

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060324AL\  
 Data File : FE048500.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Jun 2024 09:01  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Jun 04 01:27:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

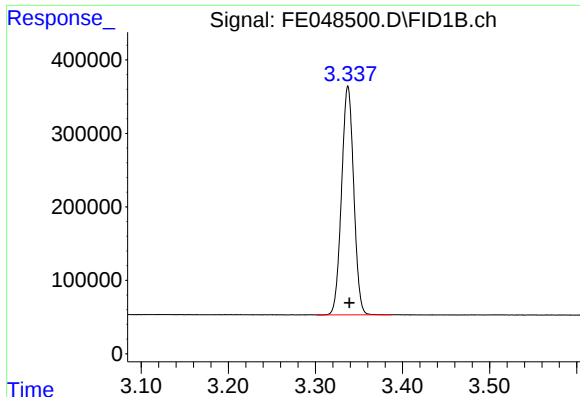
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.951 | 2975369    | 20.720 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.44%       |
| 12) S 1-chlorooctadecane (S... | 13.384 | 2228991    | 20.460 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.337  | 3020441    | 20.203 ug/ml |
| 2) T n-Decane (C10)            | 4.586  | 3120101    | 20.663 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.293  | 3071311    | 20.627 ug/ml |
| 4) T n-Dodecane (C12)          | 6.751  | 3056105    | 20.646 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.388  | 2870678    | 20.704 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.580  | 2913468    | 20.541 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.188 | 2911847    | 20.654 ug/ml |
| 8) T n-Octadecane (C18)        | 11.630 | 2879520    | 20.733 ug/ml |
| 10) T n-Eicosane (C20)         | 12.938 | 2740627    | 20.710 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.550 | 2671592    | 20.625 ug/ml |
| 13) T n-Docosane (C22)         | 14.136 | 2698752    | 20.943 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.239 | 2772200    | 21.399 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.259 | 2831196    | 21.845 ug/ml |
| 16) T n-Octacosane (C28)       | 17.208 | 2924729    | 22.628 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 3089416    | 23.062 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.927 | 3082852    | 22.711 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.707 | 3143588    | 22.979 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.447 | 2885235    | 21.225 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.184 | 2954873    | 21.668 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.102 | 3067008    | 22.400 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

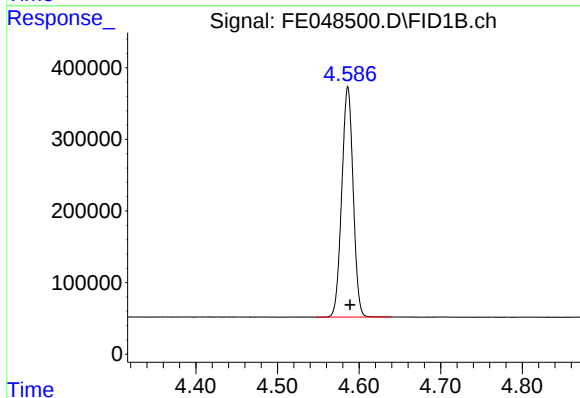




#1 n-Nonane (C9)

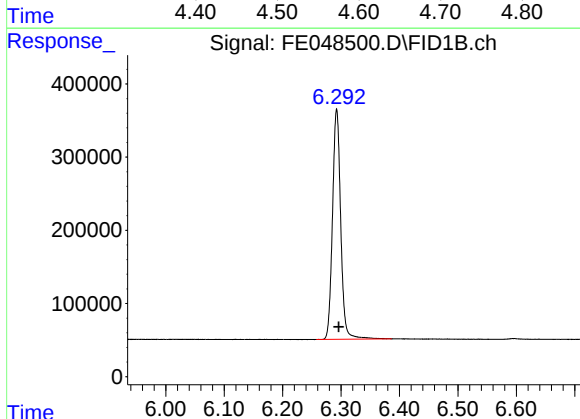
R.T.: 3.337 min  
Delta R.T.: -0.002 min  
Response: 3020441  
Conc: 20.20 ug/ml

