

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100825AL\  
 Data File : FE056245.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Oct 2025 12:22  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 09 01:18:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 24 12:55:37 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)    | 12.066 | 4362435    | 23.247 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 46.49%       |
| 12) S 1-chlorooctadecane (S... | 13.502 | 3207821    | 22.984 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 45.97%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.406  | 2558733    | 18.678 ug/ml |
| 2) T n-Decane (C10)            | 4.665  | 2790168    | 19.992 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.384  | 3514096    | 22.009 ug/ml |
| 4) T n-Dodecane (C12)          | 6.840  | 3118123    | 21.725 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.485  | 3524598    | 22.663 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.676  | 3402333    | 23.013 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.291 | 3778932    | 23.781 ug/ml |
| 8) T n-Octadecane (C18)        | 11.740 | 4019272    | 23.729 ug/ml |
| 10) T n-Eicosane (C20)         | 13.054 | 3872098    | 23.359 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.668 | 3743215    | 23.036 ug/ml |
| 13) T n-Docosane (C22)         | 14.256 | 3635011    | 22.749 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.363 | 3444760    | 22.606 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.386 | 3193018    | 22.387 ug/ml |
| 16) T n-Octacosane (C28)       | 17.338 | 3128845    | 22.460 ug/ml |
| 17) T n-Tricontane (C30)       | 18.228 | 3337181    | 22.521 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.062 | 3469520    | 23.254 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.847 | 3337646    | 23.596 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.588 | 3003821    | 23.400 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.361 | 2800428    | 21.322 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.340 | 2549227    | 21.428 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

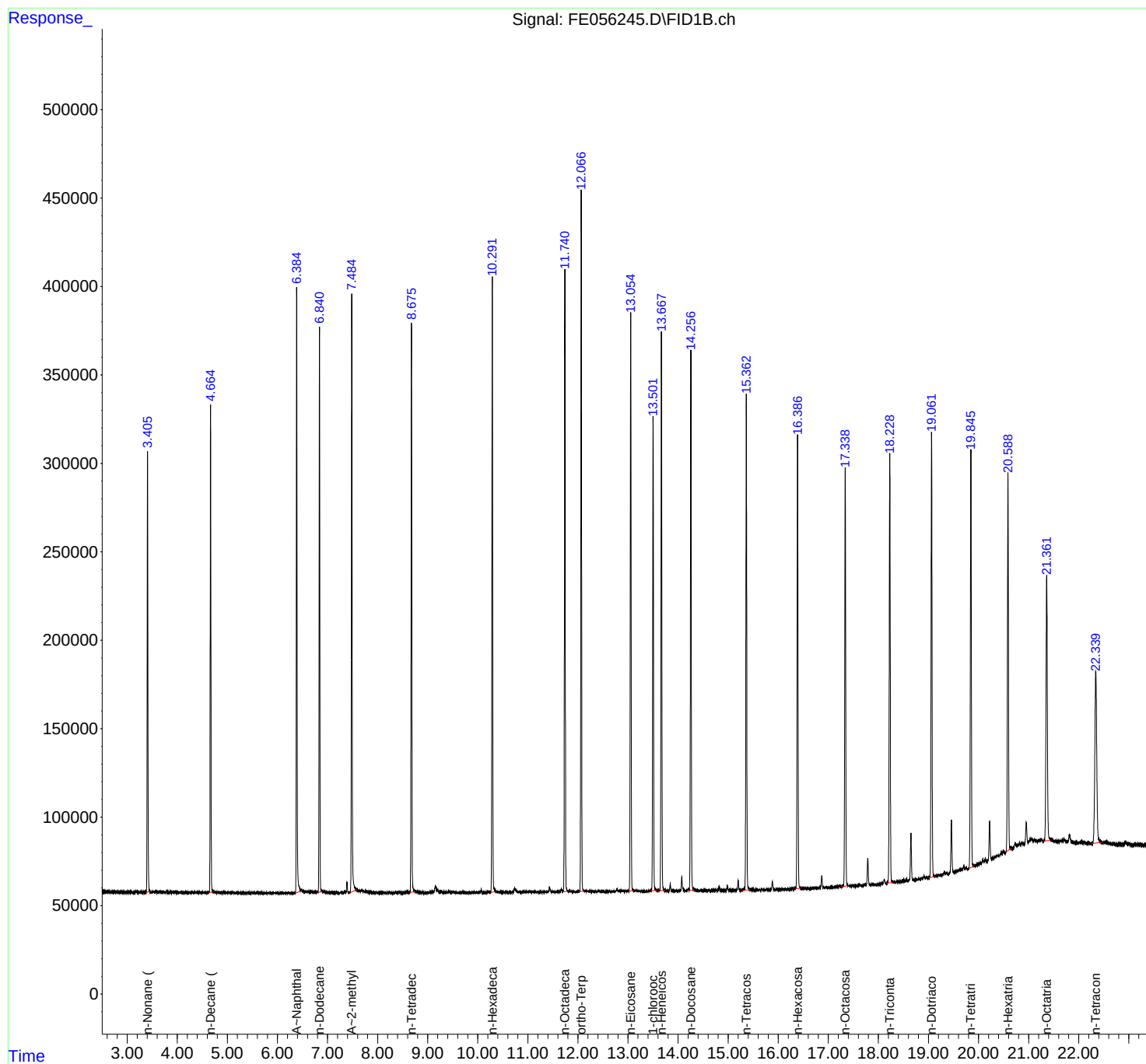
(m)=manual int.

