

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030321AL\  
 Data File : FC052200.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Mar 2021 4:36  
 Operator : DD\AJ  
 Sample : M1542-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 04 05:04:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 030321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 04 03:56:17 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)    | 11.623 | 6025358    | 45.689 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 91.38%        |
| 12) S 1-chlorooctadecane (S... | 13.064 | 29815272   | 286.686 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 573.37%       |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 3) T A~Naphthalene (C11.7)     | 6.018  | 170475     | 1.284 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.450  | 585570     | 4.844 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.082  | 271630     | 2.001 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.251  | 1163230    | 9.594 ug/ml   |
| 7) T n-Hexadecane (C16)        | 9.855  | 1130211    | 9.446 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.300 | 811044     | 6.552 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.611 | 611004     | 4.959 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.229 | 372892     | 3.055 ug/ml   |
| 13) T n-Docosane (C22)         | 13.812 | 297831     | 2.475 ug/ml   |
| 14) T n-Tetracosane (C24)      | 14.911 | 272882     | 2.341 ug/ml   |
| 15) T n-Hexacosane (C26)       | 15.938 | 254898     | 2.320 ug/ml   |
| 16) T n-Octacosane (C28)       | 16.891 | 243744     | 2.378 ug/ml   |
| 17) T n-Tricontane (C30)       | 17.780 | 301256     | 3.200 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.612 | 298204     | 3.493 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.399 | 184394     | 2.378 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.136 | 104926     | 1.460 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.805 | 412525     | 5.737 ug/ml   |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

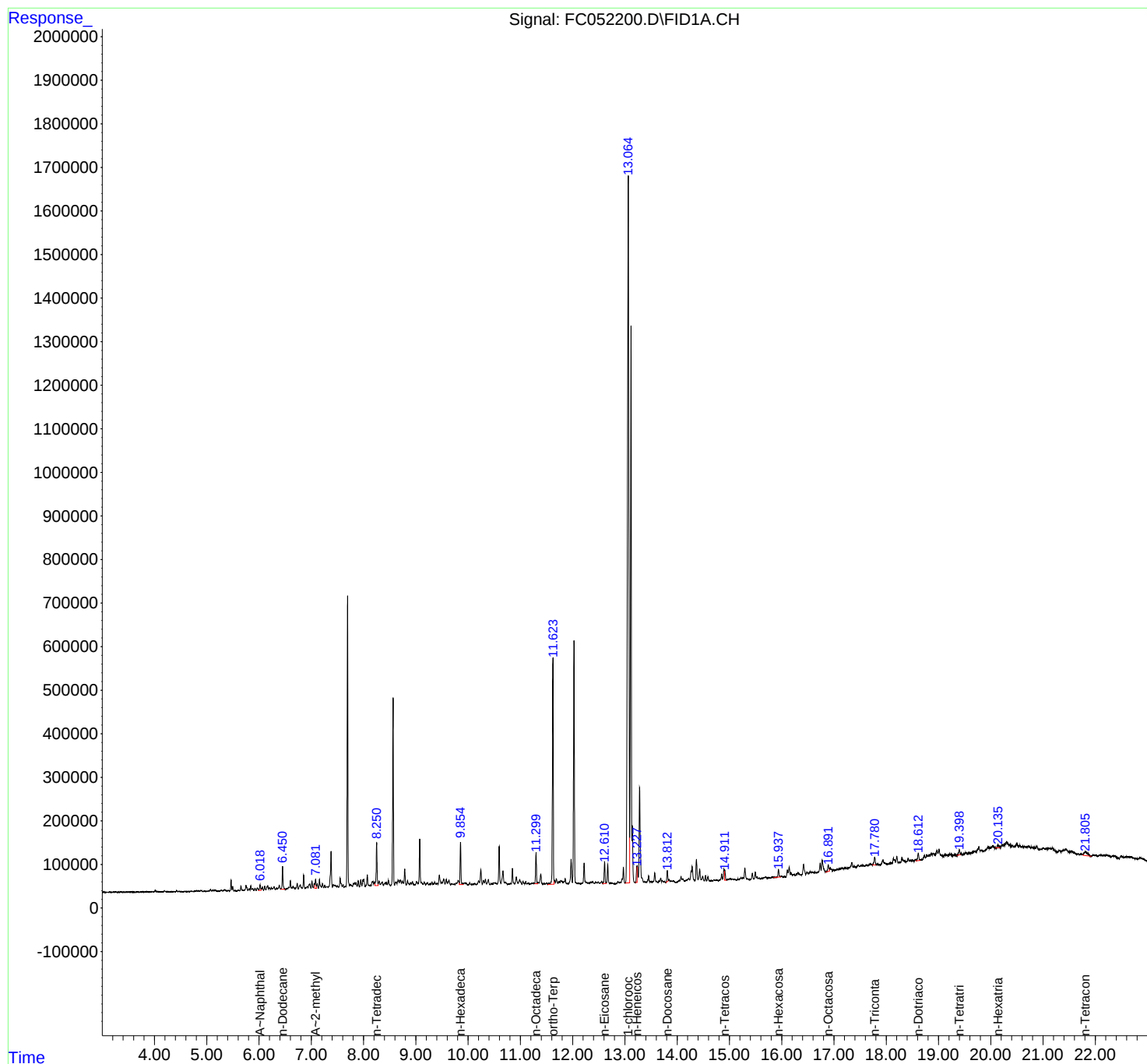
(m)=manual int.

