

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091725AL\  
 Data File : FE055872.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Sep 2025 11:55  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 18 01:27:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 082925.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 29 08:12:09 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

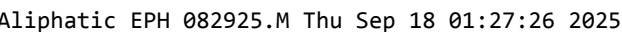
| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 12.070 | 3105453    | 18.903 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.81%       |
| 12) S 1-chlorooctadecane (S... | 13.508 | 2346332    | 18.764 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.53%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.410  | 2164948    | 17.060 ug/ml |
| 2) T n-Decane (C10)            | 4.667  | 2302216    | 17.972 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.386  | 2681730    | 18.458 ug/ml |
| 4) T n-Dodecane (C12)          | 6.843  | 2386577    | 18.328 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.488  | 2617443    | 18.610 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.680  | 2471251    | 18.765 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.295 | 2680324    | 19.353 ug/ml |
| 8) T n-Octadecane (C18)        | 11.744 | 2867166    | 19.657 ug/ml |
| 10) T n-Eicosane (C20)         | 13.060 | 2817120    | 19.571 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.674 | 2734383    | 19.142 ug/ml |
| 13) T n-Docosane (C22)         | 14.262 | 2715554    | 18.971 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.369 | 2713690    | 18.754 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.393 | 2557318    | 17.900 ug/ml |
| 16) T n-Octacosane (C28)       | 17.345 | 2580085    | 18.139 ug/ml |
| 17) T n-Tricontane (C30)       | 18.236 | 2812563    | 19.027 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.069 | 2927132    | 19.943 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.855 | 2655616    | 18.796 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.596 | 2314474    | 17.540 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.372 | 2353906    | 18.074 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.355 | 2002799    | 15.617 ug/ml |
| -----                          |        |            |              |

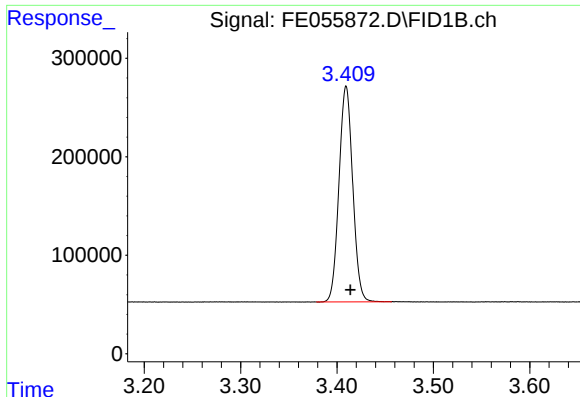
(f)=RT Delta > 1/2 Window

(m)=manual int.

**Instrument :**  
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20 PPM ALIPHATIC HC STD

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

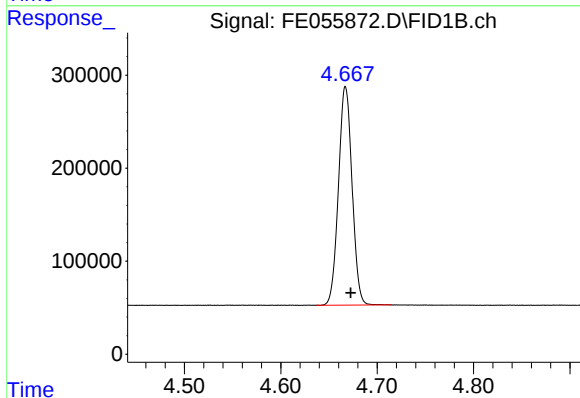




#1 n-Nonane (C9)

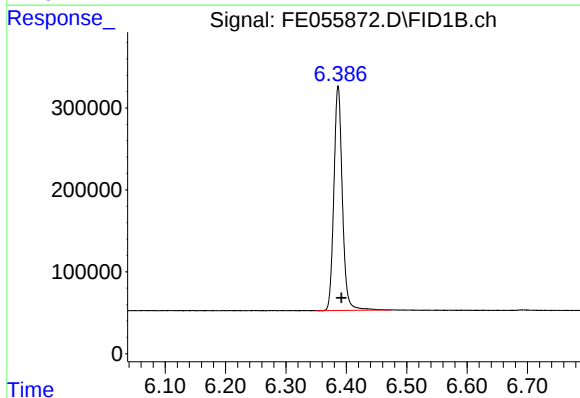
R.T.: 3.410 min  
Delta R.T.: -0.004 min  
Response: 2164948  
Conc: 17.06 ug/ml

