

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG061325AL\  
 Data File : FG016075.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Jun 2025 16:02  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Jun 16 06:42:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 061325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 16 06:39:56 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)    | 12.089 | 705923     | 5.619 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.24%      |
| 12) S 1-chlorooctadecane (S... | 13.532 | 550881     | 5.616 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.23%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.422  | 595428     | 5.642 ug/ml |
| 2) T n-Decane (C10)            | 4.680  | 602565     | 5.629 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.396  | 656045     | 5.621 ug/ml |
| 4) T n-Dodecane (C12)          | 6.857  | 603165     | 5.618 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.497  | 638058     | 5.621 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.696  | 604003     | 5.654 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.313 | 622758     | 5.619 ug/ml |
| 8) T n-Octadecane (C18)        | 11.766 | 638246     | 5.641 ug/ml |
| 10) T n-Eicosane (C20)         | 13.084 | 621489     | 5.614 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.701 | 620307     | 5.634 ug/ml |
| 13) T n-Docosane (C22)         | 14.290 | 622270     | 5.627 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.400 | 632301     | 5.627 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.427 | 632980     | 5.633 ug/ml |
| 16) T n-Octacosane (C28)       | 17.382 | 626234     | 5.649 ug/ml |
| 17) T n-Tricontane (C30)       | 18.273 | 640242     | 5.707 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.110 | 615463     | 5.743 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.897 | 558031     | 5.728 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.640 | 476929     | 5.693 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.428 | 423048     | 5.682 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.431 | 380088     | 5.561 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

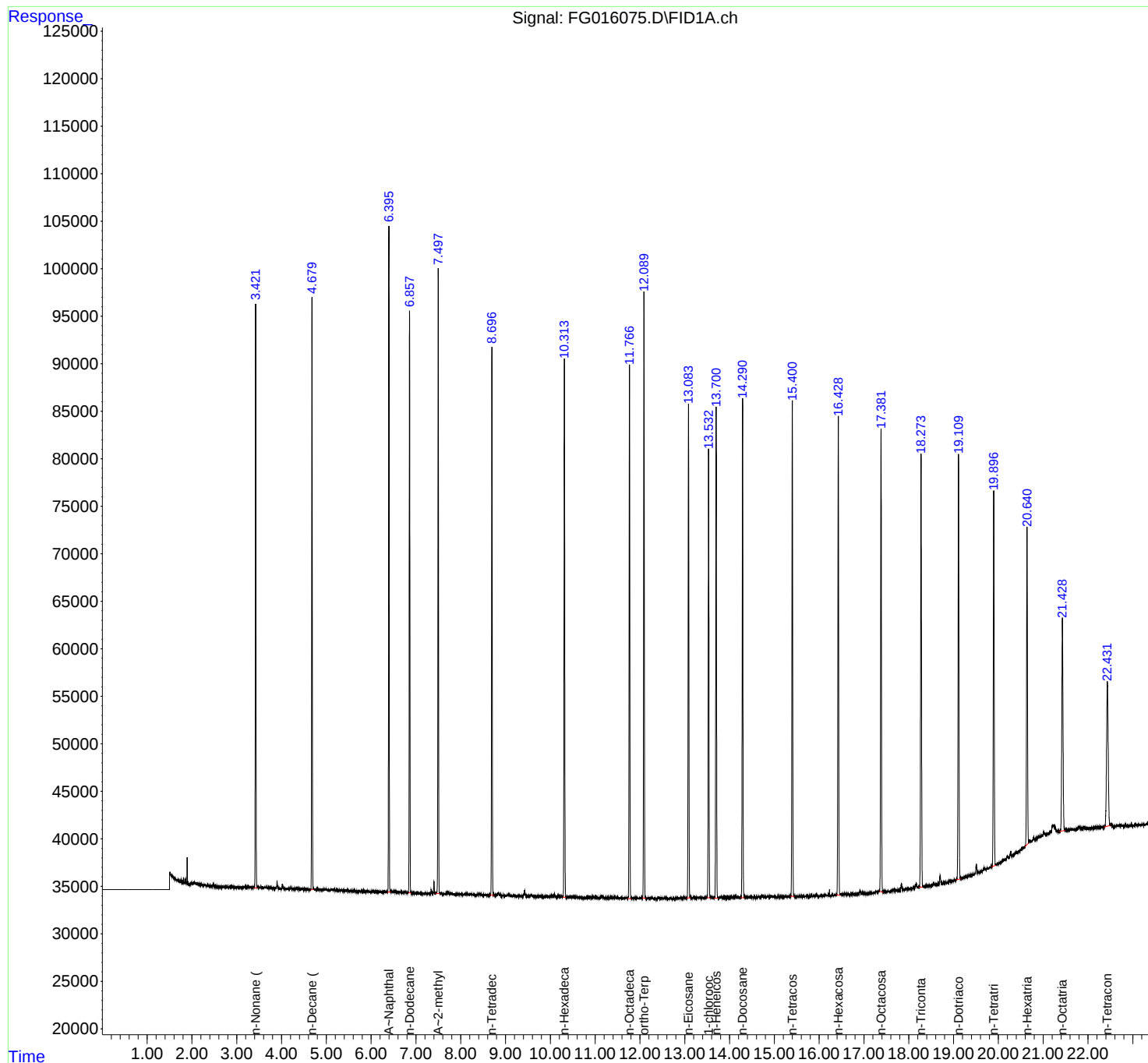
(m)=manual int.