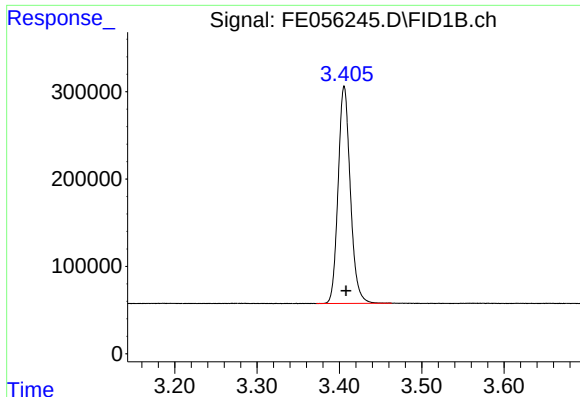
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100825AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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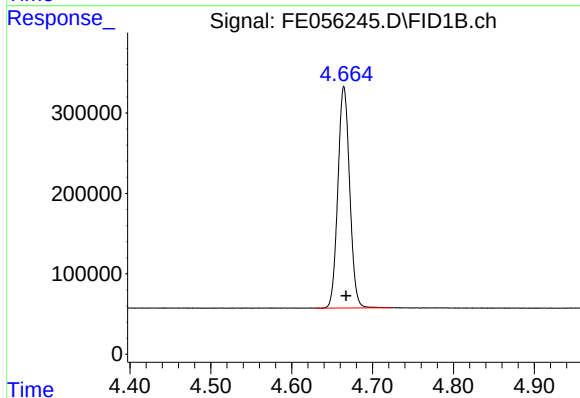




#1 n-Nonane (C9)

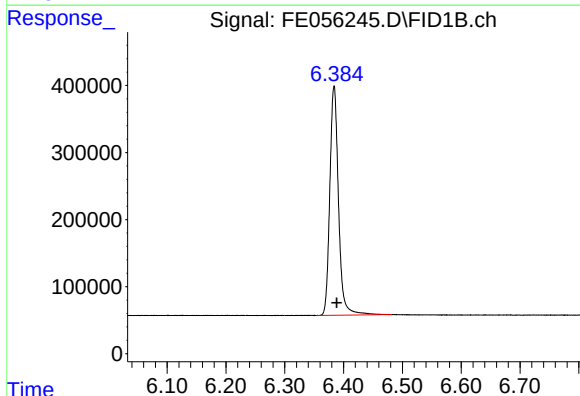
R.T.: 3.406 min  
Delta R.T.: -0.002 min  
Response: 2558733  
Conc: 18.68 ug/ml

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



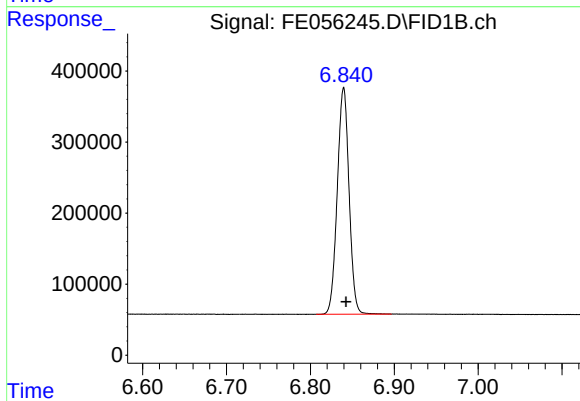
#2 n-Decane (C10)

