

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102119AL\  
 Data File : FD031142.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Oct 2019 21:49  
 Operator : DD\AJ  
 Sample : K5436-05MSD  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 22 01:58:22 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 07:46:23 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.868 | 5178568    | 55.310 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 110.62%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.262  | 3441071    | 32.897 ug/ml |
| 2) T n-Decane (C10)            | 4.317  | 4122478    | 39.326 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.889  | 451193     | 3.938 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.320  | 4642275    | 43.402 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.938  | 333619     | 2.894 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.104  | 5094695    | 47.371 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.695  | 5422115    | 50.348 ug/ml |
| 8) T n-Octadecane (C18)        | 11.127 | 5538969    | 50.663 ug/ml |
| 10) T n-Eicosane (C20)         | 12.427 | 5512958    | 50.418 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.035 | 5482776    | 49.885 ug/ml |
| 13) T n-Docosane (C22)         | 13.617 | 5433152    | 49.680 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.711 | 5274744    | 48.299 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.724 | 5111958    | 47.236 ug/ml |
| 16) T n-Octacosane (C28)       | 16.667 | 4947080    | 46.082 ug/ml |
| 17) T n-Tricontane (C30)       | 17.546 | 4851209    | 45.542 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.373 | 4655144    | 45.220 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.149 | 4253953    | 43.287 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.881 | 3519135    | 38.202 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.583 | 3060993    | 35.371 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.413 | 3031200    | 34.114 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

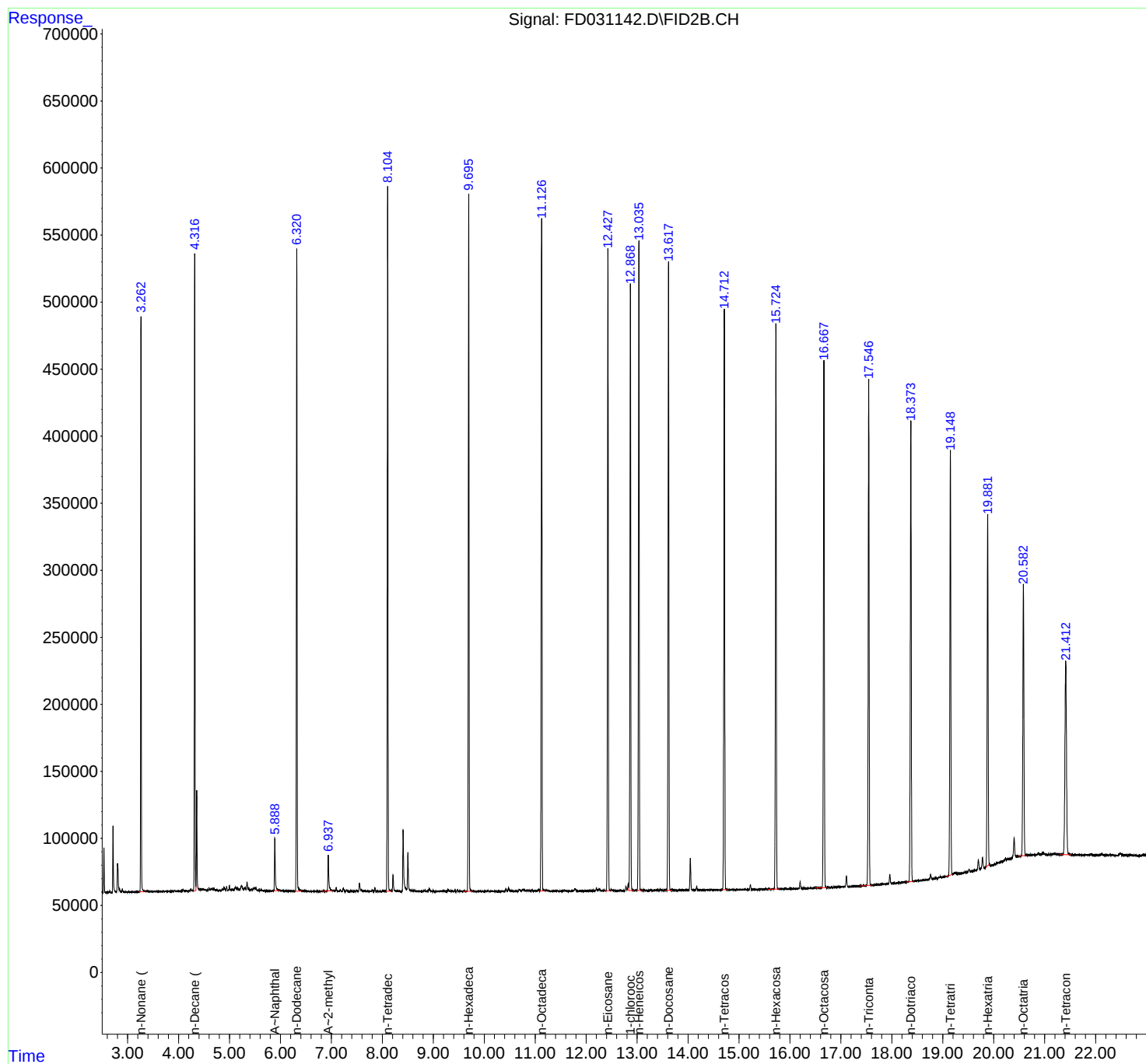
(m)=manual int.

