

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120921AL\  
 Data File : FD039778.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Dec 2021 7:33  
 Operator : AJ\MA  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Dec 10 10:36:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 120921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 10 10:35:27 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)    | 11.484 | 14098571   | 101.761 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 203.52%       |
| 12) S 1-chlorooctadecane (S... | 12.913 | 11236143   | 103.511 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 207.02%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.279  | 12306516   | 100.934 ug/ml |
| 2) T n-Decane (C10)            | 4.341  | 12412457   | 101.407 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.918  | 13830978   | 104.413 ug/ml |
| 4) T n-Dodecane (C12)          | 6.350  | 12411946   | 101.760 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.971  | 13938937   | 104.710 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.137  | 12532934   | 102.611 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.731  | 12680296   | 102.844 ug/ml |
| 8) T n-Octadecane (C18)        | 11.169 | 13157844   | 102.550 ug/ml |
| 10) T n-Eicosane (C20)         | 12.472 | 13224632   | 102.493 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.082 | 13463906   | 102.192 ug/ml |
| 13) T n-Docosane (C22)         | 13.665 | 13453008   | 102.119 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.762 | 13658791   | 100.873 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.779 | 13486404   | 100.767 ug/ml |
| 16) T n-Octacosane (C28)       | 16.724 | 13292088   | 100.673 ug/ml |
| 17) T n-Tricontane (C30)       | 17.607 | 12763937   | 101.150 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.434 | 11899744   | 102.279 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.213 | 11216755   | 104.160 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.949 | 10257438   | 103.971 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.660 | 9593061    | 102.665 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.516 | 9400551    | 110.811 ug/ml |
| -----                          |        |            |               |

