

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052125AL\  
 Data File : FC068959.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 May 2025 12:36  
 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: May 22 06:46:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050625.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 07 08:52:03 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)    | 11.706 | 2028332    | 17.771 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.54%       |
| 12) S 1-chlorooctadecane (S... | 13.139 | 1457224    | 18.164 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.33%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.441  | 1808135    | 17.977 ug/ml |
| 2) T n-Decane (C10)            | 4.516  | 1814255    | 18.208 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.112  | 1969580    | 17.863 ug/ml |
| 4) T n-Dodecane (C12)          | 6.540  | 1781117    | 18.328 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.170  | 1922527    | 17.912 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.337  | 1698571    | 18.378 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.940  | 1649972    | 18.426 ug/ml |
| 8) T n-Octadecane (C18)        | 11.383 | 1606000    | 18.309 ug/ml |
| 10) T n-Eicosane (C20)         | 12.693 | 1559737    | 18.303 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.305 | 1542171    | 18.284 ug/ml |
| 13) T n-Docosane (C22)         | 13.891 | 1533216    | 18.327 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.995 | 1529152    | 18.378 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.016 | 1525430    | 18.411 ug/ml |
| 16) T n-Octacosane (C28)       | 16.967 | 1543089    | 18.671 ug/ml |
| 17) T n-Tricontane (C30)       | 17.854 | 1617185    | 19.113 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.688 | 1649266    | 19.147 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.472 | 1586302    | 18.619 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.213 | 1549994    | 18.034 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.986 | 1489991    | 17.763 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.958 | 1453459    | 17.735 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

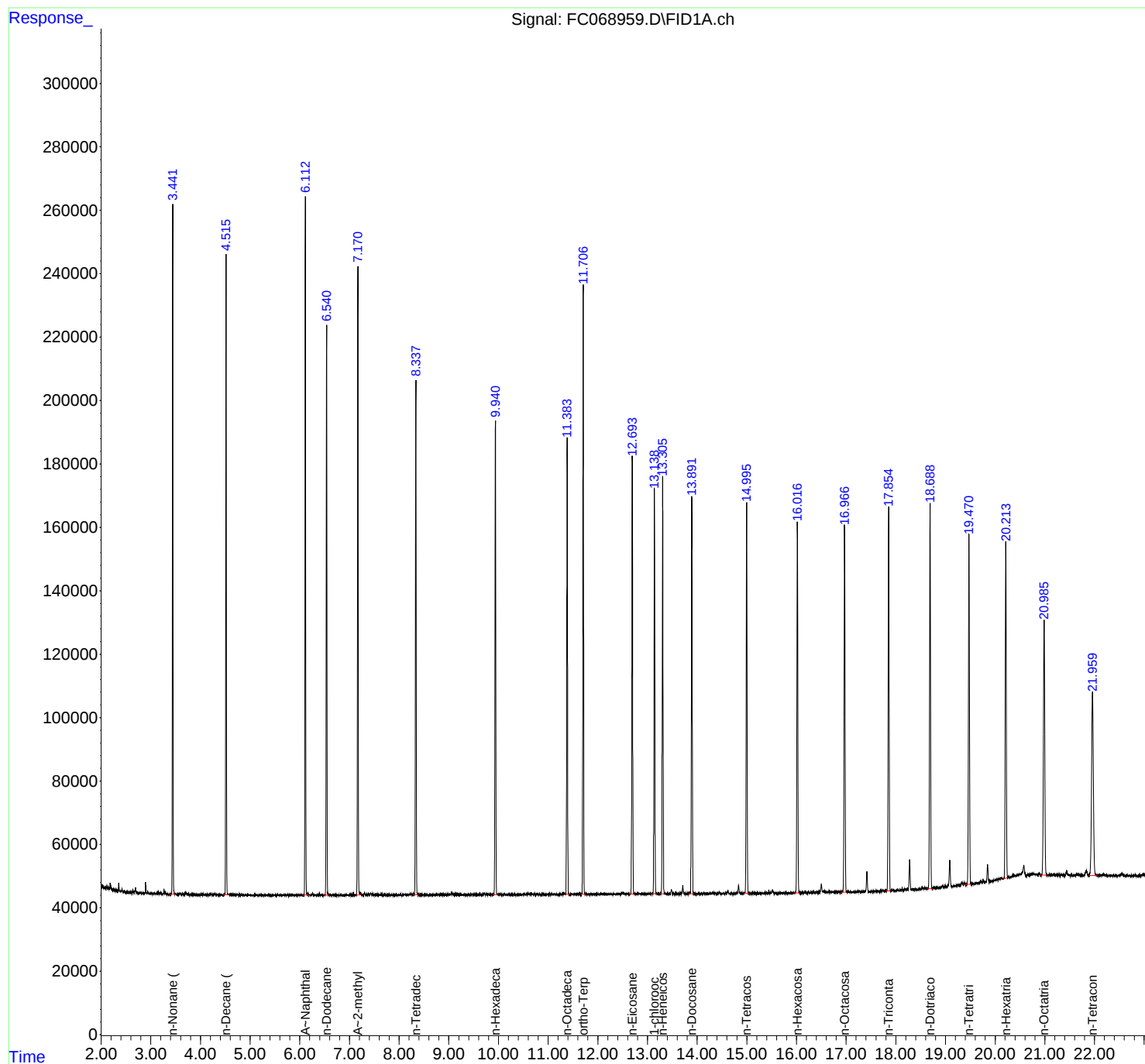
(m)=manual int.