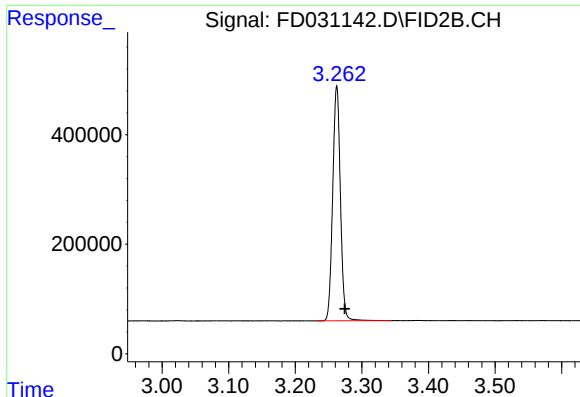
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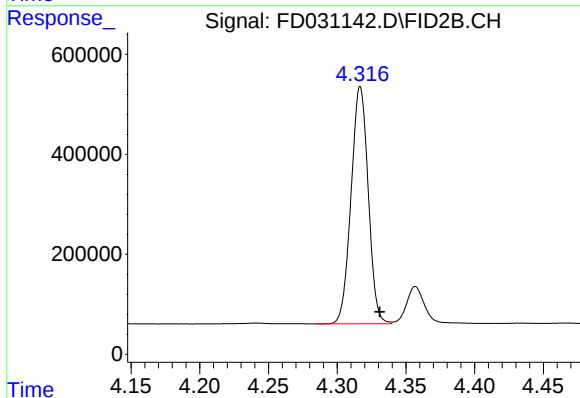




#1 n-Nonane (C9)

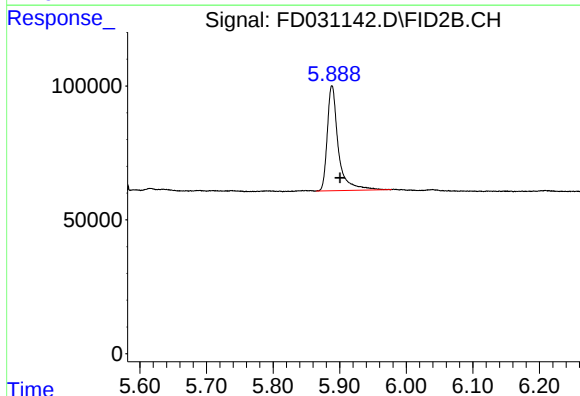
R.T.: 3.262 min  
Delta R.T.: -0.012 min  
Response: 3441071  
Conc: 32.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



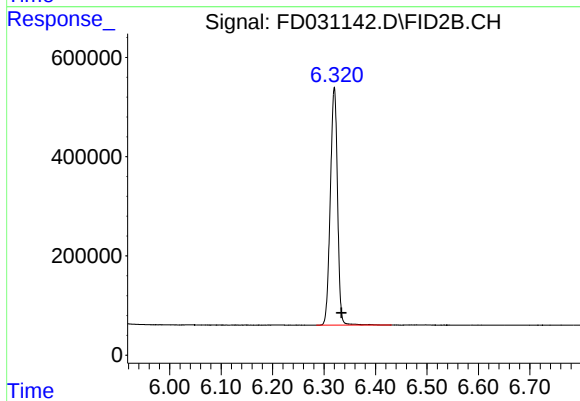
#2 n-Decane (C10)

