

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032925AL\  
 Data File : FE053061.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Mar 2025 01:39  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 31 02:34:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 31 02:32:07 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)    | 11.893 | 844490     | 5.147 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.29%      |
| 12) S 1-chlorooctadecane (S... | 13.338 | 616281     | 5.092 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.18%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.241  | 794168     | 5.104 ug/ml |
| 2) T n-Decane (C10)            | 4.502  | 801078     | 5.077 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.214  | 844127     | 4.974 ug/ml |
| 4) T n-Dodecane (C12)          | 6.681  | 799896     | 5.084 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.316  | 794430     | 4.909 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.516  | 791912     | 5.143 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.130 | 796849     | 5.123 ug/ml |
| 8) T n-Octadecane (C18)        | 11.578 | 786402     | 5.135 ug/ml |
| 10) T n-Eicosane (C20)         | 12.892 | 743598     | 5.167 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.506 | 721765     | 5.163 ug/ml |
| 13) T n-Docosane (C22)         | 14.094 | 712566     | 5.168 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.200 | 699097     | 5.154 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.224 | 694483     | 5.178 ug/ml |
| 16) T n-Octacosane (C28)       | 17.175 | 690349     | 5.221 ug/ml |
| 17) T n-Tricontane (C30)       | 18.064 | 715799     | 5.282 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.898 | 714056     | 5.319 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.684 | 684498     | 5.301 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.425 | 622561     | 5.279 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.164 | 600593     | 5.218 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.078 | 581004     | 5.113 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

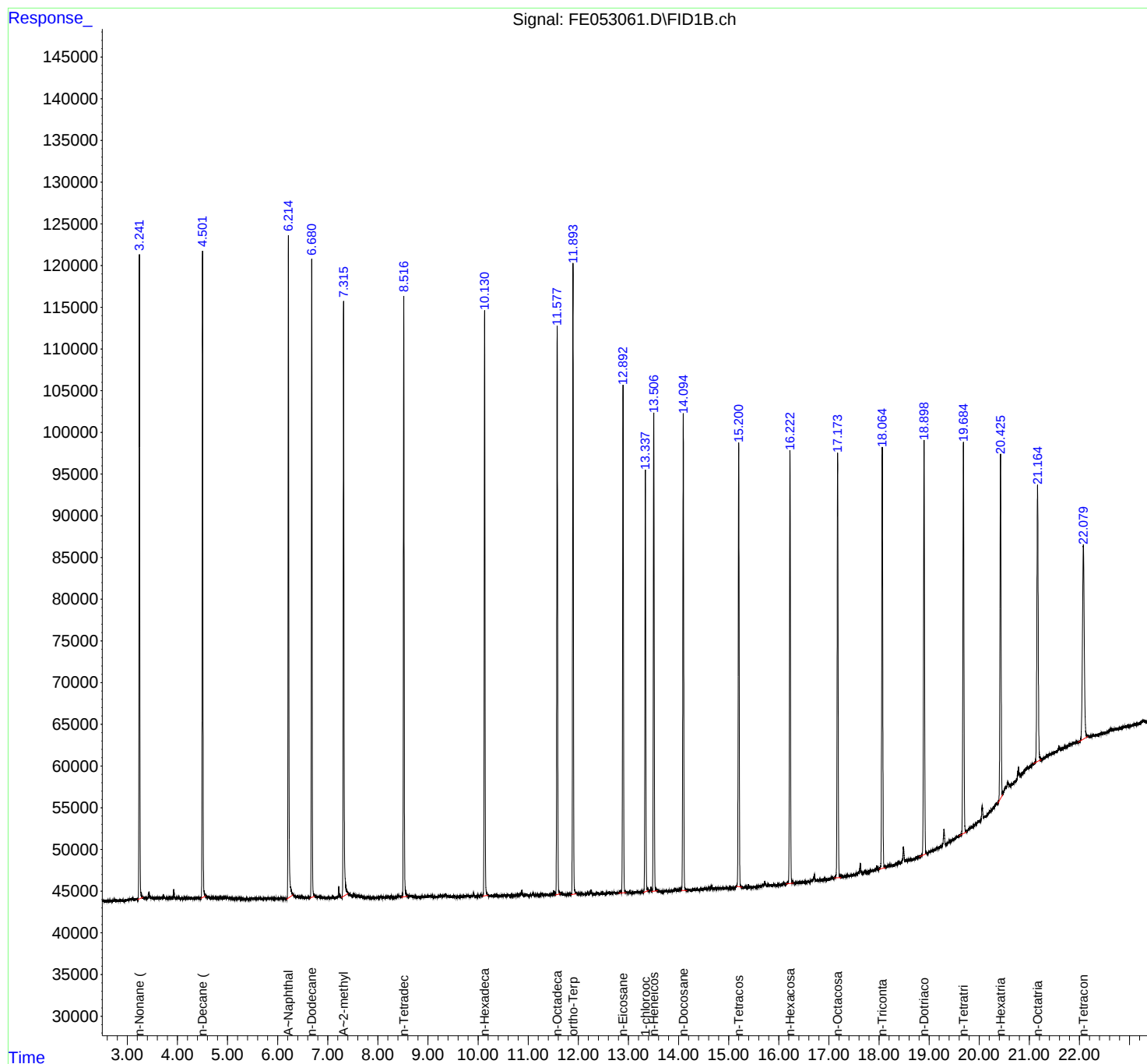
(m)=manual int.

