

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD092418AL\  
 Data File : FD025687.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Sep 2018 00:53  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 25 08:58:02 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 091718.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 18 07:25:24 2018  
 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)    | 11.322 | 1397803    | 16.658 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.32%        |
| 12) S 1-chlorooctadecane (S... | 12.764 | 955205     | 15.645 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 31.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.133  | 1113644    | 15.913 ug/ml  |
| 2) T n-Decane (C10)            | 4.197  | 1119946    | 15.948 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.763  | 1347302    | 16.491 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.210  | 1094444    | 15.835 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 6.814  | 1351476    | 16.625 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.996  | 1081921    | 15.516 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.588  | 1075393    | 15.254 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.022 | 1073921    | 15.106 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.326 | 1084351    | 15.278 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.934 | 1072140    | 15.624 ug/ml  |
| 13) T n-Docosane (C22)         | 13.517 | 1076311    | 15.938 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.615 | 1073562    | 16.403 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.630 | 1081557    | 17.409 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.576 | 1082961    | 17.415 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.460 | 1075251    | 16.036 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.287 | 1100324    | 16.966 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.065 | 1032854    | 16.928 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.800 | 964464     | 16.893 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.503 | 939715     | 16.793 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.303 | 889439     | 16.057 ug/mlm |
| -----                          |        |            |               |

