

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052122AL\  
 Data File : FD042596.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 May 2022 4:38  
 Operator : UA/NP  
 Sample : N2942-05  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 21 06:20:11 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051922.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 19 05:18:51 2022  
 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)    | 11.205 | 4823950    | 28.787 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 57.57%       |
| 12) S 1-chlorooctadecane (S... | 12.646 | 4146252    | 32.156 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 64.31%       |
| Target Compounds               |        |            |              |
| 5) T A~2-methylnaphthalene...  | 6.795f | 42651      | 0.277 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.888  | 155028     | 0.984 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.475  | 168511     | 1.067 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.905 | 279742     | 1.774 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.203 | 384183     | 2.494 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.817 | 564888     | 3.694 ug/ml  |
| 13) T n-Docosane (C22)         | 13.398 | 729215     | 4.870 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.499 | 473525     | 3.283 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.515 | 2417643    | 17.263 ug/ml |
| 16) T n-Octacosane (C28)       | 16.457 | 5515831    | 40.462 ug/ml |
| 17) T n-Tricontane (C30)       | 17.330 | 4853498    | 36.455 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.161 | 6144926    | 48.292 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.932 | 6847026    | 56.732 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.647 | 10779534   | 95.183 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.360 | 10255034   | 94.966 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.137 | 6251527    | 58.603 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

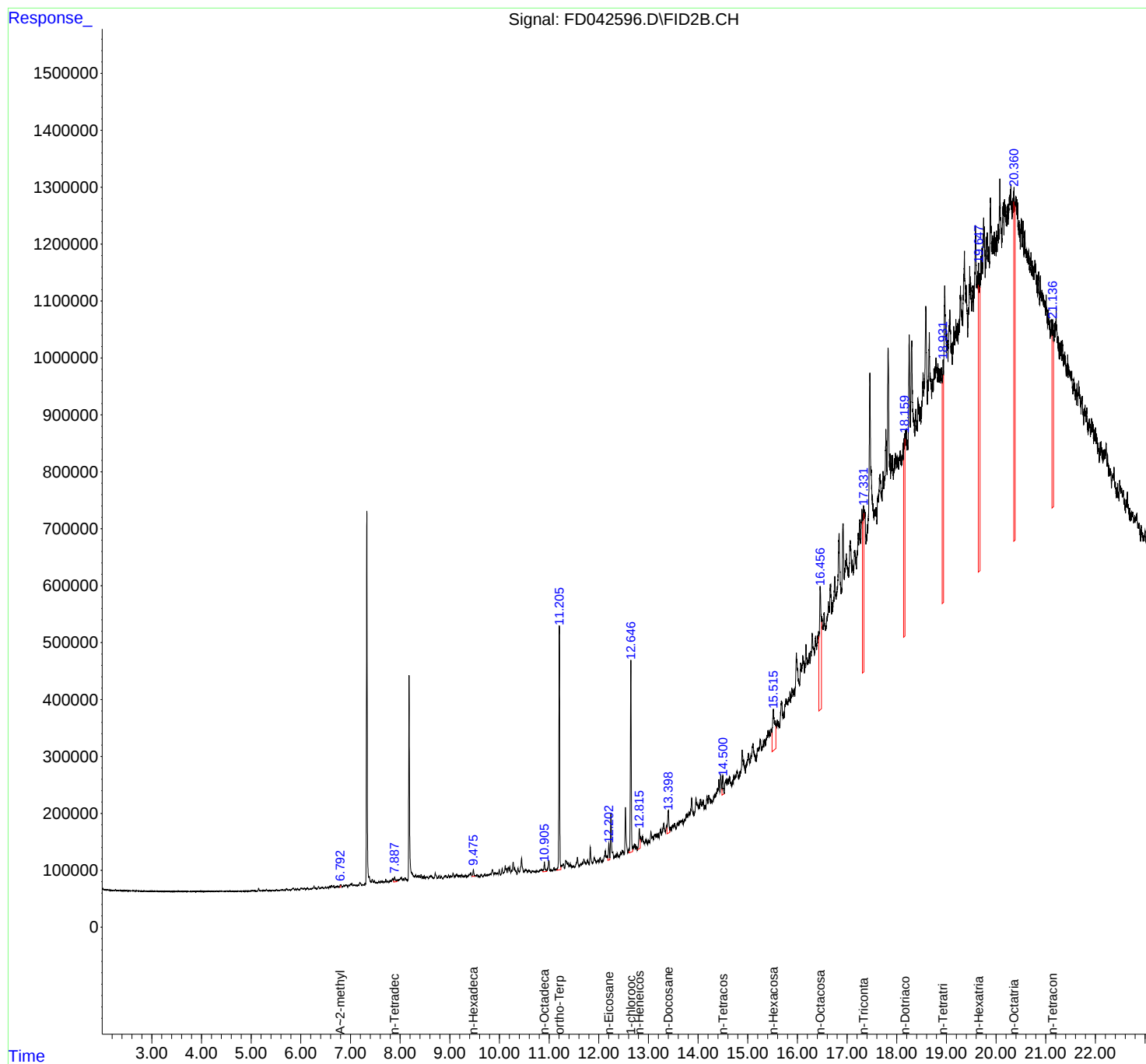
(m)=manual int.