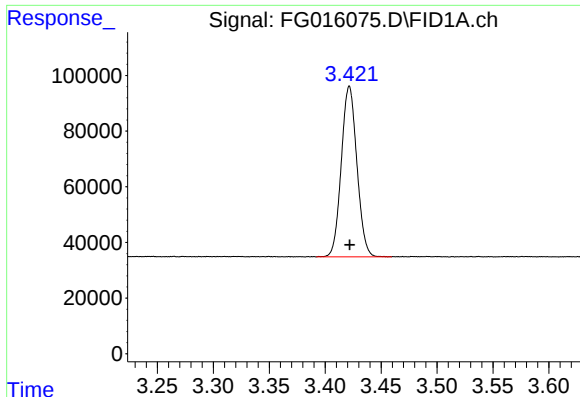
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG061325AL\  
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Signal(s) : FID1A.ch  
Acq On : 13 Jun 2025 16:02  
Operator : YP\AJ  
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Misc :  
ALS Vial : 25 Sample Multiplier: 1

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

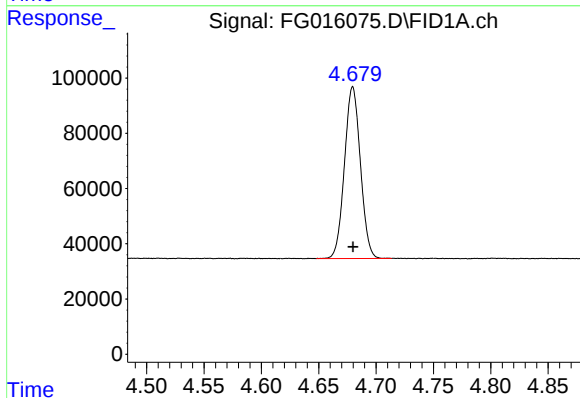




#1 n-Nonane (C9)

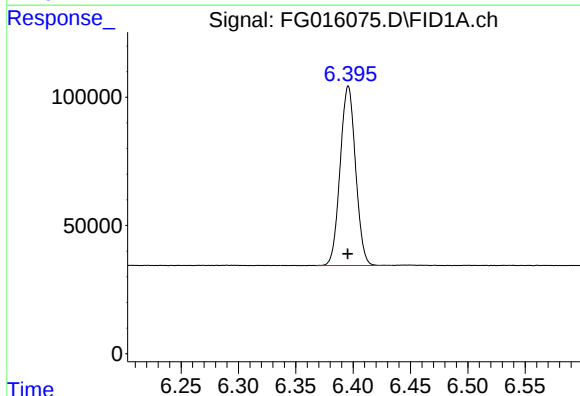
R.T.: 3.422 min  
Delta R.T.: 0.000 min  
Response: 595428  
Conc: 5.64 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



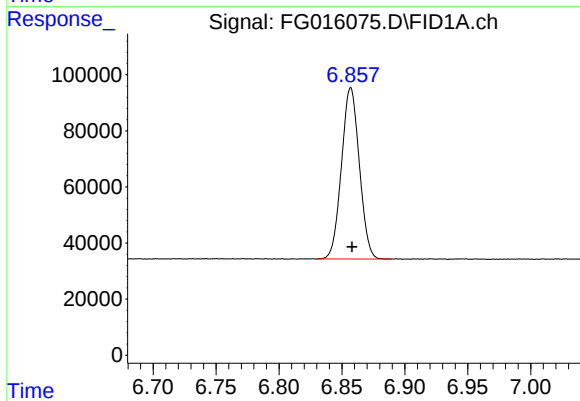
#2 n-Decane (C10)