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20 PPM ALIPHATIC HC STD



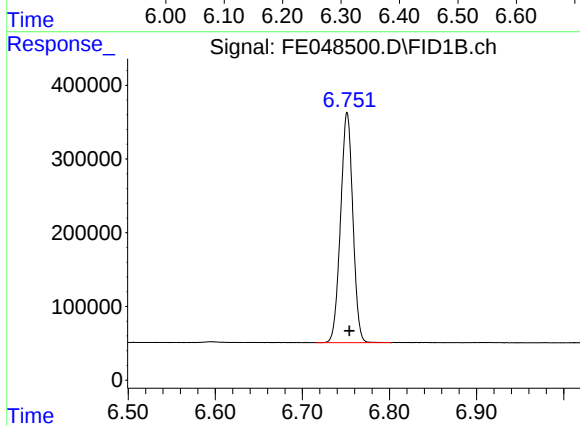
#2 n-Decane (C10)

R.T.: 4.586 min  
Delta R.T.: -0.003 min  
Response: 3120101  
Conc: 20.66 ug/ml



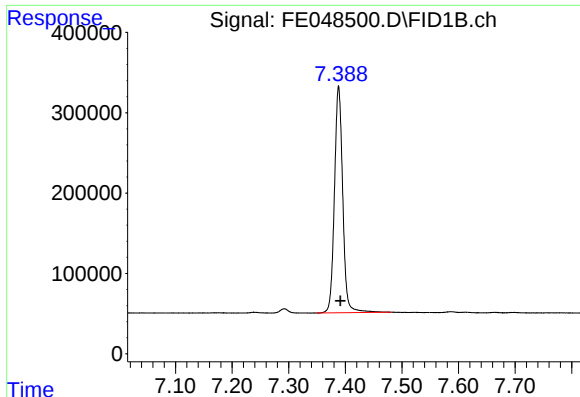
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min  
Delta R.T.: -0.003 min  
Response: 3071311  
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

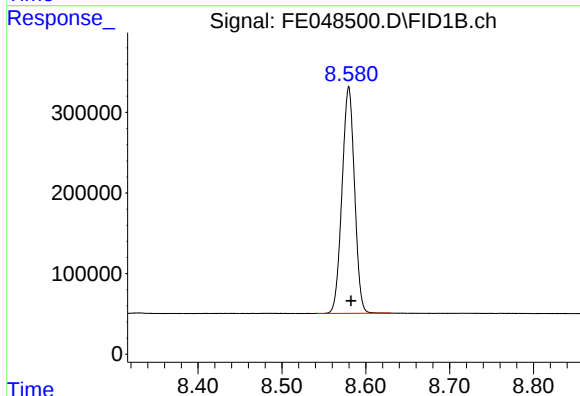
R.T.: 6.751 min  
Delta R.T.: -0.003 min  
Response: 3056105  
Conc: 20.65 ug/ml



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

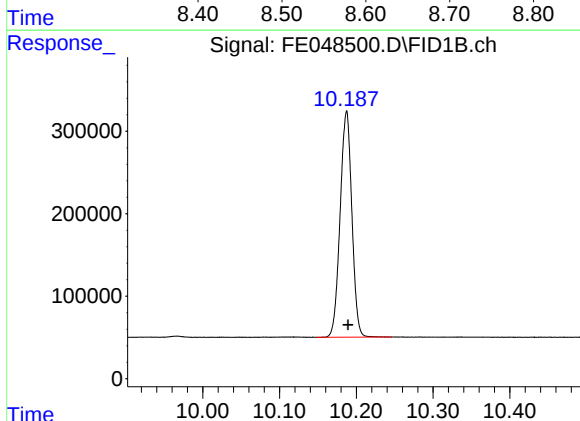
R.T.: 7.388 min  
Delta R.T.: -0.003 min  
Response: 2870678  
Conc: 20.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



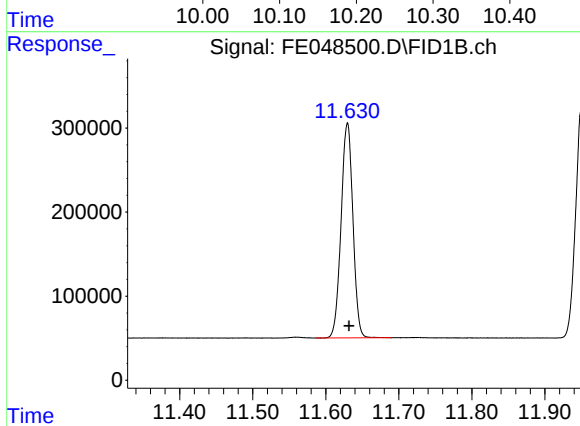
#6 n-Tetradecane (C14)