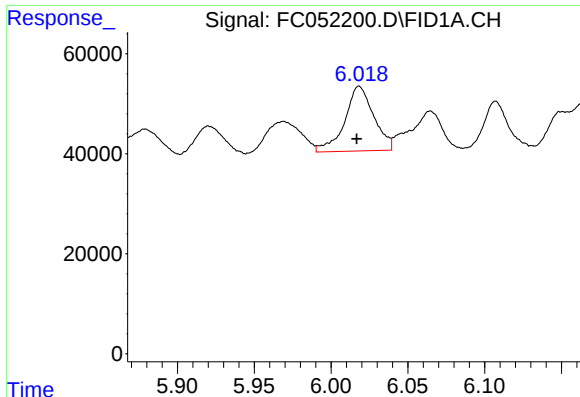
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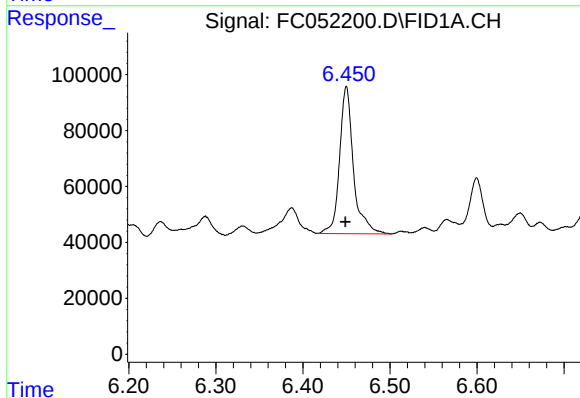




#3 A~Naphthalene (C11.7)

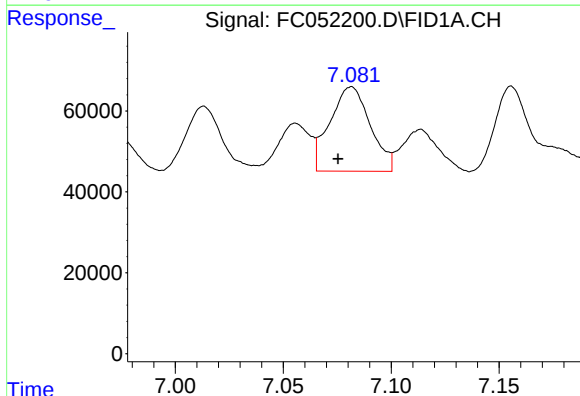
R.T.: 6.018 min  
Delta R.T.: 0.002 min  
Response: 170475  
Conc: 1.28 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



