

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102823AL\  
 Data File : FC064940.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Oct 2023 19:12  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Oct 28 02:10:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102823.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 28 02:05:03 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

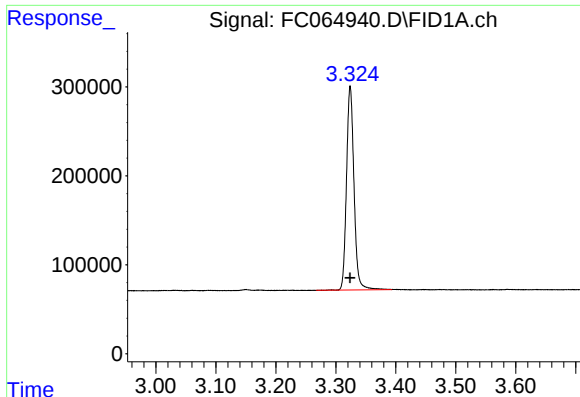
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.522 | 2340740    | 10.836 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.67%       |
| 12) S 1-chlorooctadecane (S... | 12.954 | 1681718    | 10.745 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.49%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.324  | 1985919    | 10.721 ug/ml |
| 2) T n-Decane (C10)            | 4.383  | 1990388    | 10.657 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.964  | 1975397    | 10.150 ug/ml |
| 4) T n-Dodecane (C12)          | 6.391  | 2021191    | 10.676 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.017  | 1869858    | 9.983 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.179  | 1983322    | 10.669 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.772  | 1985112    | 10.652 ug/ml |
| 8) T n-Octadecane (C18)        | 11.208 | 2001714    | 10.781 ug/ml |
| 10) T n-Eicosane (C20)         | 12.511 | 1916080    | 10.831 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.120 | 1873834    | 10.858 ug/ml |
| 13) T n-Docosane (C22)         | 13.702 | 1831170    | 10.839 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.802 | 1770013    | 10.836 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.818 | 1715222    | 10.901 ug/ml |
| 16) T n-Octacosane (C28)       | 16.763 | 1671606    | 10.943 ug/ml |
| 17) T n-Tricontane (C30)       | 17.646 | 1695943    | 11.052 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.475 | 1685465    | 11.073 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.254 | 1636437    | 11.043 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.992 | 1618213    | 11.024 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.713 | 1591258    | 10.968 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.594 | 1570839    | 10.922 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

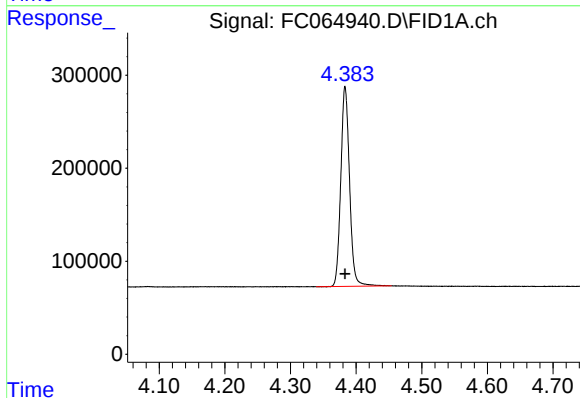




#1 n-Nonane (C9)

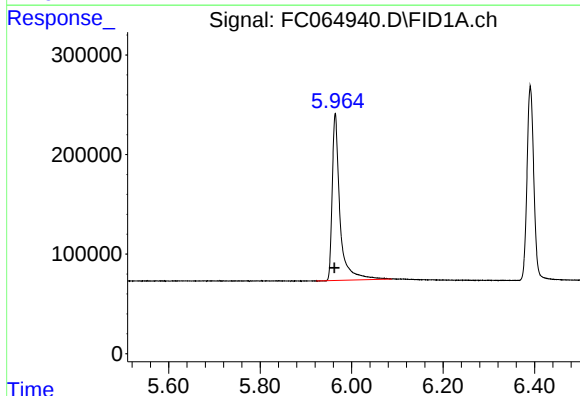
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 1985919  
Conc: 10.72 ug/ml

Instrument :  
FID\_C  
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10 PPM ALIPHATIC HC STD4



