

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092024AL\  
 Data File : FE050258.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Sep 2024 22:55  
 Operator : YP\AJ  
 Sample : P4104-24  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 21 03:47:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.919 | 181928     | 1.223 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 2.45%        |
| 12) S 1-chlorooctadecane (S... | 13.303 | 3185792    | 28.362 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 56.72%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 2) T n-Decane (C10)            | 4.521  | 113162     | 0.820 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 1708930    | 12.209 ug/ml |
| 4) T n-Dodecane (C12)          | 6.715  | 1239546    | 8.964 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.310  | 3887386    | 29.576 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.512  | 1358178    | 9.974 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.112 | 384037     | 2.765 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.548 | 508210     | 3.627 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.857 | 328794     | 2.451 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.468 | 125727     | 0.957 ug/ml  |
| 13) T n-Docosane (C22)         | 14.050 | 160753     | 1.234 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.156 | 99278      | 0.760 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.140 | 443243     | 3.441 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.004 | 301345     | 2.254 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.645 | 216916     | 1.756 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.360 | 26682      | 0.240 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

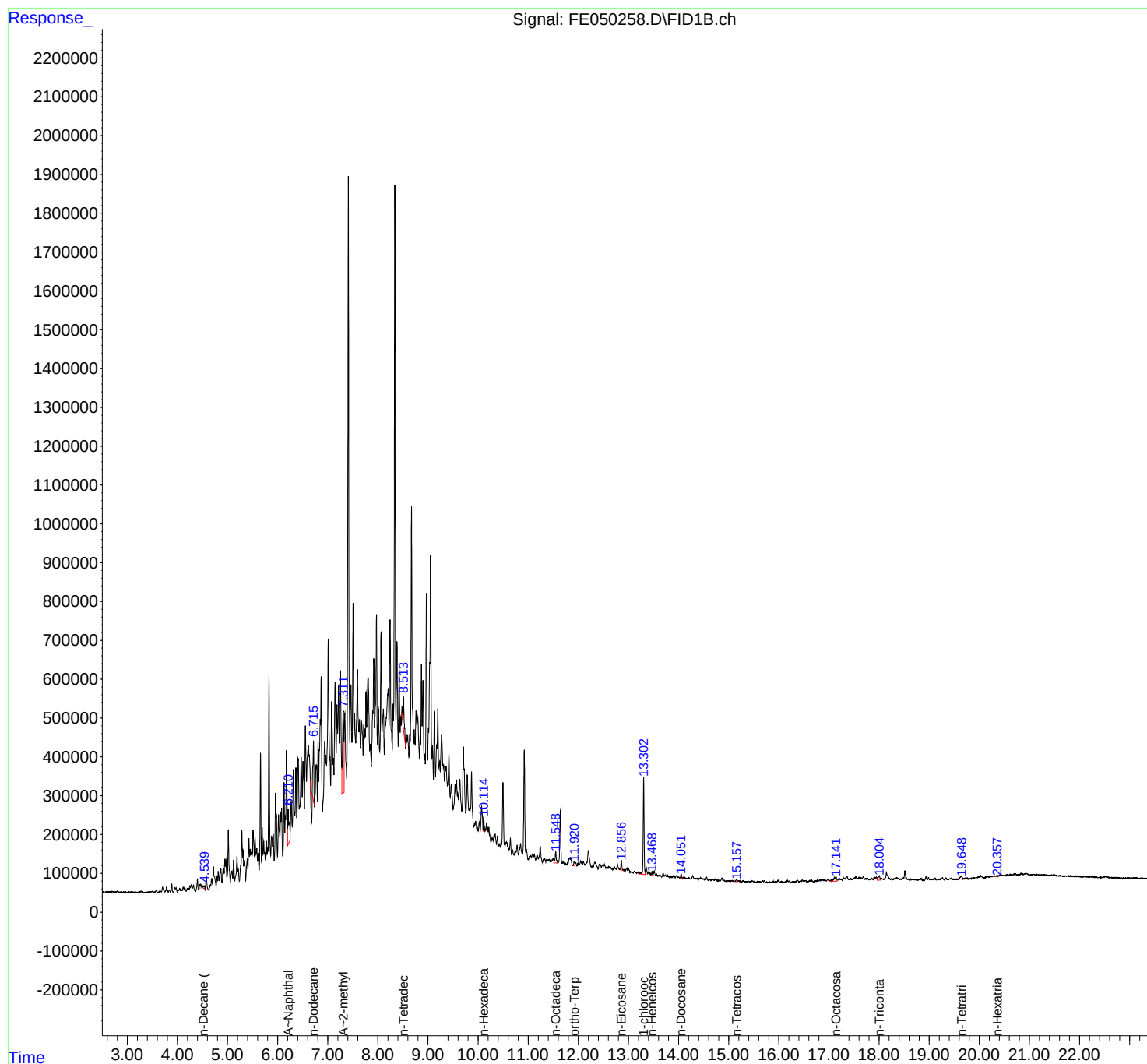
(m)=manual int.

