

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071524AL\  
 Data File : FE049125.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Jul 2024 15:04  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 16 01:13:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 20 17:53:58 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)    | 11.923 | 2918463    | 17.454 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.91%       |
| 12) S 1-chlorooctadecane (S... | 13.360 | 2223200    | 17.289 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.58%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.307  | 2878677    | 19.147 ug/ml |
| 2) T n-Decane (C10)            | 4.558  | 2918297    | 18.963 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.266  | 2966895    | 18.689 ug/ml |
| 4) T n-Dodecane (C12)          | 6.725  | 2899579    | 18.783 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.363  | 2793656    | 18.448 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.553  | 2852225    | 18.610 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.161 | 2869887    | 18.355 ug/ml |
| 8) T n-Octadecane (C18)        | 11.604 | 2866309    | 17.972 ug/ml |
| 10) T n-Eicosane (C20)         | 12.914 | 2731111    | 17.616 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.526 | 2677206    | 17.583 ug/ml |
| 13) T n-Docosane (C22)         | 14.112 | 2659016    | 17.582 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.214 | 2655760    | 17.672 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.236 | 2638568    | 17.873 ug/ml |
| 16) T n-Octacosane (C28)       | 17.184 | 2614375    | 18.128 ug/ml |
| 17) T n-Tricontane (C30)       | 18.073 | 2702200    | 18.470 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.903 | 2684176    | 18.773 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.688 | 3104796    | 22.438 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.427 | 2705797    | 20.819 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.161 | 2917376    | 22.757 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.075 | 2979063    | 24.327 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

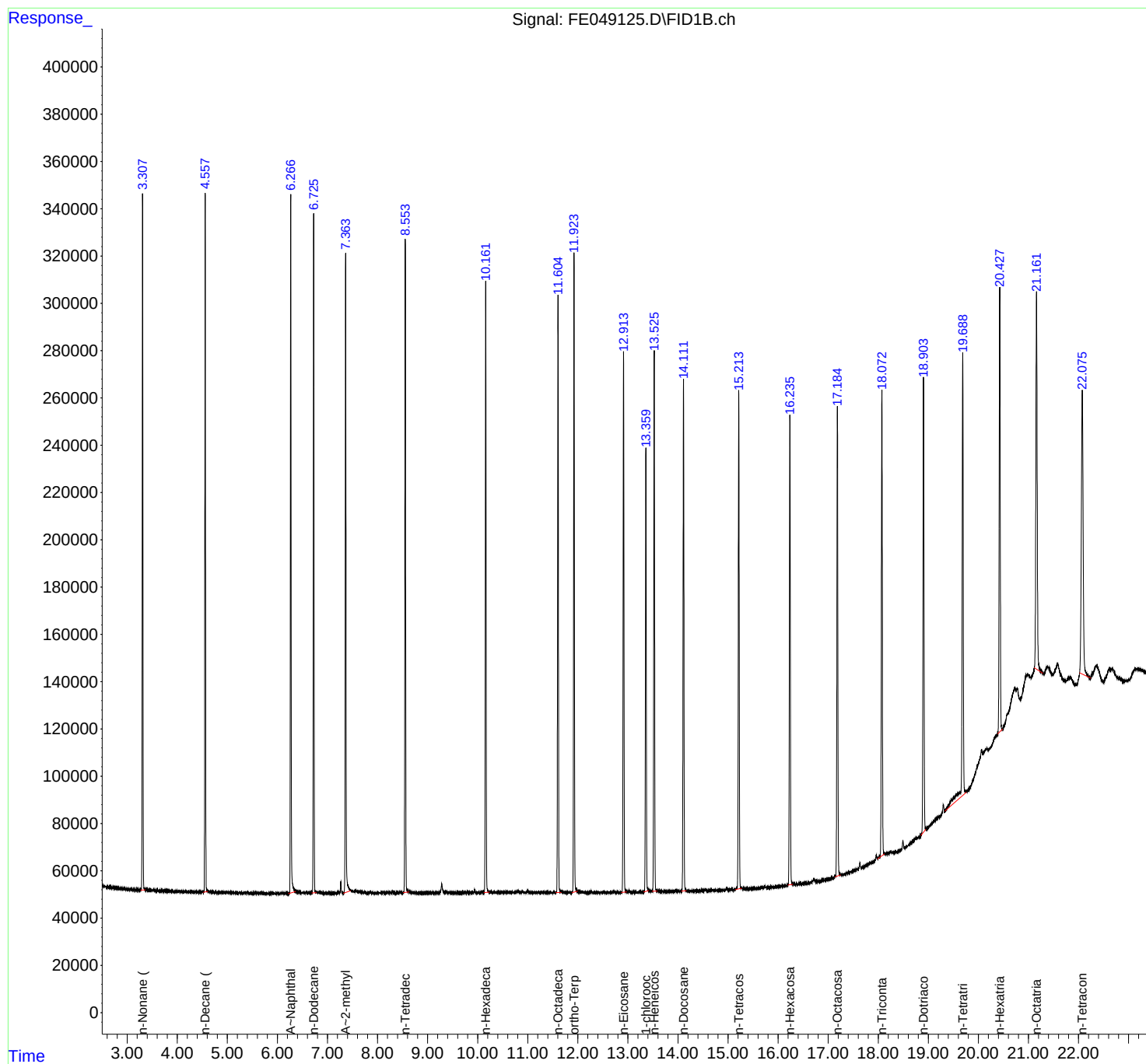
(m)=manual int.