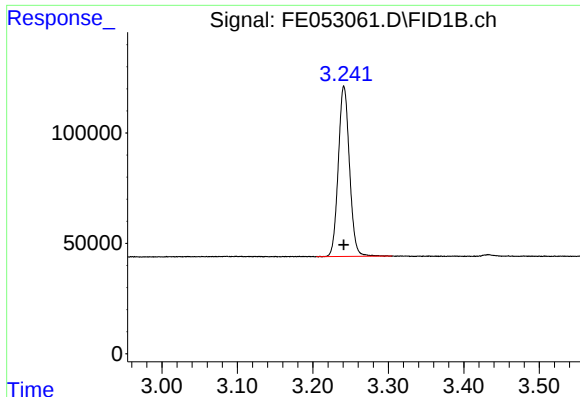
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032925AL\  
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Acq On : 29 Mar 2025 01:39  
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Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

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Volume Inj. : 1 ul  
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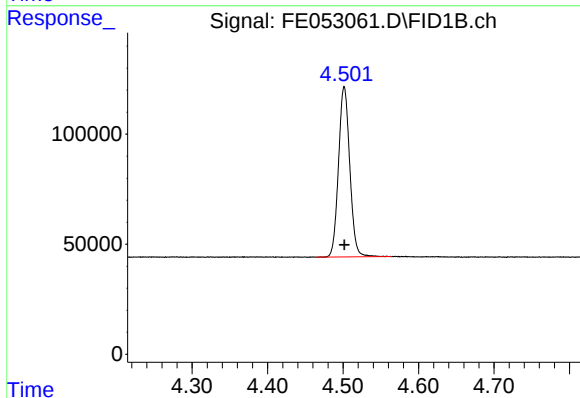




#1 n-Nonane (C9)

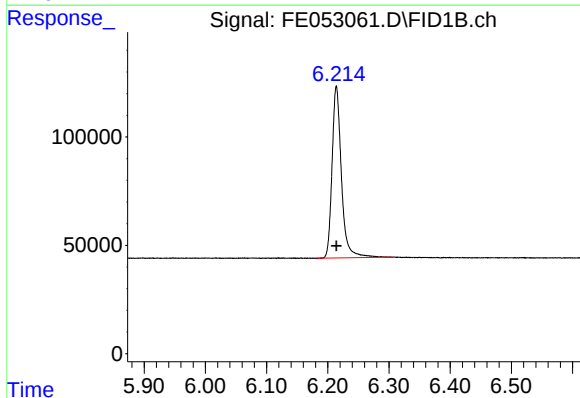
R.T.: 3.241 min  
Delta R.T.: 0.000 min  
Response: 794168  
Conc: 5.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



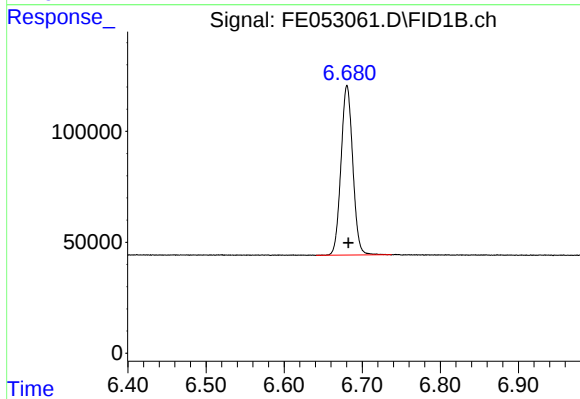
#2 n-Decane (C10)