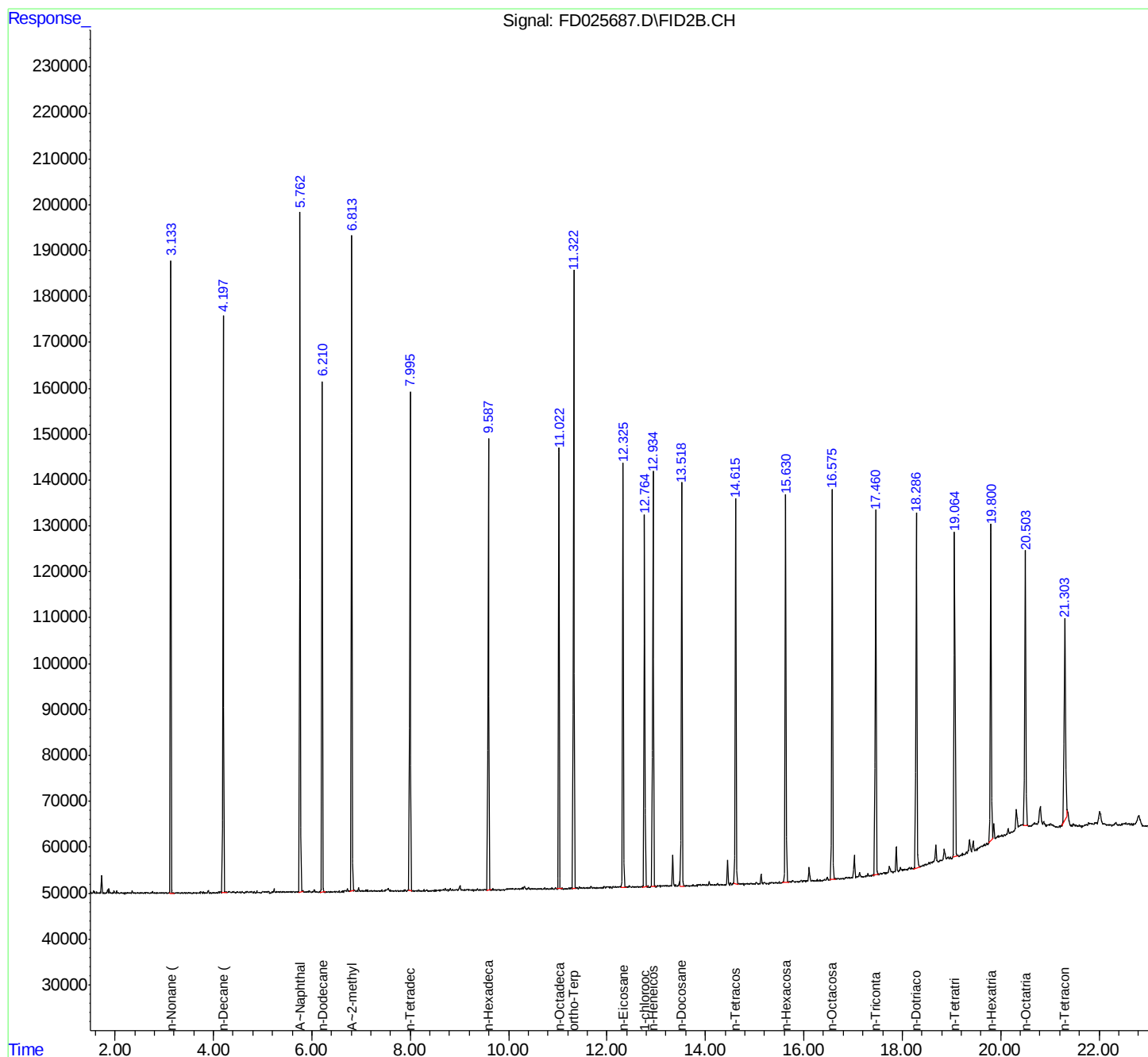
(f)=RT Delta > 1/2 Window

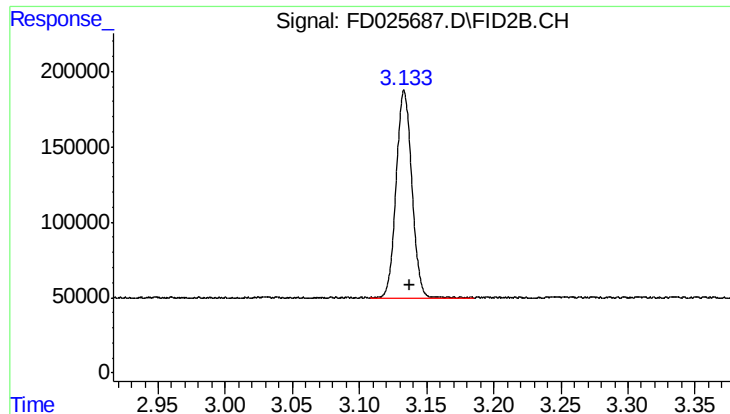
(m)=manual int.

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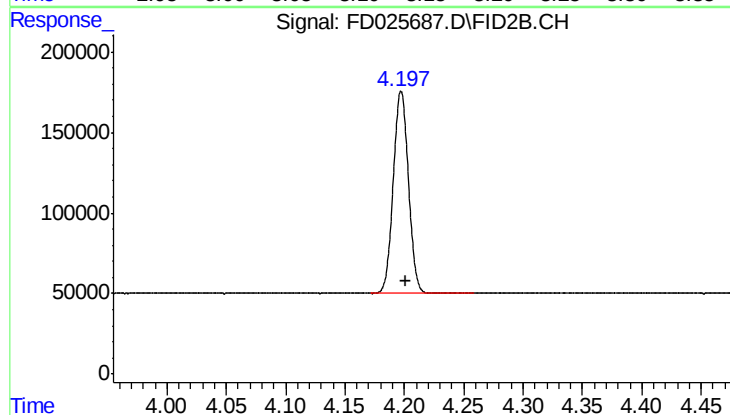
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