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



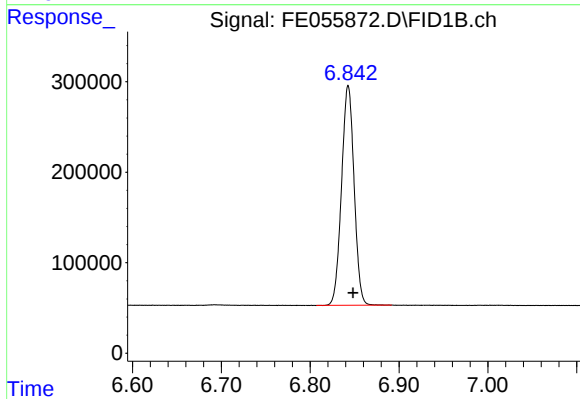
#2 n-Decane (C10)

R.T.: 4.667 min  
Delta R.T.: -0.005 min  
Response: 2302216  
Conc: 17.97 ug/ml



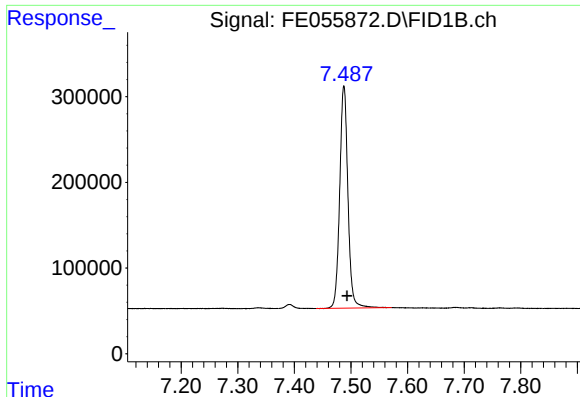
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min  
Delta R.T.: -0.006 min  
Response: 2681730  
Conc: 18.46 ug/ml



#4 n-Dodecane (C12)

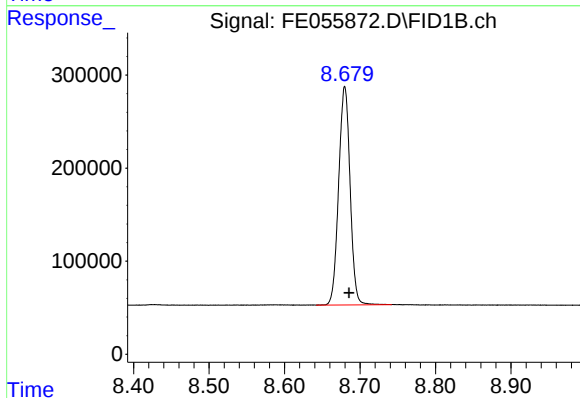
R.T.: 6.843 min  
Delta R.T.: -0.006 min  
Response: 2386577  
Conc: 18.33 ug/ml



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

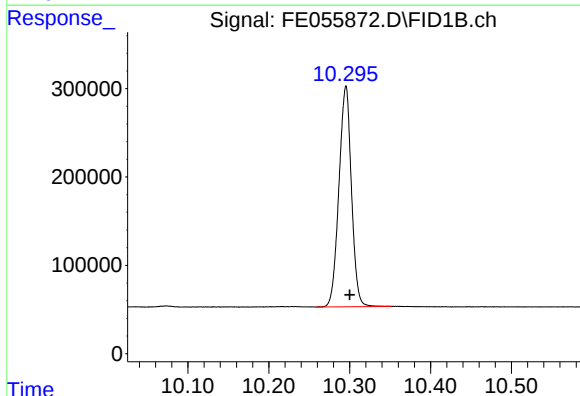
R.T.: 7.488 min  
Delta R.T.: -0.006 min  
Response: 2617443  
Conc: 18.61 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



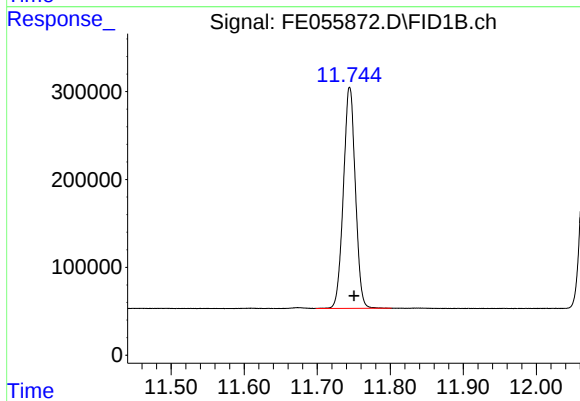
#6 n-Tetradecane (C14)

