

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041221AL\  
 Data File : FE033577.D  
 Signal(s) : FID1B.CH  
 Acq On : 12 Apr 2021 18:53  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 13 07:51:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 040921.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Apr 09 23:46:40 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)    | 11.645 | 9312616    | 20.831 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.66%       |
| 12) S 1-chlorooctadecane (S... | 13.079 | 7249467    | 20.521 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.04%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.438  | 8441066    | 20.938 ug/ml |
| 2) T n-Decane (C10)            | 4.479  | 8493426    | 20.953 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.053  | 9493118    | 20.940 ug/ml |
| 4) T n-Dodecane (C12)          | 6.486  | 8634330    | 20.954 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.110  | 9701321    | 20.928 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.281  | 8652330    | 20.927 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.883  | 8764999    | 20.905 ug/ml |
| 8) T n-Octadecane (C18)        | 11.327 | 8848174    | 20.867 ug/ml |
| 10) T n-Eicosane (C20)         | 12.635 | 8802628    | 20.788 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.247 | 8895137    | 20.741 ug/ml |
| 13) T n-Docosane (C22)         | 13.833 | 8775638    | 20.688 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.936 | 8654736    | 20.542 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.958 | 8503135    | 20.354 ug/ml |
| 16) T n-Octacosane (C28)       | 16.908 | 8072466    | 20.152 ug/ml |
| 17) T n-Tricontane (C30)       | 17.797 | 8160809    | 19.960 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.629 | 7956296    | 19.620 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.414 | 7441311    | 19.236 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.155 | 7178062    | 19.160 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.901 | 6588225    | 18.483 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.831 | 6067433    | 18.061 ug/ml |
| -----                          |        |            |              |