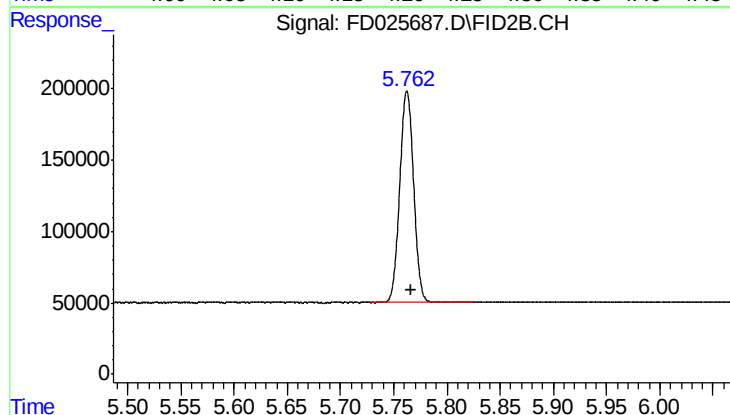
#1 n-Nonane (C9)

R.T.: 3.133 min  
Delta R.T.: -0.004 min  
Response: 1113644  
Conc: 15.91 ug/ml



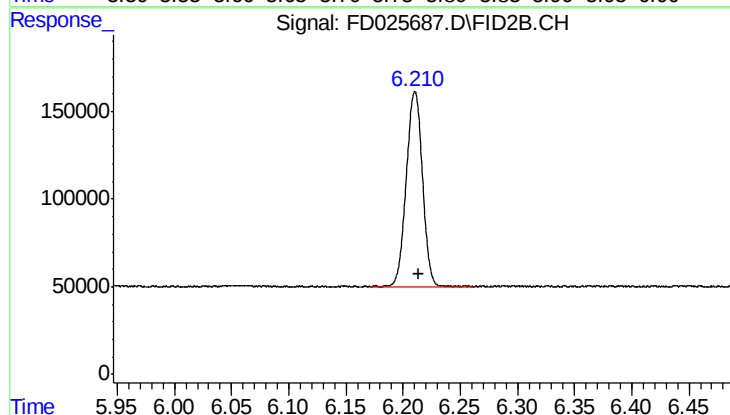
#2 n-Decane (C10)

R.T.: 4.197 min  
Delta R.T.: -0.003 min  
Response: 1119946  
Conc: 15.95 ug/ml



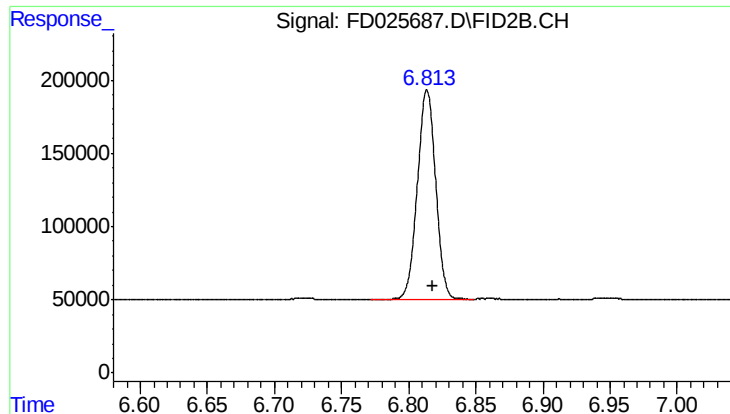
#3 A-Naphthalene (C11.7)

R.T.: 5.763 min  
Delta R.T.: -0.004 min  
Response: 1347302  
Conc: 16.49 ug/ml



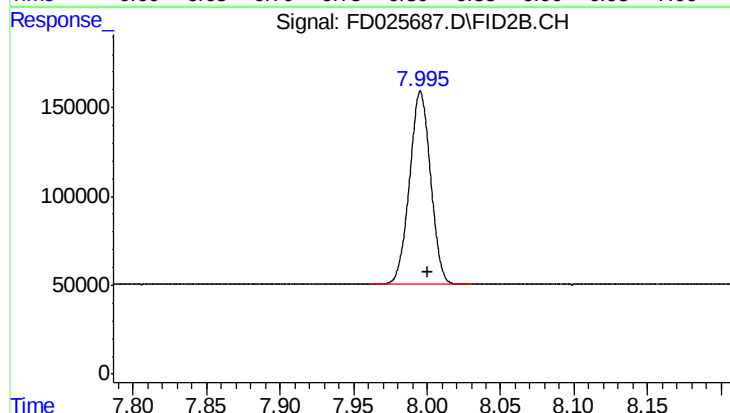
#4 n-Dodecane (C12)