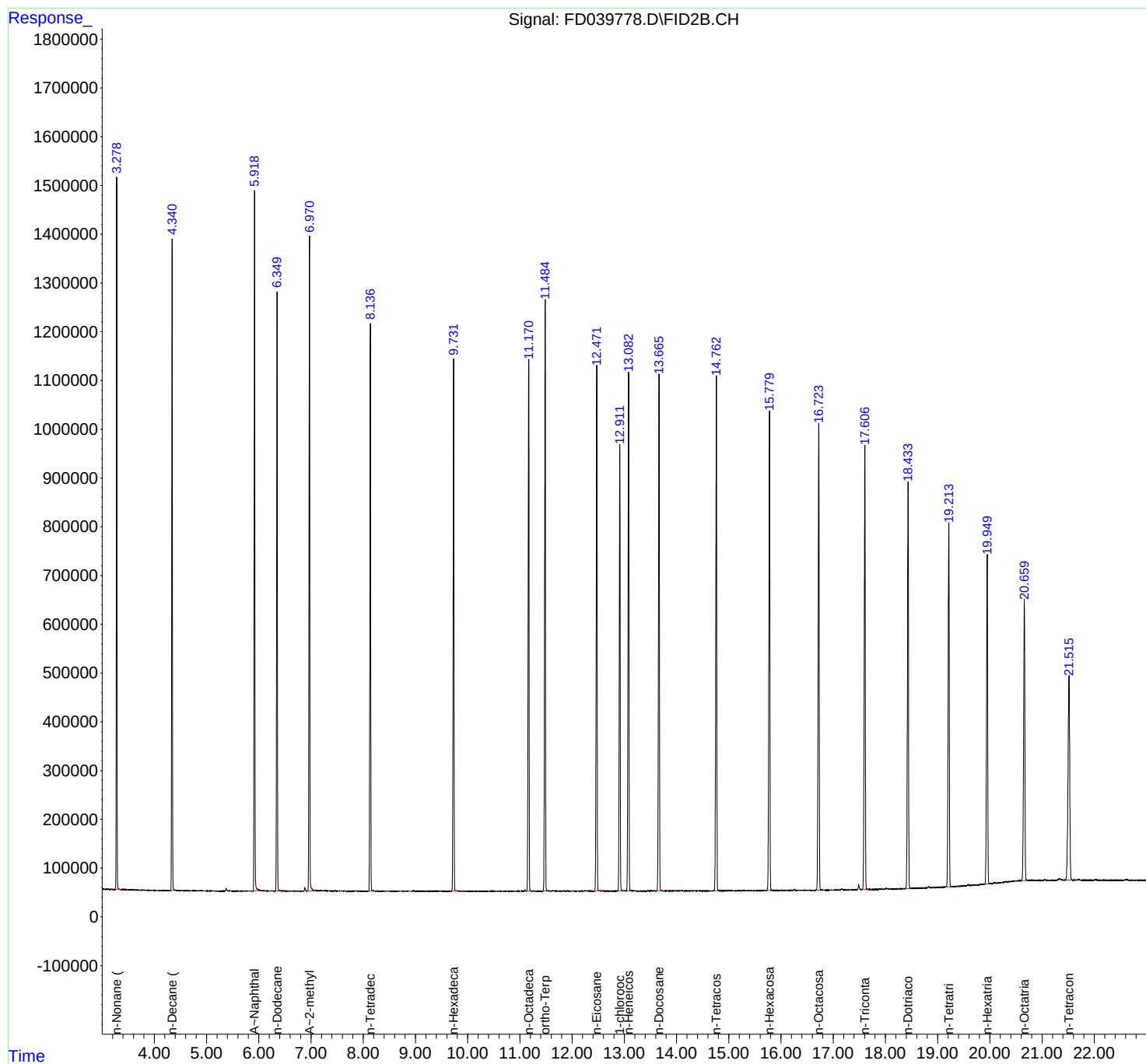
(f)=RT Delta > 1/2 Window

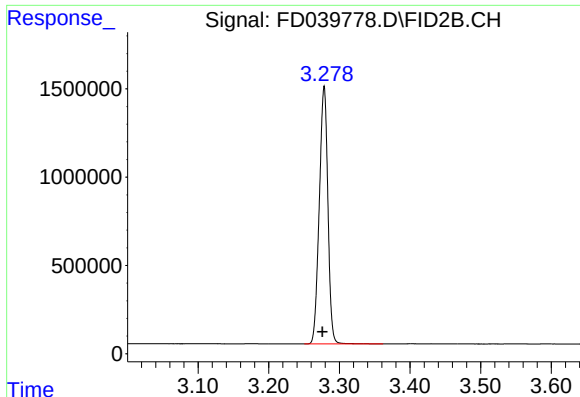
(m)=manual int.

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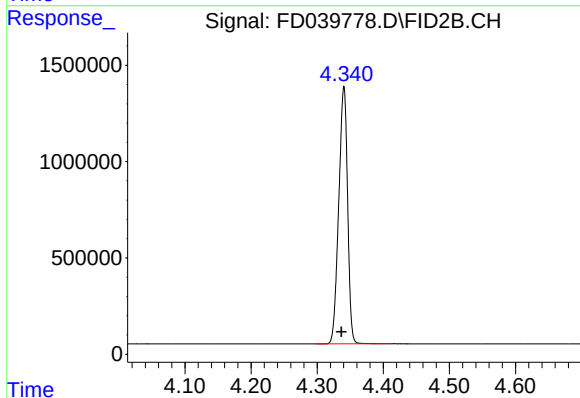
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





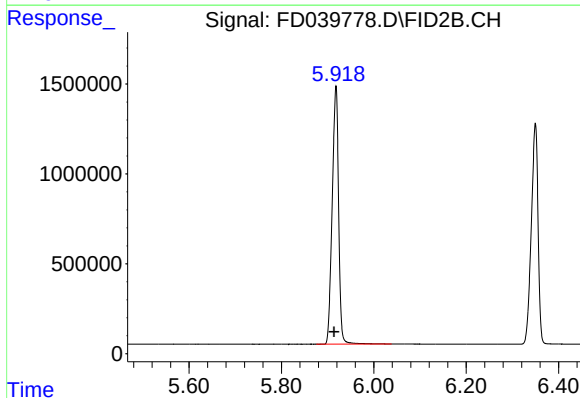
#1 n-Nonane (C9)

R.T.: 3.279 min  
Delta R.T.: 0.003 min  
Response: 12306516  
Conc: 100.93 ug/ml



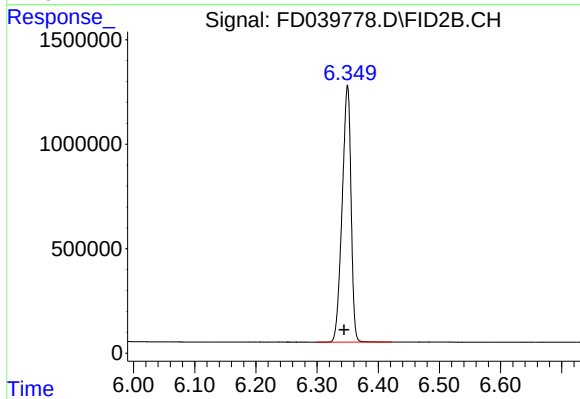
#2 n-Decane (C10)