R.T.: 8.580 min  
Delta R.T.: -0.003 min  
Response: 2913468  
Conc: 20.54 ug/ml



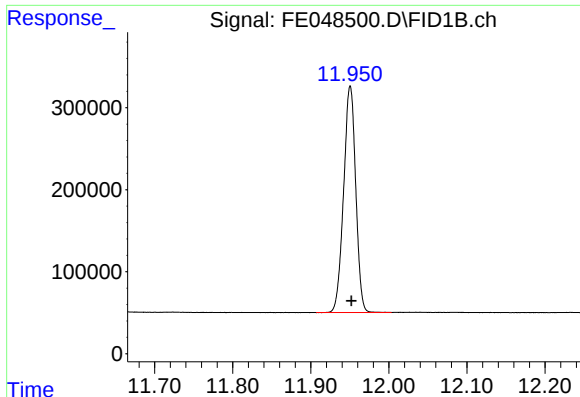
#7 n-Hexadecane (C16)

R.T.: 10.188 min  
Delta R.T.: -0.002 min  
Response: 2911847  
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

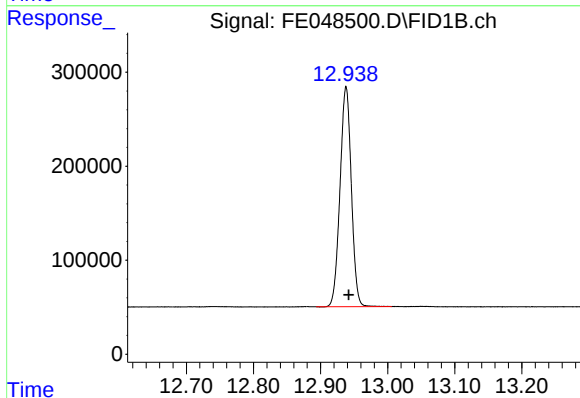
R.T.: 11.630 min  
Delta R.T.: -0.002 min  
Response: 2879520  
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

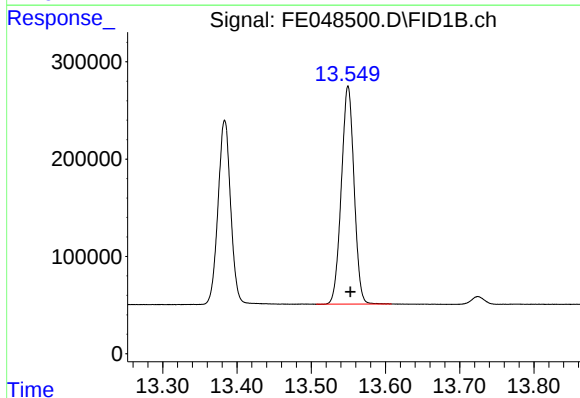
R.T.: 11.951 min  
Delta R.T.: -0.001 min  
Response: 2975369  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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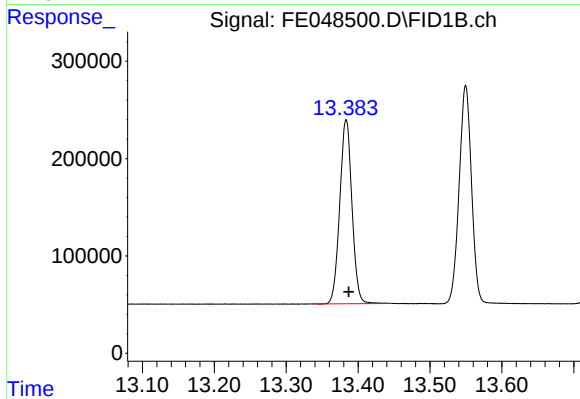
#10 n-Eicosane (C20)

R.T.: 12.938 min  
Delta R.T.: -0.004 min  
Response: 2740627  
Conc: 20.71 ug/ml



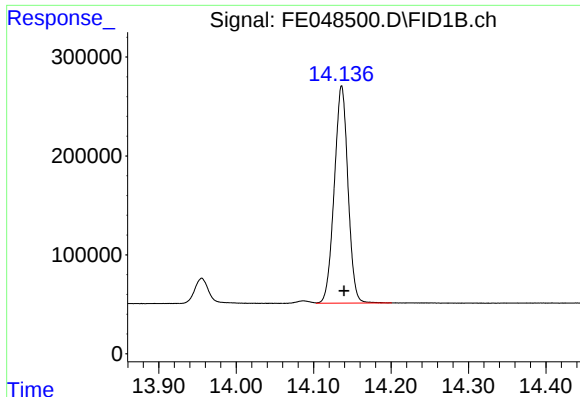
#11 n-Heneicosane (C21)

