

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081424AL\  
 Data File : FE049590.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Aug 2024 10:36  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 14 11:04:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 10:31:56 2024  
 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)    | 11.886 | 848079     | 5.309 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.62%      |
| 12) S 1-chlorooctadecane (S... | 13.322 | 622280     | 5.126 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.25%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.278  | 818471     | 5.366 ug/ml |
| 2) T n-Decane (C10)            | 4.528  | 826984     | 5.301 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.236  | 800903     | 4.989 ug/ml |
| 4) T n-Dodecane (C12)          | 6.694  | 819242     | 5.267 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.331  | 729161     | 4.837 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.521  | 810689     | 5.318 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.128 | 812136     | 5.252 ug/ml |
| 8) T n-Octadecane (C18)        | 11.569 | 821445     | 5.291 ug/ml |
| 10) T n-Eicosane (C20)         | 12.877 | 785569     | 5.331 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.488 | 764365     | 5.266 ug/ml |
| 13) T n-Docosane (C22)         | 14.073 | 766828     | 5.331 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.174 | 770371     | 5.375 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.194 | 761846     | 5.353 ug/ml |
| 16) T n-Octacosane (C28)       | 17.142 | 769397     | 5.434 ug/ml |
| 17) T n-Tricontane (C30)       | 18.029 | 811980     | 5.541 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.861 | 829862     | 5.622 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.643 | 830297     | 5.551 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.382 | 807293     | 5.402 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.109 | 841615     | 5.461 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.004 | 775577     | 5.100 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

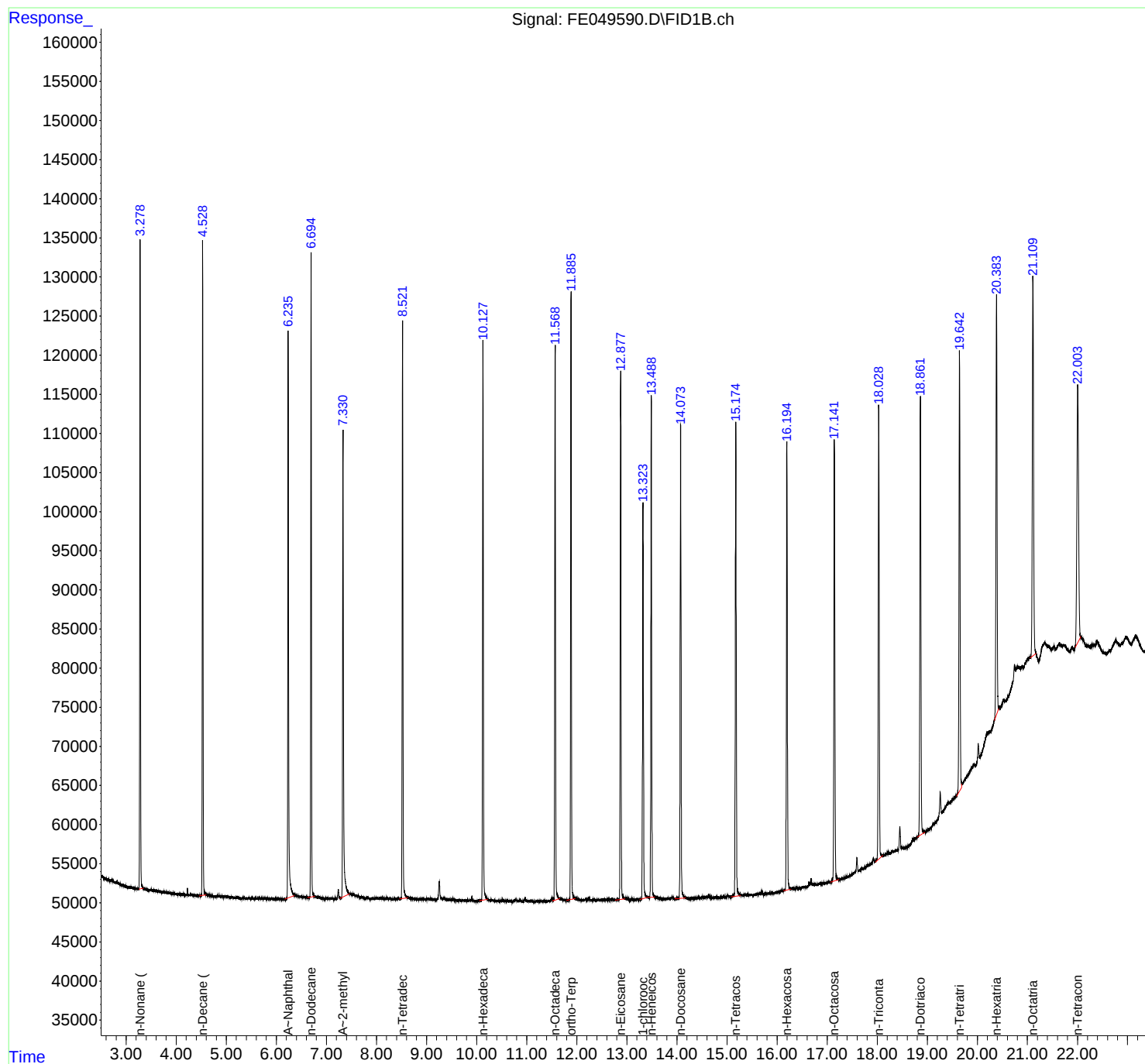
(m)=manual int.