R.T.: 6.210 min  
Delta R.T.: -0.004 min  
Response: 1094444  
Conc: 15.83 ug/ml



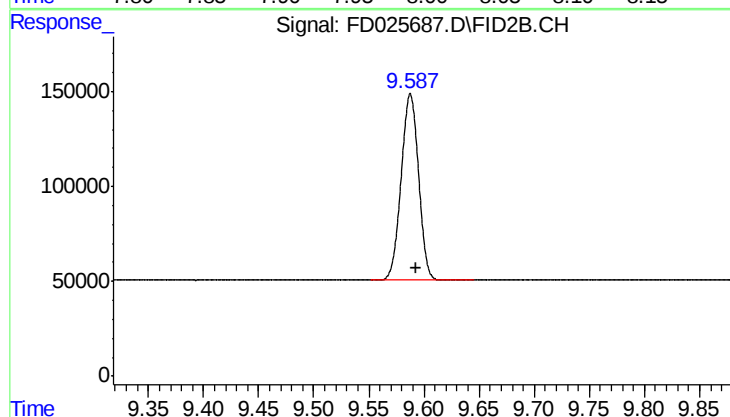
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.814 min  
Delta R.T.: -0.004 min  
Response: 1351476  
Conc: 16.62 ug/ml



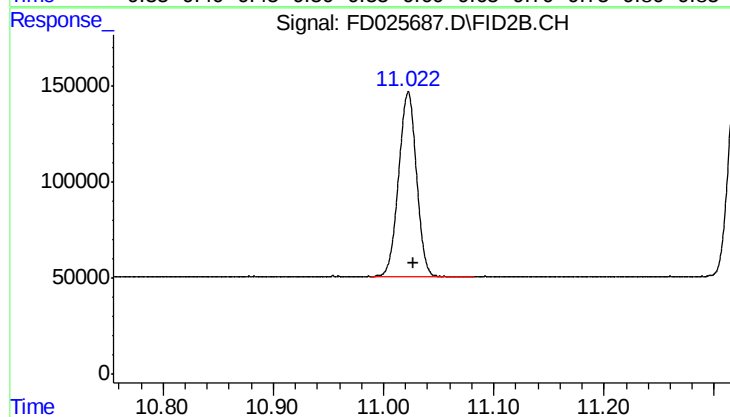
#6 n-Tetradecane (C14)

R.T.: 7.996 min  
Delta R.T.: -0.005 min  
Response: 1081921  
Conc: 15.52 ug/ml



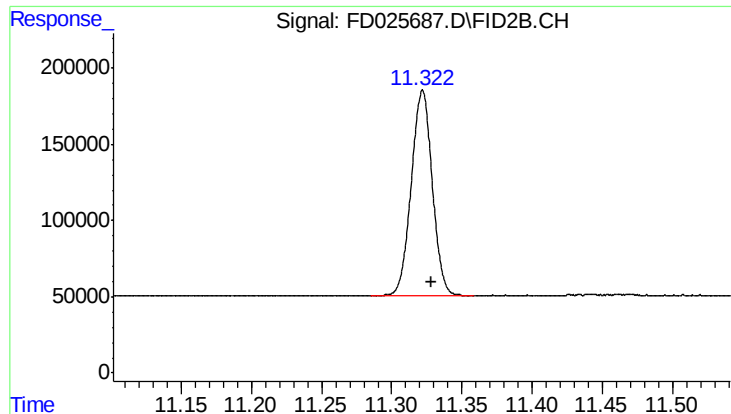
#7 n-Hexadecane (C16)

