

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011421AL\  
 Data File : FD036035.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Jan 2021 12:44  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 14 16:17:16 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 011121.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 12 02:11:59 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)    | 11.532 | 3122221    | 21.063 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.13%       |
| 12) S 1-chlorooctadecane (S... | 12.967 | 2449885    | 20.827 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.65%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.316  | 2900361    | 22.498 ug/ml |
| 2) T n-Decane (C10)            | 4.381  | 2946005    | 22.640 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.959  | 3287552    | 22.448 ug/ml |
| 4) T n-Dodecane (C12)          | 6.394  | 3004622    | 22.595 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.013  | 3351801    | 22.316 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.183  | 2992252    | 22.392 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.780  | 2914077    | 22.018 ug/ml |
| 8) T n-Octadecane (C18)        | 11.219 | 2987926    | 21.716 ug/ml |
| 10) T n-Eicosane (C20)         | 12.524 | 2948356    | 21.339 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.134 | 2894623    | 20.947 ug/ml |
| 13) T n-Docosane (C22)         | 13.719 | 2890369    | 21.053 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.818 | 2842158    | 20.907 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.836 | 2716194    | 20.460 ug/ml |
| 16) T n-Octacosane (C28)       | 16.780 | 2600619    | 20.100 ug/ml |
| 17) T n-Tricontane (C30)       | 17.665 | 2476102    | 20.083 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.493 | 2249754    | 20.412 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.272 | 2045002    | 20.629 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.008 | 1920249    | 21.350 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.725 | 1806890    | 21.748 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.594 | 1961161    | 23.317 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

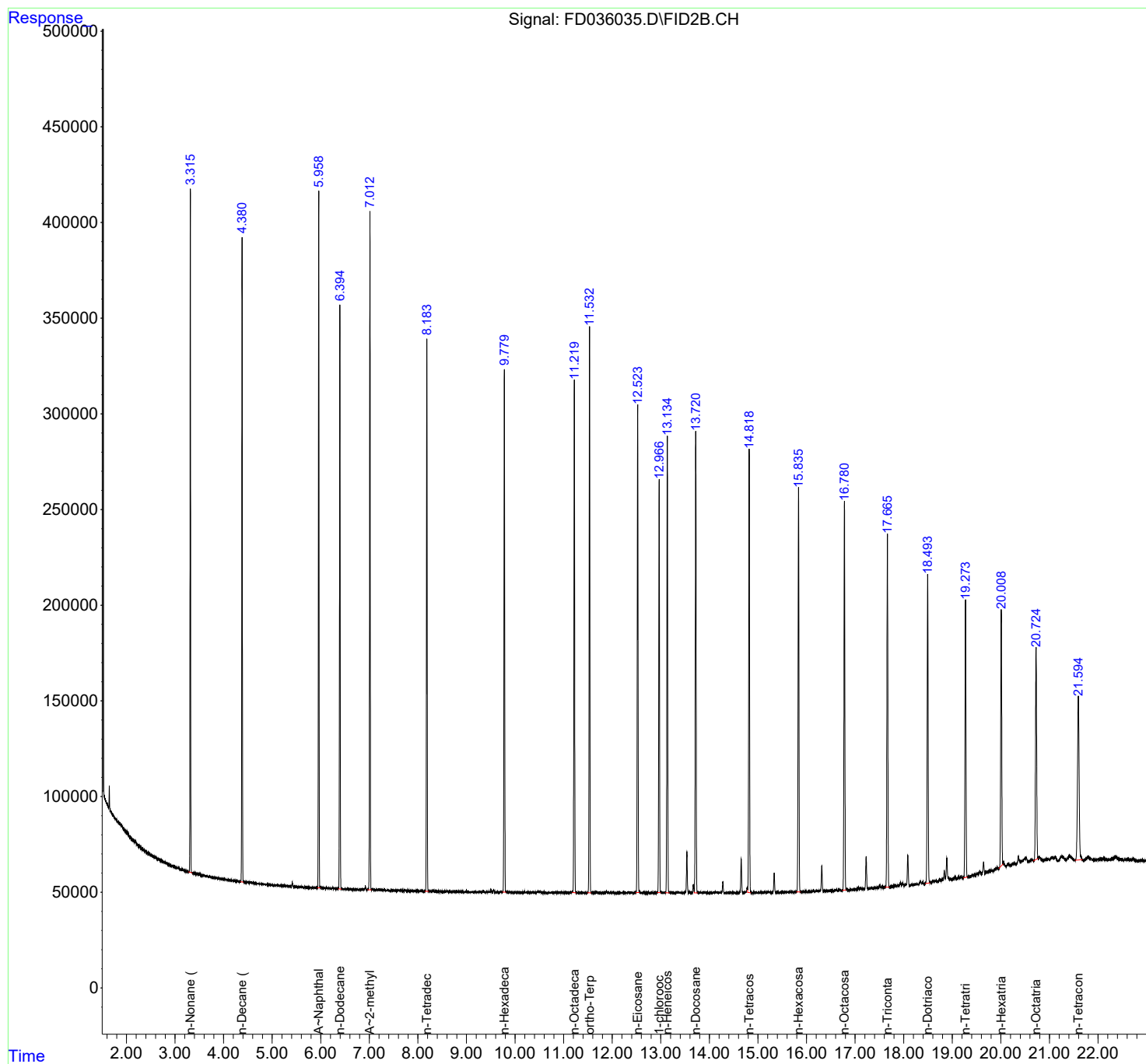
(m)=manual int.