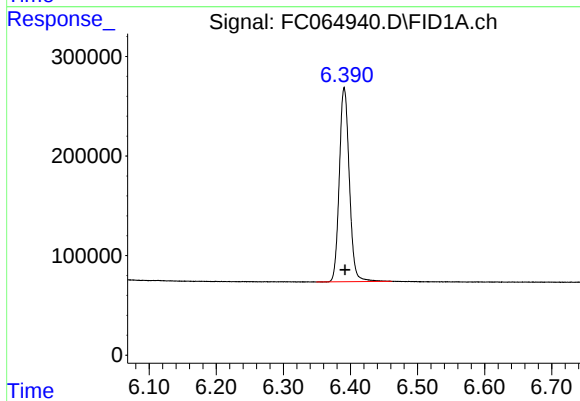
#2 n-Decane (C10)

R.T.: 4.383 min  
Delta R.T.: 0.000 min  
Response: 1990388  
Conc: 10.66 ug/ml



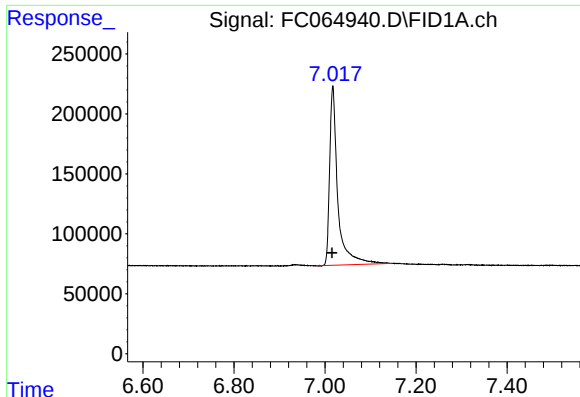
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min  
Delta R.T.: 0.002 min  
Response: 1975397  
Conc: 10.15 ug/ml



#4 n-Dodecane (C12)

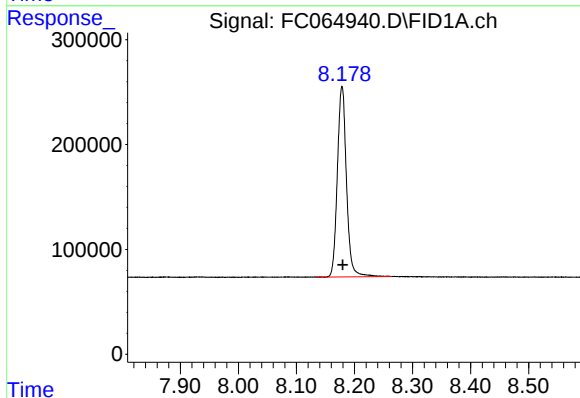
R.T.: 6.391 min  
Delta R.T.: 0.000 min  
Response: 2021191  
Conc: 10.68 ug/ml



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

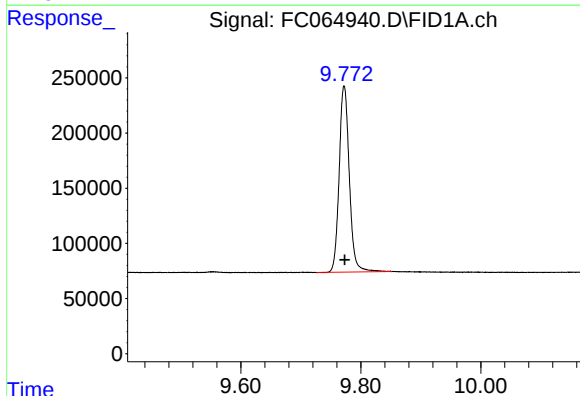
R.T.: 7.017 min  
Delta R.T.: 0.002 min  
Response: 1869858  
Conc: 9.98 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



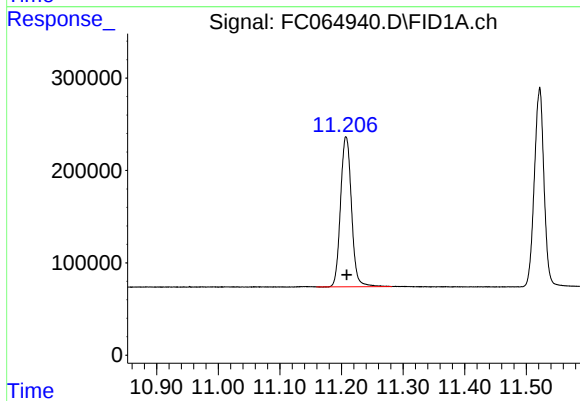
#6 n-Tetradecane (C14)