R.T.: 4.680 min  
Delta R.T.: 0.000 min  
Response: 602565  
Conc: 5.63 ug/ml



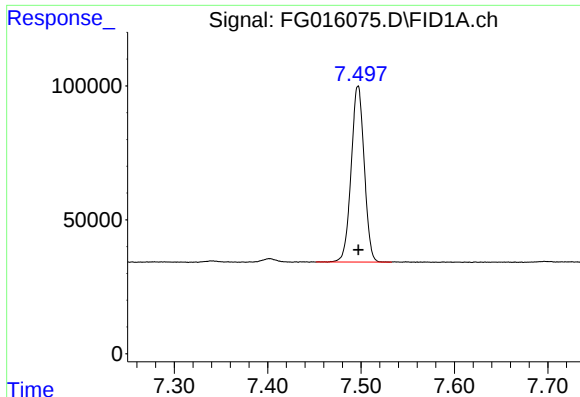
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 656045  
Conc: 5.62 ug/ml



#4 n-Dodecane (C12)

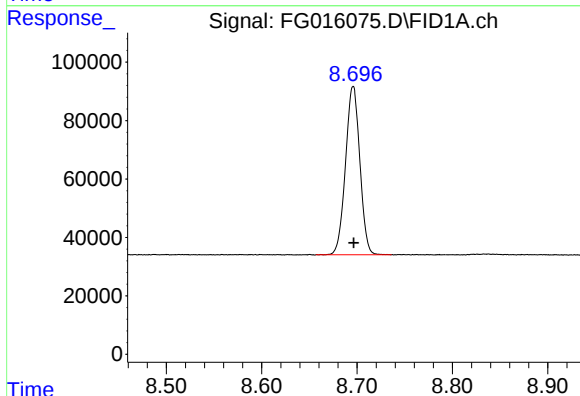
R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 603165  
Conc: 5.62 ug/ml



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

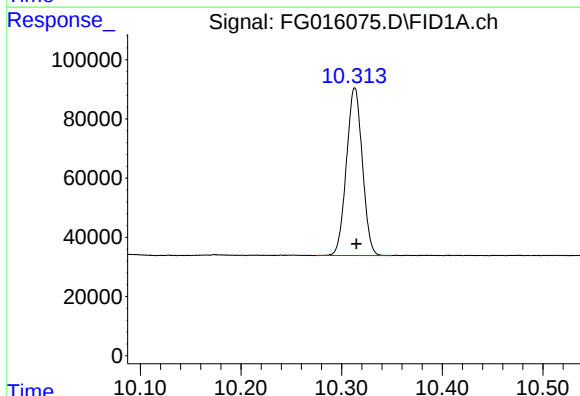
R.T.: 7.497 min  
Delta R.T.: 0.000 min  
Response: 638058  
Conc: 5.62 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



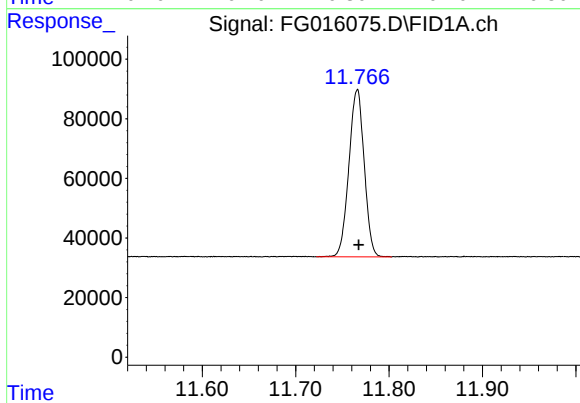
#6 n-Tetradecane (C14)

R.T.: 8.696 min  
Delta R.T.: 0.000 min  
Response: 604003  
Conc: 5.65 ug/ml



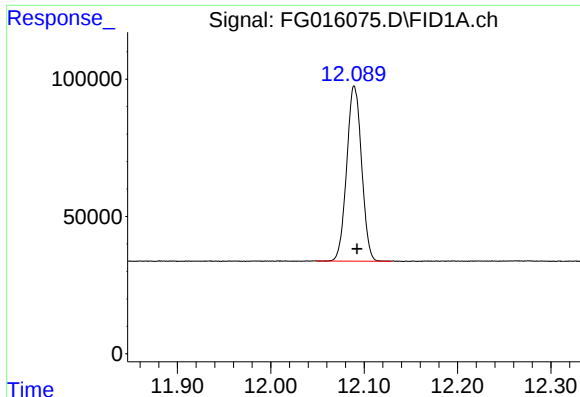
#7 n-Hexadecane (C16)