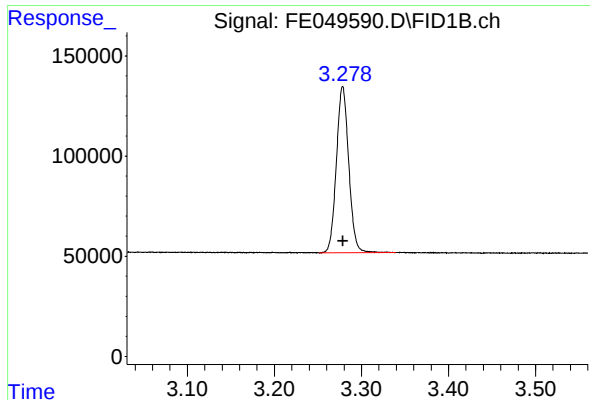
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081424AL\  
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Acq On : 14 Aug 2024 10:36  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

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5 PPM ALIPHATIC HC STD5

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Quant Title : GC Extractables  
QLast Update : Wed Aug 14 10:31:56 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

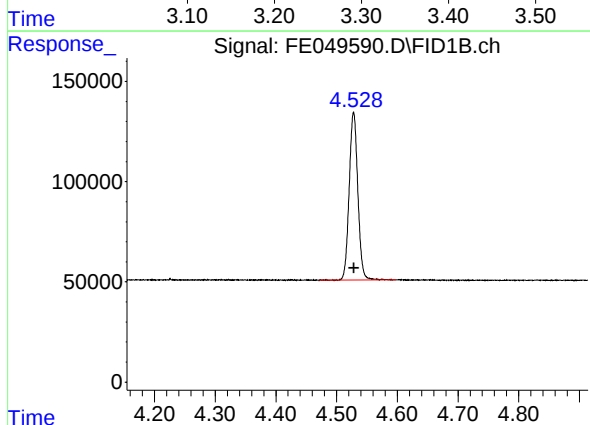




#1 n-Nonane (C9)