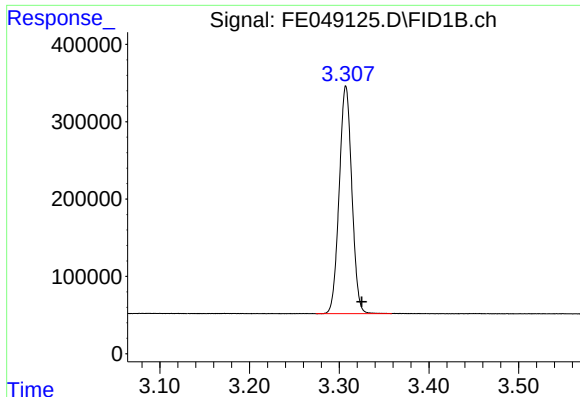
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071524AL\  
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Volume Inj. : 1 ul  
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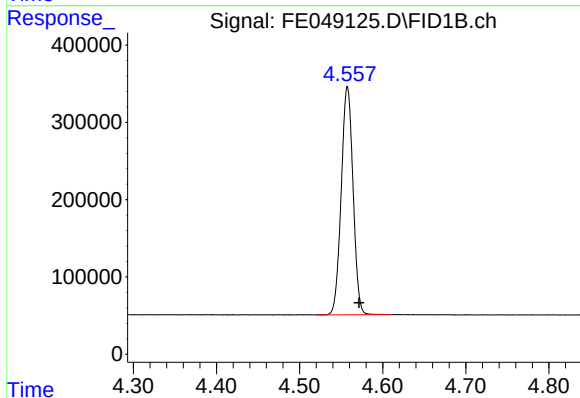




#1 n-Nonane (C9)

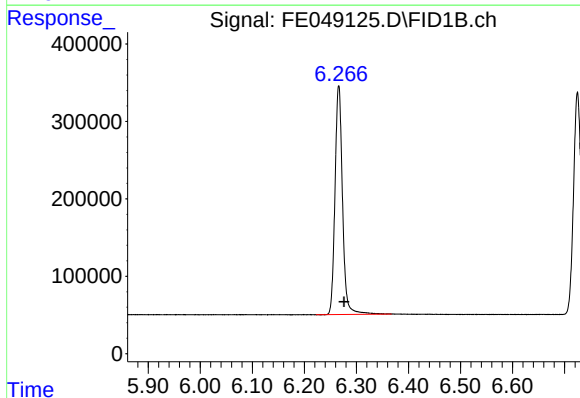
R.T.: 3.307 min  
Delta R.T.: -0.018 min  
Response: 2878677  
Conc: 19.15 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



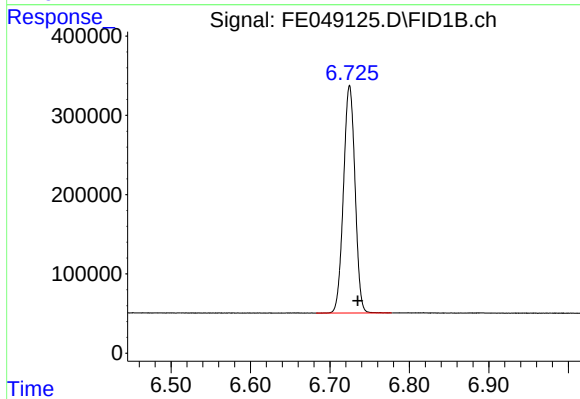
#2 n-Decane (C10)