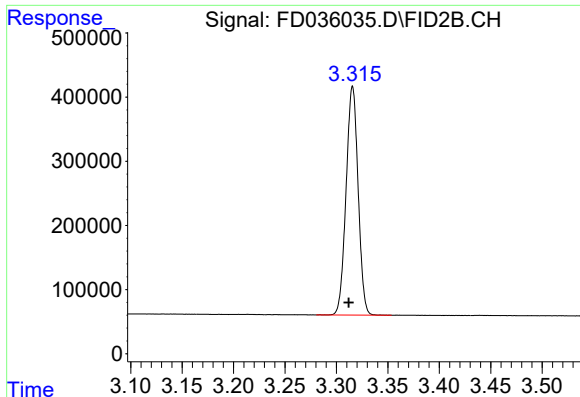
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011421AL\  
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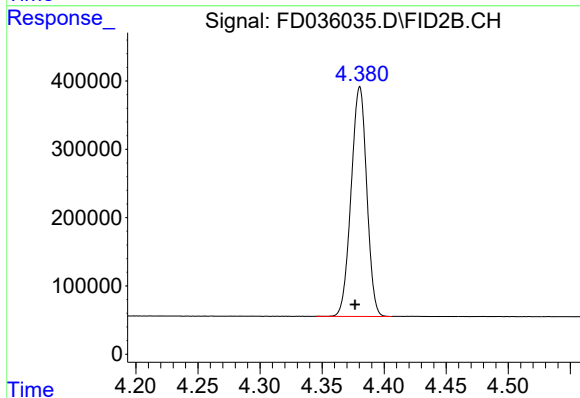




#1 n-Nonane (C9)

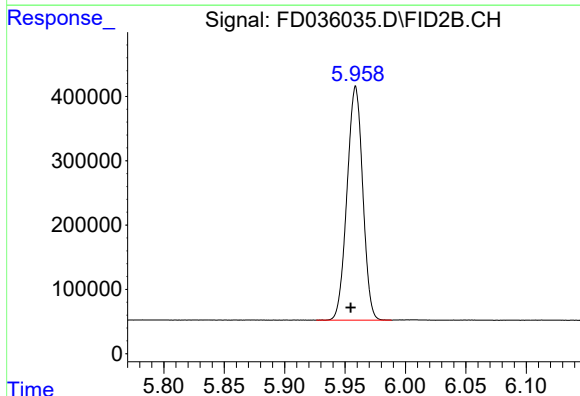
R.T.: 3.316 min  
Delta R.T.: 0.004 min  
Response: 2900361  
Conc: 22.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



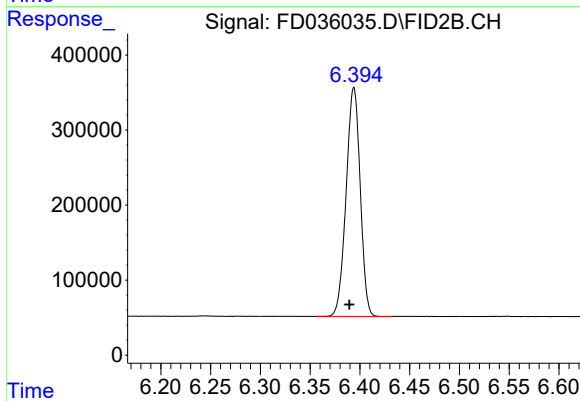
#2 n-Decane (C10)