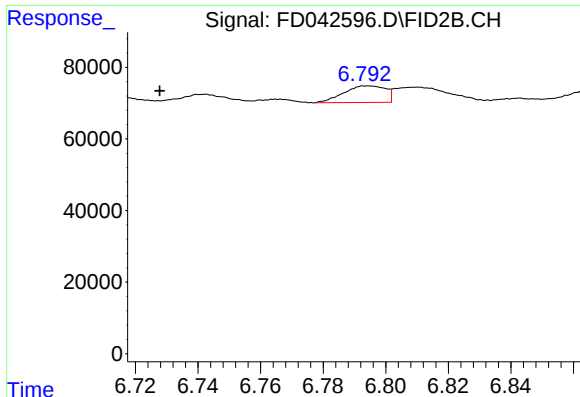
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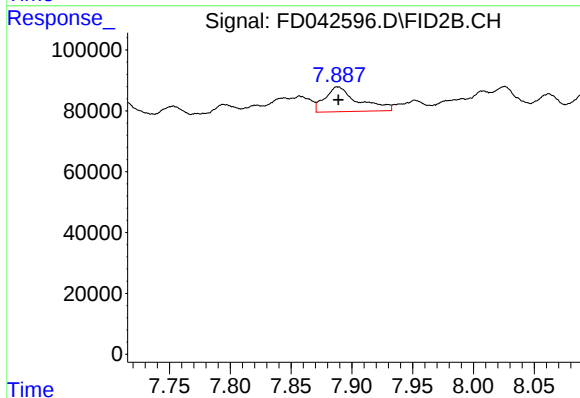




#5 A~2-methylnaphthalene (C12.89)

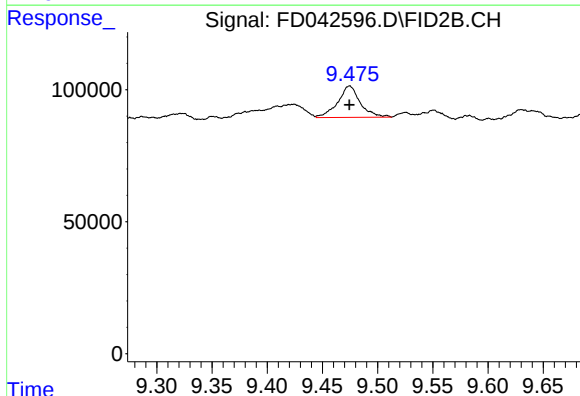
R.T.: 6.795 min  
Delta R.T.: 0.067 min  
Response: 42651  
Conc: 0.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



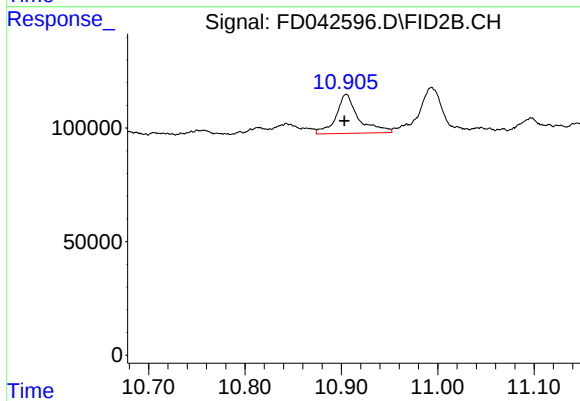
#6 n-Tetradecane (C14)