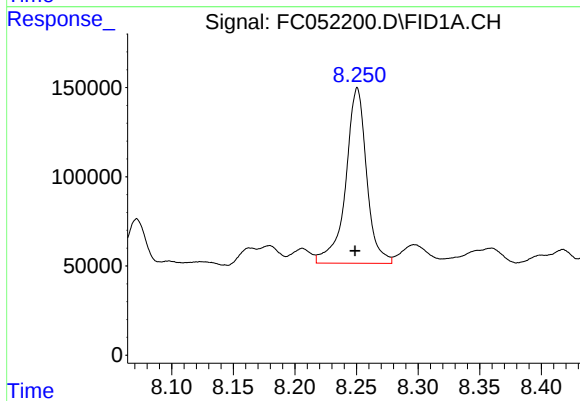
#4 n-Dodecane (C12)

R.T.: 6.450 min  
Delta R.T.: 0.001 min  
Response: 585570  
Conc: 4.84 ug/ml



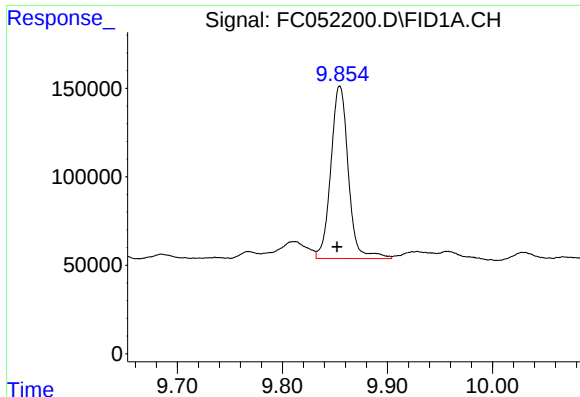
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.082 min  
Delta R.T.: 0.006 min  
Response: 271630  
Conc: 2.00 ug/ml



#6 n-Tetradecane (C14)

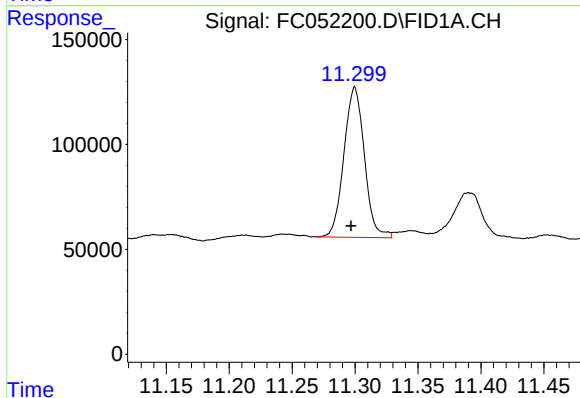
R.T.: 8.251 min  
Delta R.T.: 0.002 min  
Response: 1163230  
Conc: 9.59 ug/ml



#7 n-Hexadecane (C16)

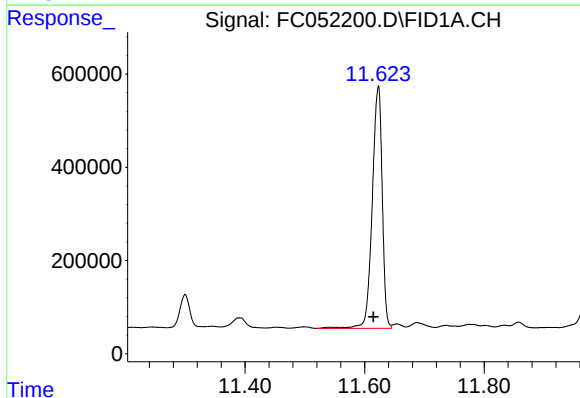
R.T.: 9.855 min  
Delta R.T.: 0.003 min  
Response: 1130211  
Conc: 9.45 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