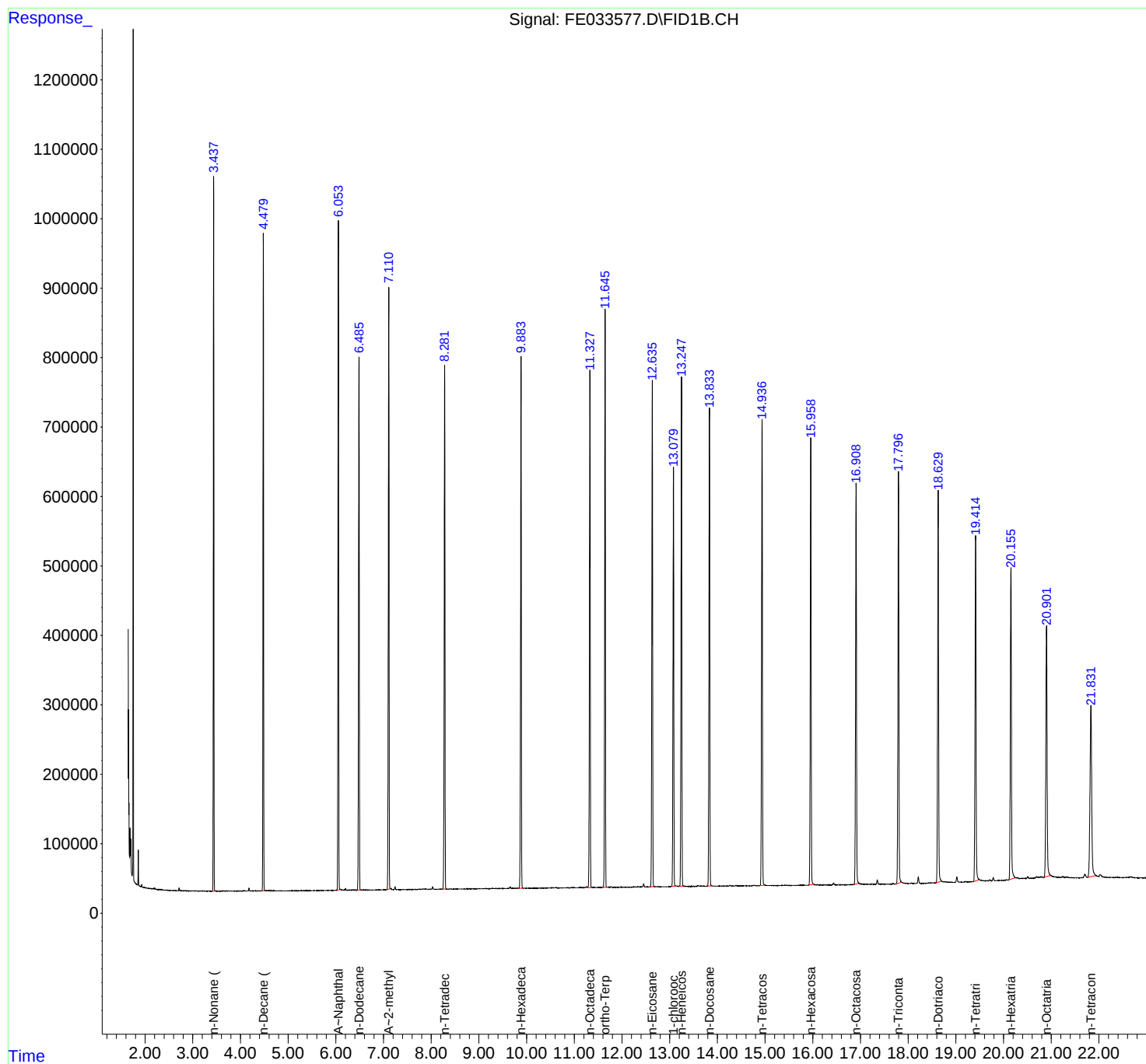
(f)=RT Delta > 1/2 Window

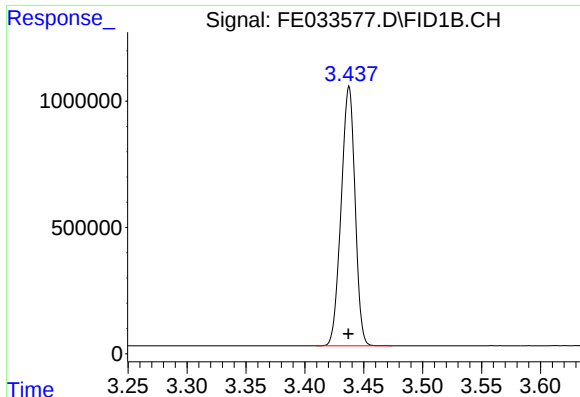
(m)=manual int.

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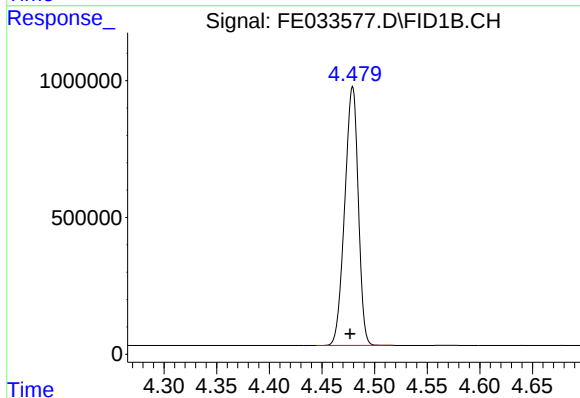
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





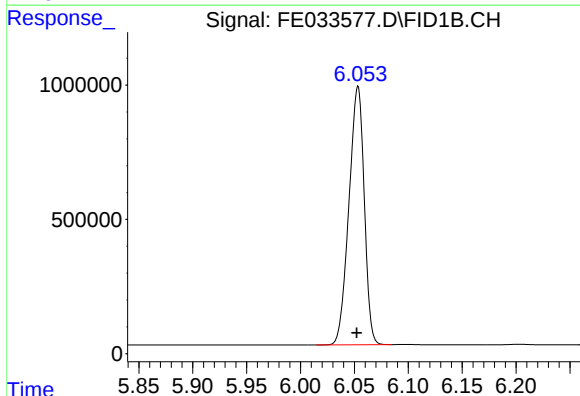
#1 n-Nonane (C9)

R.T.: 3.438 min  
Delta R.T.: 0.000 min  
Response: 8441066  
Conc: 20.94 ug/ml



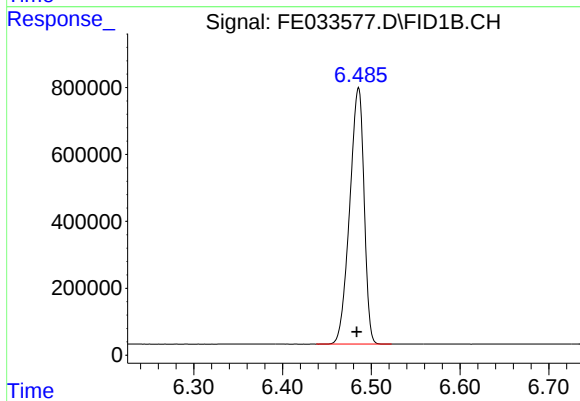
#2 n-Decane (C10)