R.T.: 8.680 min  
Delta R.T.: -0.006 min  
Response: 2471251  
Conc: 18.77 ug/ml



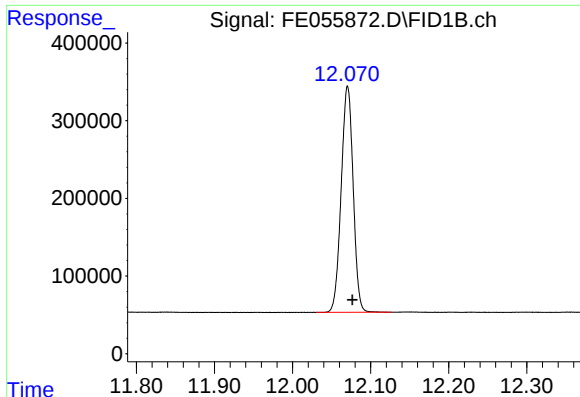
#7 n-Hexadecane (C16)

R.T.: 10.295 min  
Delta R.T.: -0.005 min  
Response: 2680324  
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

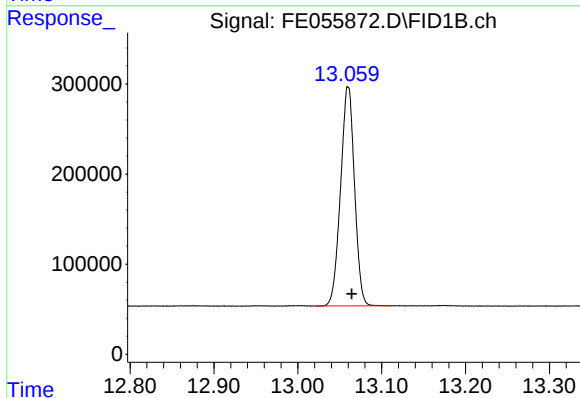
R.T.: 11.744 min  
Delta R.T.: -0.006 min  
Response: 2867166  
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

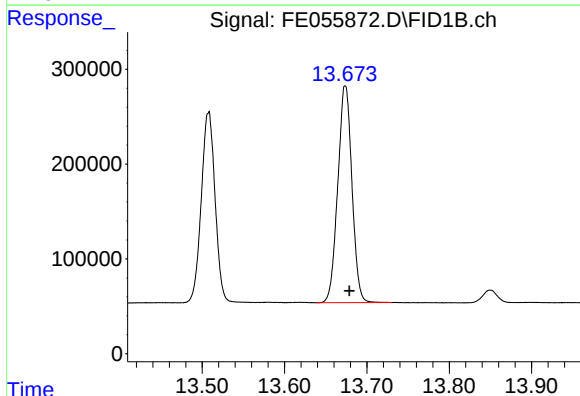
R.T.: 12.070 min  
Delta R.T.: -0.006 min  
Response: 3105453  
Conc: 18.90 ug/ml

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



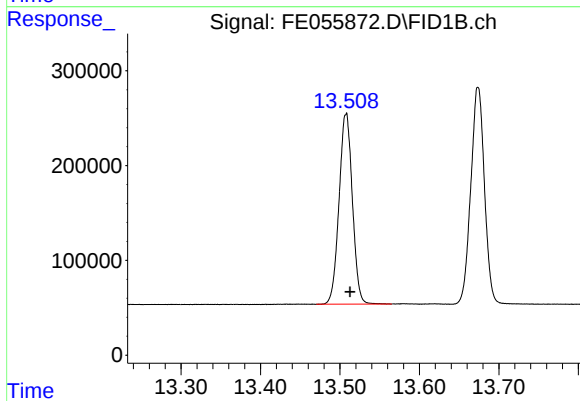
#10 n-Eicosane (C20)

R.T.: 13.060 min  
Delta R.T.: -0.004 min  
Response: 2817120  
Conc: 19.57 ug/ml



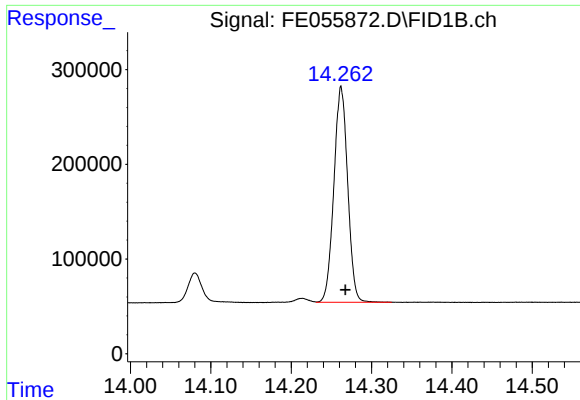
#11 n-Heneicosane (C21)