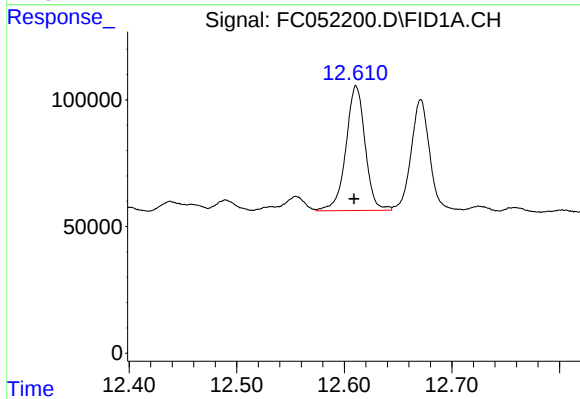
#8 n-Octadecane (C18)

R.T.: 11.300 min  
Delta R.T.: 0.003 min  
Response: 811044  
Conc: 6.55 ug/ml



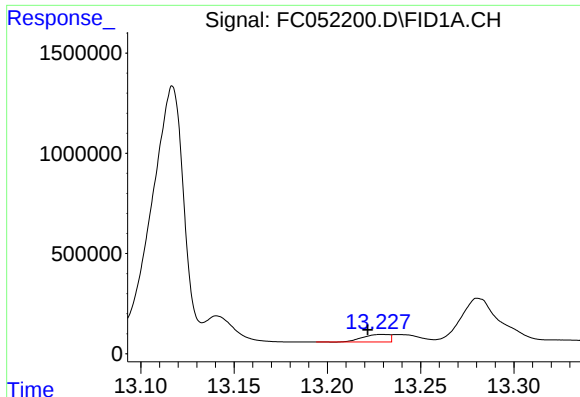
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min  
Delta R.T.: 0.008 min  
Response: 6025358  
Conc: 45.69 ug/ml



#10 n-Eicosane (C20)

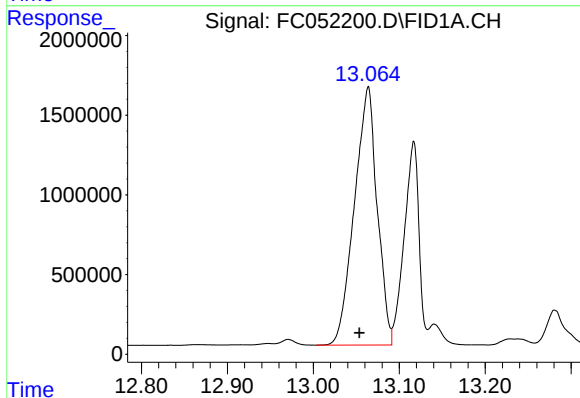
R.T.: 12.611 min  
Delta R.T.: 0.002 min  
Response: 611004  
Conc: 4.96 ug/ml



#11 n-Heneicosane (C21)

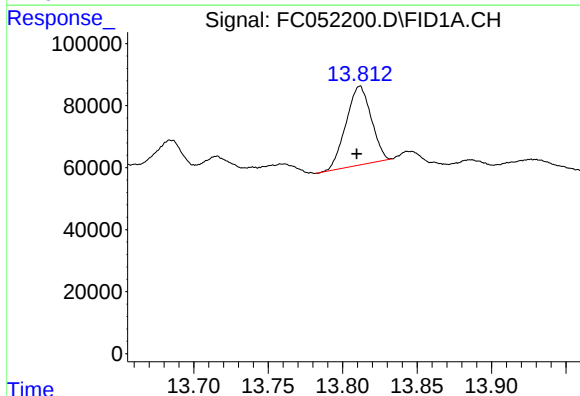
R.T.: 13.229 min  
Delta R.T.: 0.008 min  
Response: 372892  
Conc: 3.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