R.T.: 4.558 min  
Delta R.T.: -0.014 min  
Response: 2918297  
Conc: 18.96 ug/ml



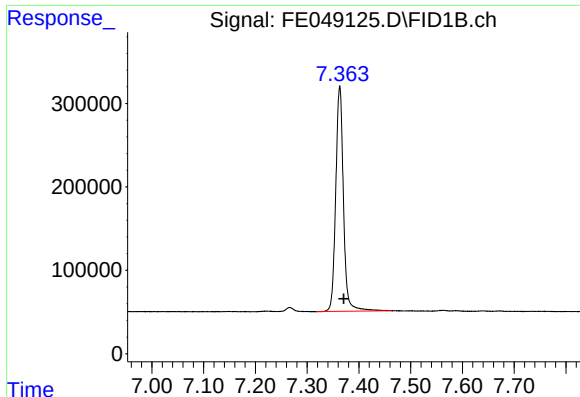
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min  
Delta R.T.: -0.010 min  
Response: 2966895  
Conc: 18.69 ug/ml



#4 n-Dodecane (C12)

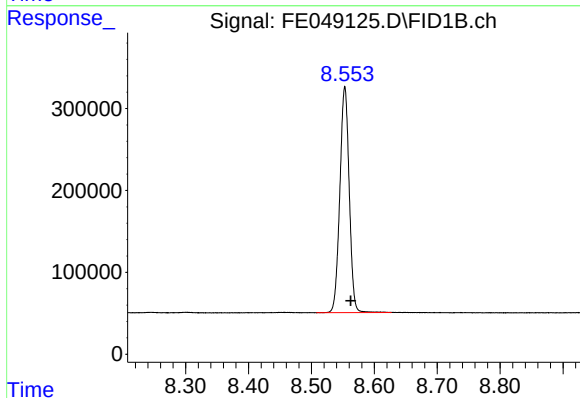
R.T.: 6.725 min  
Delta R.T.: -0.010 min  
Response: 2899579  
Conc: 18.78 ug/ml



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

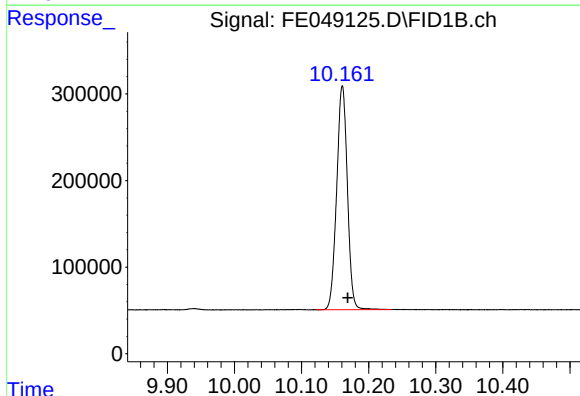
R.T.: 7.363 min  
Delta R.T.: -0.007 min  
Response: 2793656  
Conc: 18.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



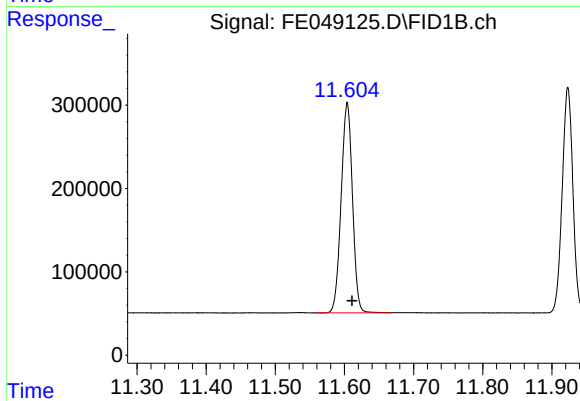
#6 n-Tetradecane (C14)

R.T.: 8.553 min  
Delta R.T.: -0.009 min  
Response: 2852225  
Conc: 18.61 ug/ml



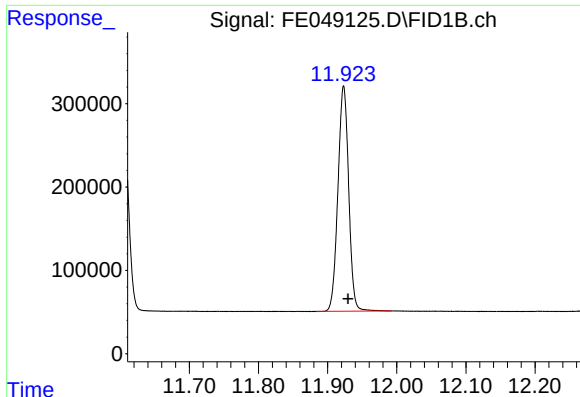
#7 n-Hexadecane (C16)