R.T.: 13.674 min  
Delta R.T.: -0.005 min  
Response: 2734383  
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

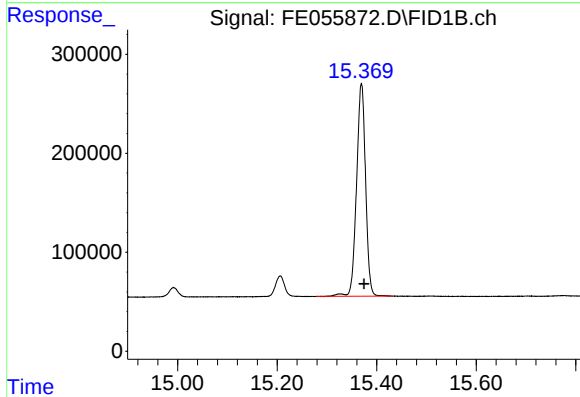
R.T.: 13.508 min  
Delta R.T.: -0.005 min  
Response: 2346332  
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

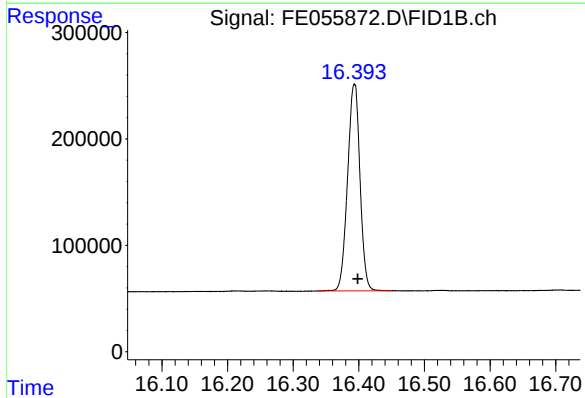
R.T.: 14.262 min  
Delta R.T.: -0.005 min  
Response: 2715554  
Conc: 18.97 ug/ml

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



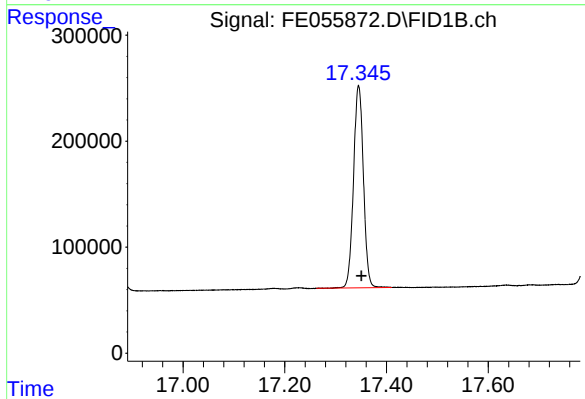
#14 n-Tetracosane (C24)

R.T.: 15.369 min  
Delta R.T.: -0.005 min  
Response: 2713690  
Conc: 18.75 ug/ml



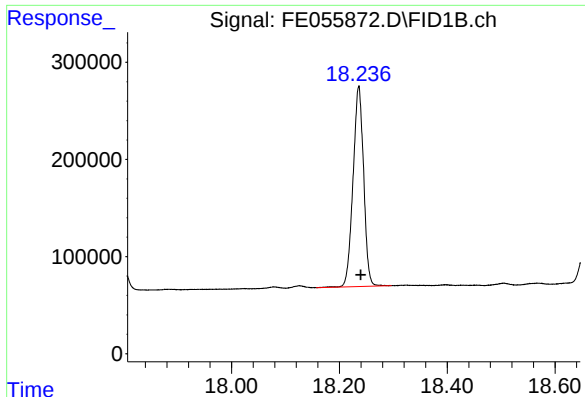
#15 n-Hexacosane (C26)

R.T.: 16.393 min  
Delta R.T.: -0.005 min  
Response: 2557318  
Conc: 17.90 ug/ml



#16 n-Octacosane (C28)