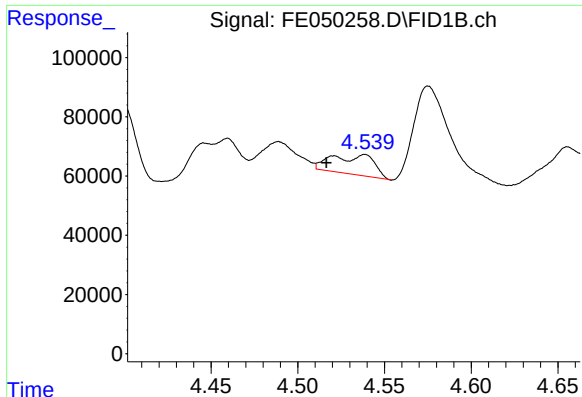
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

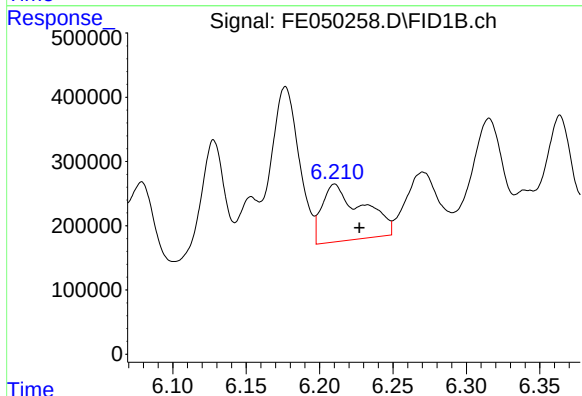




#2 n-Decane (C10)

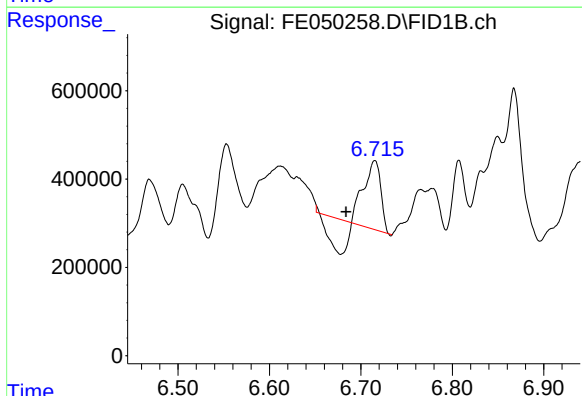
R.T.: 4.521 min  
Delta R.T.: 0.004 min  
Response: 113162  
Conc: 0.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



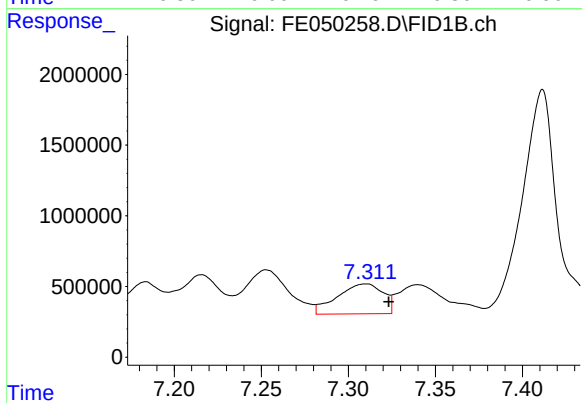
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min  
Delta R.T.: -0.017 min  
Response: 1708930  
Conc: 12.21 ug/ml