R.T.: 4.479 min  
Delta R.T.: 0.002 min  
Response: 8493426  
Conc: 20.95 ug/ml



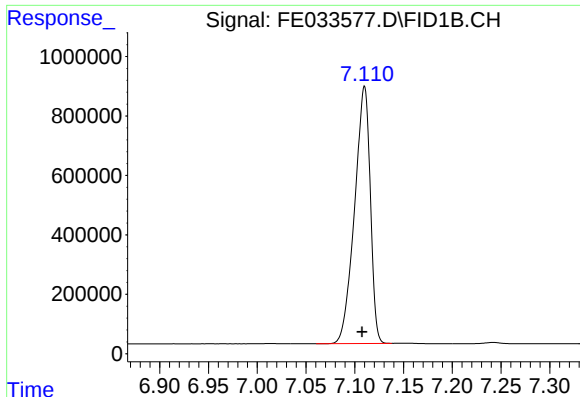
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min  
Delta R.T.: 0.001 min  
Response: 9493118  
Conc: 20.94 ug/ml



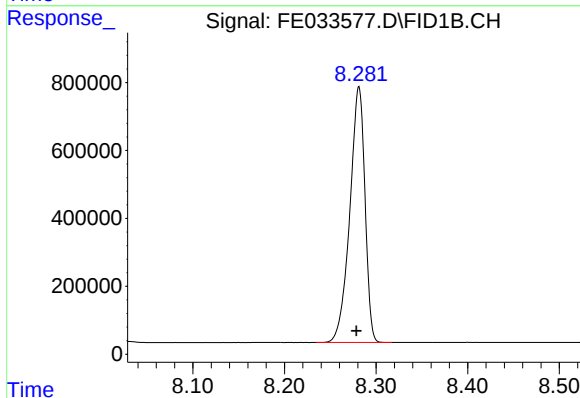
#4 n-Dodecane (C12)

R.T.: 6.486 min  
Delta R.T.: 0.002 min  
Response: 8634330  
Conc: 20.95 ug/ml



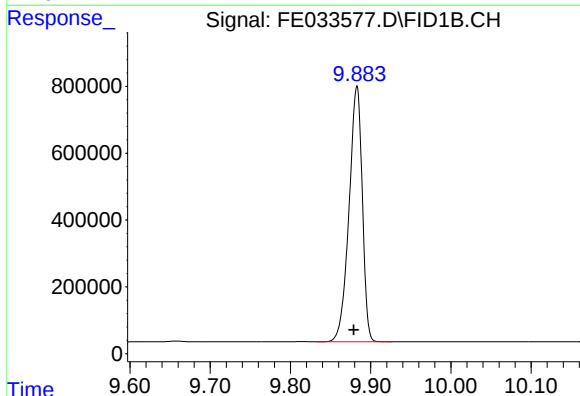
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.110 min  
Delta R.T.: 0.002 min  
Response: 9701321  
Conc: 20.93 ug/ml



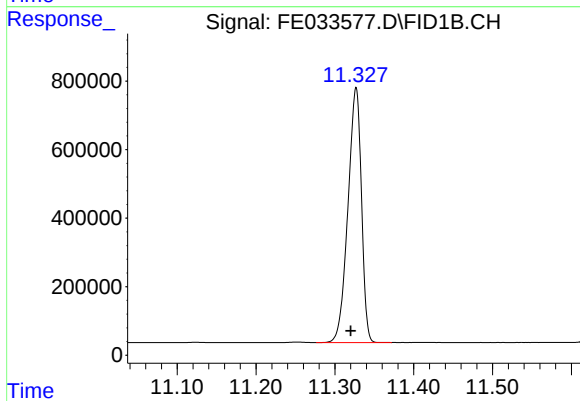
#6 n-Tetradecane (C14)