R.T.: 10.313 min  
Delta R.T.: -0.001 min  
Response: 622758  
Conc: 5.62 ug/ml



#8 n-Octadecane (C18)

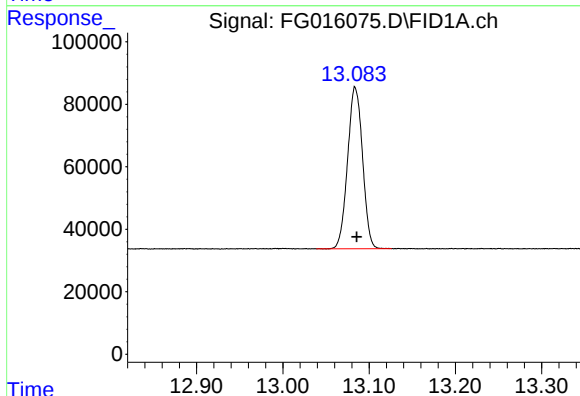
R.T.: 11.766 min  
Delta R.T.: -0.001 min  
Response: 638246  
Conc: 5.64 ug/ml



#9 ortho-Terphenyl (SURR)

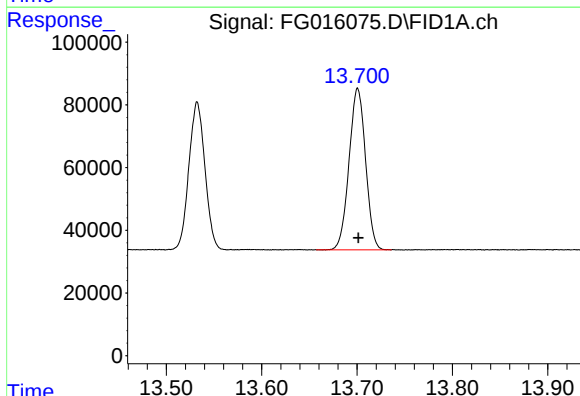
R.T.: 12.089 min  
Delta R.T.: -0.003 min  
Response: 705923  
Conc: 5.62 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



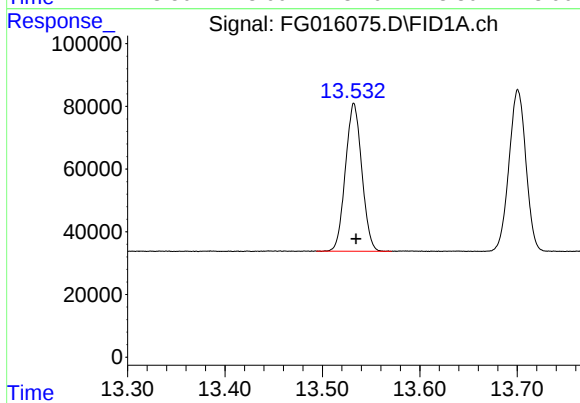
#10 n-Eicosane (C20)

R.T.: 13.084 min  
Delta R.T.: -0.002 min  
Response: 621489  
Conc: 5.61 ug/ml



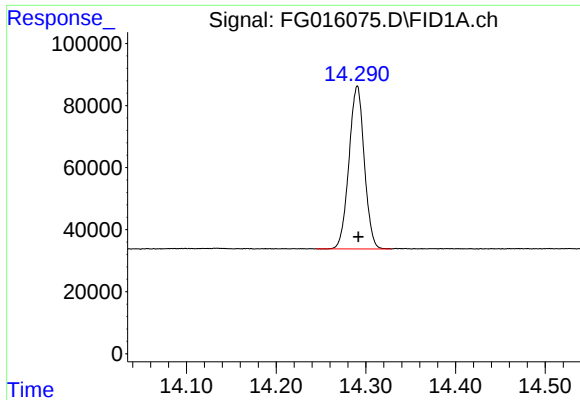
#11 n-Heneicosane (C21)

R.T.: 13.701 min  
Delta R.T.: 0.000 min  
Response: 620307  
Conc: 5.63 ug/ml



#12 1-chlorooctadecane (SURR)