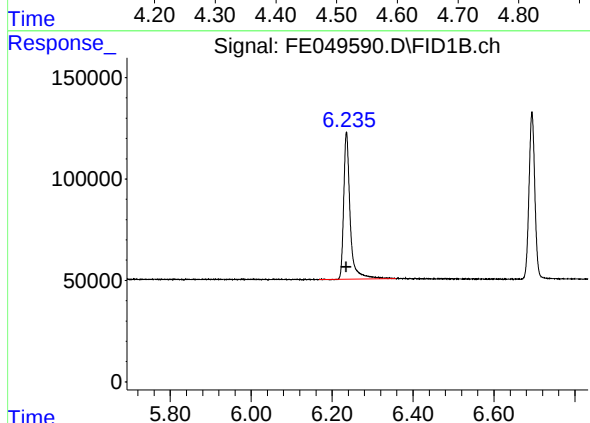
R.T.: 3.278 min  
Delta R.T.: 0.000 min  
Response: 818471  
Conc: 5.37 ug/ml

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



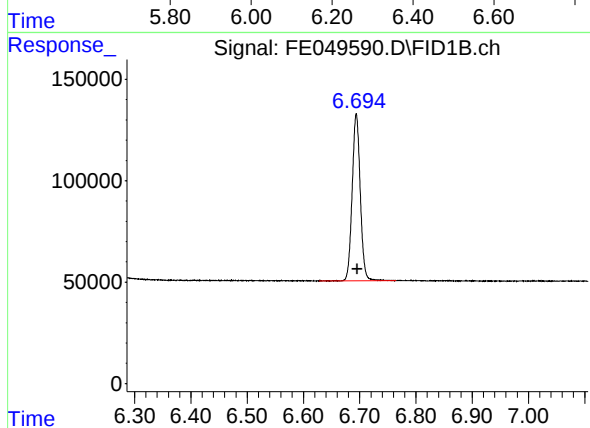
#2 n-Decane (C10)

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 826984  
Conc: 5.30 ug/ml



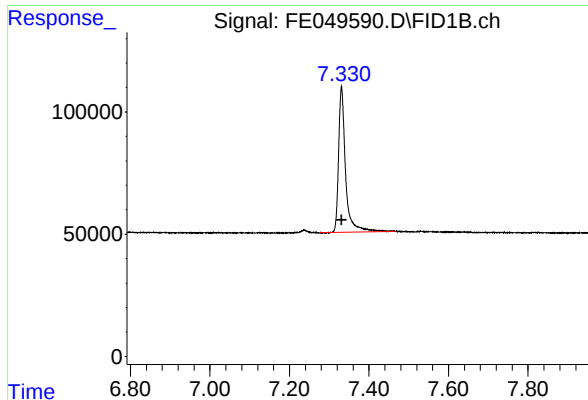
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 800903  
Conc: 4.99 ug/ml



#4 n-Dodecane (C12)

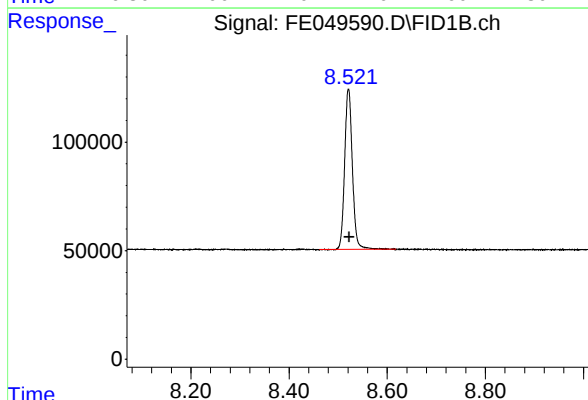
R.T.: 6.694 min  
Delta R.T.: -0.002 min  
Response: 819242  
Conc: 5.27 ug/ml



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

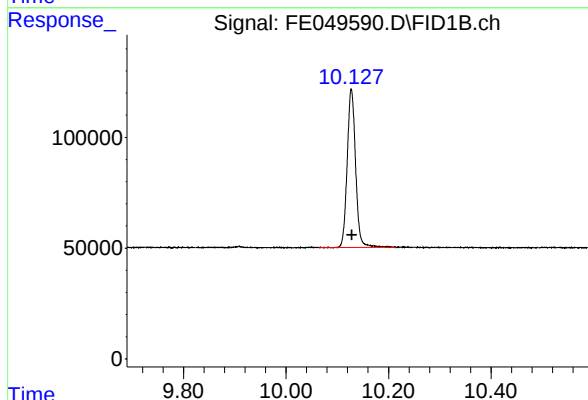
R.T.: 7.331 min  
Delta R.T.: 0.000 min  
Response: 729161  
Conc: 4.84 ug/ml

