane (C28)

R.T.: 16.779 min  
Delta R.T.: -0.008 min  
Response: 2644098  
Conc: 20.84 ug/ml



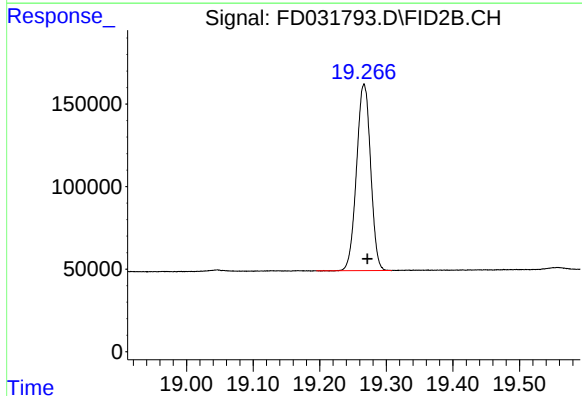
#17 n-Tricontane (C30)

R.T.: 17.661 min  
Delta R.T.: -0.008 min  
Response: 2472057  
Conc: 20.88 ug/ml



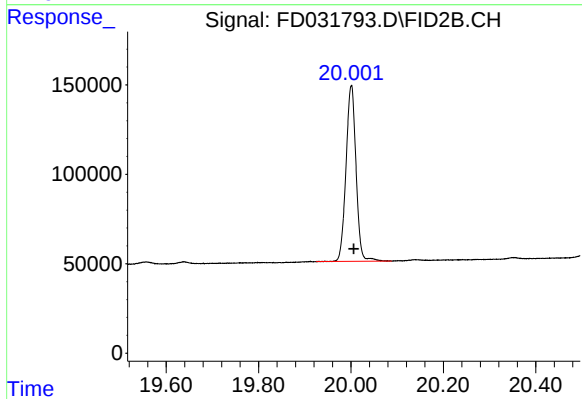
#18 n-Dotriacontane (C32)

R.T.: 18.488 min  
Delta R.T.: -0.007 min  
Response: 2025286  
Conc: 20.92 ug/ml



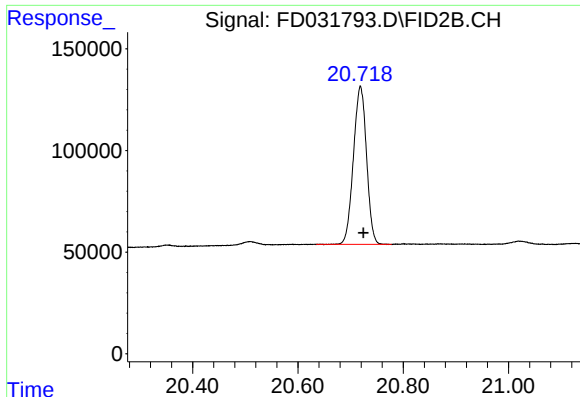
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min  
Delta R.T.: -0.005 min  
Response: 1658440  
Conc: 20.89 ug/ml



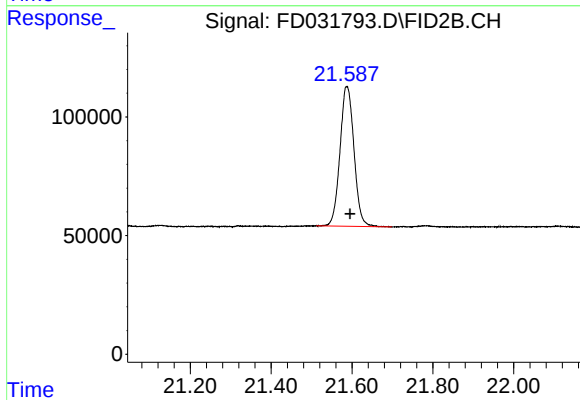
#20 n-Hexatriacontane (C36)

R.T.: 20.001 min  
Delta R.T.: -0.006 min  
Response: 1481506  
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min  
Delta R.T.: -0.005 min  
Response: 1344611  
Conc: 20.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.587 min  
Delta R.T.: -0.008 min  
Response: 1415891  
Conc: 21.05 ug/ml