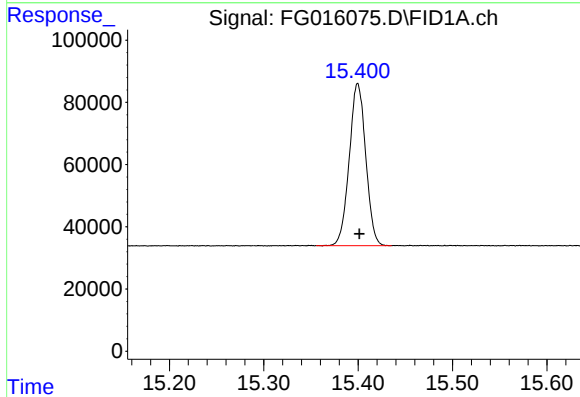
R.T.: 13.532 min  
Delta R.T.: -0.002 min  
Response: 550881  
Conc: 5.62 ug/ml



#13 n-Docosane (C22)

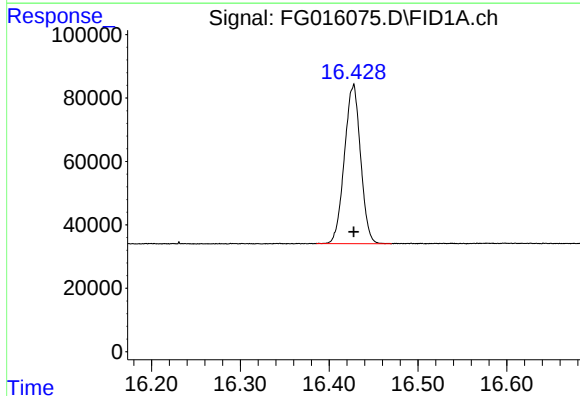
R.T.: 14.290 min  
Delta R.T.: -0.001 min  
Response: 622270  
Conc: 5.63 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



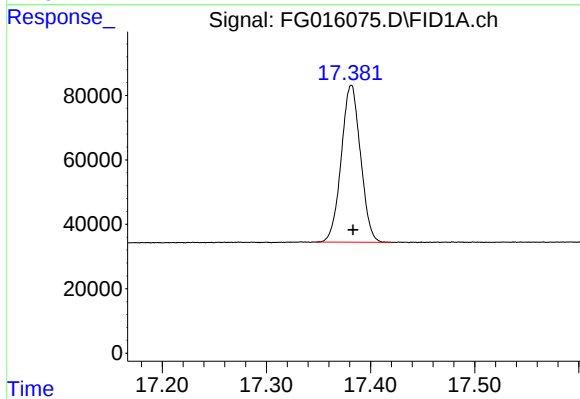
#14 n-Tetracosane (C24)

R.T.: 15.400 min  
Delta R.T.: -0.002 min  
Response: 632301  
Conc: 5.63 ug/ml



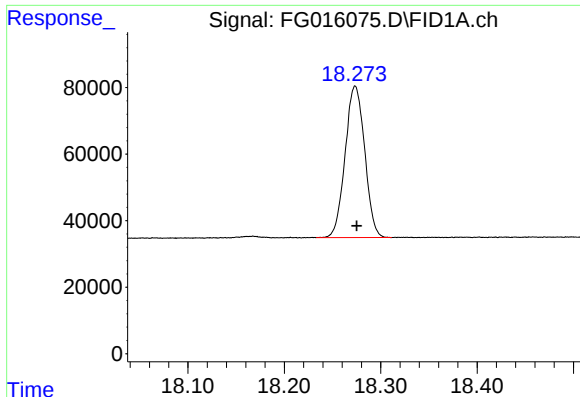
#15 n-Hexacosane (C26)

R.T.: 16.427 min  
Delta R.T.: 0.000 min  
Response: 632980  
Conc: 5.63 ug/ml



#16 n-Octacosane (C28)

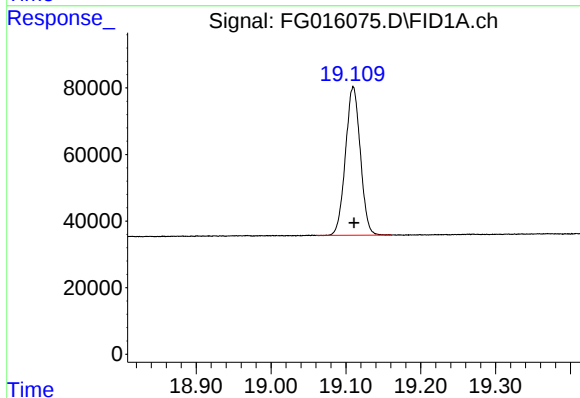
R.T.: 17.382 min  
Delta R.T.: -0.002 min  
Response: 626234  
Conc: 5.65 ug/ml