R.T.: 4.317 min  
Delta R.T.: -0.014 min  
Response: 4122478  
Conc: 39.33 ug/ml



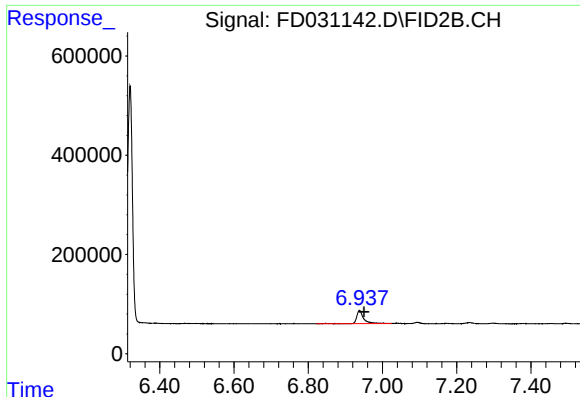
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min  
Delta R.T.: -0.012 min  
Response: 451193  
Conc: 3.94 ug/ml



#4 n-Dodecane (C12)

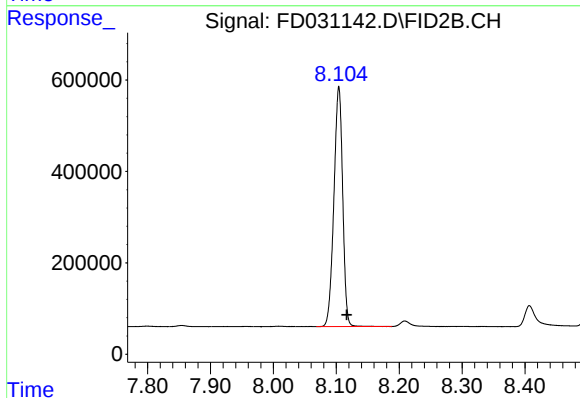
R.T.: 6.320 min  
Delta R.T.: -0.014 min  
Response: 4642275  
Conc: 43.40 ug/ml



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

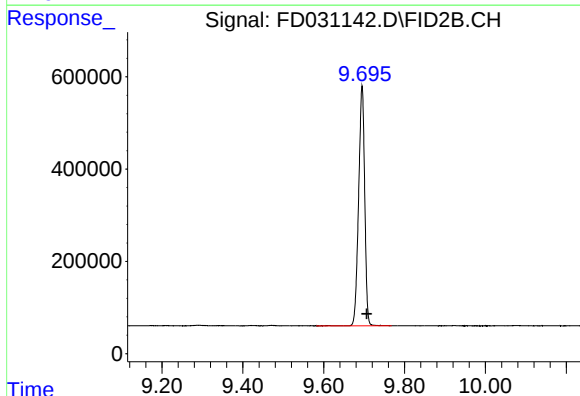
R.T.: 6.938 min  
Delta R.T.: -0.012 min  
Response: 333619  
Conc: 2.89 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



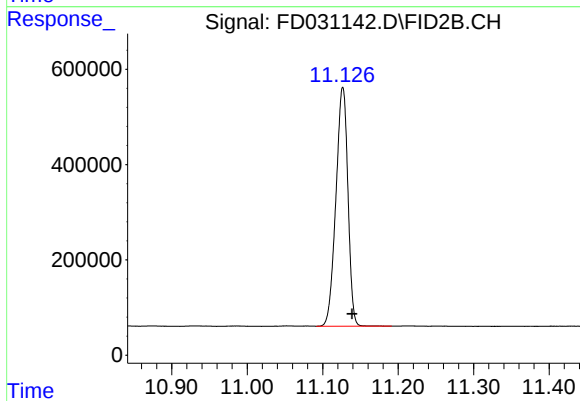
#6 n-Tetradecane (C14)

R.T.: 8.104 min  
Delta R.T.: -0.013 min  
Response: 5094695  
Conc: 47.37 ug/ml



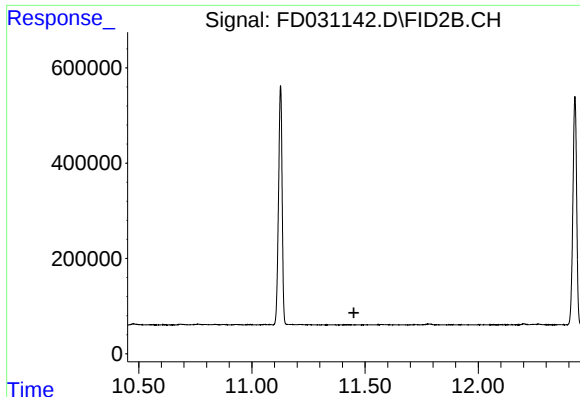
#7 n-Hexadecane (C16)