R.T.: 4.341 min  
Delta R.T.: 0.004 min  
Response: 12412457  
Conc: 101.41 ug/ml



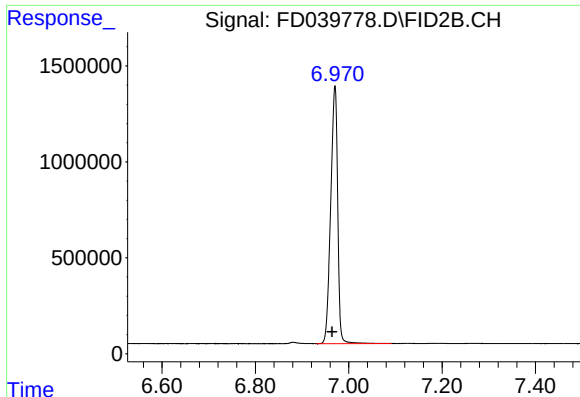
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min  
Delta R.T.: 0.004 min  
Response: 13830978  
Conc: 104.41 ug/ml



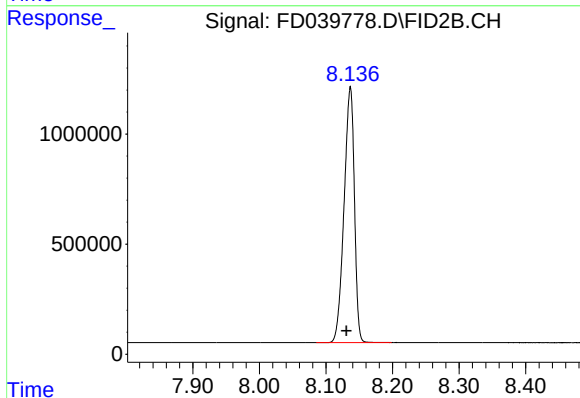
#4 n-Dodecane (C12)

R.T.: 6.350 min  
Delta R.T.: 0.006 min  
Response: 12411946  
Conc: 101.76 ug/ml



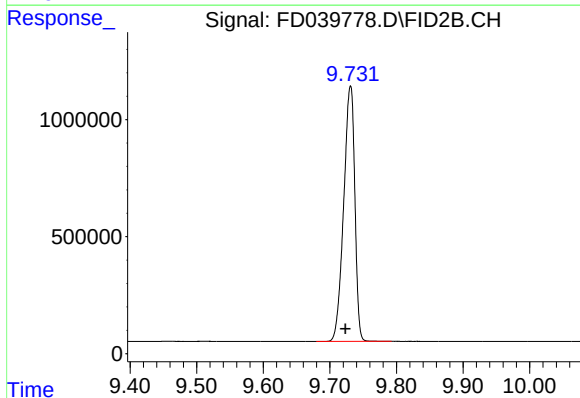
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min  
Delta R.T.: 0.006 min  
Response: 13938937  
Conc: 104.71 ug/ml



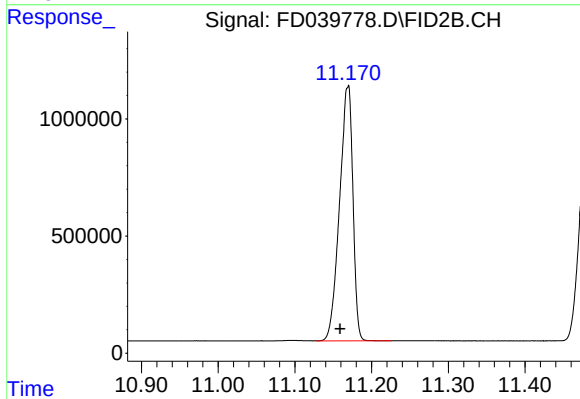
#6 n-Tetradecane (C14)

R.T.: 8.137 min  
Delta R.T.: 0.006 min  
Response: 12532934  
Conc: 102.61 ug/ml



