

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061623AL\  
 Data File : FC063858.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Jun 2023 14:01  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jun 17 00:11:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:12:33 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

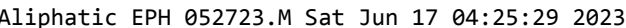
| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.528 | 3457108    | 18.945 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.89%       |
| 12) S 1-chlorooctadecane (S... | 12.963 | 2478089    | 19.395 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.79%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.307  | 3178197    | 19.941 ug/ml |
| 2) T n-Decane (C10)            | 4.369  | 3254273    | 20.132 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.950  | 3334152    | 19.192 ug/ml |
| 4) T n-Dodecane (C12)          | 6.384  | 3211792    | 19.643 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.006  | 3138287    | 19.157 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.176  | 3090286    | 19.649 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.775  | 3106988    | 19.524 ug/ml |
| 8) T n-Octadecane (C18)        | 11.215 | 3073483    | 19.424 ug/ml |
| 10) T n-Eicosane (C20)         | 12.520 | 2896413    | 19.585 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.130 | 2816207    | 19.565 ug/ml |
| 13) T n-Docosane (C22)         | 13.716 | 2799817    | 19.875 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.815 | 2784270    | 20.291 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.832 | 2760723    | 20.821 ug/ml |
| 16) T n-Octacosane (C28)       | 16.779 | 2786242    | 21.943 ug/ml |
| 17) T n-Tricontane (C30)       | 17.666 | 2989544    | 23.399 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.496 | 3029272    | 24.344 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.277 | 2881553    | 23.371 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.016 | 2720817    | 22.669 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.740 | 2679539    | 22.194 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.629 | 2598941    | 21.449 ug/ml |
| -----                          |        |            |              |

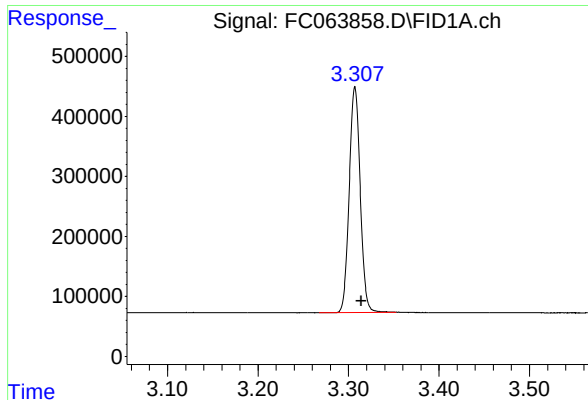
(f)=RT Delta > 1/2 Window

(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

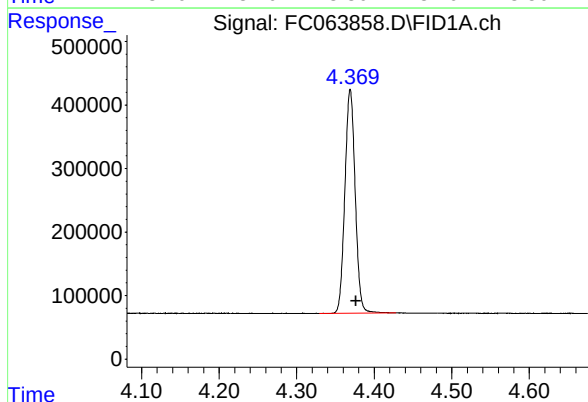




#1 n-Nonane (C9)

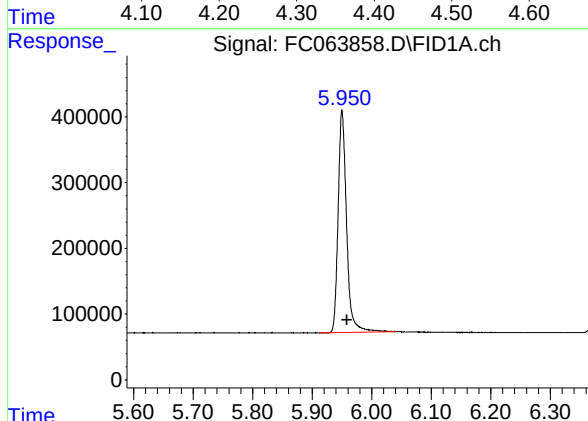
R.T.: 3.307 min  
Delta R.T.: -0.007 min  
Response: 3178197  
Conc: 19.94 ug/ml