R.T.: 9.695 min  
Delta R.T.: -0.012 min  
Response: 5422115  
Conc: 50.35 ug/ml



#8 n-Octadecane (C18)

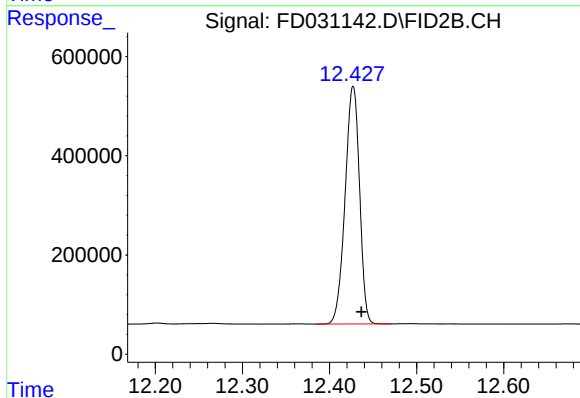
R.T.: 11.127 min  
Delta R.T.: -0.012 min  
Response: 5538969  
Conc: 50.66 ug/ml



#9 ortho-Terphenyl (SURR)

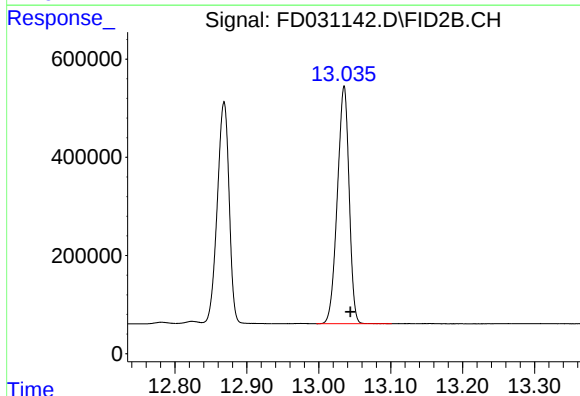
R.T.: 0.000 min  
Exp R.T.: 11.451 min  
Response: 0  
Conc: N.D.

Instrument :  
FID\_D  
ClientSampleId :



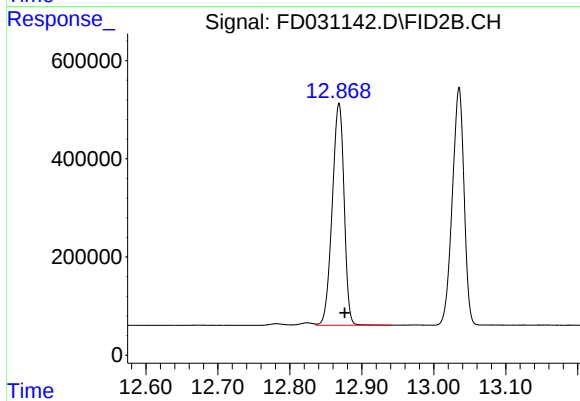
#10 n-Eicosane (C20)

R.T.: 12.427 min  
Delta R.T.: -0.010 min  
Response: 5512958  
Conc: 50.42 ug/ml



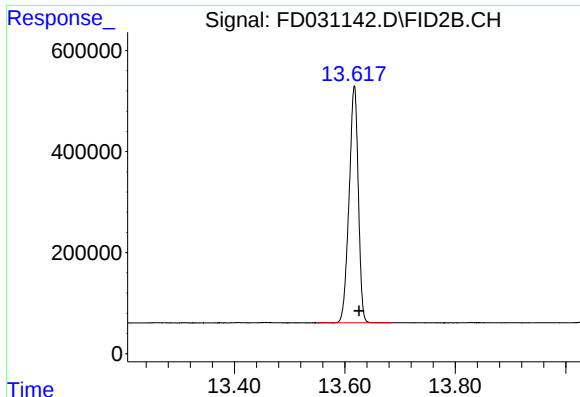
#11 n-Heneicosane (C21)

R.T.: 13.035 min  
Delta R.T.: -0.009 min  
Response: 5482776  
Conc: 49.89 ug/ml



#12 1-chlorooctadecane (SURR)