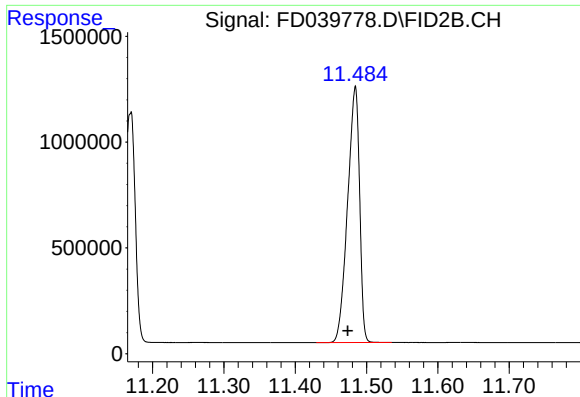
#7 n-Hexadecane (C16)

R.T.: 9.731 min  
Delta R.T.: 0.008 min  
Response: 12680296  
Conc: 102.84 ug/ml



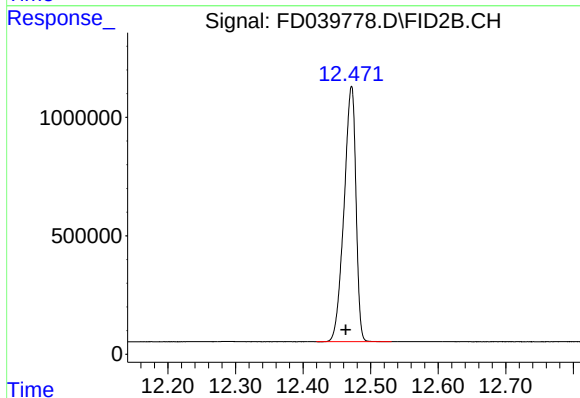
#8 n-Octadecane (C18)

R.T.: 11.169 min  
Delta R.T.: 0.010 min  
Response: 13157844  
Conc: 102.55 ug/ml



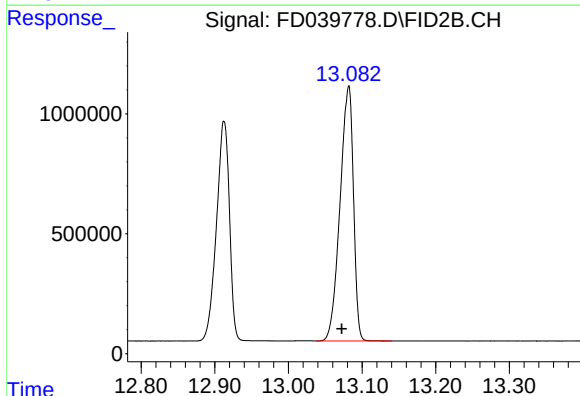
#9 ortho-Terphenyl (SURR)

R.T.: 11.484 min  
Delta R.T.: 0.011 min  
Response: 14098571  
Conc: 101.76 ug/ml



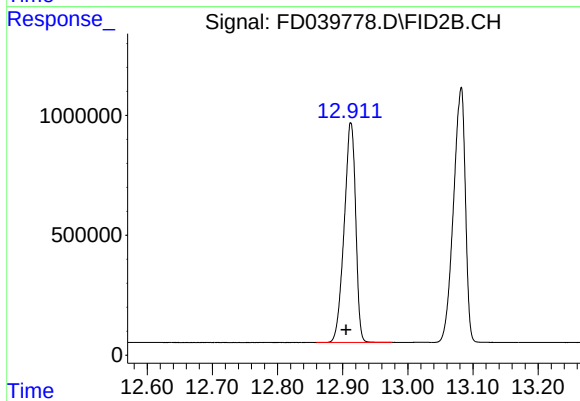
#10 n-Eicosane (C20)

R.T.: 12.472 min  
Delta R.T.: 0.009 min  
Response: 13224632  
Conc: 102.49 ug/ml



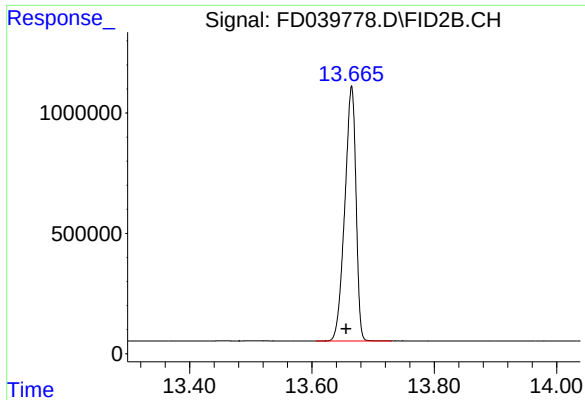
#11 n-Heneicosane (C21)

R.T.: 13.082 min  
Delta R.T.: 0.009 min  
Response: 13463906  
Conc: 102.19 ug/ml