R.T.: 7.888 min  
Delta R.T.: 0.000 min  
Response: 155028  
Conc: 0.98 ug/ml



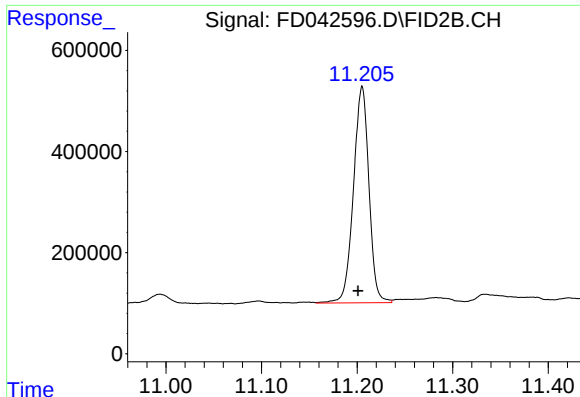
#7 n-Hexadecane (C16)

R.T.: 9.475 min  
Delta R.T.: 0.000 min  
Response: 168511  
Conc: 1.07 ug/ml



#8 n-Octadecane (C18)

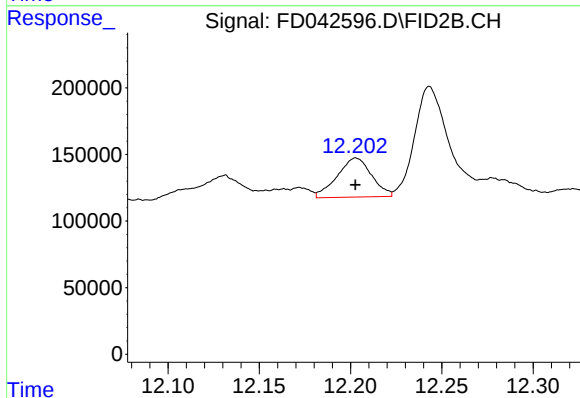
R.T.: 10.905 min  
Delta R.T.: 0.002 min  
Response: 279742  
Conc: 1.77 ug/ml



#9 ortho-Terphenyl (SURR)

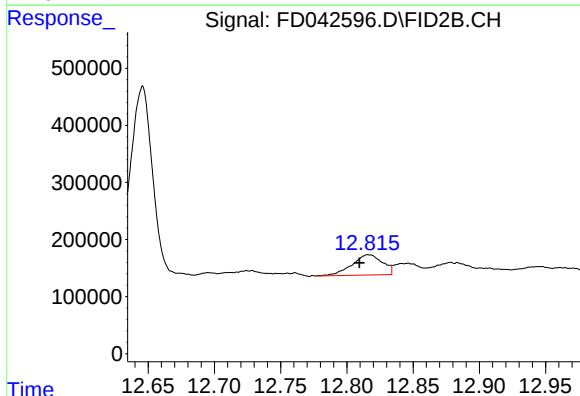
R.T.: 11.205 min  
Delta R.T.: 0.004 min  
Response: 4823950  
Conc: 28.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



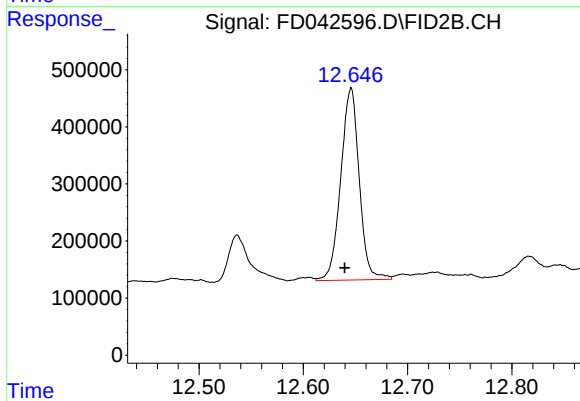
#10 n-Eicosane (C20)

R.T.: 12.203 min  
Delta R.T.: 0.000 min  
Response: 384183  
Conc: 2.49 ug/ml



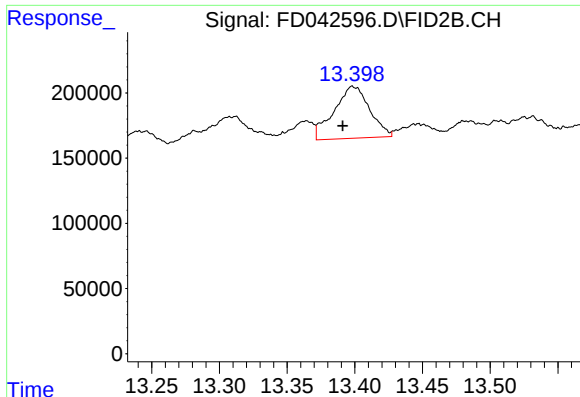
#11 n-Heneicosane (C21)