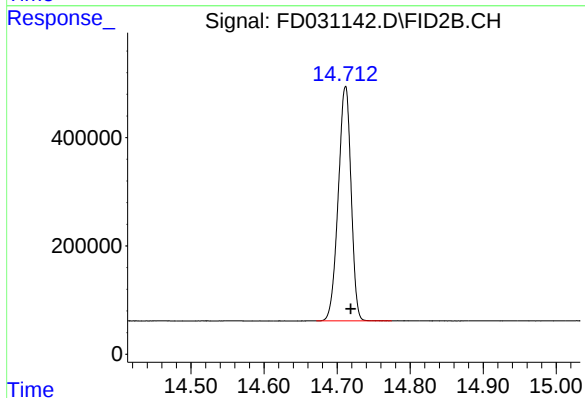
R.T.: 12.868 min  
Delta R.T.: -0.008 min  
Response: 5178568  
Conc: 55.31 ug/ml



#13 n-Docosane (C22)

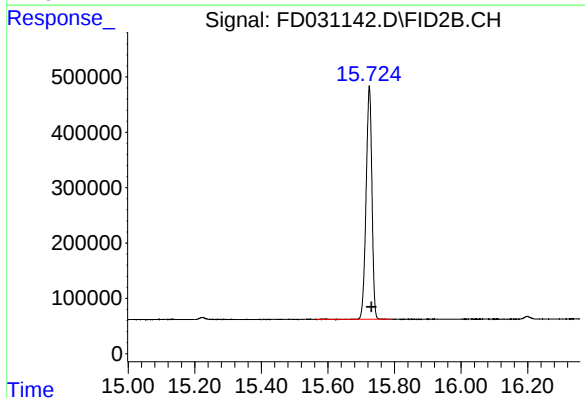
R.T.: 13.617 min  
Delta R.T.: -0.008 min  
Response: 5433152  
Conc: 49.68 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



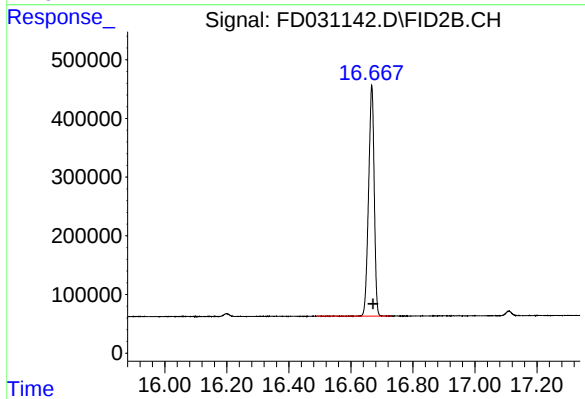
#14 n-Tetracosane (C24)

R.T.: 14.711 min  
Delta R.T.: -0.007 min  
Response: 5274744  
Conc: 48.30 ug/ml



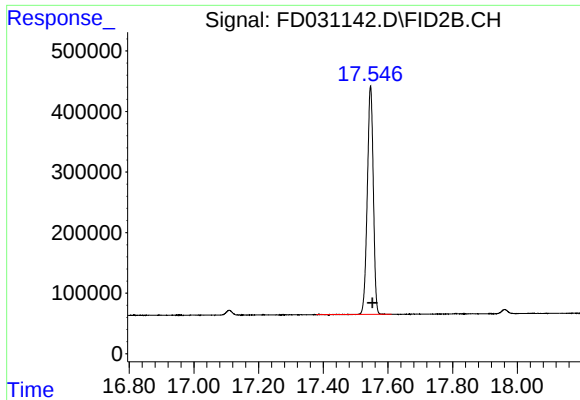
#15 n-Hexacosane (C26)

R.T.: 15.724 min  
Delta R.T.: -0.006 min  
Response: 5111958  
Conc: 47.24 ug/ml



#16 n-Octacosane (C28)

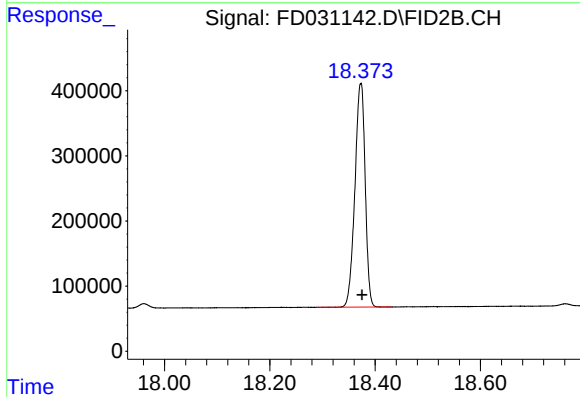
R.T.: 16.667 min  
Delta R.T.: -0.004 min  
Response: 4947080  
Conc: 46.08 ug/ml