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



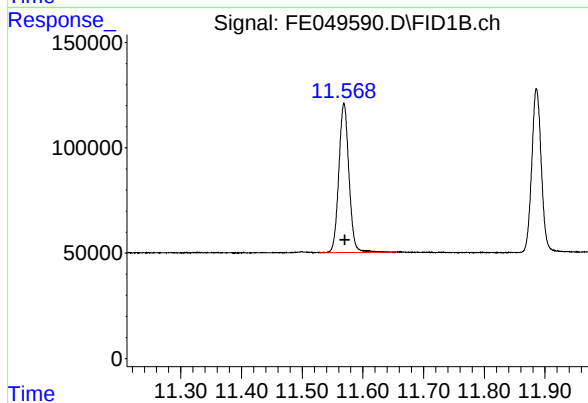
#6 n-Tetradecane (C14)

R.T.: 8.521 min  
Delta R.T.: -0.001 min  
Response: 810689  
Conc: 5.32 ug/ml



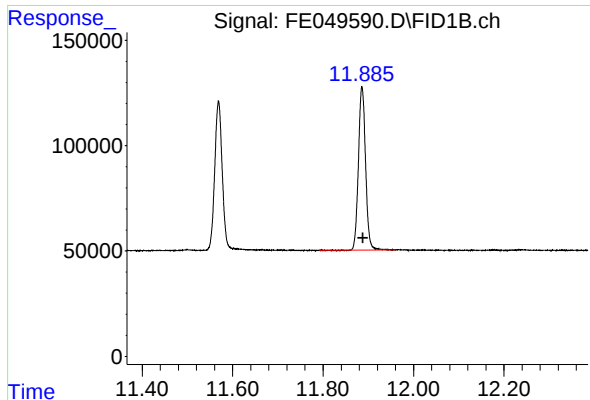
#7 n-Hexadecane (C16)

R.T.: 10.128 min  
Delta R.T.: -0.001 min  
Response: 812136  
Conc: 5.25 ug/ml



#8 n-Octadecane (C18)

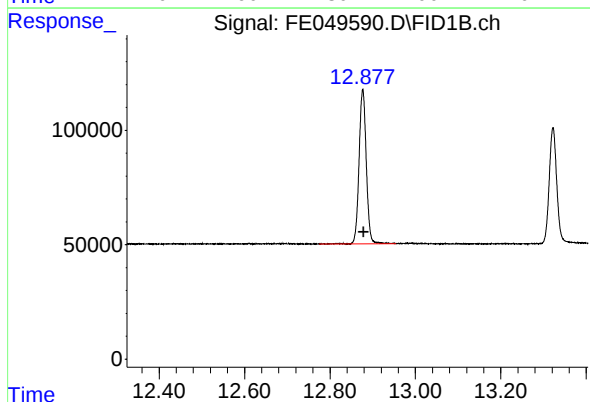
R.T.: 11.569 min  
Delta R.T.: -0.002 min  
Response: 821445  
Conc: 5.29 ug/ml



#9 ortho-Terphenyl (SURR)

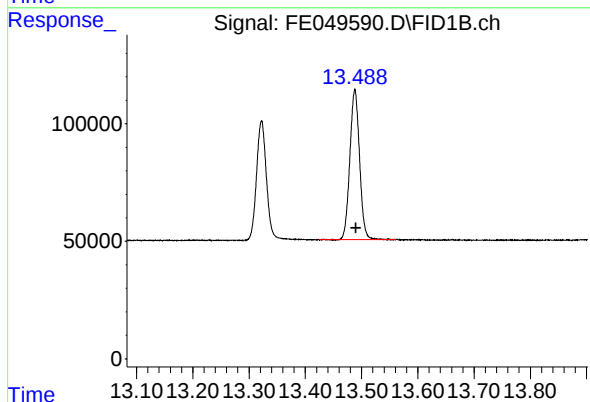
R.T.: 11.886 min  
Delta R.T.: -0.002 min  
Response: 848079  
Conc: 5.31 ug/ml