R.T.: 4.665 min  
Delta R.T.: -0.003 min  
Response: 2790168  
Conc: 19.99 ug/ml



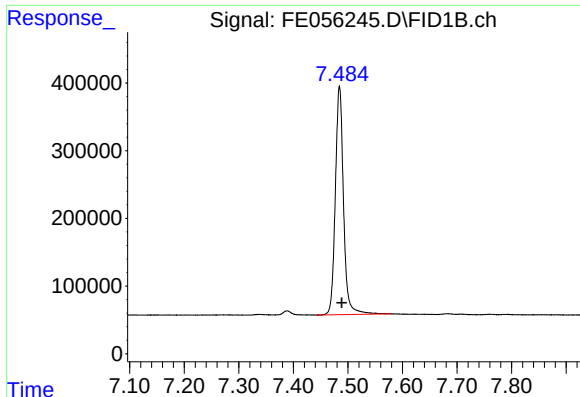
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min  
Delta R.T.: -0.004 min  
Response: 3514096  
Conc: 22.01 ug/ml



#4 n-Dodecane (C12)

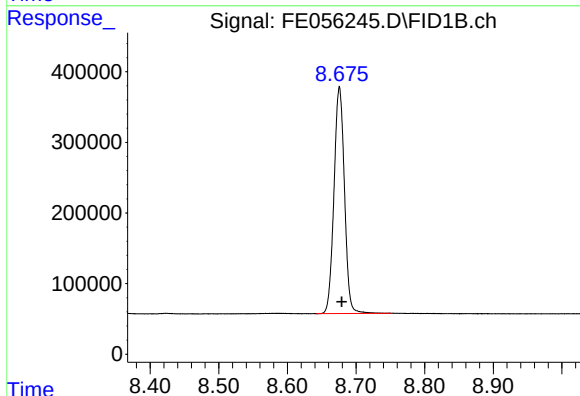
R.T.: 6.840 min  
Delta R.T.: -0.003 min  
Response: 3118123  
Conc: 21.72 ug/ml



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

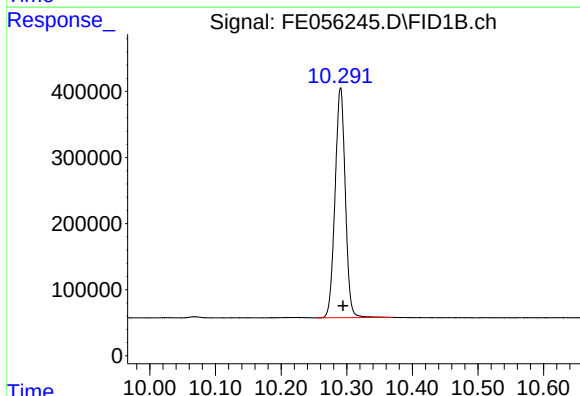
R.T.: 7.485 min  
Delta R.T.: -0.004 min  
Response: 3524598  
Conc: 22.66 ug/ml

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



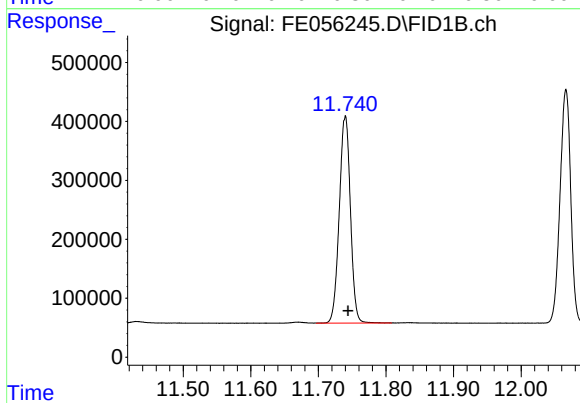
#6 n-Tetradecane (C14)

R.T.: 8.676 min  
Delta R.T.: -0.004 min  
Response: 3402333  
Conc: 23.01 ug/ml



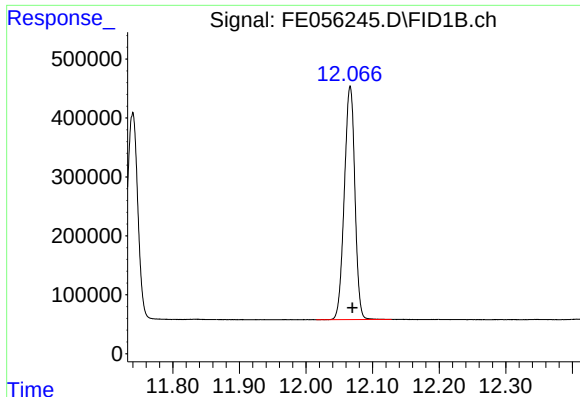
#7 n-Hexadecane (C16)