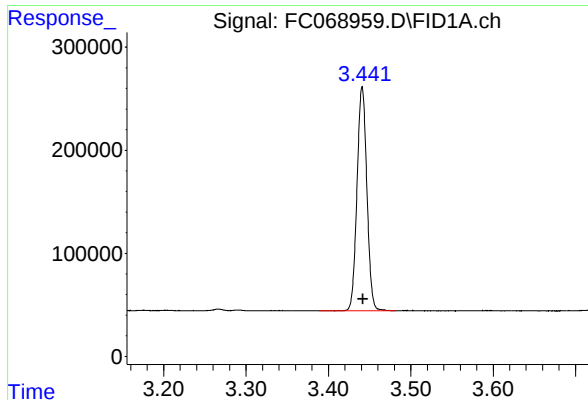
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052125AL\  
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Volume Inj. : 1 ul  
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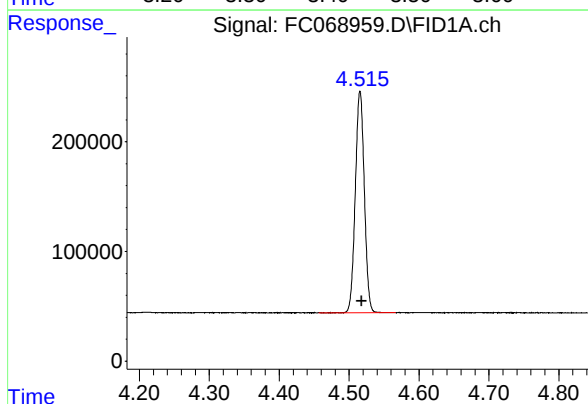




#1 n-Nonane (C9)

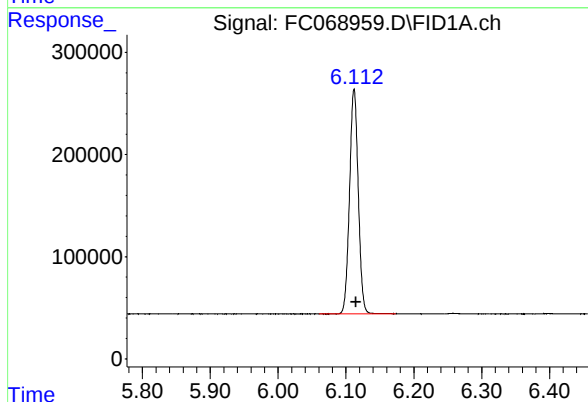
R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 1808135  
Conc: 17.98 ug/ml

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



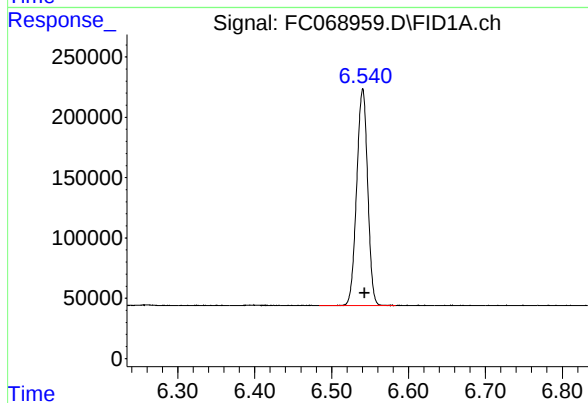
#2 n-Decane (C10)