R.T.: 4.381 min  
Delta R.T.: 0.004 min  
Response: 2946005  
Conc: 22.64 ug/ml



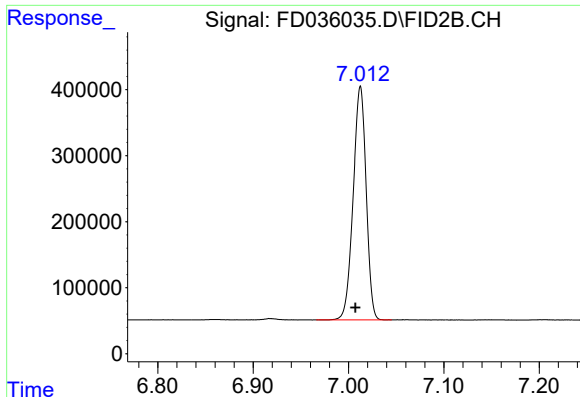
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min  
Delta R.T.: 0.004 min  
Response: 3287552  
Conc: 22.45 ug/ml



#4 n-Dodecane (C12)

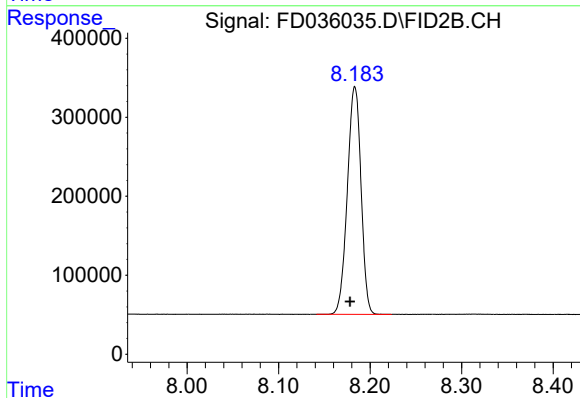
R.T.: 6.394 min  
Delta R.T.: 0.005 min  
Response: 3004622  
Conc: 22.59 ug/ml



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

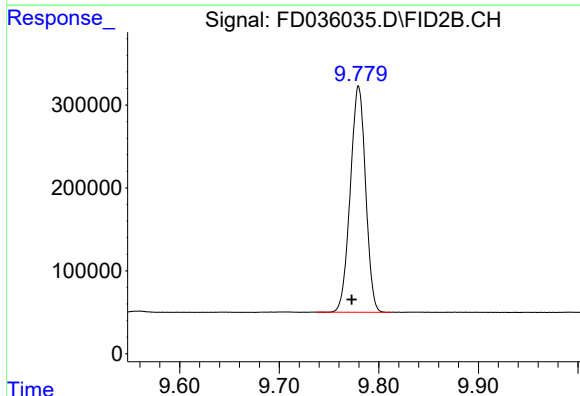
R.T.: 7.013 min  
Delta R.T.: 0.005 min  
Response: 3351801  
Conc: 22.32 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



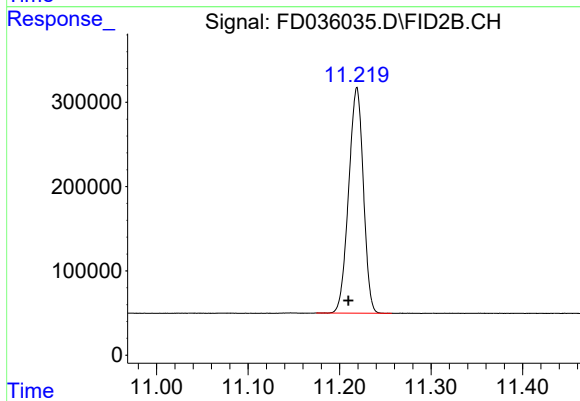
#6 n-Tetradecane (C14)