R.T.: 10.161 min  
Delta R.T.: -0.008 min  
Response: 2869887  
Conc: 18.35 ug/ml



#8 n-Octadecane (C18)

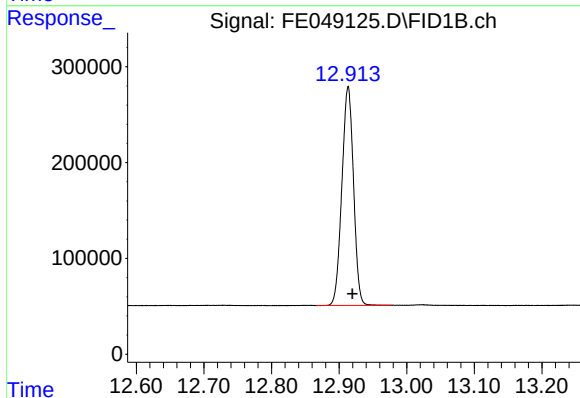
R.T.: 11.604 min  
Delta R.T.: -0.007 min  
Response: 2866309  
Conc: 17.97 ug/ml



#9 ortho-Terphenyl (SURR)

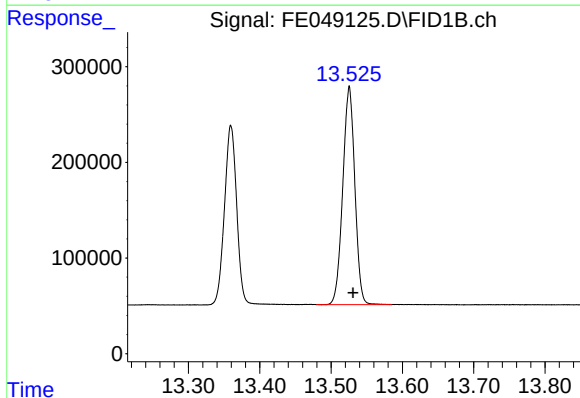
R.T.: 11.923 min  
Delta R.T.: -0.007 min  
Response: 2918463  
Conc: 17.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



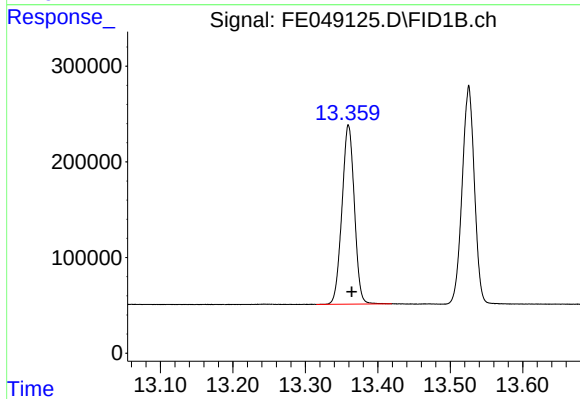
#10 n-Eicosane (C20)

R.T.: 12.914 min  
Delta R.T.: -0.006 min  
Response: 2731111  
Conc: 17.62 ug/ml



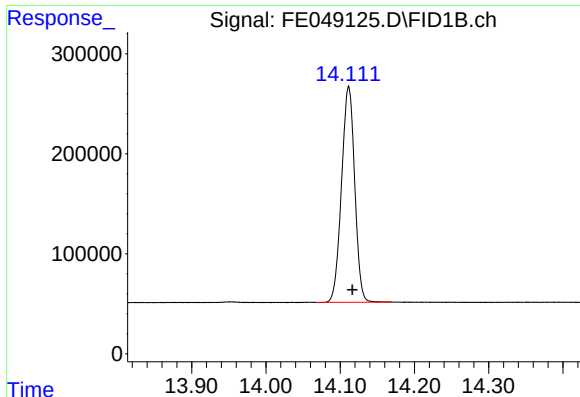
#11 n-Heneicosane (C21)

R.T.: 13.526 min  
Delta R.T.: -0.005 min  
Response: 2677206  
Conc: 17.58 ug/ml



#12 1-chlorooctadecane (SURR)