R.T.: 4.502 min  
Delta R.T.: 0.000 min  
Response: 801078  
Conc: 5.08 ug/ml



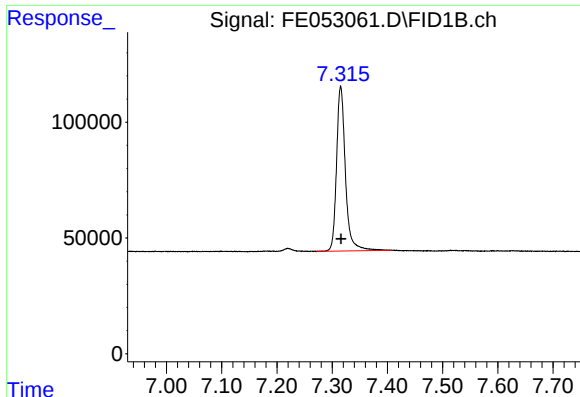
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 844127  
Conc: 4.97 ug/ml



#4 n-Dodecane (C12)

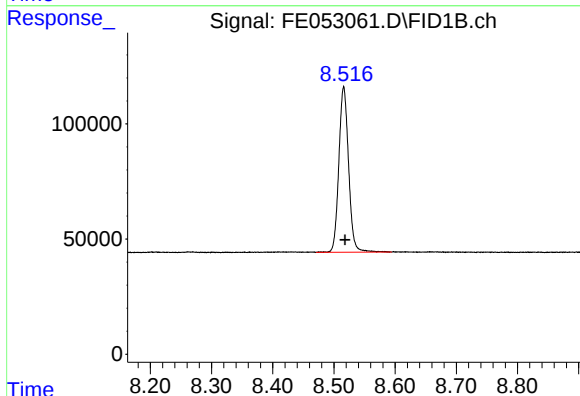
R.T.: 6.681 min  
Delta R.T.: -0.001 min  
Response: 799896  
Conc: 5.08 ug/ml



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

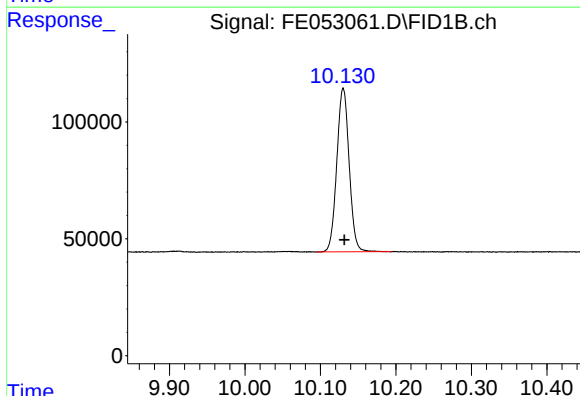
R.T.: 7.316 min  
Delta R.T.: 0.000 min  
Response: 794430  
Conc: 4.91 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



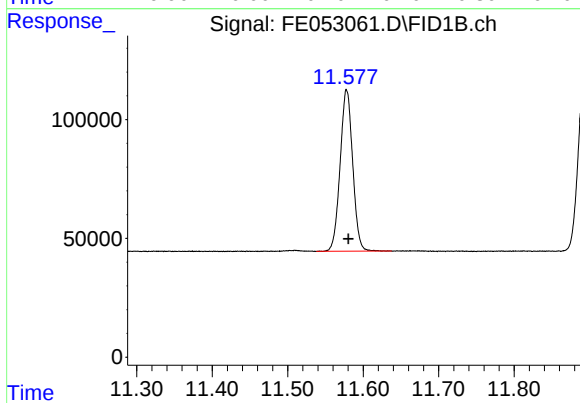
#6 n-Tetradecane (C14)

R.T.: 8.516 min  
Delta R.T.: -0.002 min  
Response: 791912  
Conc: 5.14 ug/ml



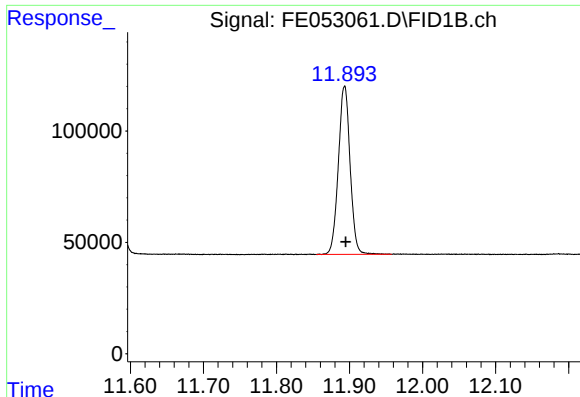
#7 n-Hexadecane (C16)