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



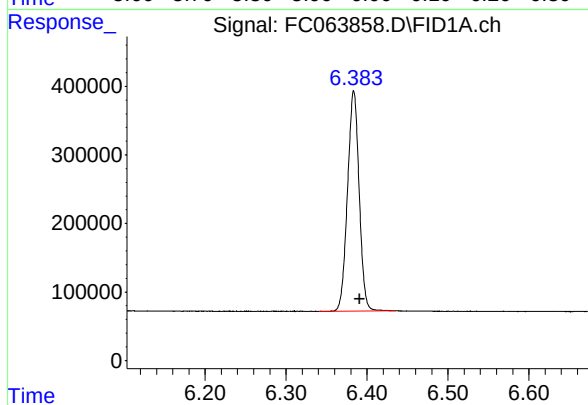
#2 n-Decane (C10)

R.T.: 4.369 min  
Delta R.T.: -0.007 min  
Response: 3254273  
Conc: 20.13 ug/ml



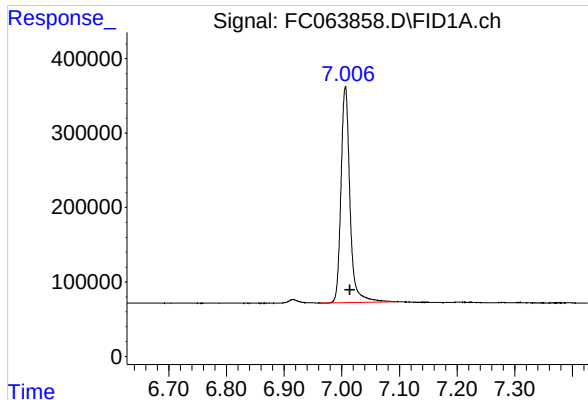
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min  
Delta R.T.: -0.008 min  
Response: 3334152  
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

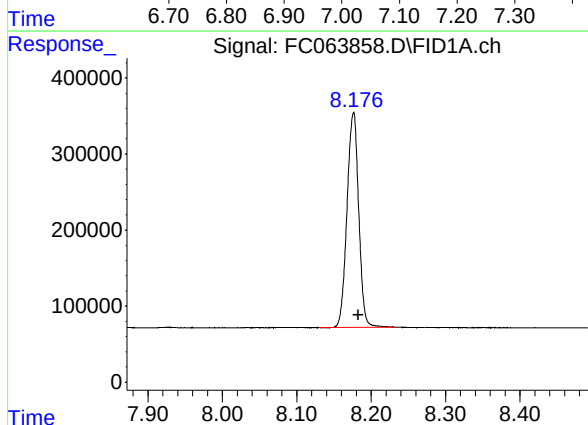
R.T.: 6.384 min  
Delta R.T.: -0.007 min  
Response: 3211792  
Conc: 19.64 ug/ml



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

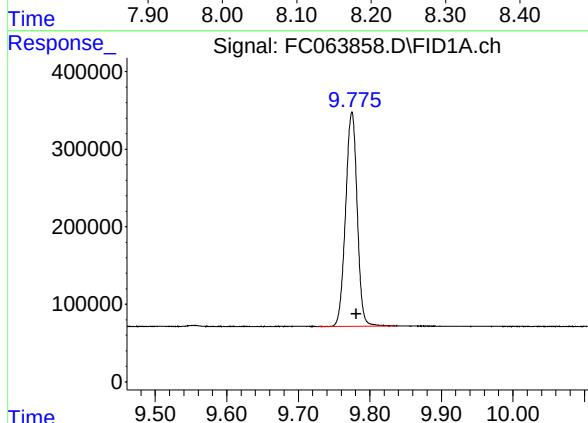
R.T.: 7.006 min  
Delta R.T.: -0.008 min  
Response: 3138287  
Conc: 19.16 ug/ml