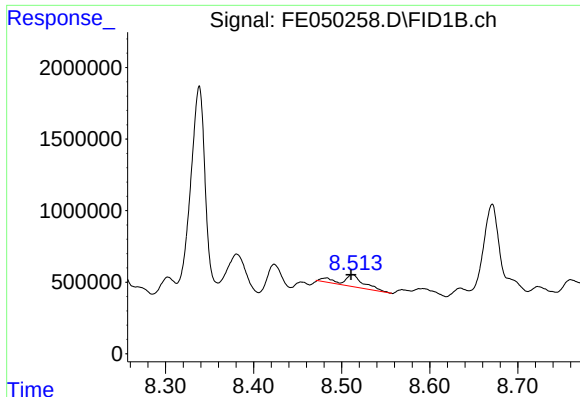
#4 n-Dodecane (C12)

R.T.: 6.715 min  
Delta R.T.: 0.031 min  
Response: 1239546  
Conc: 8.96 ug/ml



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

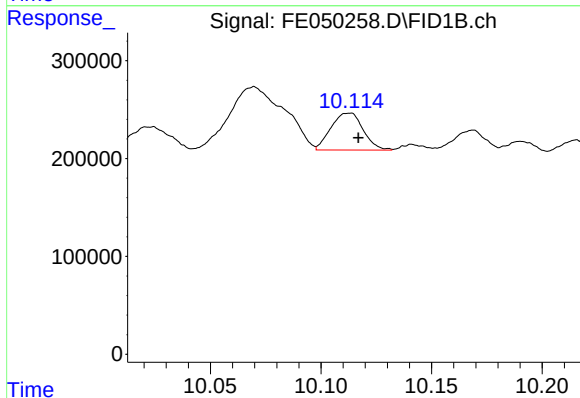
R.T.: 7.310 min  
Delta R.T.: -0.013 min  
Response: 3887386  
Conc: 29.58 ug/ml



#6 n-Tetradecane (C14)

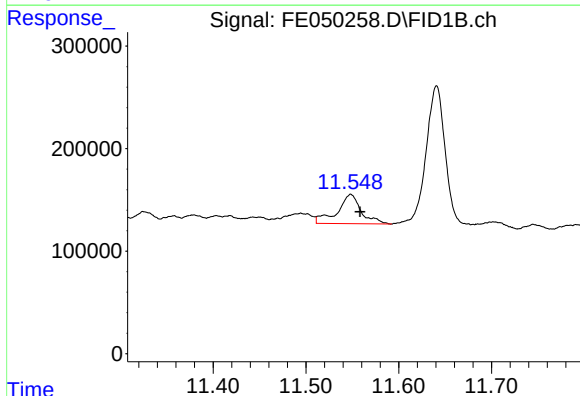
R.T.: 8.512 min  
Delta R.T.: 0.001 min  
Response: 1358178  
Conc: 9.97 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



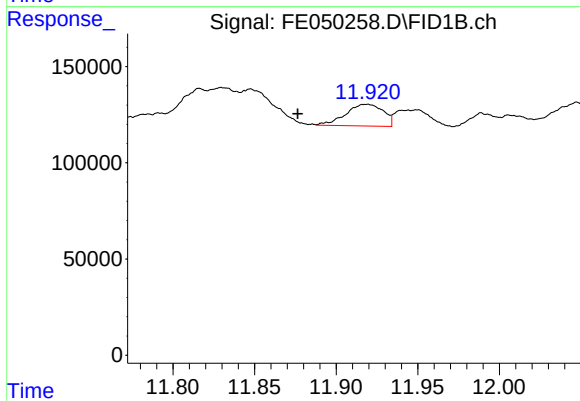
#7 n-Hexadecane (C16)

R.T.: 10.112 min  
Delta R.T.: -0.005 min  
Response: 384037  
Conc: 2.76 ug/ml



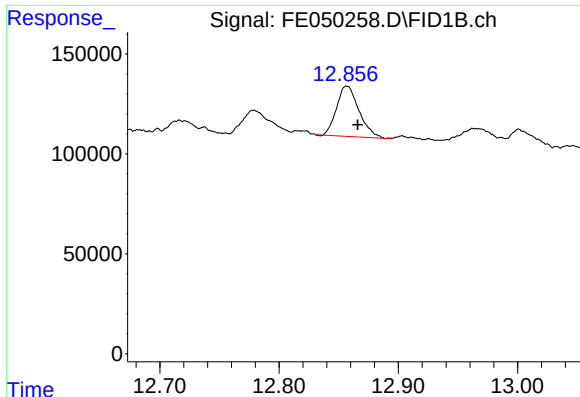
#8 n-Octadecane (C18)