R.T.: 8.183 min  
Delta R.T.: 0.005 min  
Response: 2992252  
Conc: 22.39 ug/ml



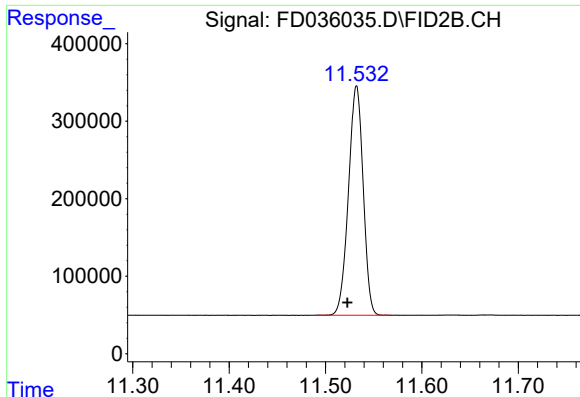
#7 n-Hexadecane (C16)

R.T.: 9.780 min  
Delta R.T.: 0.007 min  
Response: 2914077  
Conc: 22.02 ug/ml



#8 n-Octadecane (C18)

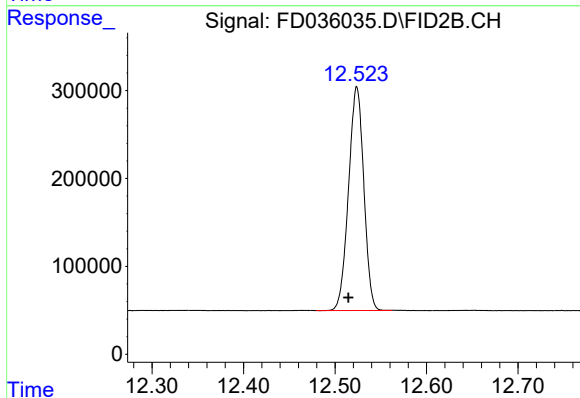
R.T.: 11.219 min  
Delta R.T.: 0.009 min  
Response: 2987926  
Conc: 21.72 ug/ml



#9 ortho-Terphenyl (SURR)

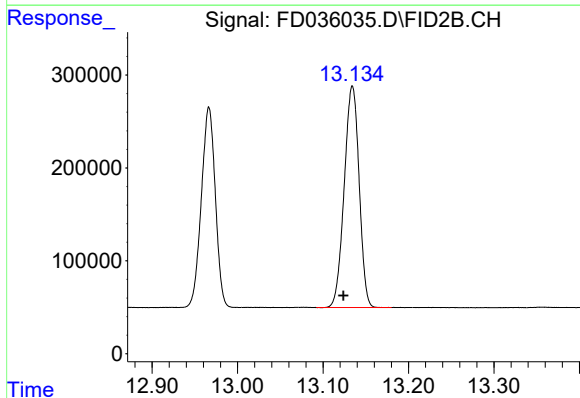
R.T.: 11.532 min  
Delta R.T.: 0.009 min  
Response: 3122221  
Conc: 21.06 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



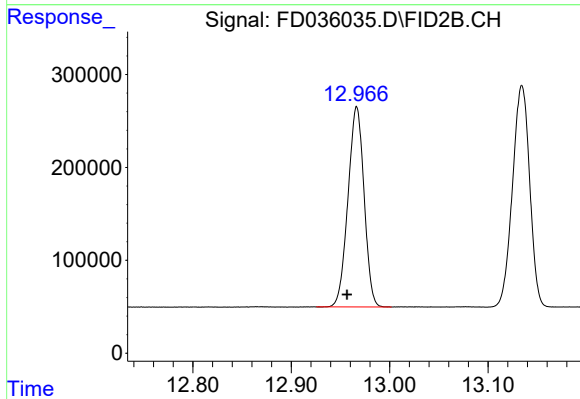
#10 n-Eicosane (C20)

R.T.: 12.524 min  
Delta R.T.: 0.009 min  
Response: 2948356  
Conc: 21.34 ug/ml



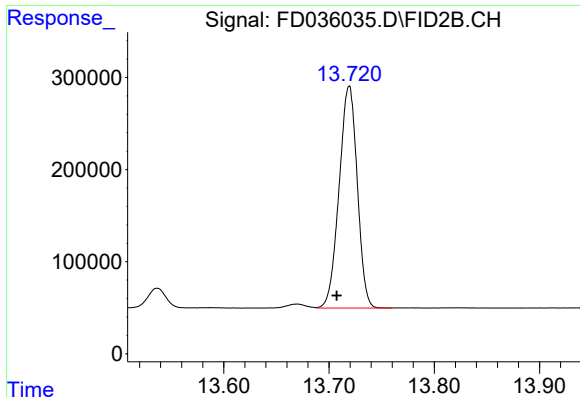
#11 n-Heneicosane (C21)