R.T.: 9.588 min  
Delta R.T.: -0.005 min  
Response: 1075393  
Conc: 15.25 ug/ml



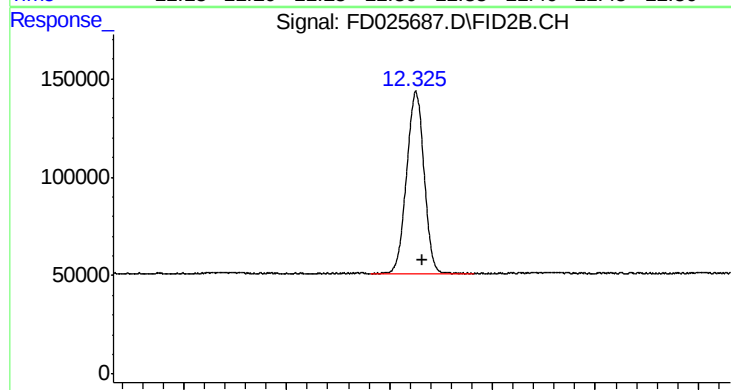
#8 n-Octadecane (C18)

R.T.: 11.022 min  
Delta R.T.: -0.005 min  
Response: 1073921  
Conc: 15.11 ug/ml



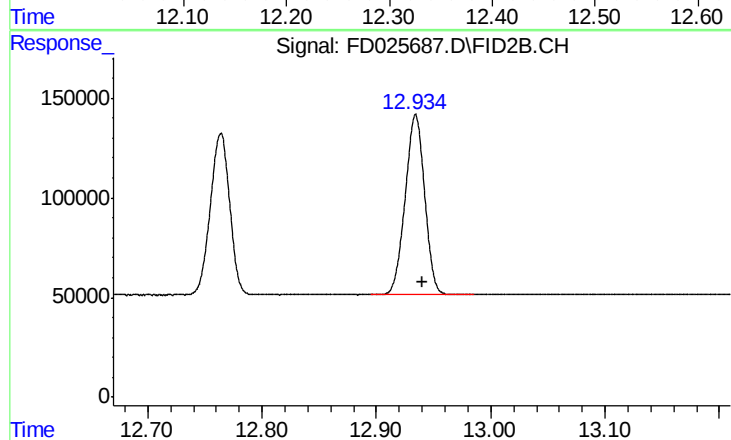
#9 ortho-Terphenyl (SURR)

R.T.: 11.322 min  
Delta R.T.: -0.006 min  
Response: 1397803  
Conc: 16.66 ug/ml



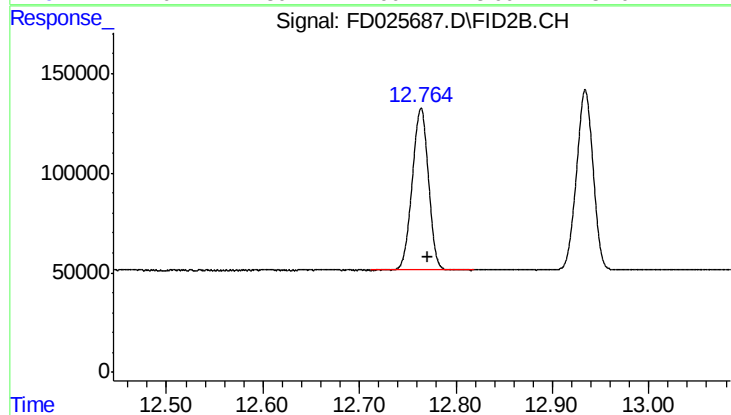
#10 n-Eicosane (C20)

R.T.: 12.326 min  
Delta R.T.: -0.006 min  
Response: 1084351  
Conc: 15.28 ug/ml