R.T.: 11.548 min  
Delta R.T.: -0.010 min  
Response: 508210  
Conc: 3.63 ug/ml



#9 ortho-Terphenyl (SURR)

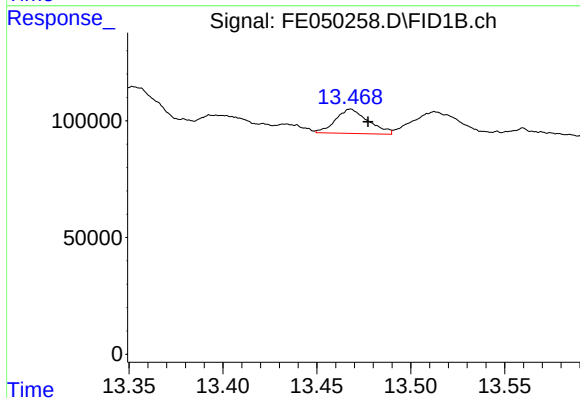
R.T.: 11.919 min  
Delta R.T.: 0.042 min  
Response: 181928  
Conc: 1.22 ug/ml



#10 n-Eicosane (C20)

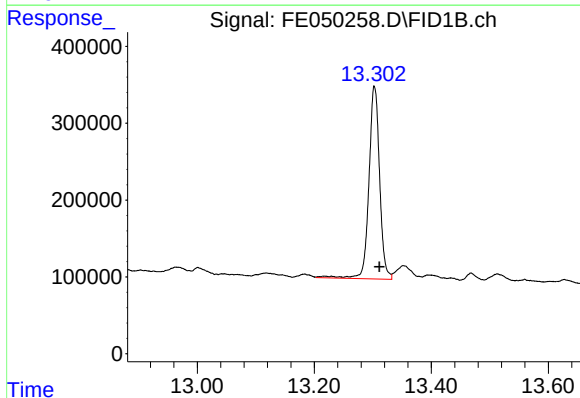
R.T.: 12.857 min  
Delta R.T.: -0.009 min  
Response: 328794  
Conc: 2.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



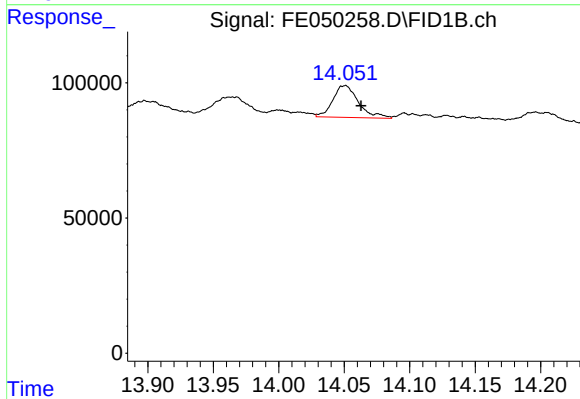
#11 n-Heneicosane (C21)

R.T.: 13.468 min  
Delta R.T.: -0.009 min  
Response: 125727  
Conc: 0.96 ug/ml



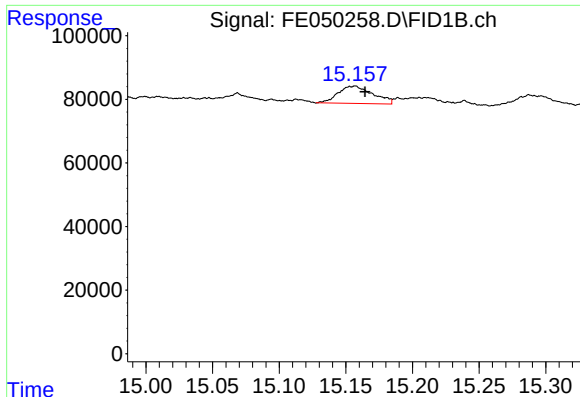
#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min  
Delta R.T.: -0.008 min  
Response: 3185792  
Conc: 28.36 ug/ml