R.T.: 4.516 min  
Delta R.T.: -0.002 min  
Response: 1814255  
Conc: 18.21 ug/ml



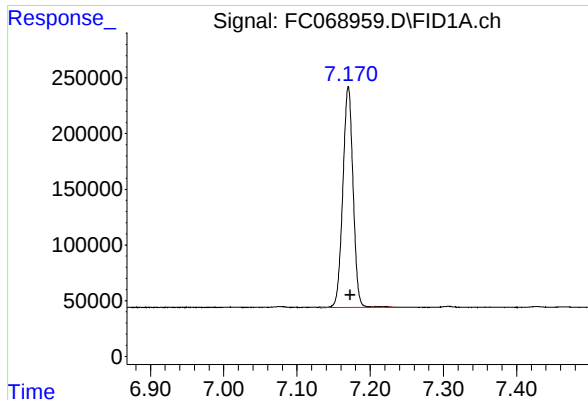
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min  
Delta R.T.: -0.003 min  
Response: 1969580  
Conc: 17.86 ug/ml



#4 n-Dodecane (C12)

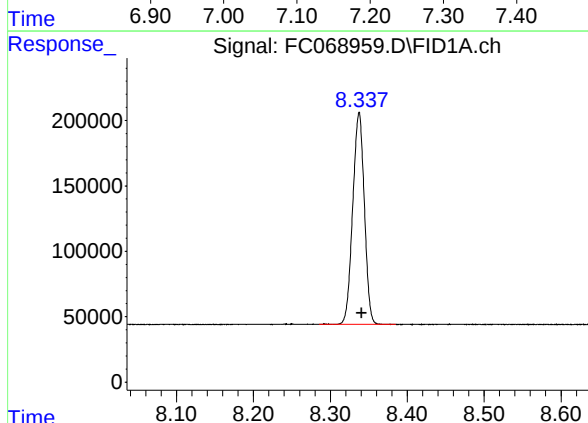
R.T.: 6.540 min  
Delta R.T.: -0.003 min  
Response: 1781117  
Conc: 18.33 ug/ml



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

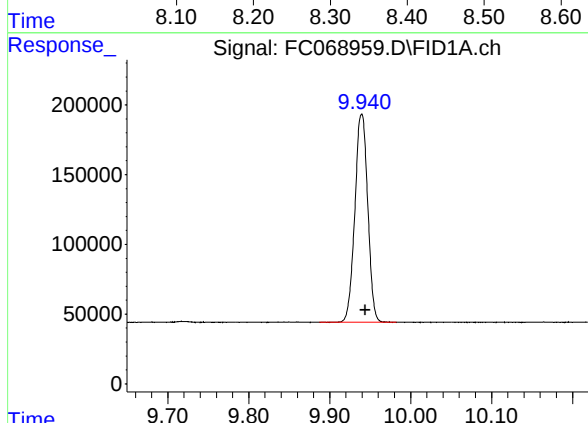
R.T.: 7.170 min  
Delta R.T.: -0.003 min  
Response: 1922527  
Conc: 17.91 ug/ml

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



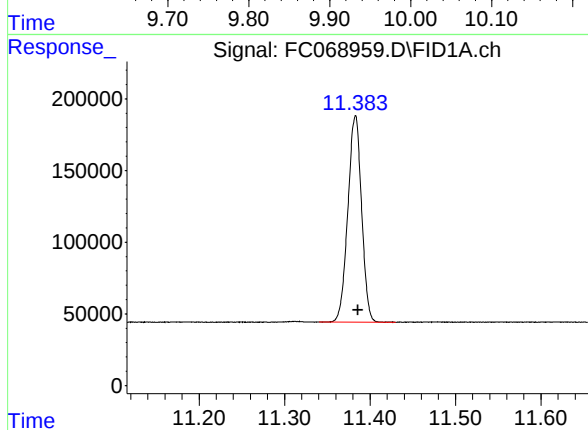
#6 n-Tetradecane (C14)

R.T.: 8.337 min  
Delta R.T.: -0.003 min  
Response: 1698571  
Conc: 18.38 ug/ml



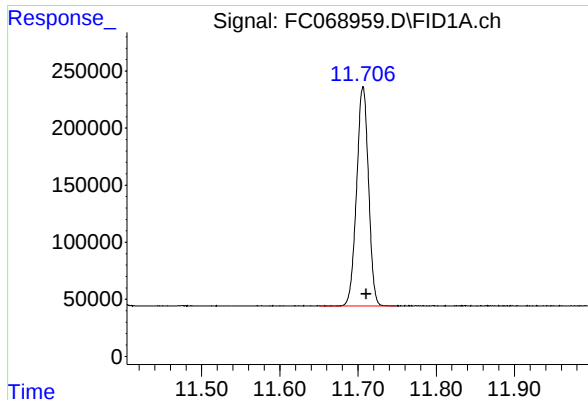
#7 n-Hexadecane (C16)