R.T.: 10.291 min  
Delta R.T.: -0.004 min  
Response: 3778932  
Conc: 23.78 ug/ml



#8 n-Octadecane (C18)

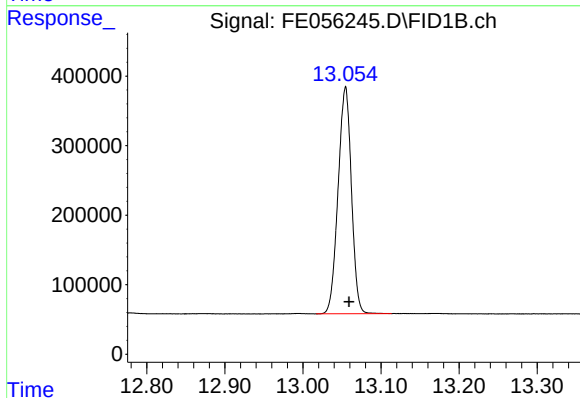
R.T.: 11.740 min  
Delta R.T.: -0.004 min  
Response: 4019272  
Conc: 23.73 ug/ml



#9 ortho-Terphenyl (SURR)

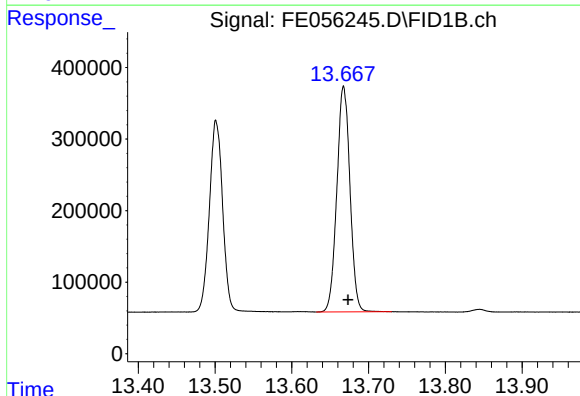
R.T.: 12.066 min  
Delta R.T.: -0.004 min  
Response: 4362435  
Conc: 23.25 ug/ml

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



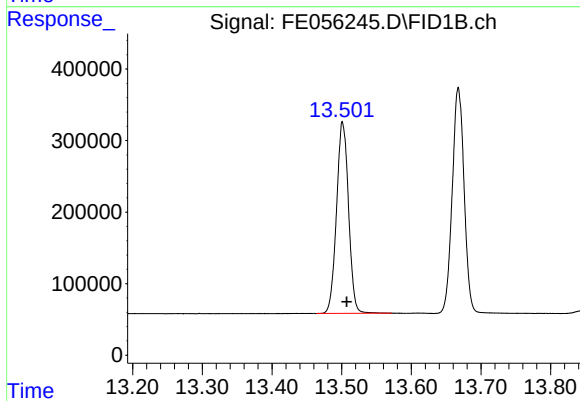
#10 n-Eicosane (C20)

R.T.: 13.054 min  
Delta R.T.: -0.004 min  
Response: 3872098  
Conc: 23.36 ug/ml



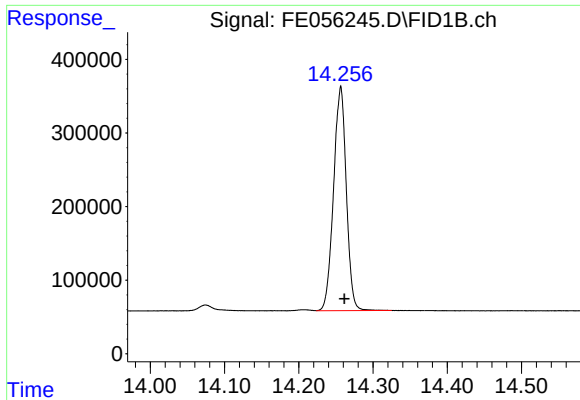
#11 n-Heneicosane (C21)

R.T.: 13.668 min  
Delta R.T.: -0.005 min  
Response: 3743215  
Conc: 23.04 ug/ml



#12 1-chlorooctadecane (SURR)