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



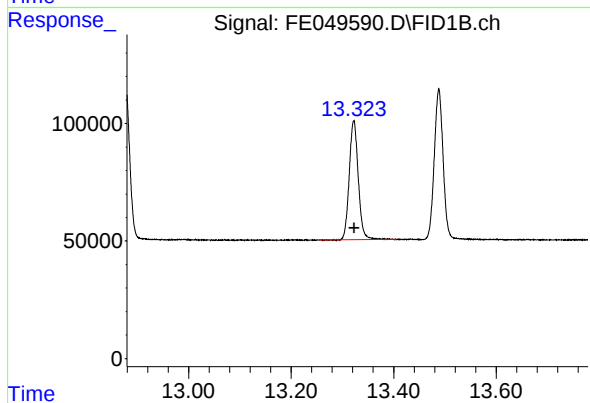
#10 n-Eicosane (C20)

R.T.: 12.877 min  
Delta R.T.: -0.002 min  
Response: 785569  
Conc: 5.33 ug/ml



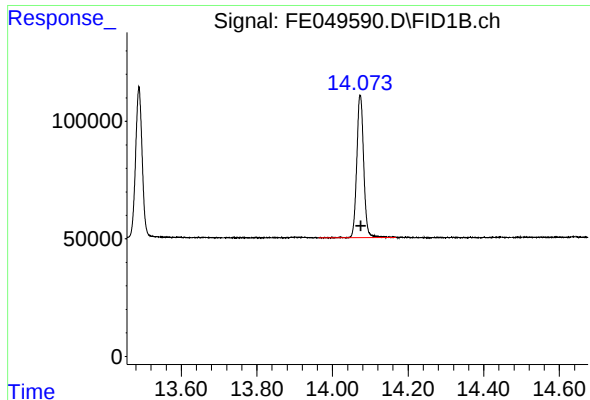
#11 n-Heneicosane (C21)

R.T.: 13.488 min  
Delta R.T.: -0.002 min  
Response: 764365  
Conc: 5.27 ug/ml



#12 1-chlorooctadecane (SURR)

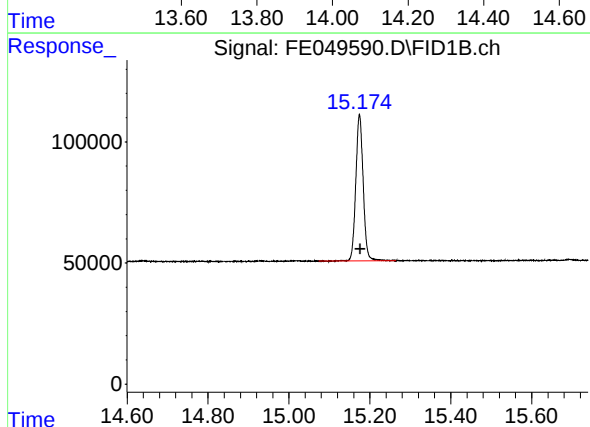
R.T.: 13.322 min  
Delta R.T.: -0.001 min  
Response: 622280  
Conc: 5.13 ug/ml



#13 n-Docosane (C22)