#17 n-Tricontane (C30)

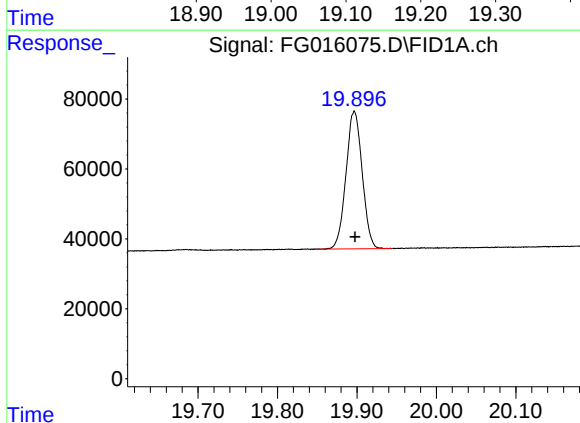
R.T.: 18.273 min  
Delta R.T.: -0.002 min  
Response: 640242  
Conc: 5.71 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



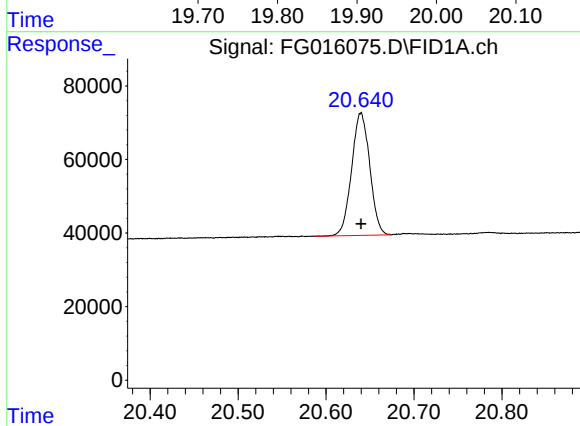
#18 n-Dotriacontane (C32)

R.T.: 19.110 min  
Delta R.T.: -0.001 min  
Response: 615463  
Conc: 5.74 ug/ml



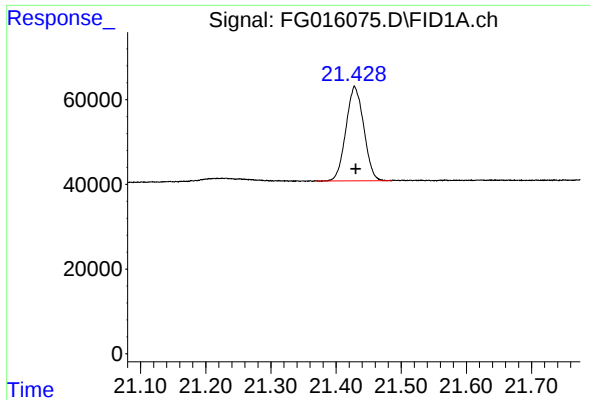
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min  
Delta R.T.: 0.000 min  
Response: 558031  
Conc: 5.73 ug/ml



#20 n-Hexatriacontane (C36)

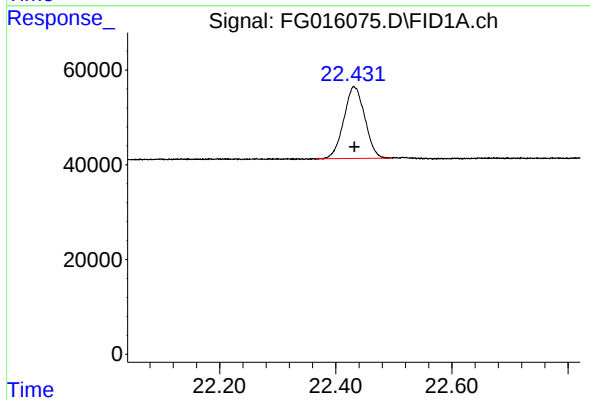
R.T.: 20.640 min  
Delta R.T.: 0.000 min  
Response: 476929  
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.428 min  
Delta R.T.: -0.002 min  
Response: 423048  
Conc: 5.68 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.431 min  
Delta R.T.: 0.000 min  
Response: 380088  
Conc: 5.56 ug/ml