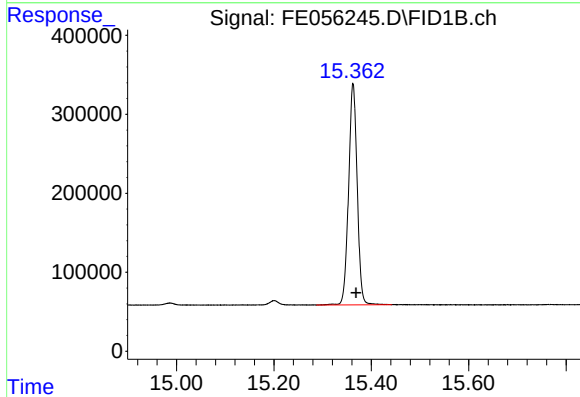
R.T.: 13.502 min  
Delta R.T.: -0.006 min  
Response: 3207821  
Conc: 22.98 ug/ml



#13 n-Docosane (C22)

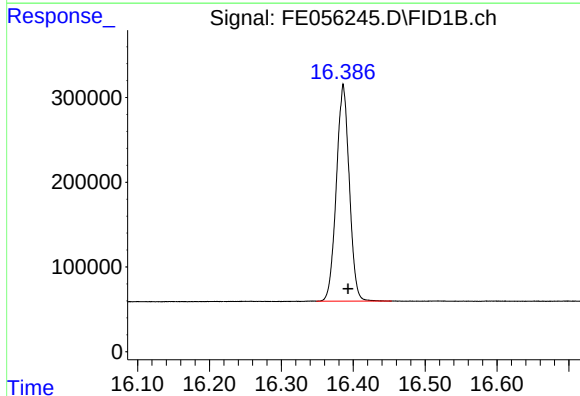
R.T.: 14.256 min  
Delta R.T.: -0.005 min  
Response: 3635011  
Conc: 22.75 ug/ml

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



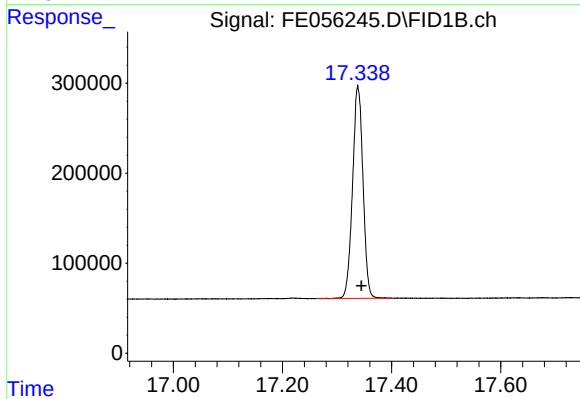
#14 n-Tetracosane (C24)

R.T.: 15.363 min  
Delta R.T.: -0.006 min  
Response: 3444760  
Conc: 22.61 ug/ml



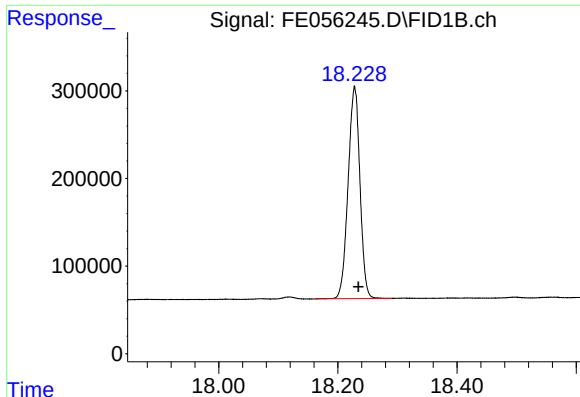
#15 n-Hexacosane (C26)

R.T.: 16.386 min  
Delta R.T.: -0.007 min  
Response: 3193018  
Conc: 22.39 ug/ml



#16 n-Octacosane (C28)

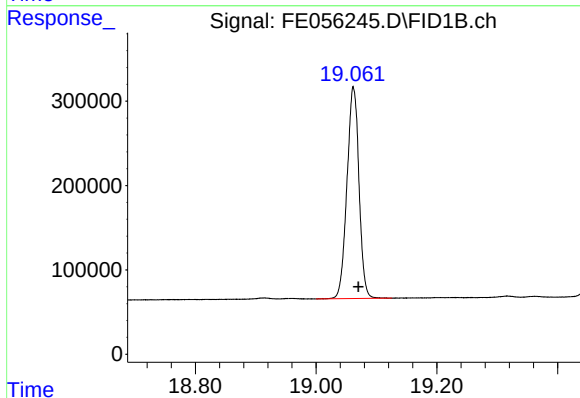
R.T.: 17.338 min  
Delta R.T.: -0.006 min  
Response: 3128845  
Conc: 22.46 ug/ml