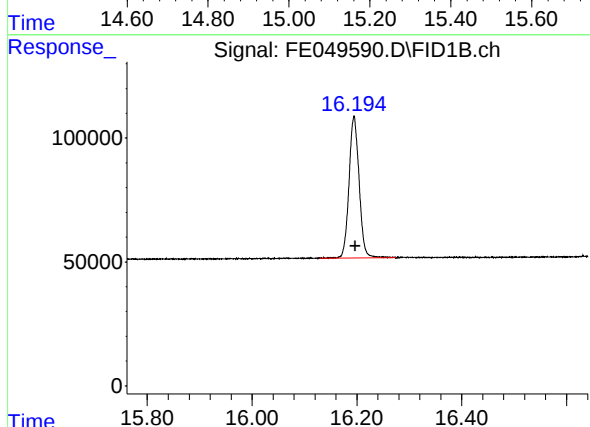
R.T.: 14.073 min  
Delta R.T.: -0.002 min  
Response: 766828  
Conc: 5.33 ug/ml

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



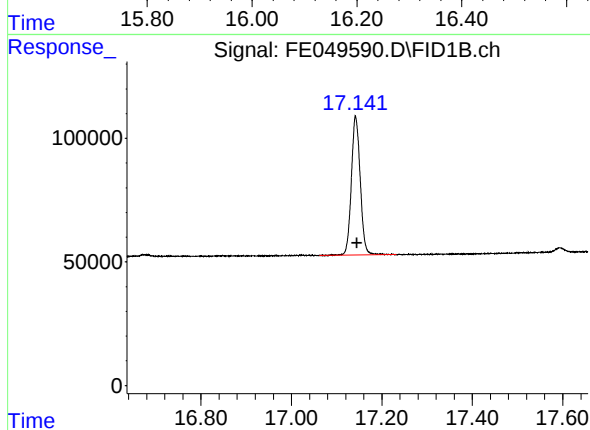
#14 n-Tetracosane (C24)

R.T.: 15.174 min  
Delta R.T.: -0.002 min  
Response: 770371  
Conc: 5.38 ug/ml



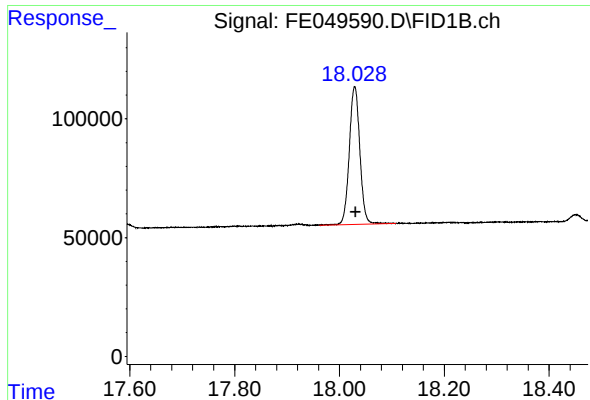
#15 n-Hexacosane (C26)

R.T.: 16.194 min  
Delta R.T.: -0.002 min  
Response: 761846  
Conc: 5.35 ug/ml



#16 n-Octacosane (C28)

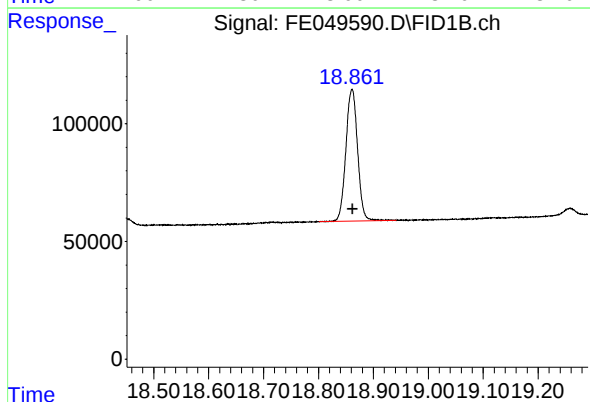
R.T.: 17.142 min  
Delta R.T.: -0.003 min  
Response: 769397  
Conc: 5.43 ug/ml



#17 n-Tricontane (C30)