R.T.: 13.134 min  
Delta R.T.: 0.011 min  
Response: 2894623  
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

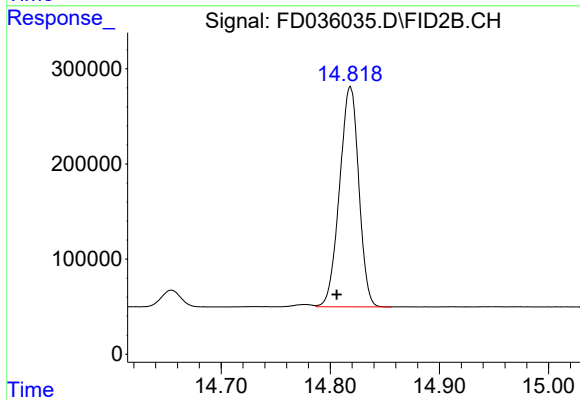
R.T.: 12.967 min  
Delta R.T.: 0.010 min  
Response: 2449885  
Conc: 20.83 ug/ml



#13 n-Docosane (C22)

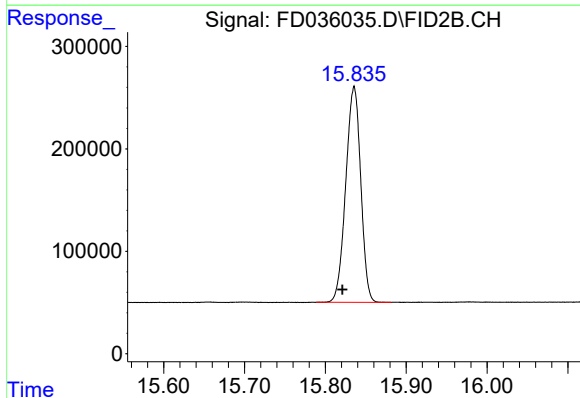
R.T.: 13.719 min  
Delta R.T.: 0.012 min  
Response: 2890369  
Conc: 21.05 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



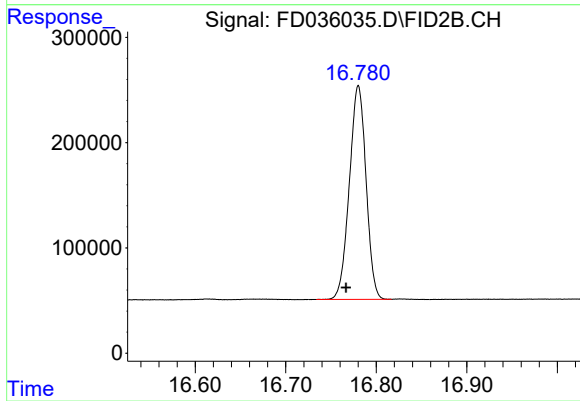
#14 n-Tetracosane (C24)

R.T.: 14.818 min  
Delta R.T.: 0.013 min  
Response: 2842158  
Conc: 20.91 ug/ml



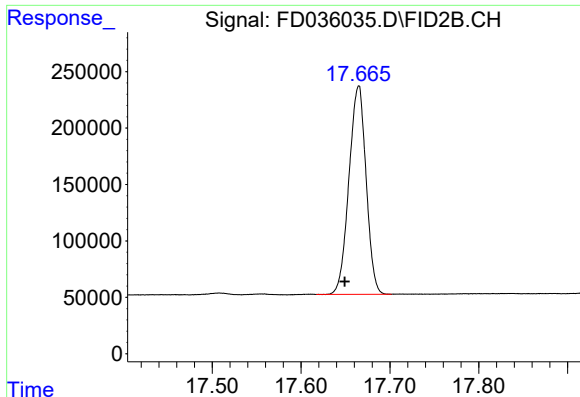
#15 n-Hexacosane (C26)

R.T.: 15.836 min  
Delta R.T.: 0.015 min  
Response: 2716194  
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