R.T.: 10.130 min  
Delta R.T.: -0.002 min  
Response: 796849  
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

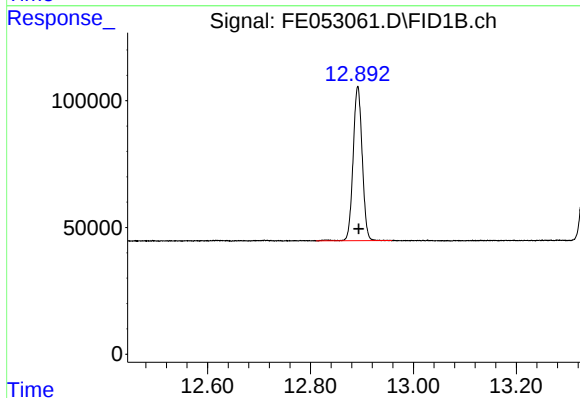
R.T.: 11.578 min  
Delta R.T.: -0.002 min  
Response: 786402  
Conc: 5.14 ug/ml



#9 ortho-Terphenyl (SURR)

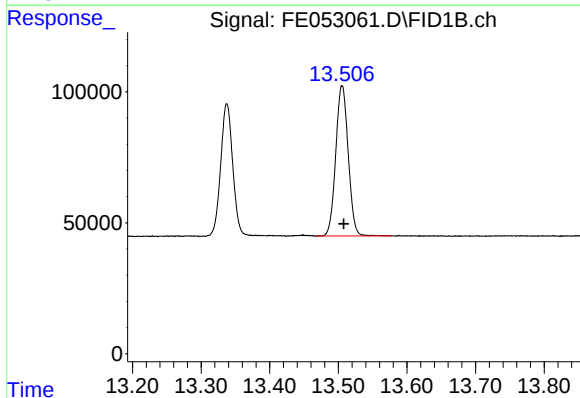
R.T.: 11.893 min  
Delta R.T.: -0.002 min  
Response: 844490  
Conc: 5.15 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



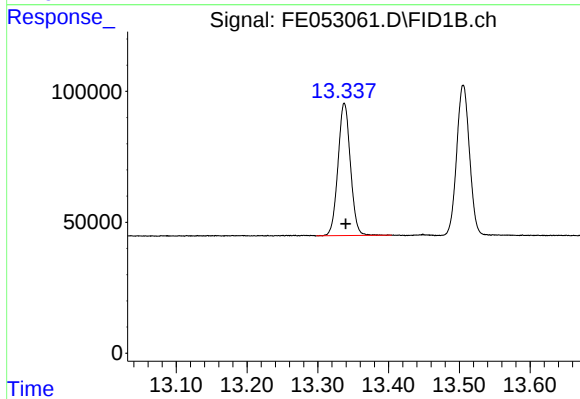
#10 n-Eicosane (C20)

R.T.: 12.892 min  
Delta R.T.: -0.002 min  
Response: 743598  
Conc: 5.17 ug/ml



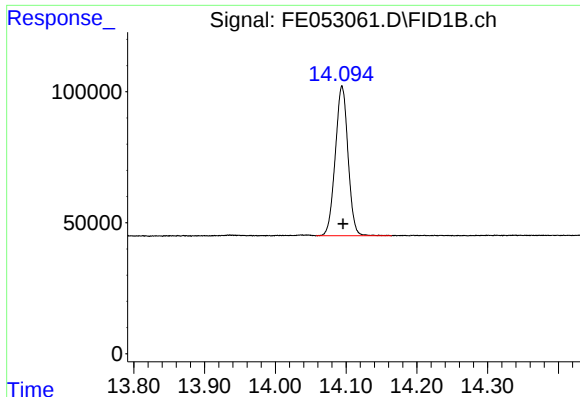
#11 n-Heneicosane (C21)

R.T.: 13.506 min  
Delta R.T.: -0.003 min  
Response: 721765  
Conc: 5.16 ug/ml



#12 1-chlorooctadecane (SURR)