R.T.: 8.281 min  
Delta R.T.: 0.003 min  
Response: 8652330  
Conc: 20.93 ug/ml



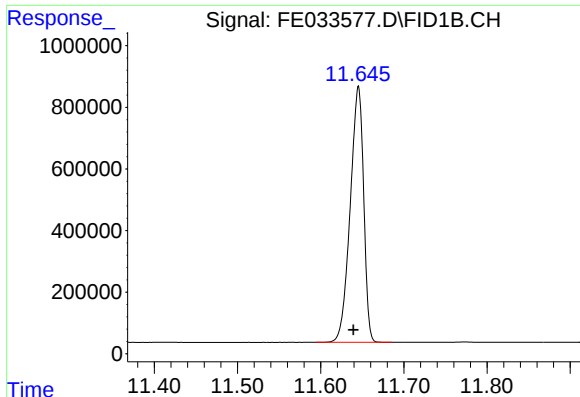
#7 n-Hexadecane (C16)

R.T.: 9.883 min  
Delta R.T.: 0.004 min  
Response: 8764999  
Conc: 20.91 ug/ml



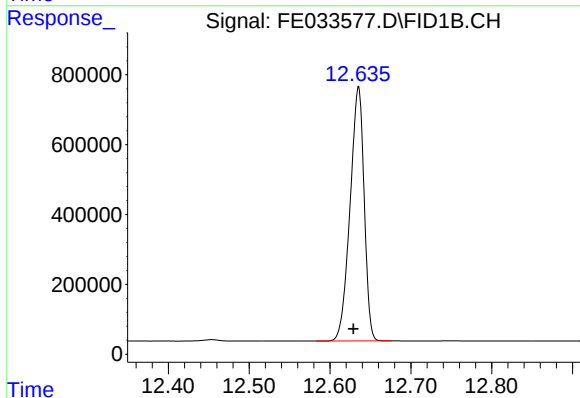
#8 n-Octadecane (C18)

R.T.: 11.327 min  
Delta R.T.: 0.007 min  
Response: 8848174  
Conc: 20.87 ug/ml



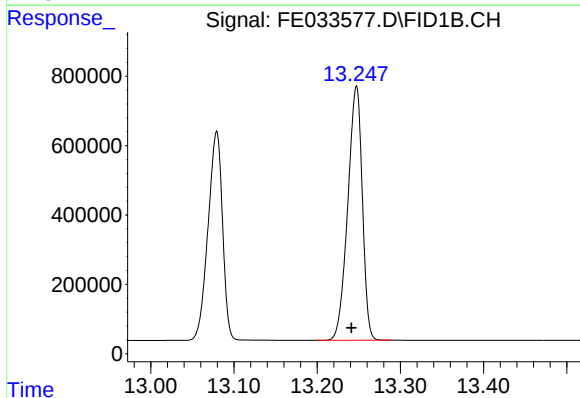
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min  
Delta R.T.: 0.006 min  
Response: 9312616  
Conc: 20.83 ug/ml



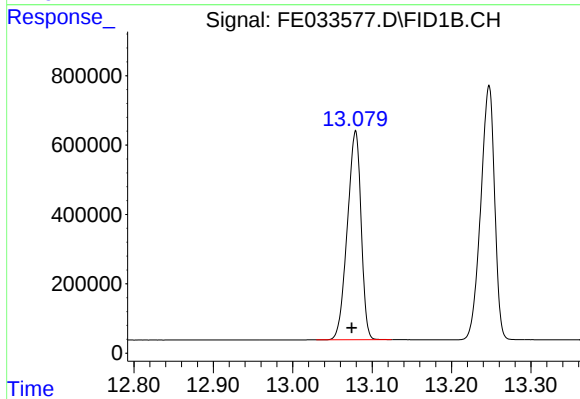
#10 n-Eicosane (C20)

R.T.: 12.635 min  
Delta R.T.: 0.006 min  
Response: 8802628  
Conc: 20.79 ug/ml



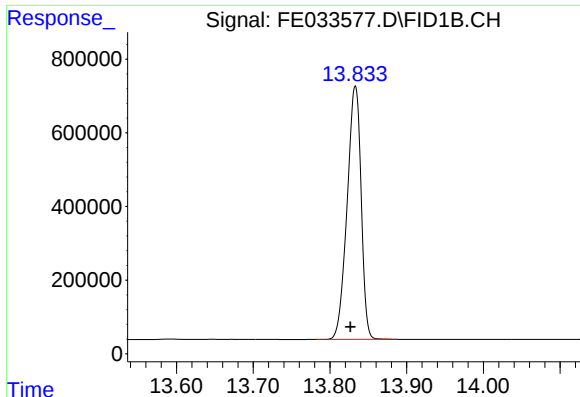
#11 n-Heneicosane (C21)