R.T.: 9.940 min  
Delta R.T.: -0.004 min  
Response: 1649972  
Conc: 18.43 ug/ml



#8 n-Octadecane (C18)

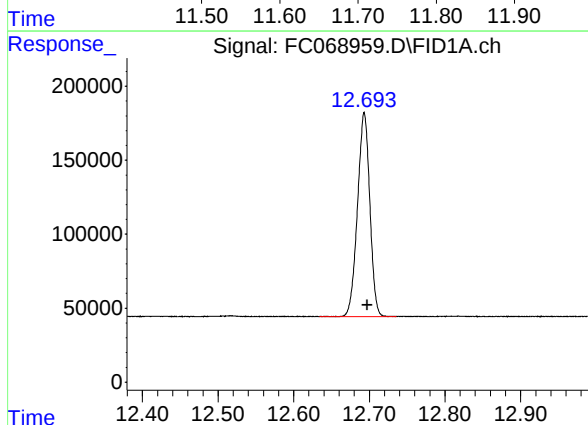
R.T.: 11.383 min  
Delta R.T.: -0.004 min  
Response: 1606000  
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

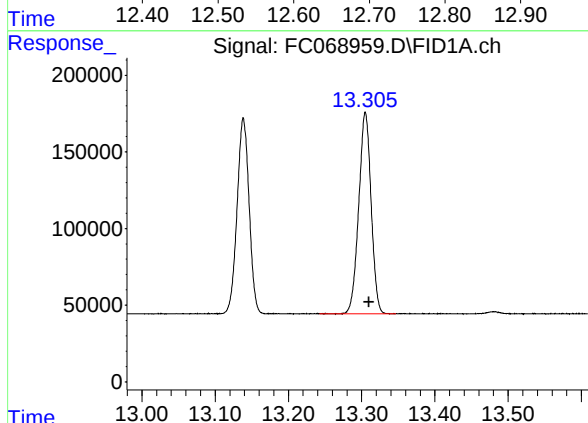
R.T.: 11.706 min  
Delta R.T.: -0.005 min  
Response: 2028332  
Conc: 17.77 ug/ml

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



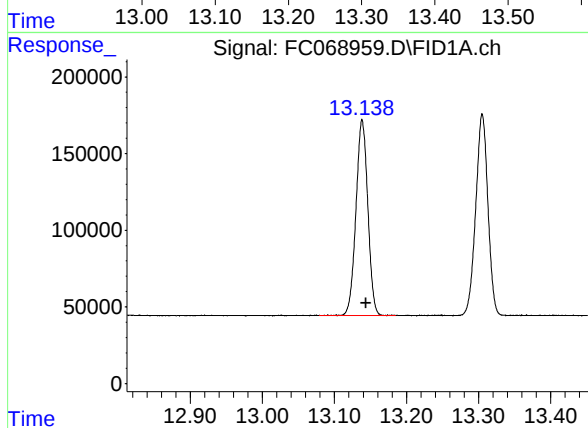
#10 n-Eicosane (C20)

R.T.: 12.693 min  
Delta R.T.: -0.004 min  
Response: 1559737  
Conc: 18.30 ug/ml



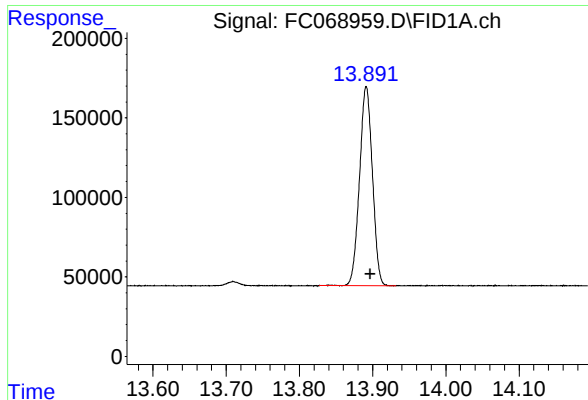
#11 n-Heneicosane (C21)

R.T.: 13.305 min  
Delta R.T.: -0.005 min  
Response: 1542171  
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