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



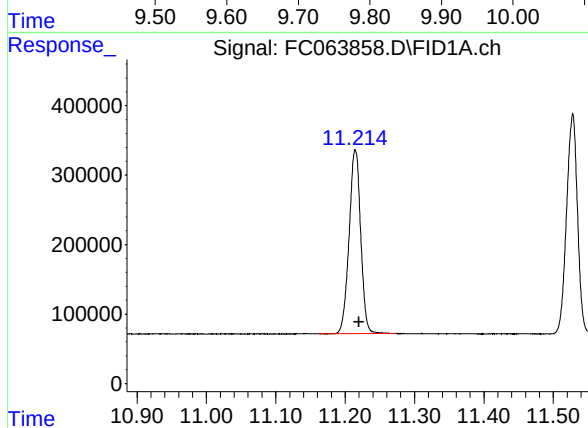
#6 n-Tetradecane (C14)

R.T.: 8.176 min  
Delta R.T.: -0.007 min  
Response: 3090286  
Conc: 19.65 ug/ml



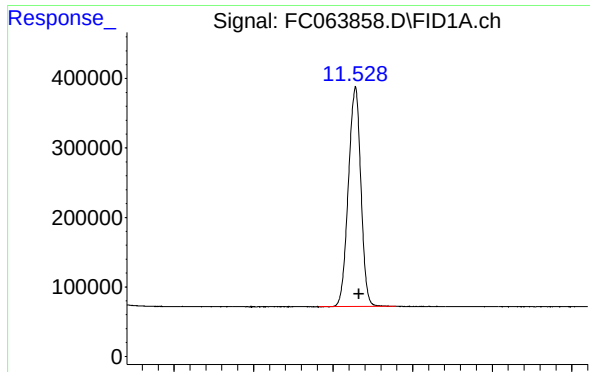
#7 n-Hexadecane (C16)

R.T.: 9.775 min  
Delta R.T.: -0.006 min  
Response: 3106988  
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

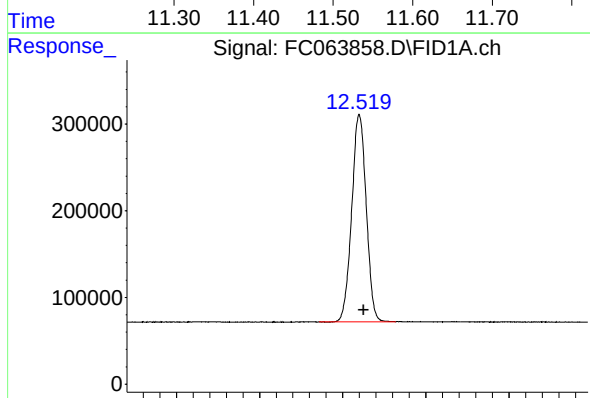
R.T.: 11.215 min  
Delta R.T.: -0.005 min  
Response: 3073483  
Conc: 19.42 ug/ml



#9 ortho-Terphenyl (SURR)