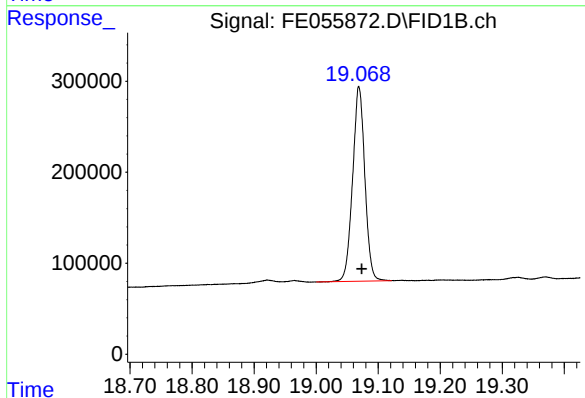
R.T.: 17.345 min  
Delta R.T.: -0.005 min  
Response: 2580085  
Conc: 18.14 ug/ml



#17 n-Tricontane (C30)

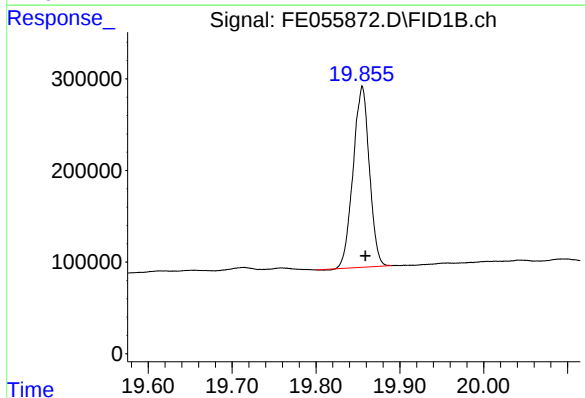
R.T.: 18.236 min  
Delta R.T.: -0.004 min  
Response: 2812563  
Conc: 19.03 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



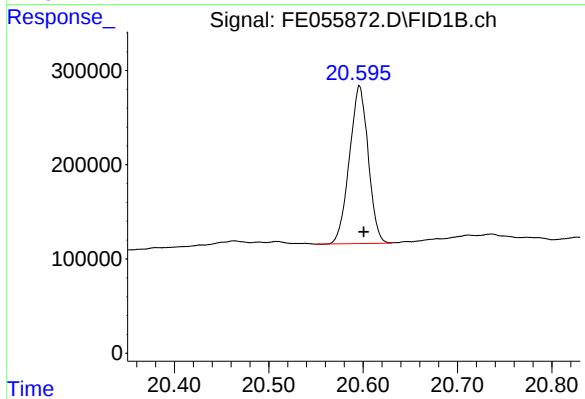
#18 n-Dotriacontane (C32)

R.T.: 19.069 min  
Delta R.T.: -0.004 min  
Response: 2927132  
Conc: 19.94 ug/ml



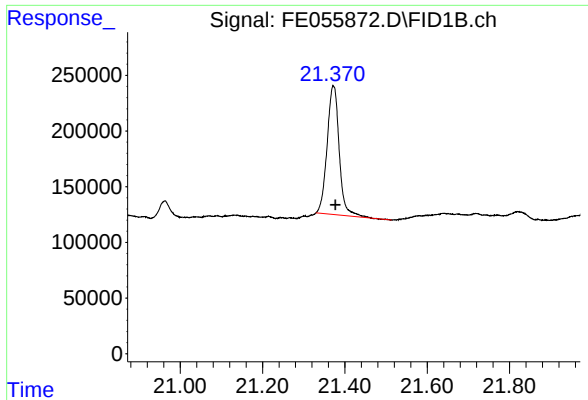
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min  
Delta R.T.: -0.004 min  
Response: 2655616  
Conc: 18.80 ug/ml



#20 n-Hexatriacontane (C36)

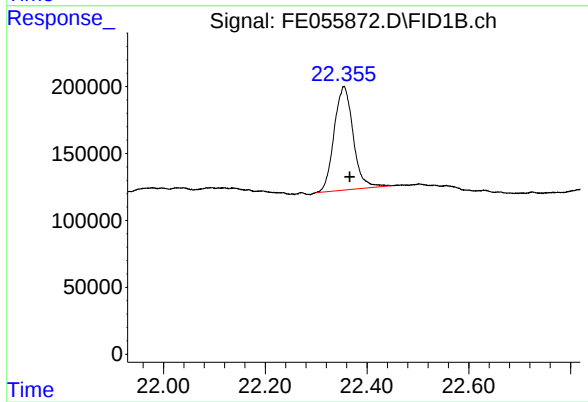
R.T.: 20.596 min  
Delta R.T.: -0.004 min  
Response: 2314474  
Conc: 17.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min  
Delta R.T.: -0.005 min  
Response: 2353906  
Conc: 18.07 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.355 min  
Delta R.T.: -0.011 min  
Response: 2002799  
Conc: 15.62 ug/ml