R.T.: 8.179 min  
Delta R.T.: -0.001 min  
Response: 1983322  
Conc: 10.67 ug/ml



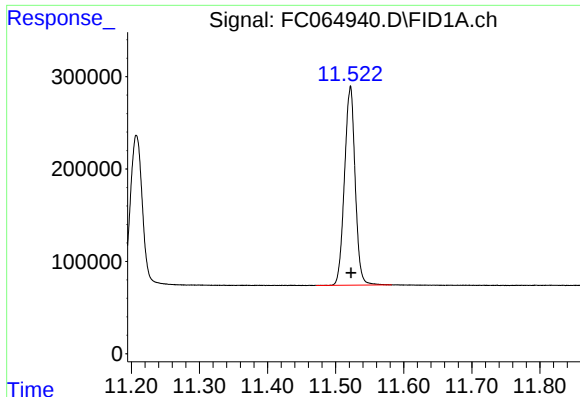
#7 n-Hexadecane (C16)

R.T.: 9.772 min  
Delta R.T.: 0.000 min  
Response: 1985112  
Conc: 10.65 ug/ml



#8 n-Octadecane (C18)

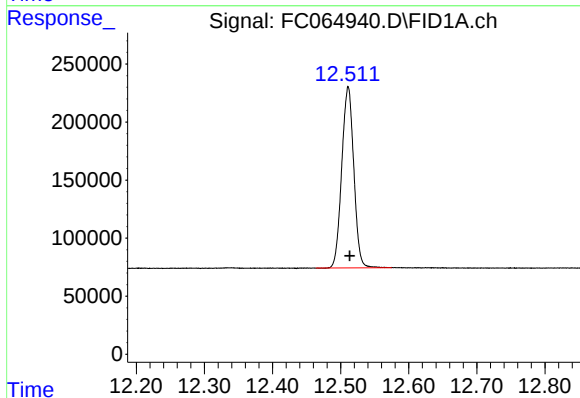
R.T.: 11.208 min  
Delta R.T.: 0.000 min  
Response: 2001714  
Conc: 10.78 ug/ml



#9 ortho-Terphenyl (SURR)

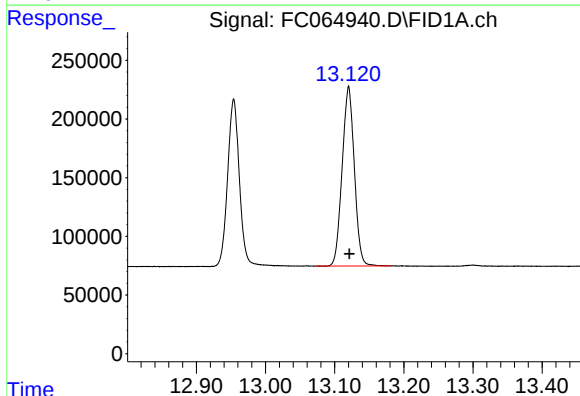
R.T.: 11.522 min  
Delta R.T.: 0.000 min  
Response: 2340740  
Conc: 10.84 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



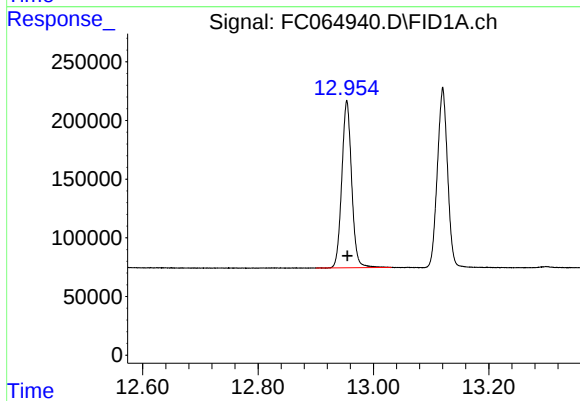
#10 n-Eicosane (C20)

R.T.: 12.511 min  
Delta R.T.: -0.002 min  
Response: 1916080  
Conc: 10.83 ug/ml



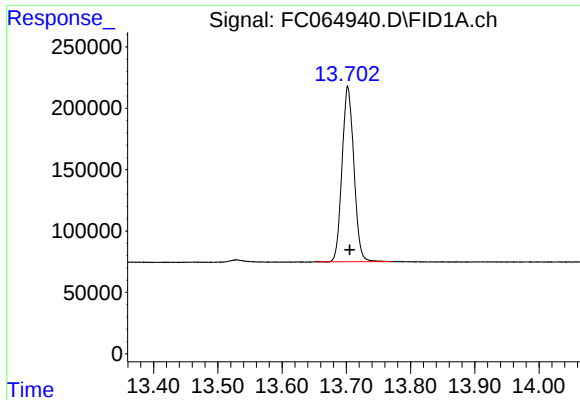
#11 n-Heneicosane (C21)