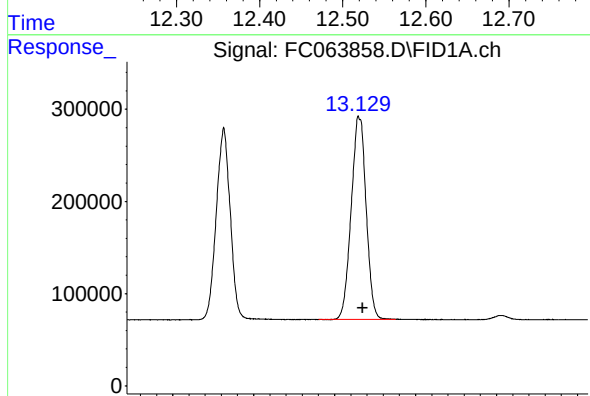
R.T.: 11.528 min  
Delta R.T.: -0.005 min  
Response: 3457108  
Conc: 18.94 ug/ml

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



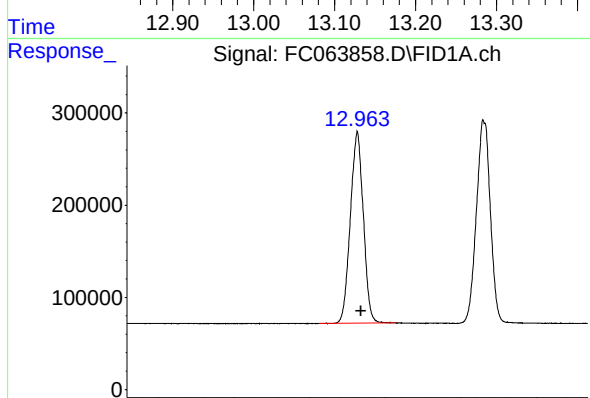
#10 n-Eicosane (C20)

R.T.: 12.520 min  
Delta R.T.: -0.005 min  
Response: 2896413  
Conc: 19.58 ug/ml



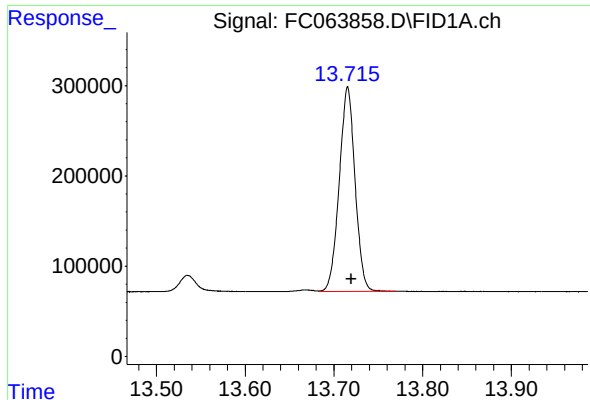
#11 n-Heneicosane (C21)

R.T.: 13.130 min  
Delta R.T.: -0.004 min  
Response: 2816207  
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

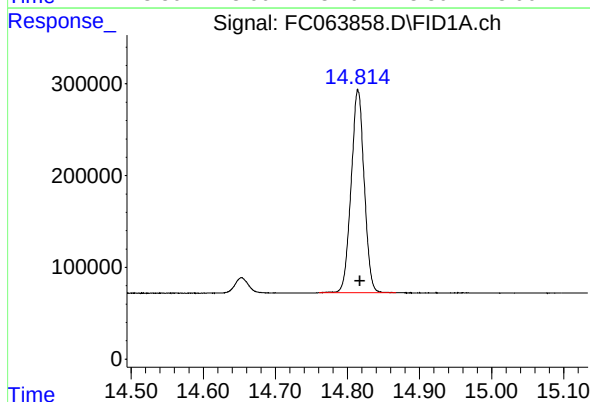
R.T.: 12.963 min  
Delta R.T.: -0.005 min  
Response: 2478089  
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