R.T.: 13.247 min  
Delta R.T.: 0.006 min  
Response: 8895137  
Conc: 20.74 ug/ml



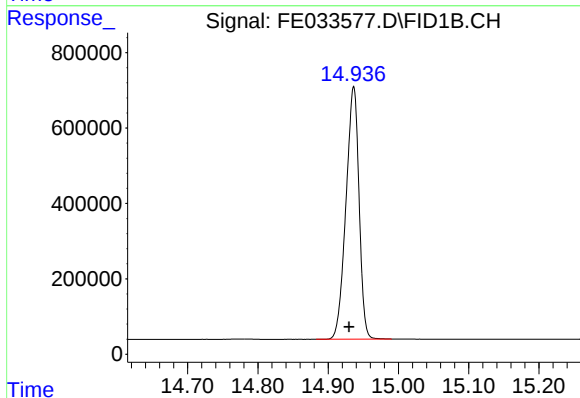
#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min  
Delta R.T.: 0.005 min  
Response: 7249467  
Conc: 20.52 ug/ml



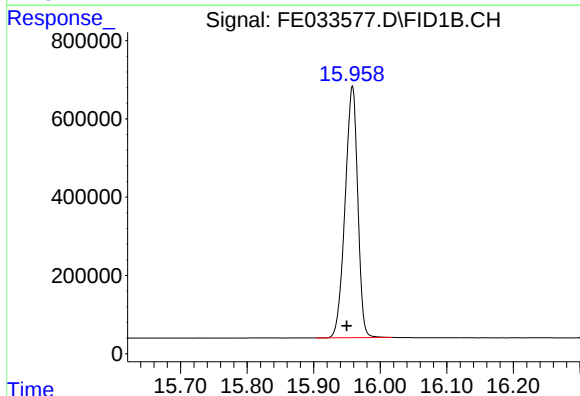
#13 n-Docosane (C22)

R.T.: 13.833 min  
Delta R.T.: 0.006 min  
Response: 8775638  
Conc: 20.69 ug/ml



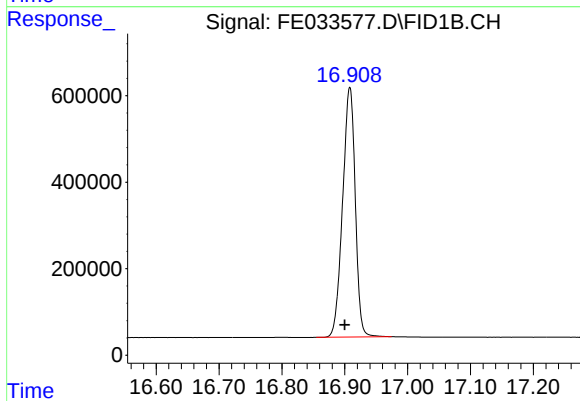
#14 n-Tetracosane (C24)

R.T.: 14.936 min  
Delta R.T.: 0.007 min  
Response: 8654736  
Conc: 20.54 ug/ml



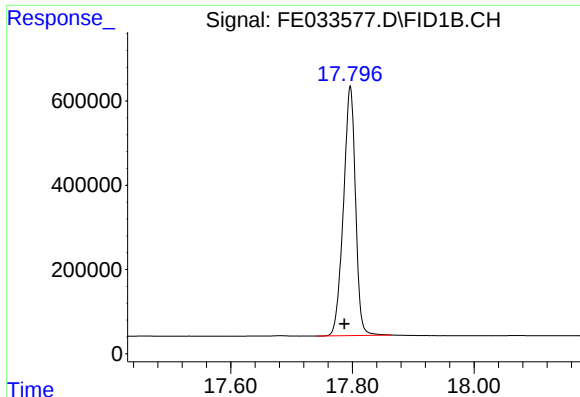
#15 n-Hexacosane (C26)

R.T.: 15.958 min  
Delta R.T.: 0.008 min  
Response: 8503135  
Conc: 20.35 ug/ml



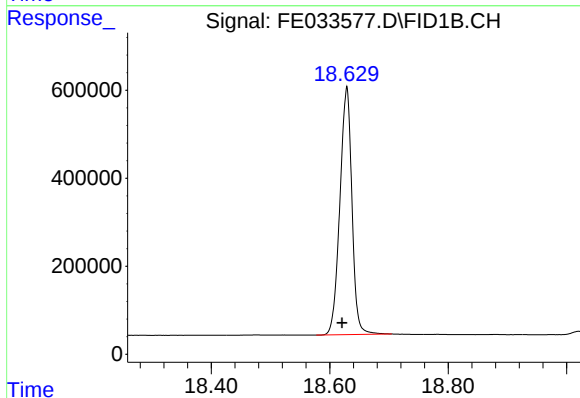
#16 n-Octacosane (C28)