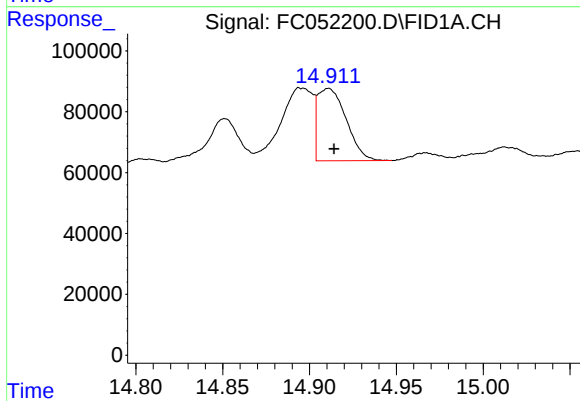
#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min  
Delta R.T.: 0.010 min  
Response: 29815272  
Conc: 286.69 ug/ml



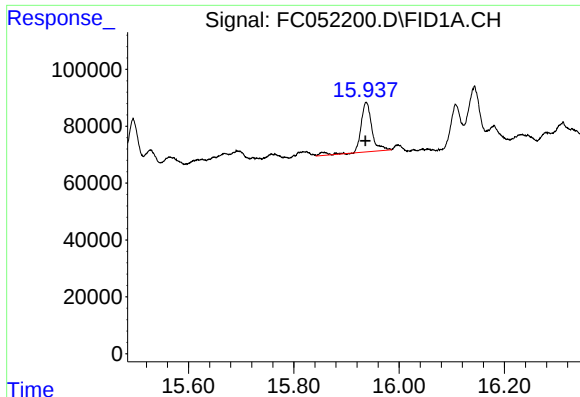
#13 n-Docosane (C22)

R.T.: 13.812 min  
Delta R.T.: 0.002 min  
Response: 297831  
Conc: 2.48 ug/ml



#14 n-Tetracosane (C24)

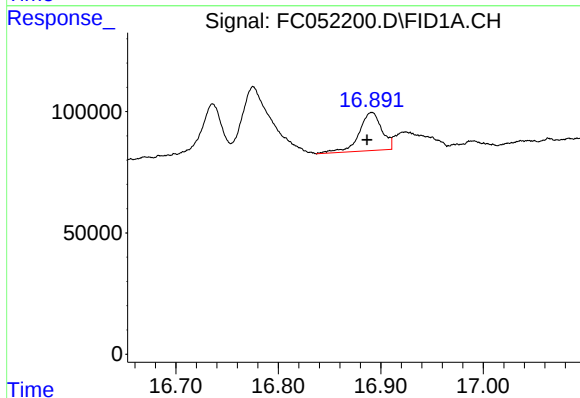
R.T.: 14.911 min  
Delta R.T.: -0.003 min  
Response: 272882  
Conc: 2.34 ug/ml



#15 n-Hexacosane (C26)

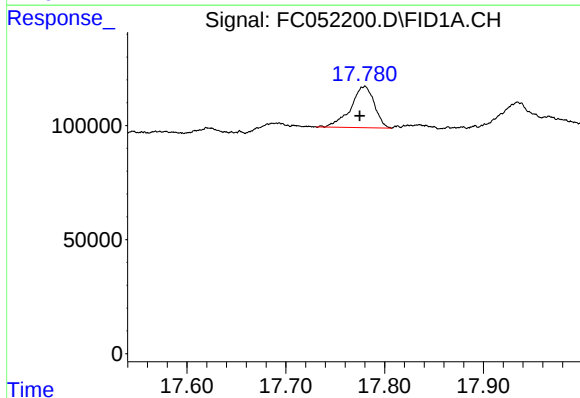
R.T.: 15.938 min  
Delta R.T.: 0.002 min  
Response: 254898  
Conc: 2.32 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