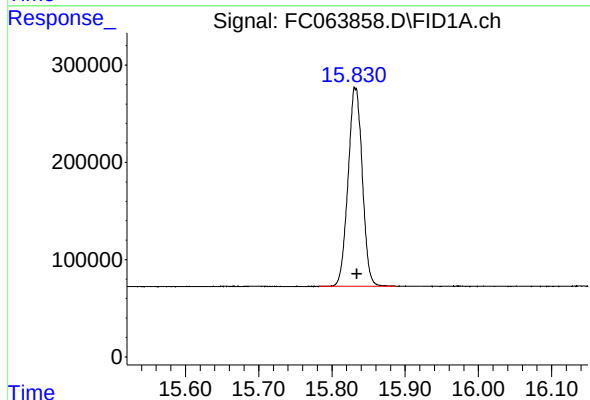
R.T.: 13.716 min  
Delta R.T.: -0.004 min  
Response: 2799817  
Conc: 19.87 ug/ml

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



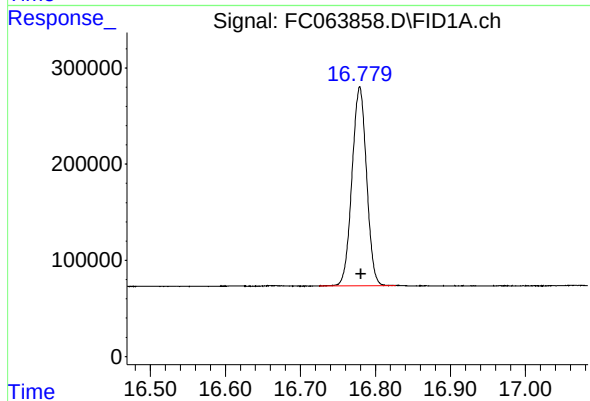
#14 n-Tetracosane (C24)

R.T.: 14.815 min  
Delta R.T.: -0.003 min  
Response: 2784270  
Conc: 20.29 ug/ml



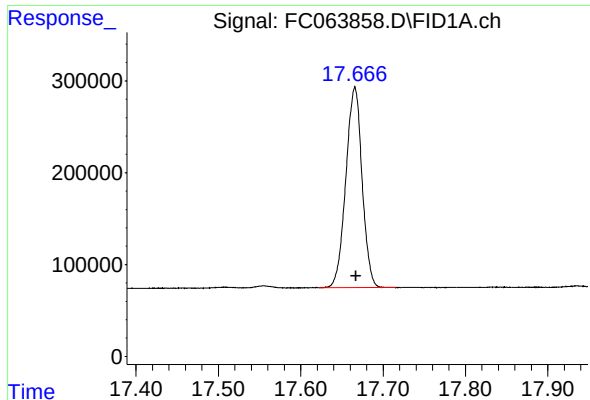
#15 n-Hexacosane (C26)

R.T.: 15.832 min  
Delta R.T.: -0.002 min  
Response: 2760723  
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

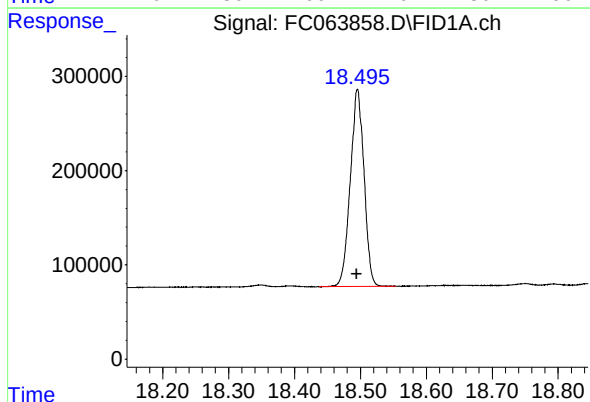
R.T.: 16.779 min  
Delta R.T.: -0.002 min  
Response: 2786242  
Conc: 21.94 ug/ml



#17 n-Tricontane (C30)