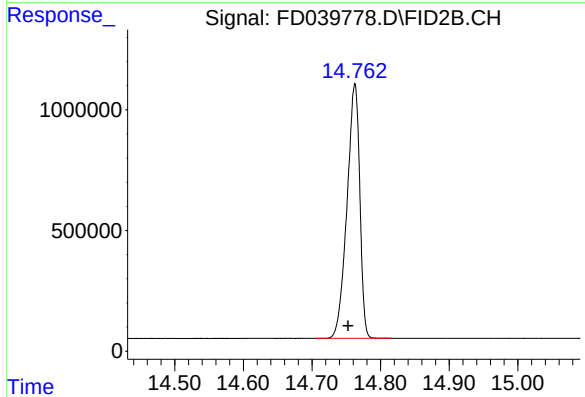
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min  
Delta R.T.: 0.007 min  
Response: 11236143  
Conc: 103.51 ug/ml



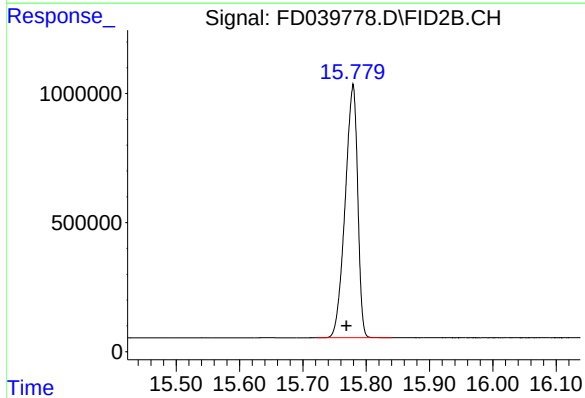
#13 n-Docosane (C22)

R.T.: 13.665 min  
Delta R.T.: 0.009 min  
Response: 13453008  
Conc: 102.12 ug/ml



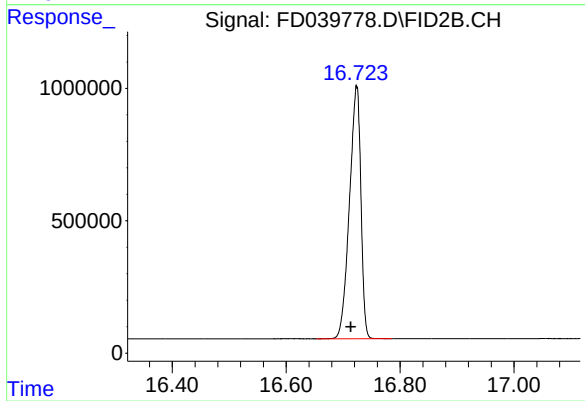
#14 n-Tetracosane (C24)

R.T.: 14.762 min  
Delta R.T.: 0.010 min  
Response: 13658791  
Conc: 100.87 ug/ml



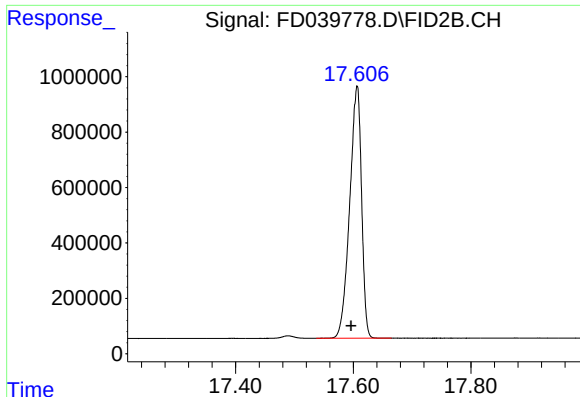
#15 n-Hexacosane (C26)

R.T.: 15.779 min  
Delta R.T.: 0.010 min  
Response: 13486404  
Conc: 100.77 ug/ml



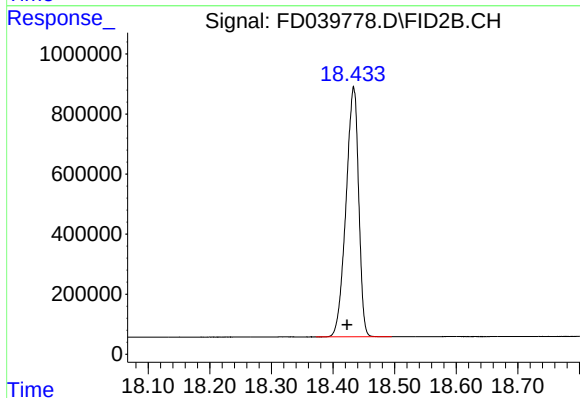
#16 n-Octacosane (C28)