R.T.: 12.817 min  
Delta R.T.: 0.007 min  
Response: 564888  
Conc: 3.69 ug/ml



#12 1-chlorooctadecane (SURR)

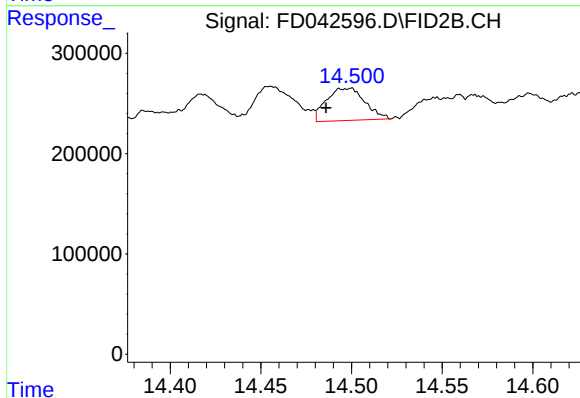
R.T.: 12.646 min  
Delta R.T.: 0.006 min  
Response: 4146252  
Conc: 32.16 ug/ml



#13 n-Docosane (C22)

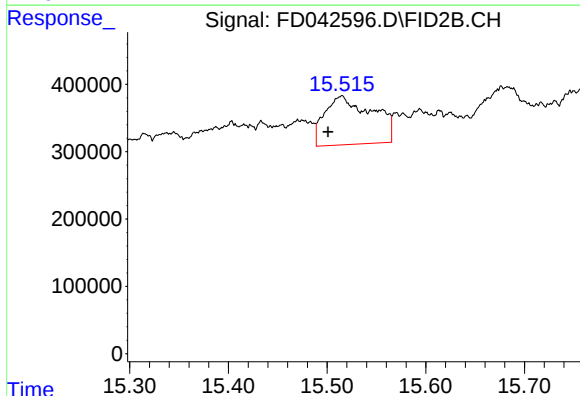
R.T.: 13.398 min  
Delta R.T.: 0.007 min  
Response: 729215  
Conc: 4.87 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



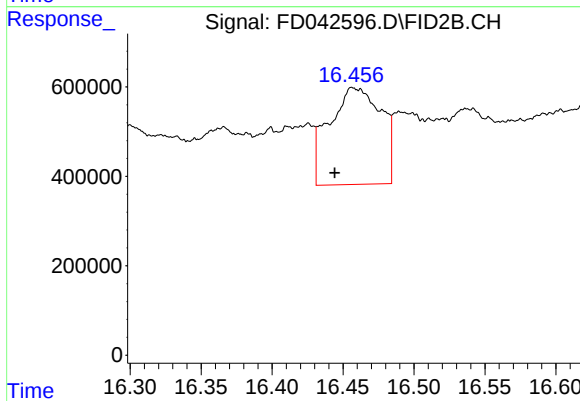
#14 n-Tetracosane (C24)

R.T.: 14.499 min  
Delta R.T.: 0.013 min  
Response: 473525  
Conc: 3.28 ug/ml



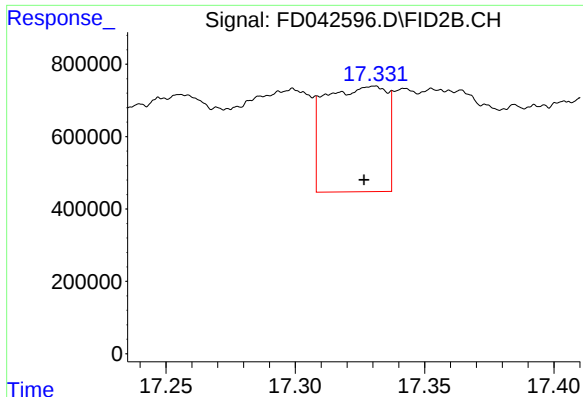
#15 n-Hexacosane (C26)

R.T.: 15.515 min  
Delta R.T.: 0.014 min  
Response: 2417643  
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

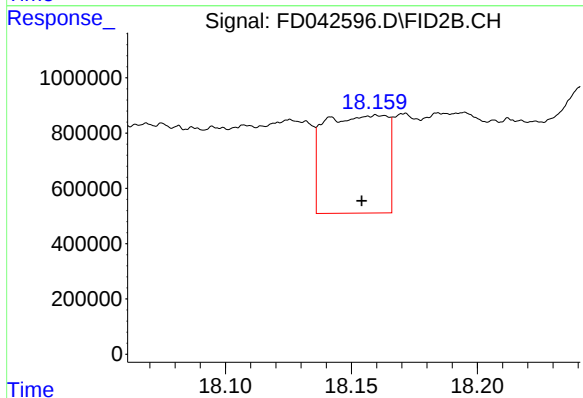
R.T.: 16.457 min  
Delta R.T.: 0.012 min  
Response: 5515831  
Conc: 40.46 ug/ml