R.T.: 13.550 min  
Delta R.T.: -0.003 min  
Response: 2671592  
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

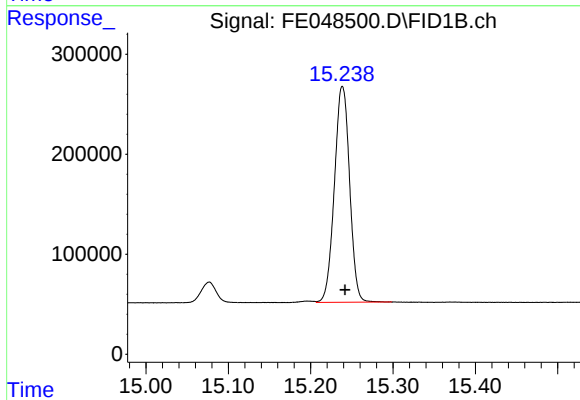
R.T.: 13.384 min  
Delta R.T.: -0.003 min  
Response: 2228991  
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

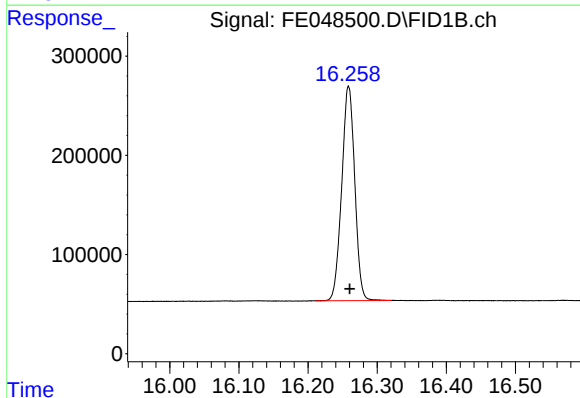
R.T.: 14.136 min  
Delta R.T.: -0.003 min  
Response: 2698752  
Conc: 20.94 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



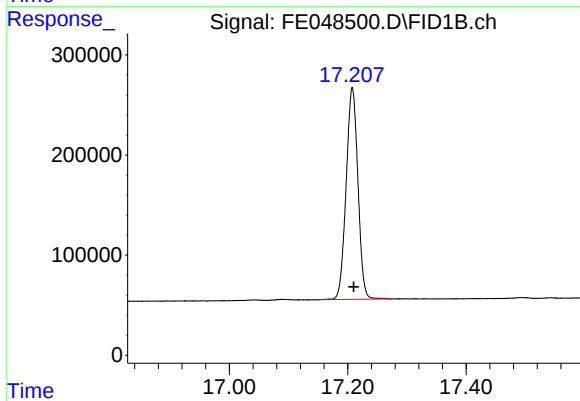
#14 n-Tetracosane (C24)

R.T.: 15.239 min  
Delta R.T.: -0.003 min  
Response: 2772200  
Conc: 21.40 ug/ml



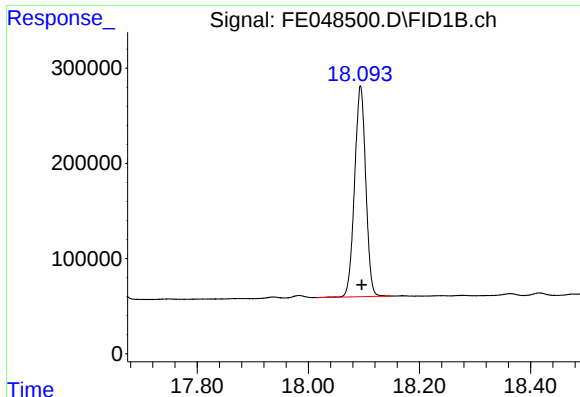
#15 n-Hexacosane (C26)

R.T.: 16.259 min  
Delta R.T.: -0.002 min  
Response: 2831196  
Conc: 21.84 ug/ml



#16 n-Octacosane (C28)

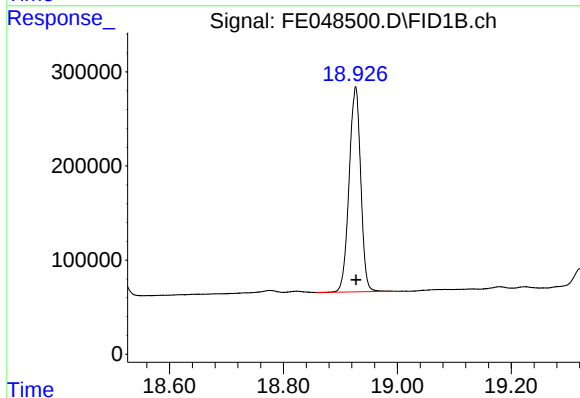
R.T.: 17.208 min  
Delta R.T.: -0.003 min  
Response: 2924729  
Conc: 22.63 ug/ml