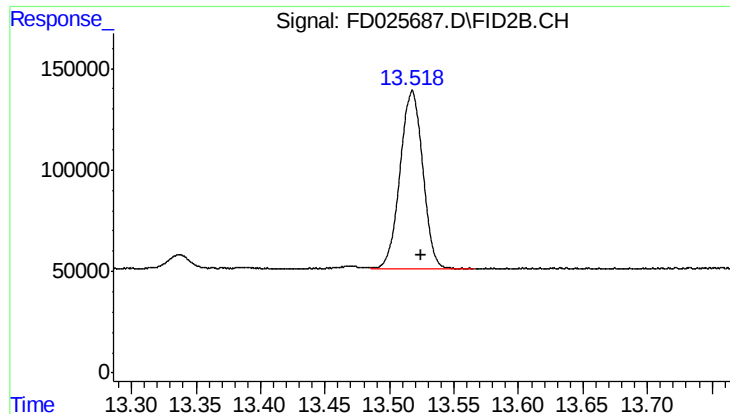
#11 n-Heneicosane (C21)

R.T.: 12.934 min  
Delta R.T.: -0.006 min  
Response: 1072140  
Conc: 15.62 ug/ml



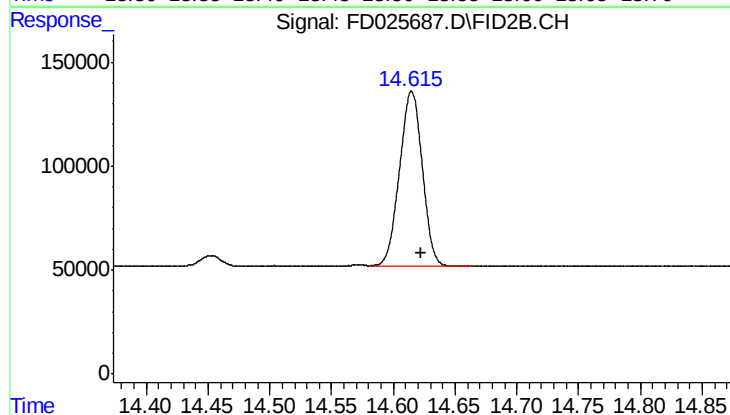
#12 1-chlorooctadecane (SURR)

R.T.: 12.764 min  
Delta R.T.: -0.007 min  
Response: 955205  
Conc: 15.64 ug/ml



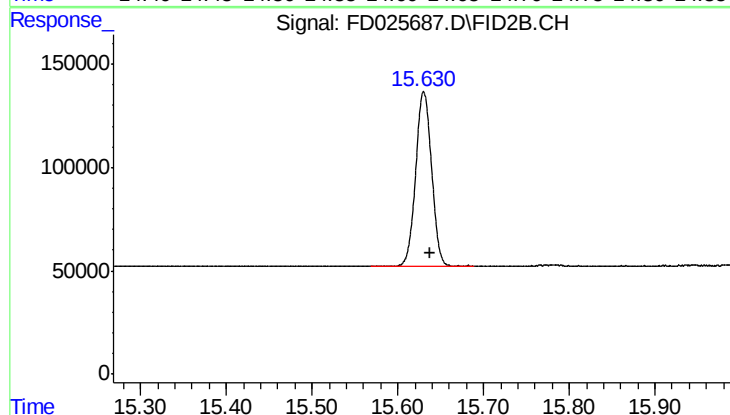
#13 n-Docosane (C22)

R.T.: 13.517 min  
Delta R.T.: -0.007 min  
Response: 1076311  
Conc: 15.94 ug/ml



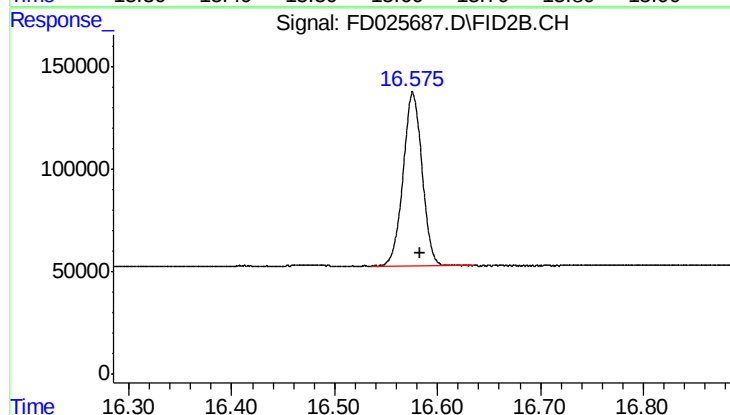
#14 n-Tetracosane (C24)