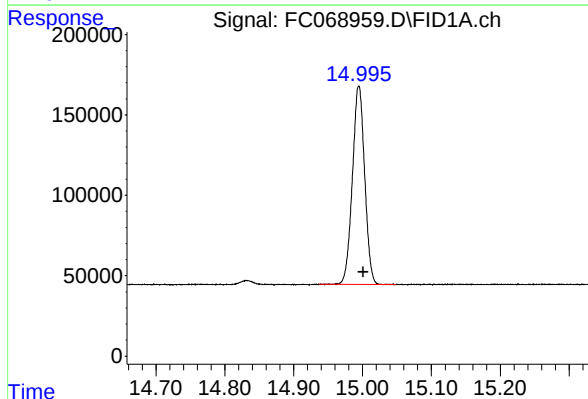
R.T.: 13.139 min  
Delta R.T.: -0.005 min  
Response: 1457224  
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

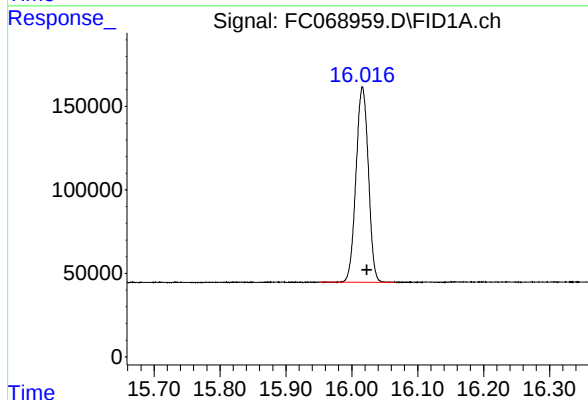
R.T.: 13.891 min  
Delta R.T.: -0.005 min  
Response: 1533216  
Conc: 18.33 ug/ml

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



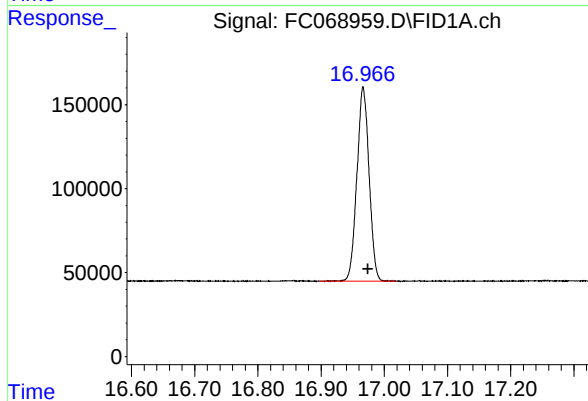
#14 n-Tetracosane (C24)

R.T.: 14.995 min  
Delta R.T.: -0.006 min  
Response: 1529152  
Conc: 18.38 ug/ml



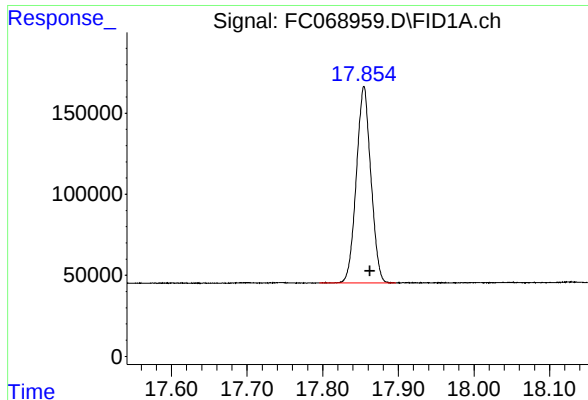
#15 n-Hexacosane (C26)

R.T.: 16.016 min  
Delta R.T.: -0.007 min  
Response: 1525430  
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

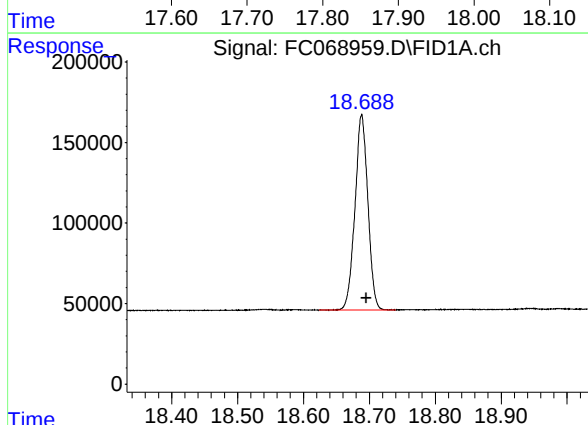
R.T.: 16.967 min  
Delta R.T.: -0.007 min  
Response: 1543089  
Conc: 18.67 ug/ml