#17 n-Tricontane (C30)

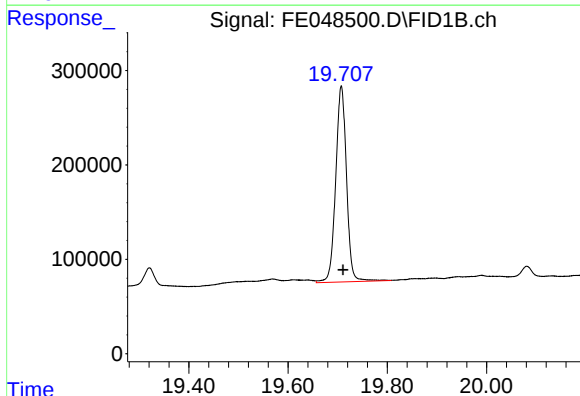
R.T.: 18.094 min  
Delta R.T.: -0.002 min  
Response: 3089416  
Conc: 23.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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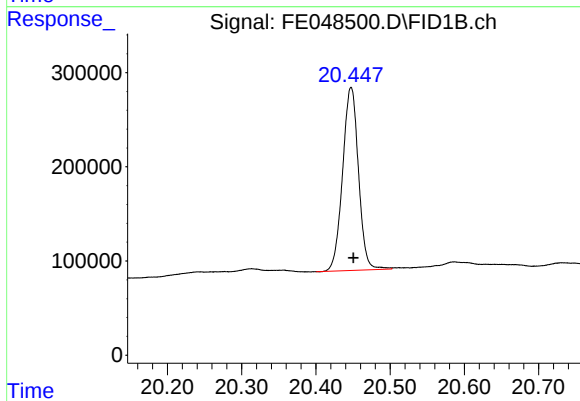
#18 n-Dotriacontane (C32)

R.T.: 18.927 min  
Delta R.T.: 0.000 min  
Response: 3082852  
Conc: 22.71 ug/ml



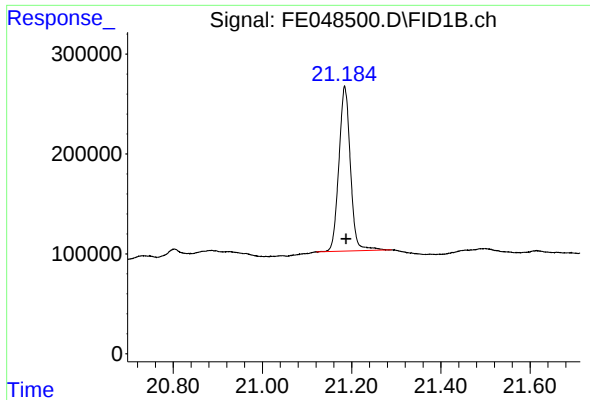
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min  
Delta R.T.: -0.004 min  
Response: 3143588  
Conc: 22.98 ug/ml



#20 n-Hexatriacontane (C36)

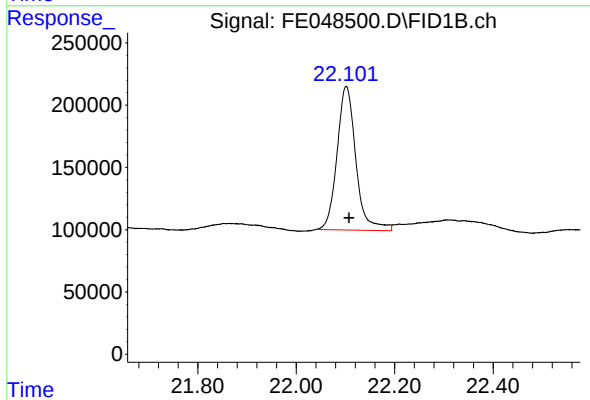
R.T.: 20.447 min  
Delta R.T.: -0.003 min  
Response: 2885235  
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min  
Delta R.T.: -0.003 min  
Response: 2954873  
Conc: 21.67 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 22.102 min  
Delta R.T.: -0.006 min  
Response: 3067008  
Conc: 22.40 ug/ml