R.T.: 14.615 min  
Delta R.T.: -0.007 min  
Response: 1073562  
Conc: 16.40 ug/ml



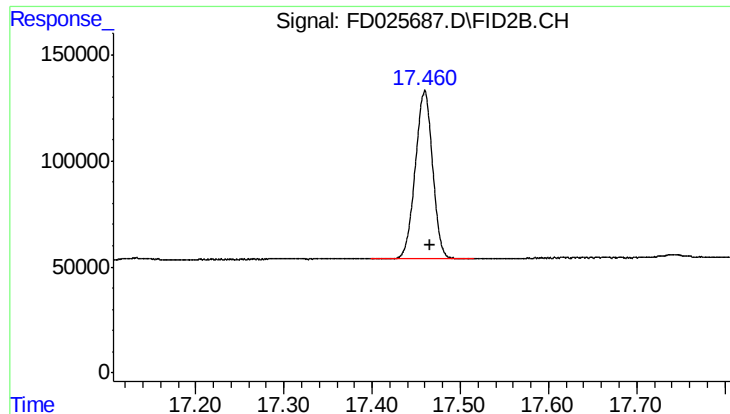
#15 n-Hexacosane (C26)

R.T.: 15.630 min  
Delta R.T.: -0.007 min  
Response: 1081557  
Conc: 17.41 ug/ml



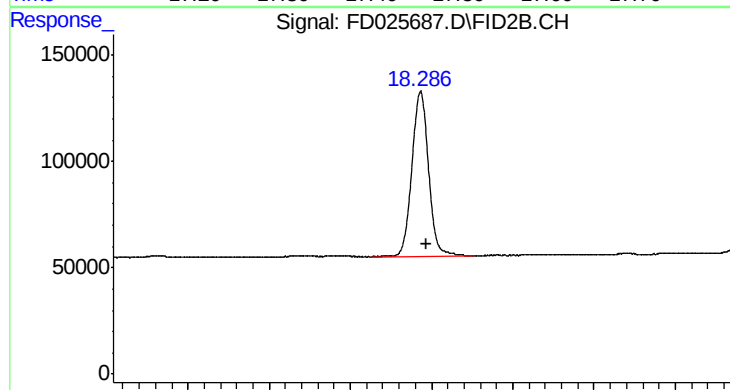
#16 n-Octacosane (C28)

R.T.: 16.576 min  
Delta R.T.: -0.007 min  
Response: 1082961  
Conc: 17.42 ug/ml



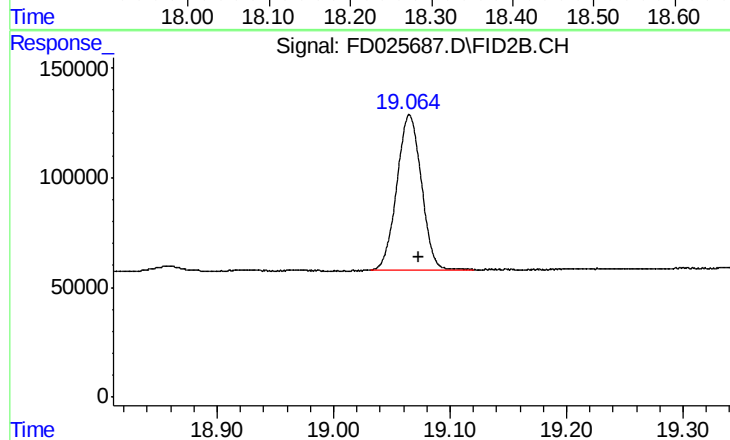
#17 n-Tricontane (C30)