#17 n-Tricontane (C30)

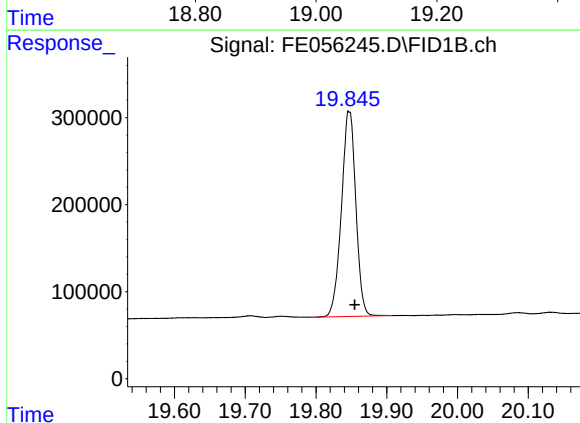
R.T.: 18.228 min  
Delta R.T.: -0.007 min  
Response: 3337181  
Conc: 22.52 ug/ml

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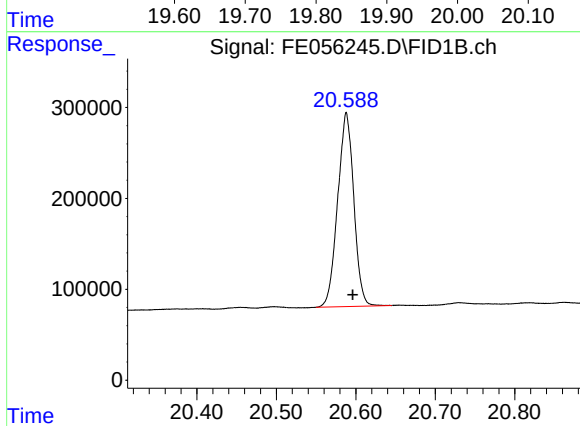
#18 n-Dotriacontane (C32)

R.T.: 19.062 min  
Delta R.T.: -0.008 min  
Response: 3469520  
Conc: 23.25 ug/ml



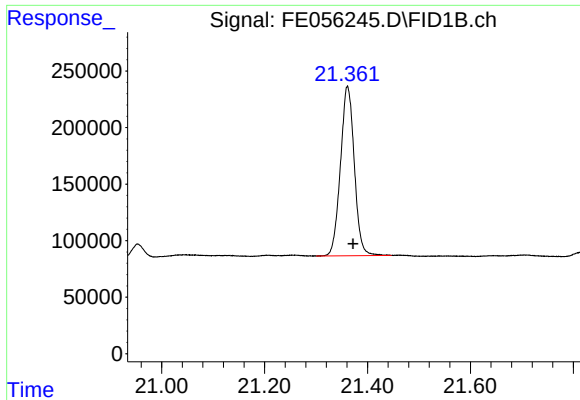
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min  
Delta R.T.: -0.008 min  
Response: 3337646  
Conc: 23.60 ug/ml



#20 n-Hexatriacontane (C36)

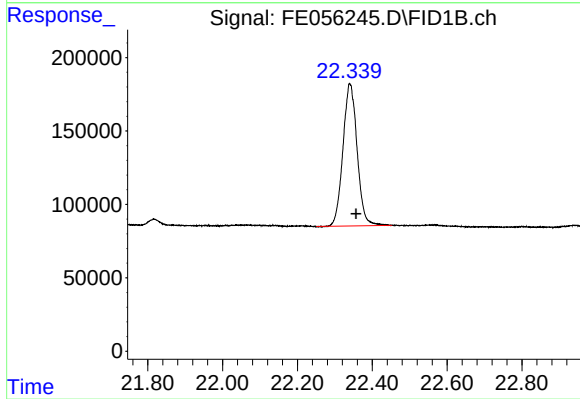
R.T.: 20.588 min  
Delta R.T.: -0.008 min  
Response: 3003821  
Conc: 23.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.361 min  
Delta R.T.: -0.010 min  
Response: 2800428  
Conc: 21.32 ug/ml

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

R.T.: 22.340 min  
Delta R.T.: -0.016 min  
Response: 2549227  
Conc: 21.43 ug/ml