R.T.: 16.724 min  
Delta R.T.: 0.010 min  
Response: 13292088  
Conc: 100.67 ug/ml



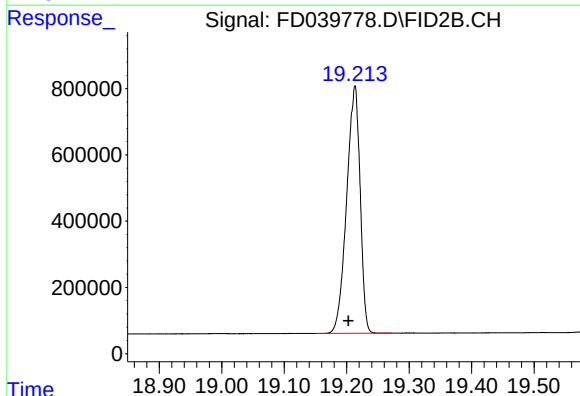
#17 n-Tricontane (C30)

R.T.: 17.607 min  
Delta R.T.: 0.010 min  
Response: 12763937  
Conc: 101.15 ug/ml



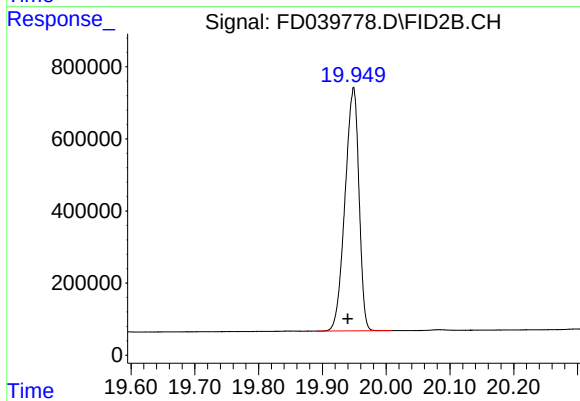
#18 n-Dotriacontane (C32)

R.T.: 18.434 min  
Delta R.T.: 0.011 min  
Response: 11899744  
Conc: 102.28 ug/ml



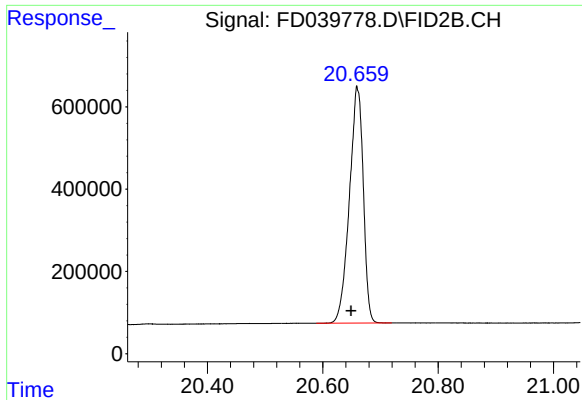
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min  
Delta R.T.: 0.010 min  
Response: 11216755  
Conc: 104.16 ug/ml



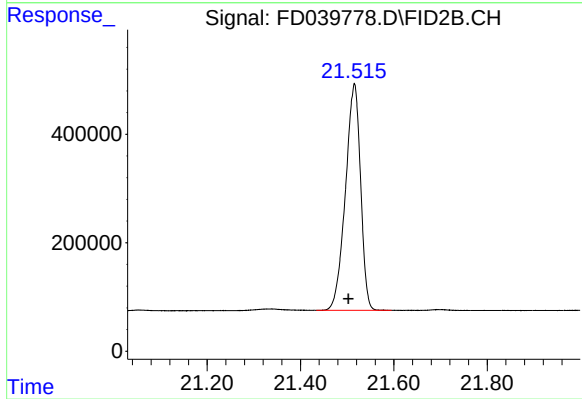
#20 n-Hexatriacontane (C36)

R.T.: 19.949 min  
Delta R.T.: 0.009 min  
Response: 10257438  
Conc: 103.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min  
Delta R.T.: 0.011 min  
Response: 9593061  
Conc: 102.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.516 min  
Delta R.T.: 0.013 min  
Response: 9400551  
Conc: 110.81 ug/ml