R.T.: 17.460 min  
Delta R.T.: -0.007 min  
Response: 1075251  
Conc: 16.04 ug/ml



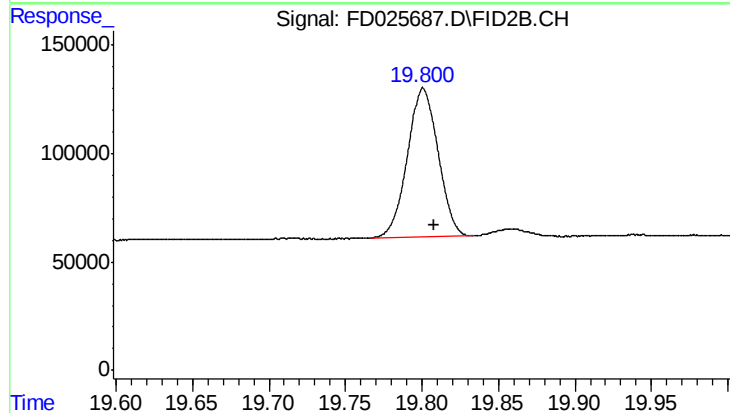
#18 n-Dotriacontane (C32)

R.T.: 18.287 min  
Delta R.T.: -0.008 min  
Response: 1100324  
Conc: 16.97 ug/ml



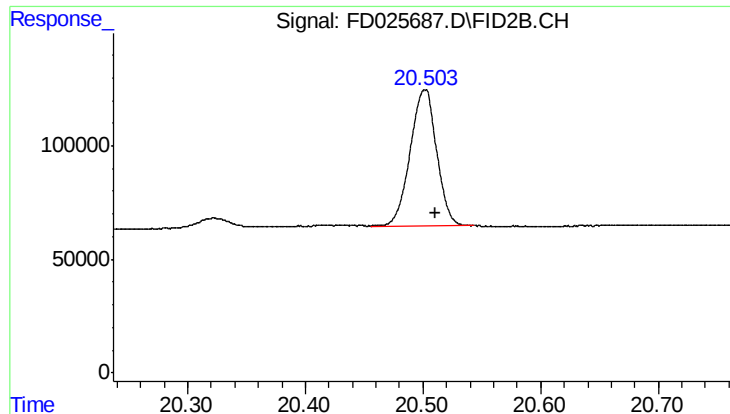
#19 n-Tetratriacontane (C34)

R.T.: 19.065 min  
Delta R.T.: -0.008 min  
Response: 1032854  
Conc: 16.93 ug/ml



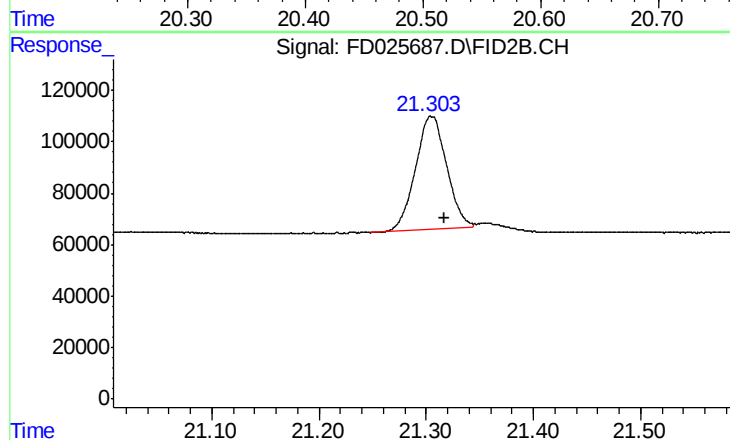
#20 n-Hexatriacontane (C36)

R.T.: 19.800 min  
Delta R.T.: -0.008 min  
Response: 964464  
Conc: 16.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.503 min  
Delta R.T.: -0.007 min  
Response: 939715  
Conc: 16.79 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.303 min  
Delta R.T.: -0.014 min  
Response: 889439  
Conc: 16.06 ug/ml m