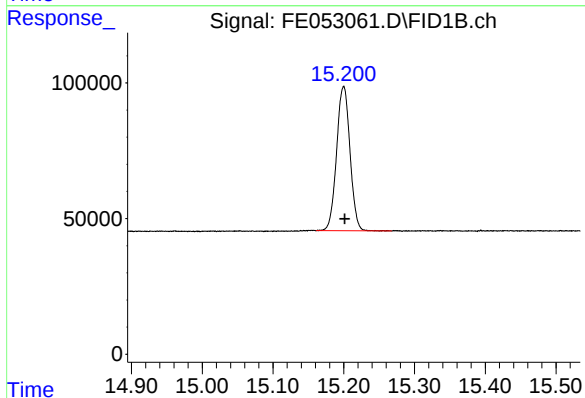
R.T.: 13.338 min  
Delta R.T.: -0.002 min  
Response: 616281  
Conc: 5.09 ug/ml



#13 n-Docosane (C22)

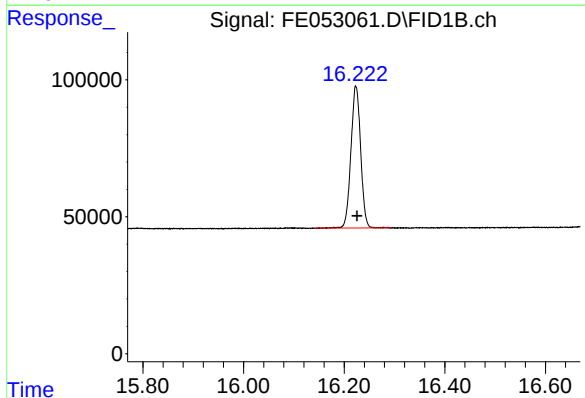
R.T.: 14.094 min  
Delta R.T.: -0.001 min  
Response: 712566  
Conc: 5.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



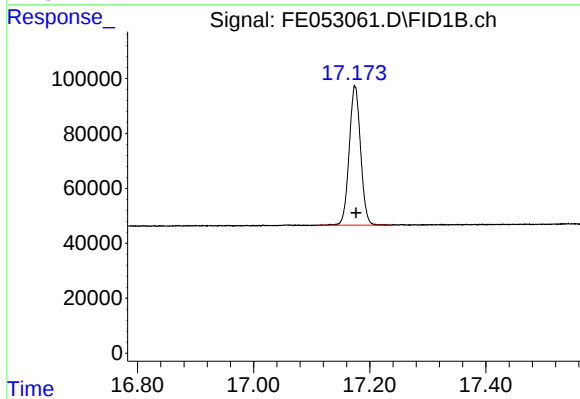
#14 n-Tetracosane (C24)

R.T.: 15.200 min  
Delta R.T.: -0.002 min  
Response: 699097  
Conc: 5.15 ug/ml



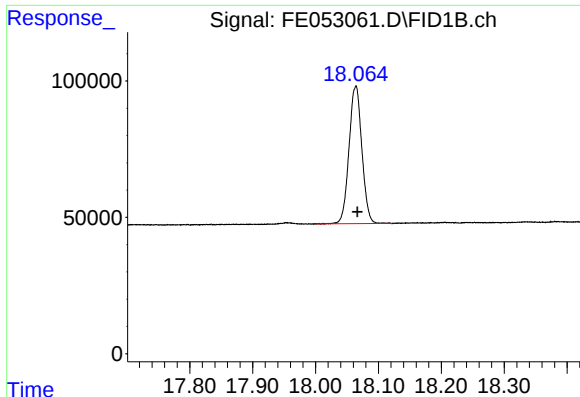
#15 n-Hexacosane (C26)

R.T.: 16.224 min  
Delta R.T.: -0.002 min  
Response: 694483  
Conc: 5.18 ug/ml



#16 n-Octacosane (C28)

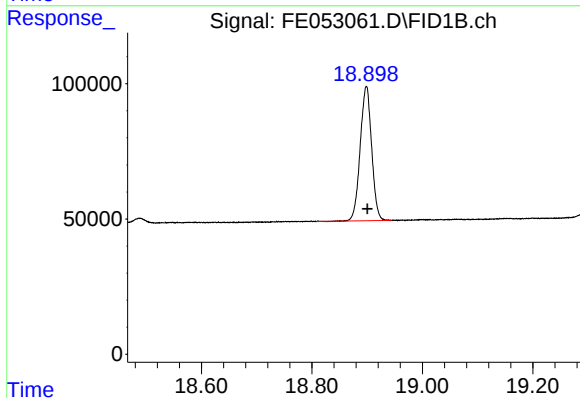
R.T.: 17.175 min  
Delta R.T.: -0.002 min  
Response: 690349  
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