#17 n-Tricontane (C30)

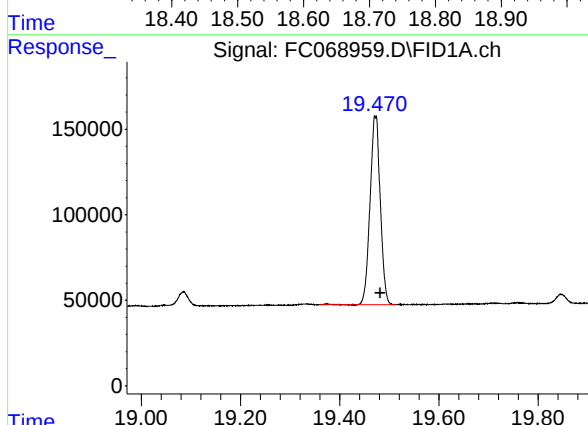
R.T.: 17.854 min  
Delta R.T.: -0.008 min  
Response: 1617185  
Conc: 19.11 ug/ml

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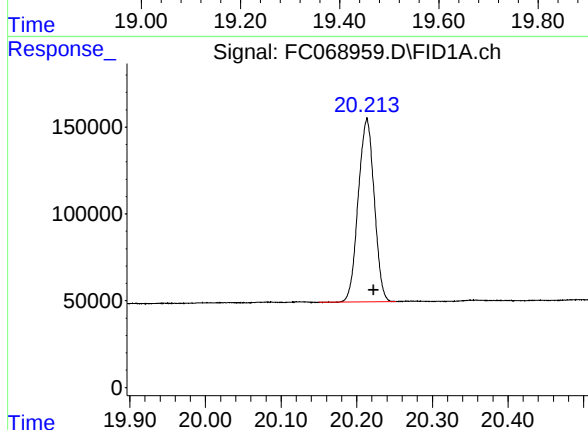
#18 n-Dotriacontane (C32)

R.T.: 18.688 min  
Delta R.T.: -0.007 min  
Response: 1649266  
Conc: 19.15 ug/ml



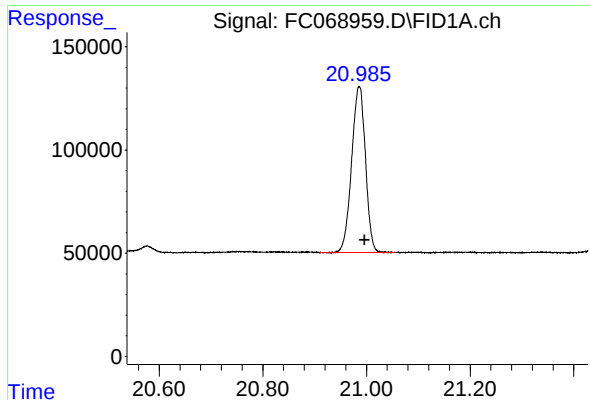
#19 n-Tetratriacontane (C34)

R.T.: 19.472 min  
Delta R.T.: -0.010 min  
Response: 1586302  
Conc: 18.62 ug/ml



#20 n-Hexatriacontane (C36)

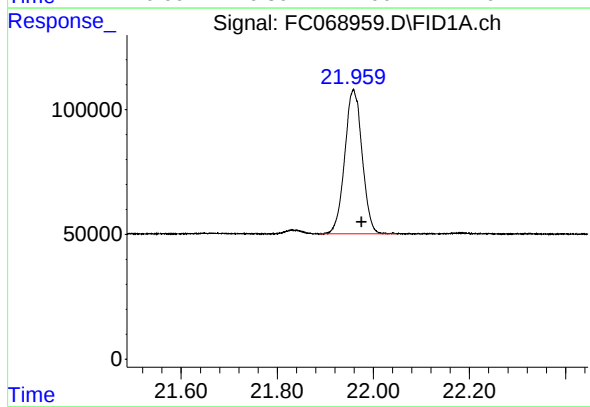
R.T.: 20.213 min  
Delta R.T.: -0.009 min  
Response: 1549994  
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min  
Delta R.T.: -0.010 min  
Response: 1489991  
Conc: 17.76 ug/ml

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

R.T.: 21.958 min  
Delta R.T.: -0.017 min  
Response: 1453459  
Conc: 17.73 ug/ml