R.T.: 16.908 min  
Delta R.T.: 0.008 min  
Response: 8072466  
Conc: 20.15 ug/ml



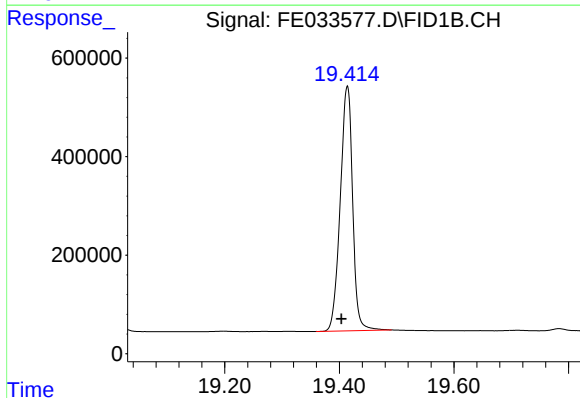
#17 n-Tricontane (C30)

R.T.: 17.797 min  
Delta R.T.: 0.010 min  
Response: 8160809  
Conc: 19.96 ug/ml



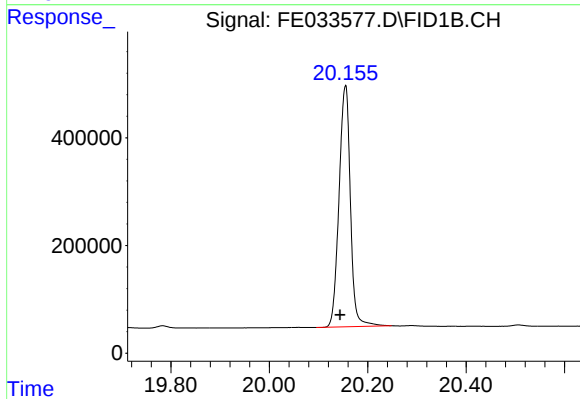
#18 n-Dotriacontane (C32)

R.T.: 18.629 min  
Delta R.T.: 0.008 min  
Response: 7956296  
Conc: 19.62 ug/ml



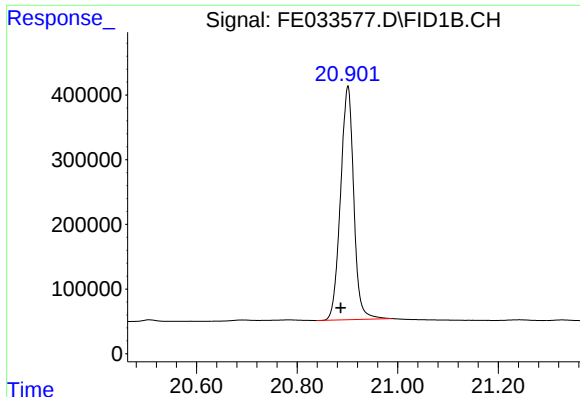
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min  
Delta R.T.: 0.010 min  
Response: 7441311  
Conc: 19.24 ug/ml



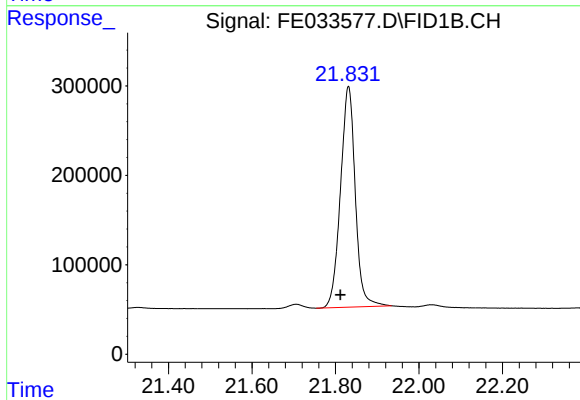
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min  
Delta R.T.: 0.011 min  
Response: 7178062  
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.901 min  
Delta R.T.: 0.014 min  
Response: 6588225  
Conc: 18.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.831 min  
Delta R.T.: 0.019 min  
Response: 6067433  
Conc: 18.06 ug/ml