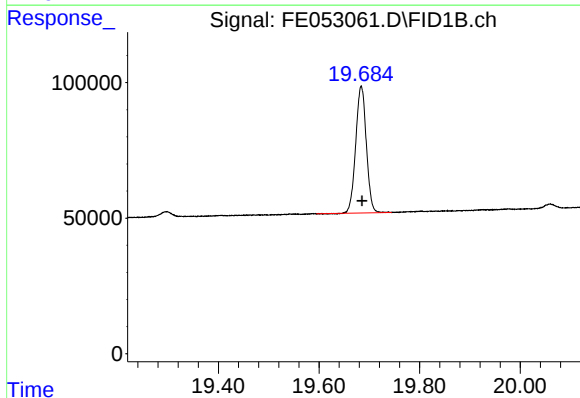
R.T.: 18.064 min  
Delta R.T.: -0.003 min  
Response: 715799  
Conc: 5.28 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



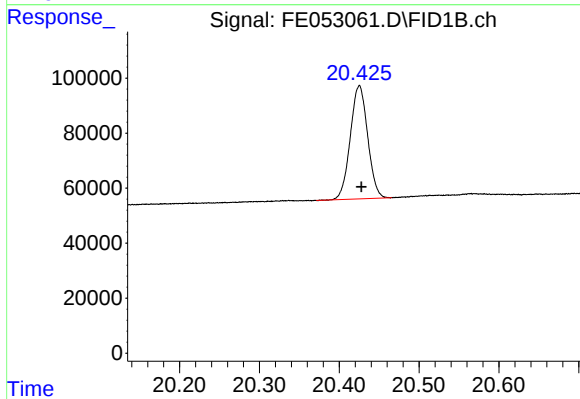
#18 n-Dotriacontane (C32)

R.T.: 18.898 min  
Delta R.T.: -0.002 min  
Response: 714056  
Conc: 5.32 ug/ml



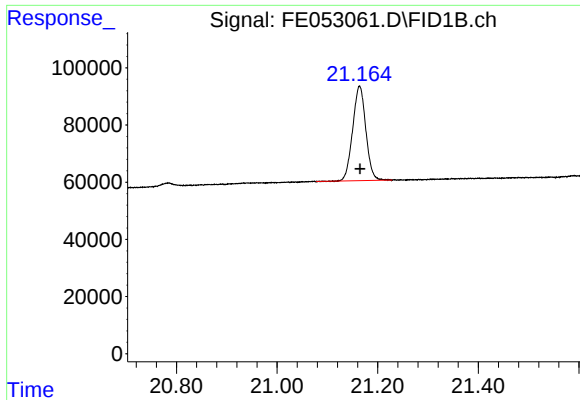
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min  
Delta R.T.: -0.002 min  
Response: 684498  
Conc: 5.30 ug/ml



#20 n-Hexatriacontane (C36)

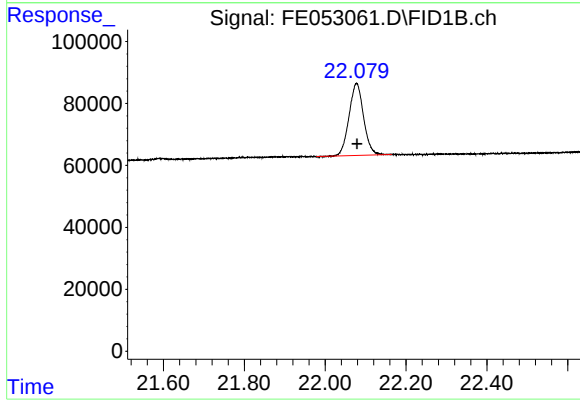
R.T.: 20.425 min  
Delta R.T.: -0.003 min  
Response: 622561  
Conc: 5.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min  
Delta R.T.: -0.001 min  
Response: 600593  
Conc: 5.22 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.078 min  
Delta R.T.: 0.000 min  
Response: 581004  
Conc: 5.11 ug/ml