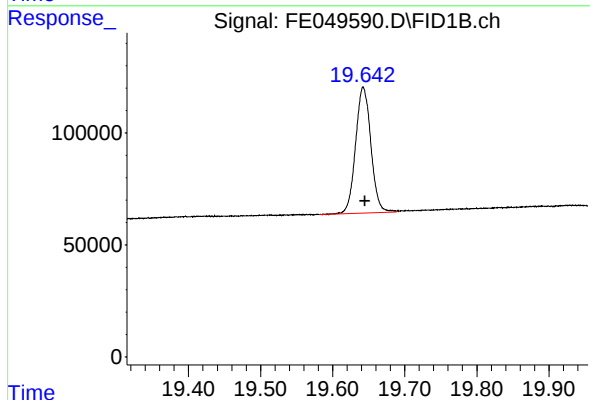
R.T.: 18.029 min  
Delta R.T.: -0.002 min  
Response: 811980  
Conc: 5.54 ug/ml

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



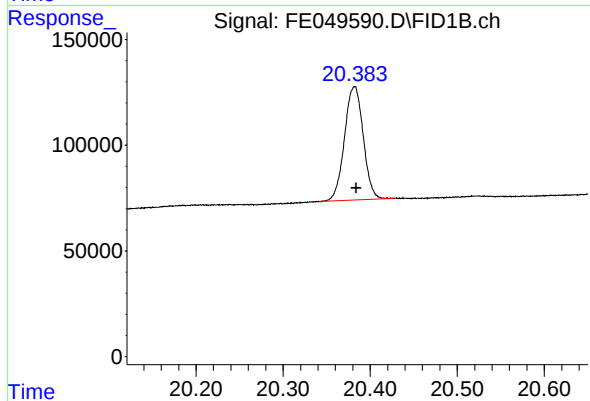
#18 n-Dotriacontane (C32)

R.T.: 18.861 min  
Delta R.T.: -0.001 min  
Response: 829862  
Conc: 5.62 ug/ml



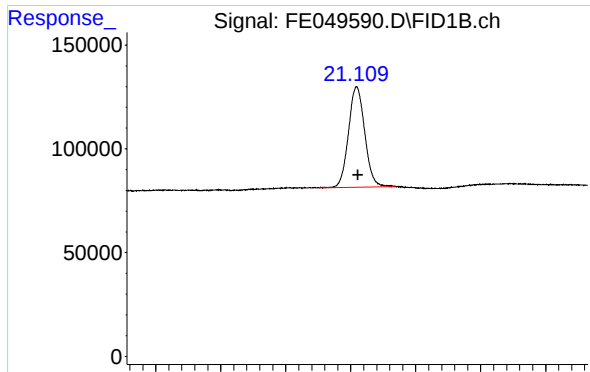
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min  
Delta R.T.: -0.002 min  
Response: 830297  
Conc: 5.55 ug/ml



#20 n-Hexatriacontane (C36)

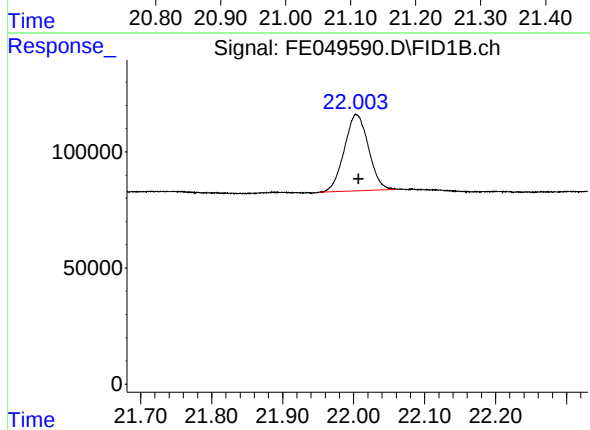
R.T.: 20.382 min  
Delta R.T.: -0.002 min  
Response: 807293  
Conc: 5.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min  
Delta R.T.: -0.003 min  
Response: 841615  
Conc: 5.46 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.004 min  
Delta R.T.: -0.003 min  
Response: 775577  
Conc: 5.10 ug/ml