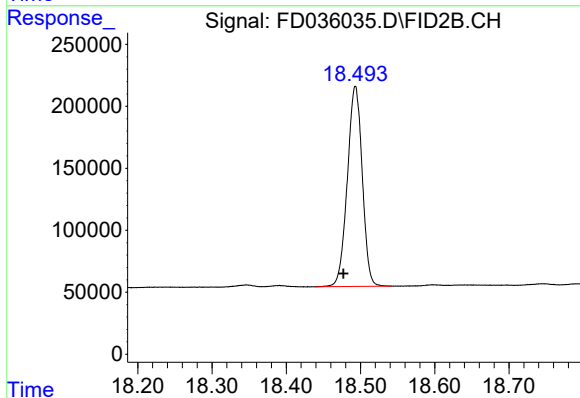
R.T.: 16.780 min  
Delta R.T.: 0.013 min  
Response: 2600619  
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

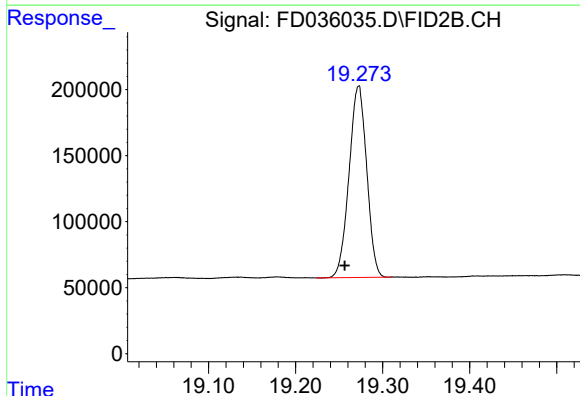
R.T.: 17.665 min  
Delta R.T.: 0.016 min  
Response: 2476102  
Conc: 20.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



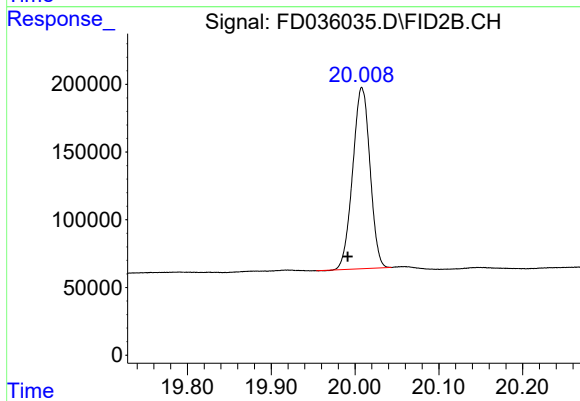
#18 n-Dotriacontane (C32)

R.T.: 18.493 min  
Delta R.T.: 0.016 min  
Response: 2249754  
Conc: 20.41 ug/ml



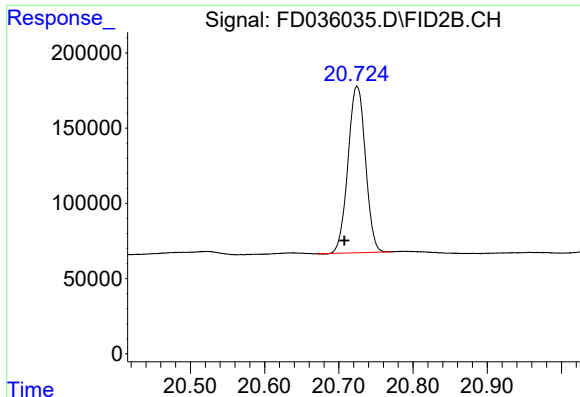
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min  
Delta R.T.: 0.016 min  
Response: 2045002  
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

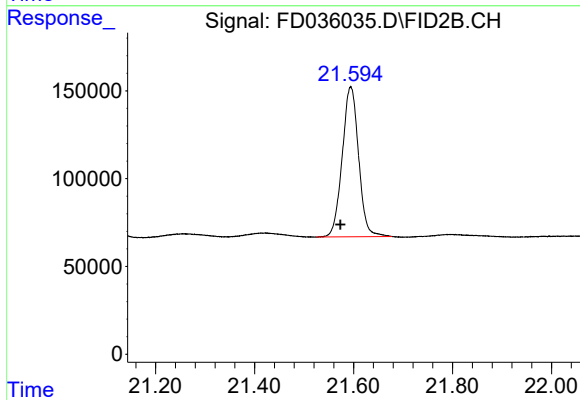
R.T.: 20.008 min  
Delta R.T.: 0.017 min  
Response: 1920249  
Conc: 21.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min  
Delta R.T.: 0.017 min  
Response: 1806890  
Conc: 21.75 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.594 min  
Delta R.T.: 0.021 min  
Response: 1961161  
Conc: 23.32 ug/ml