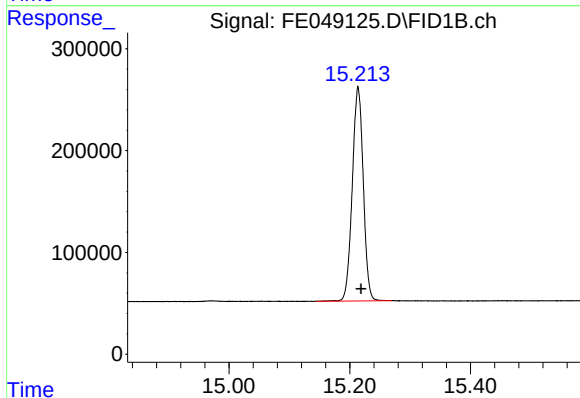
R.T.: 13.360 min  
Delta R.T.: -0.004 min  
Response: 2223200  
Conc: 17.29 ug/ml



#13 n-Docosane (C22)

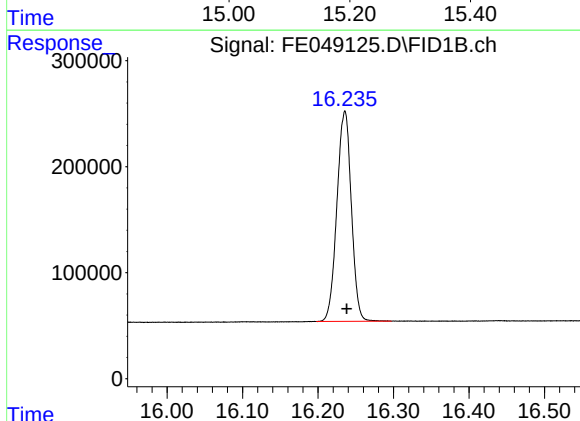
R.T.: 14.112 min  
Delta R.T.: -0.005 min  
Response: 2659016  
Conc: 17.58 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



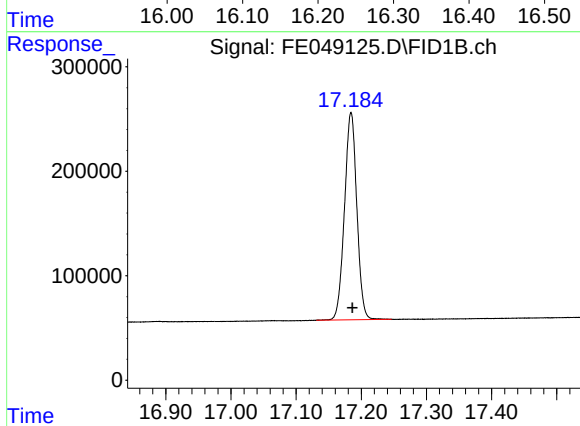
#14 n-Tetracosane (C24)

R.T.: 15.214 min  
Delta R.T.: -0.005 min  
Response: 2655760  
Conc: 17.67 ug/ml



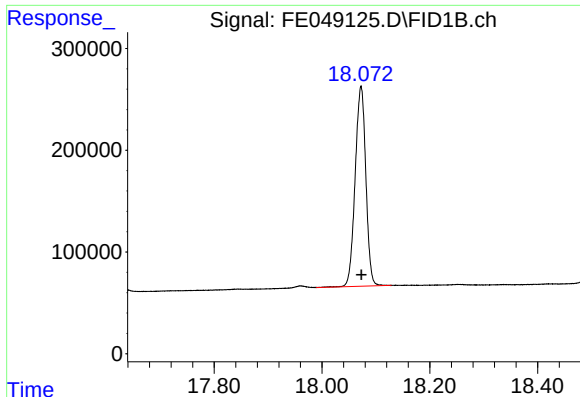
#15 n-Hexacosane (C26)

R.T.: 16.236 min  
Delta R.T.: -0.003 min  
Response: 2638568  
Conc: 17.87 ug/ml



#16 n-Octacosane (C28)

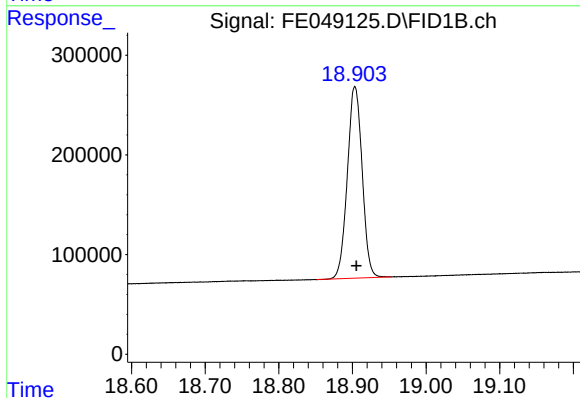
R.T.: 17.184 min  
Delta R.T.: -0.002 min  
Response: 2614375  
Conc: 18.13 ug/ml