#13 n-Docosane (C22)

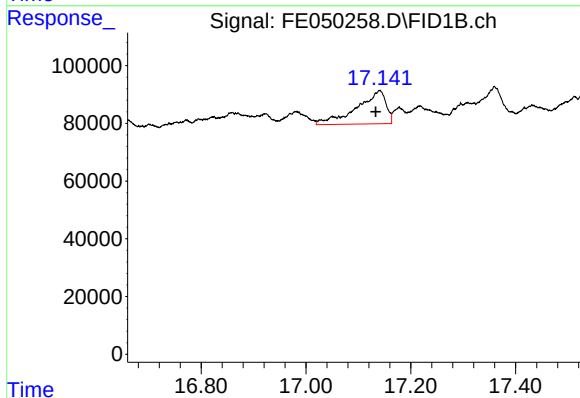
R.T.: 14.050 min  
Delta R.T.: -0.012 min  
Response: 160753  
Conc: 1.23 ug/ml



#14 n-Tetracosane (C24)

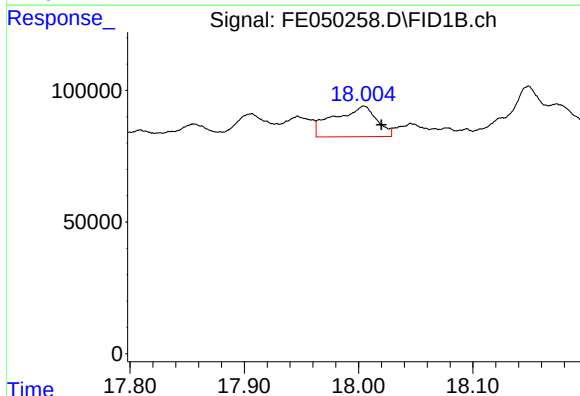
R.T.: 15.156 min  
Delta R.T.: -0.009 min  
Response: 99278  
Conc: 0.76 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



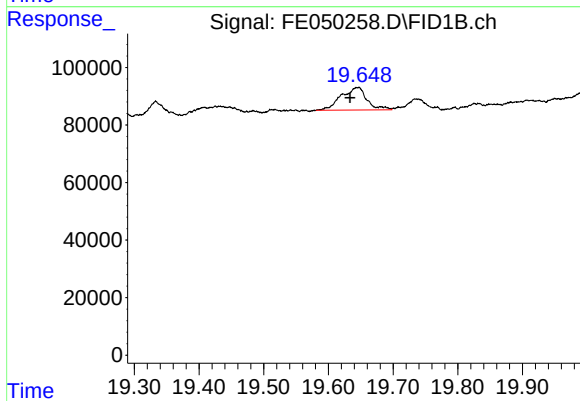
#16 n-Octacosane (C28)

R.T.: 17.140 min  
Delta R.T.: 0.007 min  
Response: 443243  
Conc: 3.44 ug/ml



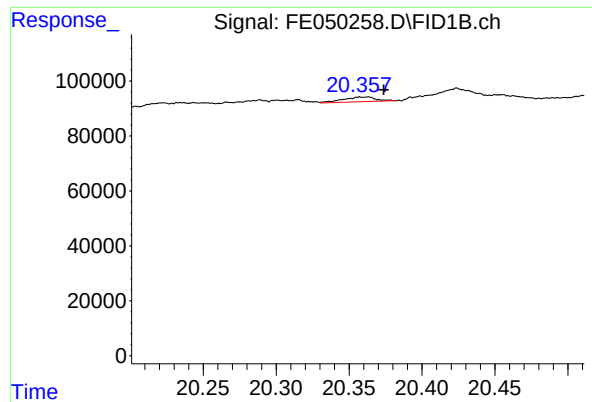
#17 n-Tricontane (C30)

R.T.: 18.004 min  
Delta R.T.: -0.015 min  
Response: 301345  
Conc: 2.25 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.645 min  
Delta R.T.: 0.011 min  
Response: 216916  
Conc: 1.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min  
Delta R.T.: -0.013 min  
Response: 26682  
Conc: 0.24 ug/ml

Instrument :

FID\_E

ClientSampleId :