R.T.: 13.120 min  
Delta R.T.: -0.001 min  
Response: 1873834  
Conc: 10.86 ug/ml



#12 1-chlorooctadecane (SURR)

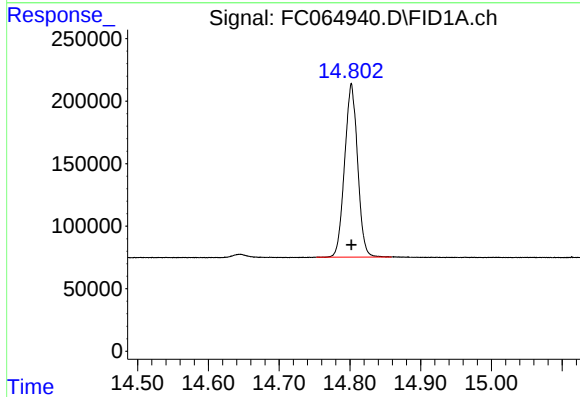
R.T.: 12.954 min  
Delta R.T.: 0.000 min  
Response: 1681718  
Conc: 10.74 ug/ml



#13 n-Docosane (C22)

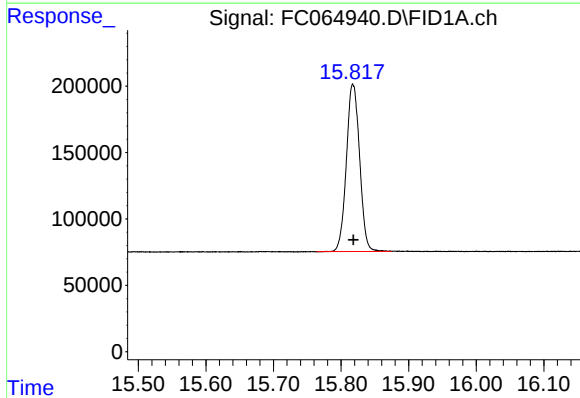
R.T.: 13.702 min  
Delta R.T.: -0.003 min  
Response: 1831170  
Conc: 10.84 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



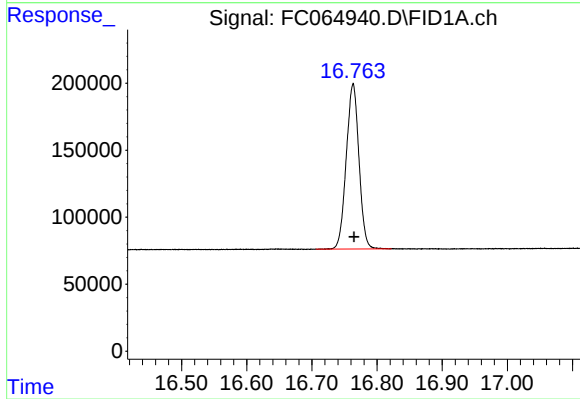
#14 n-Tetracosane (C24)

R.T.: 14.802 min  
Delta R.T.: 0.000 min  
Response: 1770013  
Conc: 10.84 ug/ml



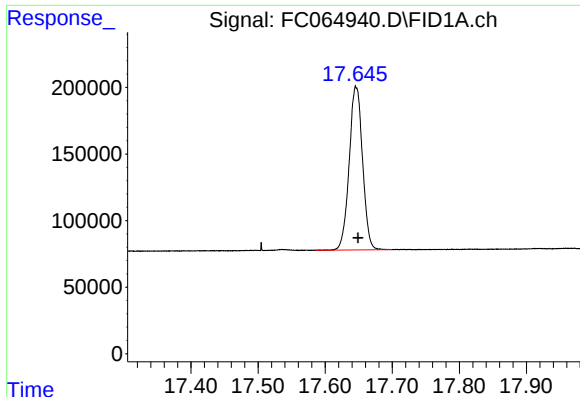
#15 n-Hexacosane (C26)

R.T.: 15.818 min  
Delta R.T.: -0.001 min  
Response: 1715222  
Conc: 10.90 ug/ml



#16 n-Octacosane (C28)

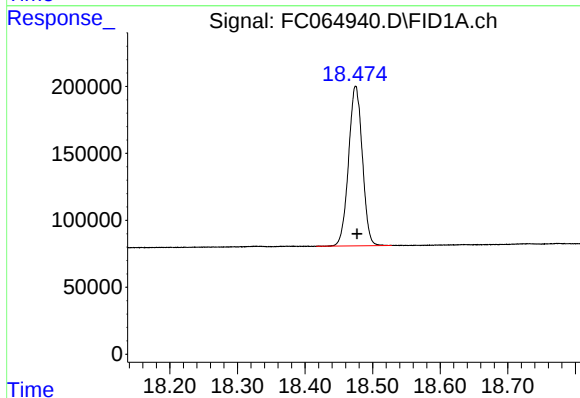
R.T.: 16.763 min  
Delta R.T.: -0.001 min  
Response: 1671606  
Conc: 10.94 ug/ml