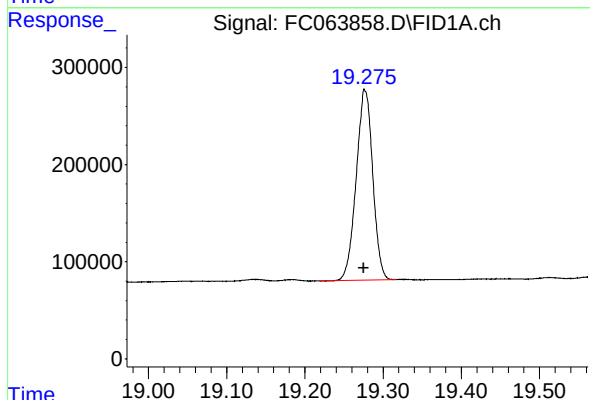
R.T.: 17.666 min  
Delta R.T.: -0.001 min  
Response: 2989544  
Conc: 23.40 ug/ml

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



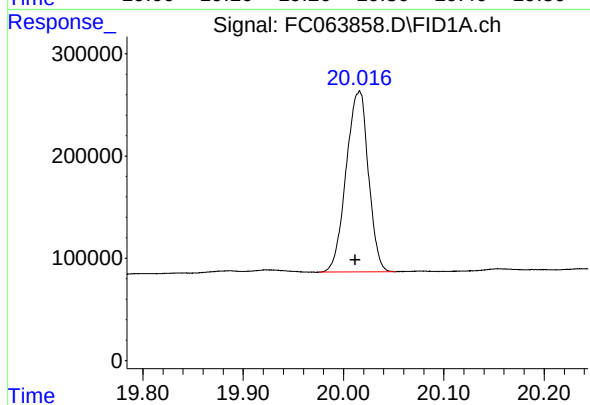
#18 n-Dotriacontane (C32)

R.T.: 18.496 min  
Delta R.T.: 0.002 min  
Response: 3029272  
Conc: 24.34 ug/ml



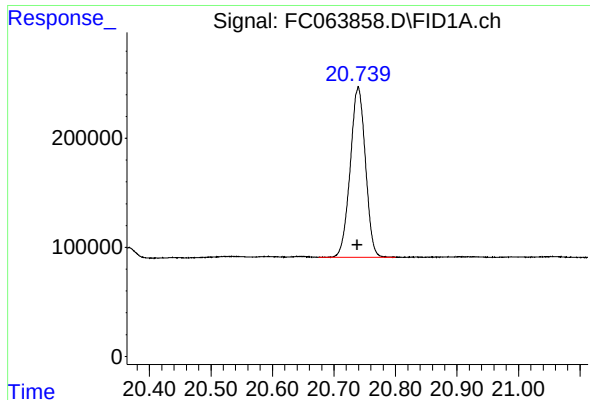
#19 n-Tetatriacontane (C34)

R.T.: 19.277 min  
Delta R.T.: 0.002 min  
Response: 2881553  
Conc: 23.37 ug/ml



#20 n-Hexatriacontane (C36)

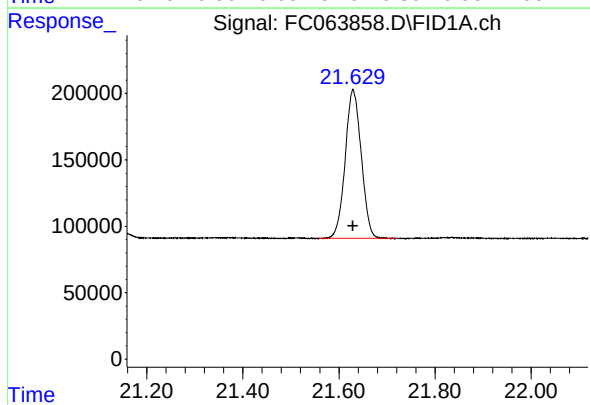
R.T.: 20.016 min  
Delta R.T.: 0.004 min  
Response: 2720817  
Conc: 22.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min  
Delta R.T.: 0.002 min  
Response: 2679539  
Conc: 22.19 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.629 min  
Delta R.T.: 0.000 min  
Response: 2598941  
Conc: 21.45 ug/ml