#17 n-Tricontane (C30)

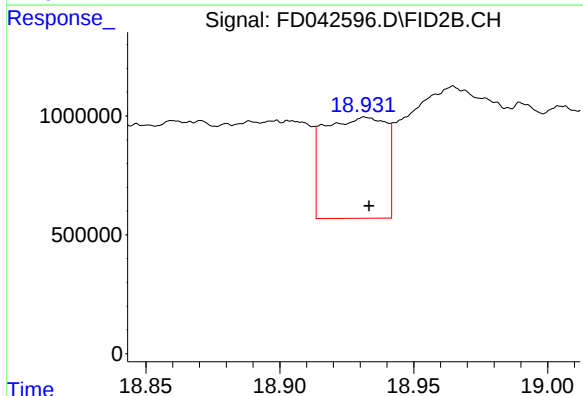
R.T.: 17.330 min  
Delta R.T.: 0.004 min  
Response: 4853498  
Conc: 36.46 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



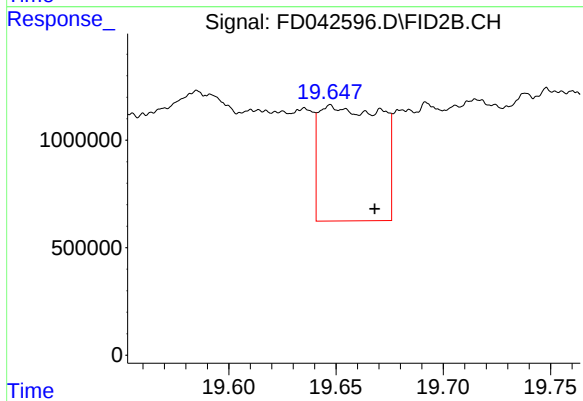
#18 n-Dotriacontane (C32)

R.T.: 18.161 min  
Delta R.T.: 0.007 min  
Response: 6144926  
Conc: 48.29 ug/ml



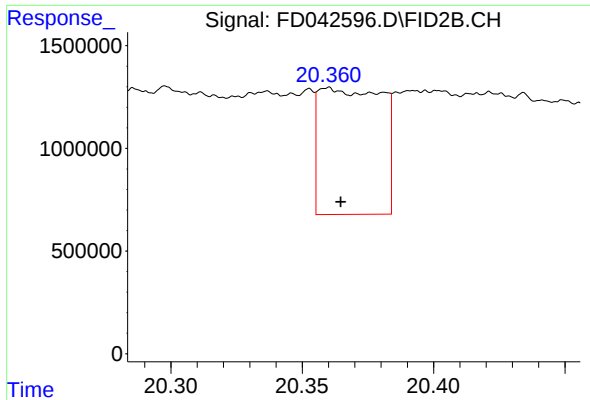
#19 n-Tetratriacontane (C34)

R.T.: 18.932 min  
Delta R.T.: -0.001 min  
Response: 6847026  
Conc: 56.73 ug/ml



#20 n-Hexatriacontane (C36)

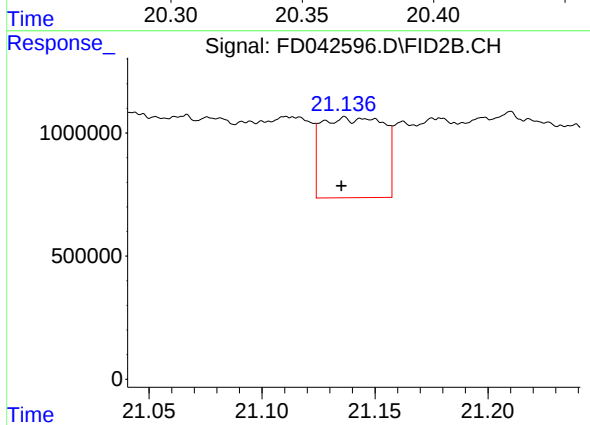
R.T.: 19.647 min  
Delta R.T.: -0.021 min  
Response: 10779534  
Conc: 95.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.360 min  
Delta R.T.: -0.005 min  
Response: 10255034  
Conc: 94.97 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.137 min  
Delta R.T.: 0.001 min  
Response: 6251527  
Conc: 58.60 ug/ml