#17 n-Tricontane (C30)

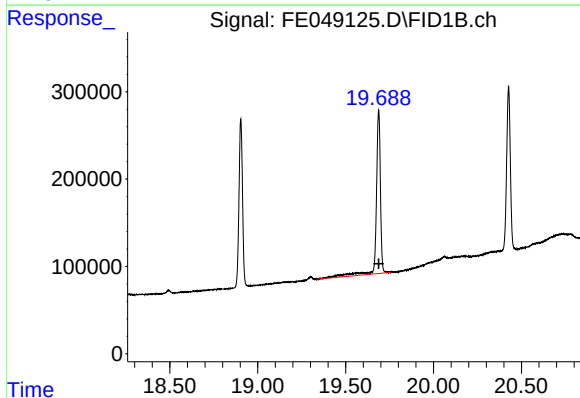
R.T.: 18.073 min  
Delta R.T.: 0.000 min  
Response: 2702200  
Conc: 18.47 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



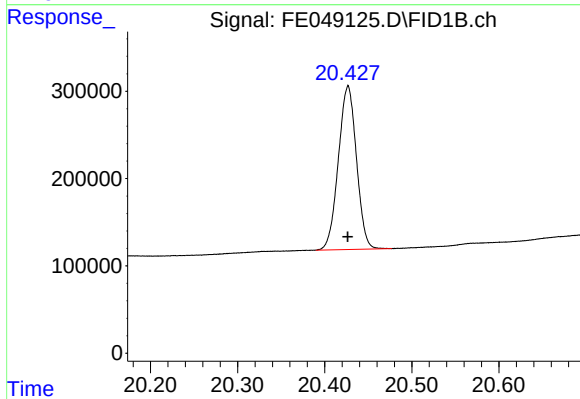
#18 n-Dotriacontane (C32)

R.T.: 18.903 min  
Delta R.T.: -0.002 min  
Response: 2684176  
Conc: 18.77 ug/ml



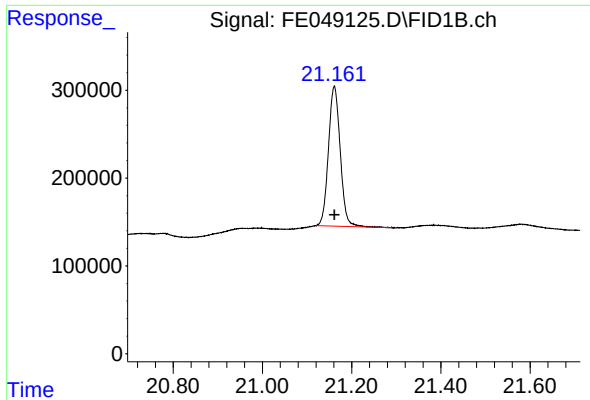
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min  
Delta R.T.: 0.000 min  
Response: 3104796  
Conc: 22.44 ug/ml



#20 n-Hexatriacontane (C36)

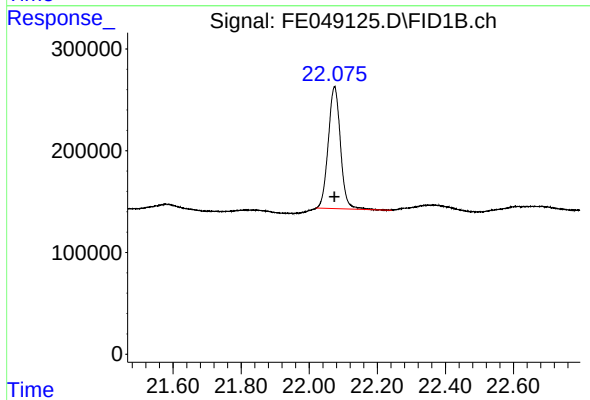
R.T.: 20.427 min  
Delta R.T.: 0.000 min  
Response: 2705797  
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min  
Delta R.T.: 0.000 min  
Response: 2917376  
Conc: 22.76 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.075 min  
Delta R.T.: 0.000 min  
Response: 2979063  
Conc: 24.33 ug/ml