#17 n-Tricontane (C30)

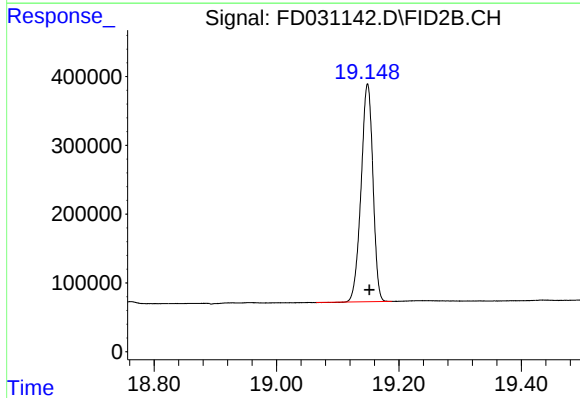
R.T.: 17.546 min  
Delta R.T.: -0.005 min  
Response: 4851209  
Conc: 45.54 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



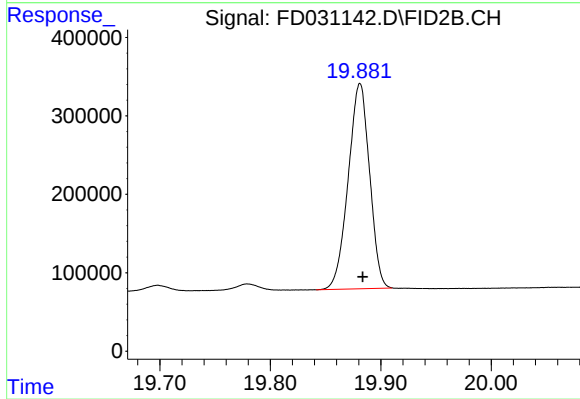
#18 n-Dotriacontane (C32)

R.T.: 18.373 min  
Delta R.T.: -0.003 min  
Response: 4655144  
Conc: 45.22 ug/ml



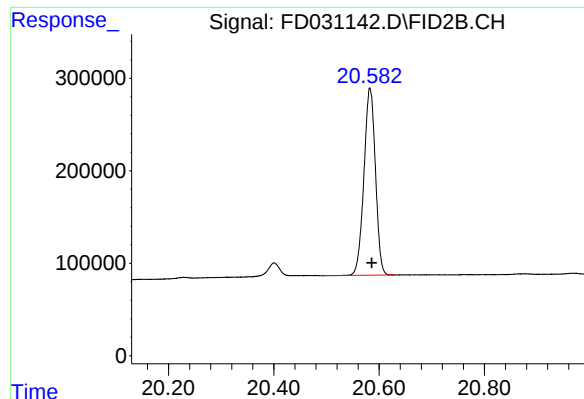
#19 n-Tetratriacontane (C34)

R.T.: 19.149 min  
Delta R.T.: -0.003 min  
Response: 4253953  
Conc: 43.29 ug/ml



#20 n-Hexatriacontane (C36)

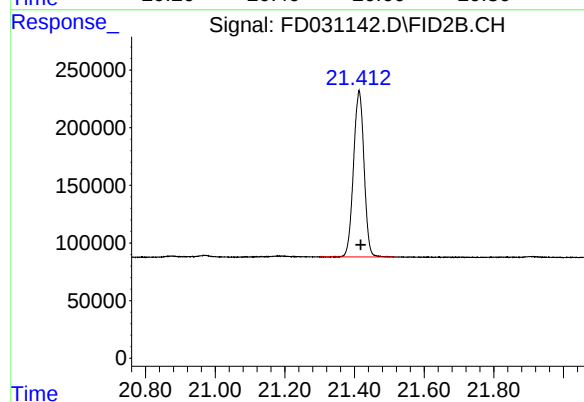
R.T.: 19.881 min  
Delta R.T.: -0.003 min  
Response: 3519135  
Conc: 38.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.583 min  
Delta R.T.: -0.003 min  
Response: 3060993  
Conc: 35.37 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.413 min  
Delta R.T.: -0.005 min  
Response: 3031200  
Conc: 34.11 ug/ml