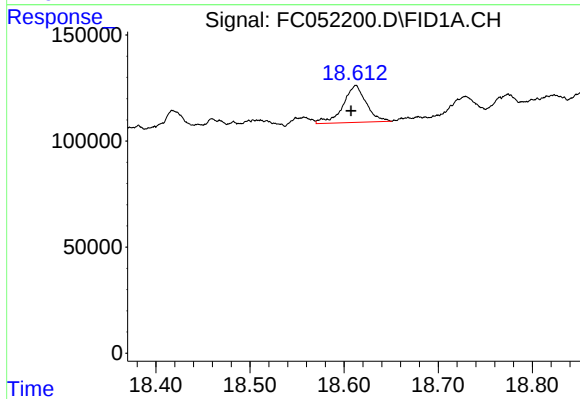
#16 n-Octacosane (C28)

R.T.: 16.891 min  
Delta R.T.: 0.005 min  
Response: 243744  
Conc: 2.38 ug/ml



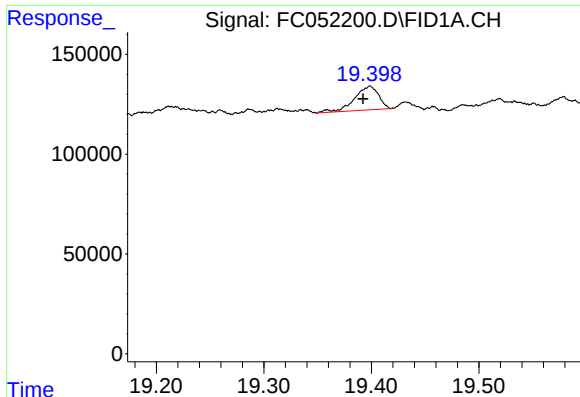
#17 n-Tricontane (C30)

R.T.: 17.780 min  
Delta R.T.: 0.005 min  
Response: 301256  
Conc: 3.20 ug/ml



#18 n-Dotriacontane (C32)

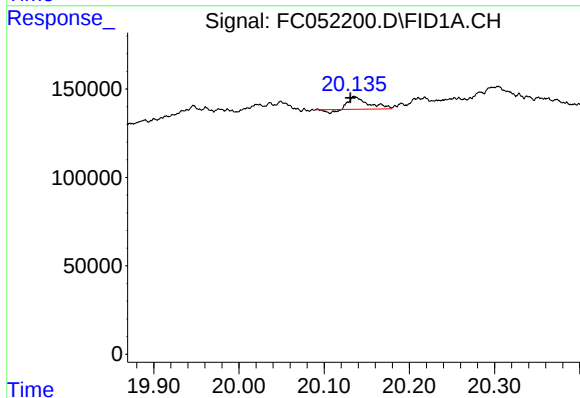
R.T.: 18.612 min  
Delta R.T.: 0.005 min  
Response: 298204  
Conc: 3.49 ug/ml



#19 n-Tetratriacontane (C34)

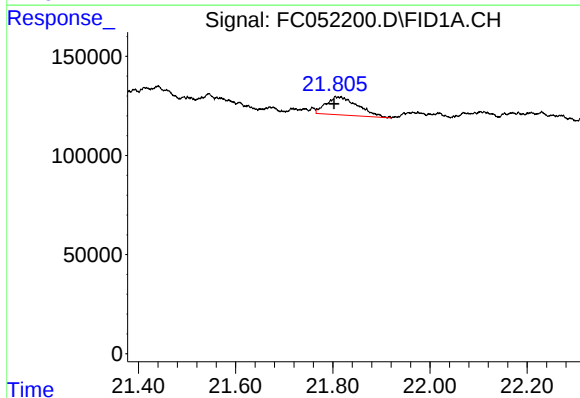
R.T.: 19.399 min  
Delta R.T.: 0.006 min  
Response: 184394  
Conc: 2.38 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.136 min  
Delta R.T.: 0.005 min  
Response: 104926  
Conc: 1.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.805 min  
Delta R.T.: 0.003 min  
Response: 412525  
Conc: 5.74 ug/ml