#17 n-Tricontane (C30)

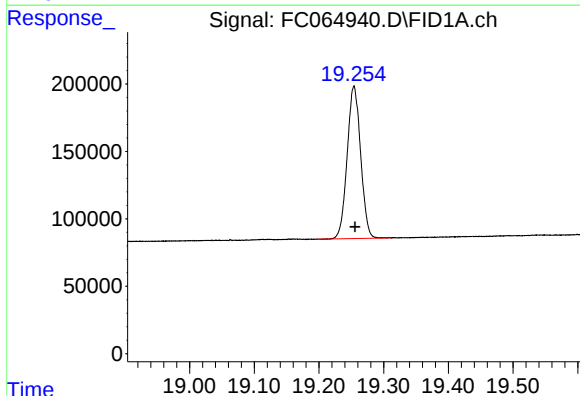
R.T.: 17.646 min  
Delta R.T.: -0.003 min  
Response: 1695943  
Conc: 11.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



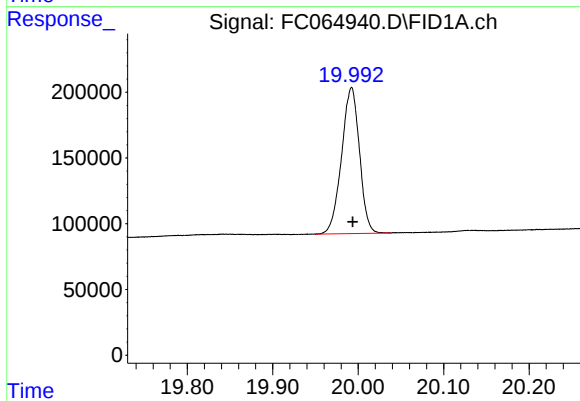
#18 n-Dotriacontane (C32)

R.T.: 18.475 min  
Delta R.T.: -0.002 min  
Response: 1685465  
Conc: 11.07 ug/ml



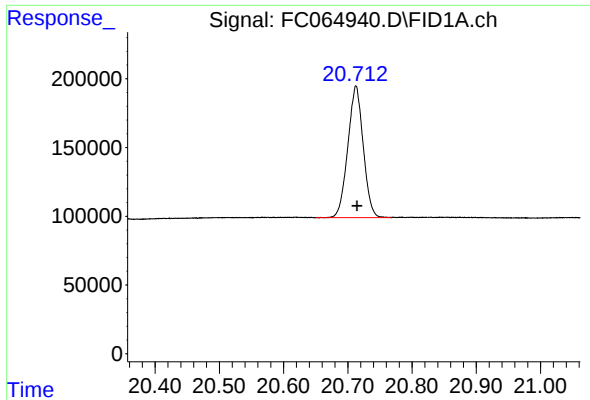
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min  
Delta R.T.: -0.002 min  
Response: 1636437  
Conc: 11.04 ug/ml



#20 n-Hexatriacontane (C36)

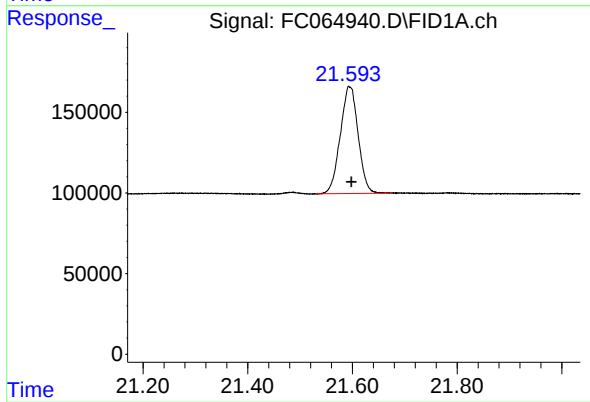
R.T.: 19.992 min  
Delta R.T.: -0.001 min  
Response: 1618213  
Conc: 11.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min  
Delta R.T.: -0.001 min  
Response: 1591258  
Conc: 10.97 ug/ml

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

R.T.: 21.594 min  
Delta R.T.: -0.004 min  
Response: 1570839  
Conc: 10.92 ug/ml