

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111723AL\  
 Data File : FE045418.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Nov 2023 11:05  
 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: Nov 17 21:33:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 04 05:16:05 2023  
 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)    | 11.871 | 3565914    | 18.677 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.35%       |
| 12) S 1-chlorooctadecane (S... | 13.314 | 2563006    | 18.608 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.22%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.260  | 3104459    | 18.792 ug/ml |
| 2) T n-Decane (C10)            | 4.511  | 3155603    | 18.819 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 3327962    | 18.644 ug/ml |
| 4) T n-Dodecane (C12)          | 6.677  | 3155615    | 18.685 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.306  | 3182458    | 18.533 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.503  | 3095919    | 18.576 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.113 | 3128825    | 18.601 ug/ml |
| 8) T n-Octadecane (C18)        | 11.558 | 3106626    | 18.561 ug/ml |
| 10) T n-Eicosane (C20)         | 12.870 | 2972400    | 18.764 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.483 | 2871266    | 18.674 ug/ml |
| 13) T n-Docosane (C22)         | 14.070 | 2887369    | 19.057 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.174 | 2933179    | 19.804 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.197 | 2986850    | 20.492 ug/ml |
| 16) T n-Octacosane (C28)       | 17.149 | 3109340    | 21.278 ug/ml |
| 17) T n-Tricontane (C30)       | 18.038 | 3323170    | 21.878 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.872 | 3420052    | 21.892 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.657 | 3184721    | 20.397 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.399 | 3155455    | 19.440 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.134 | 3165347    | 19.052 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.039 | 3102134    | 18.162 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

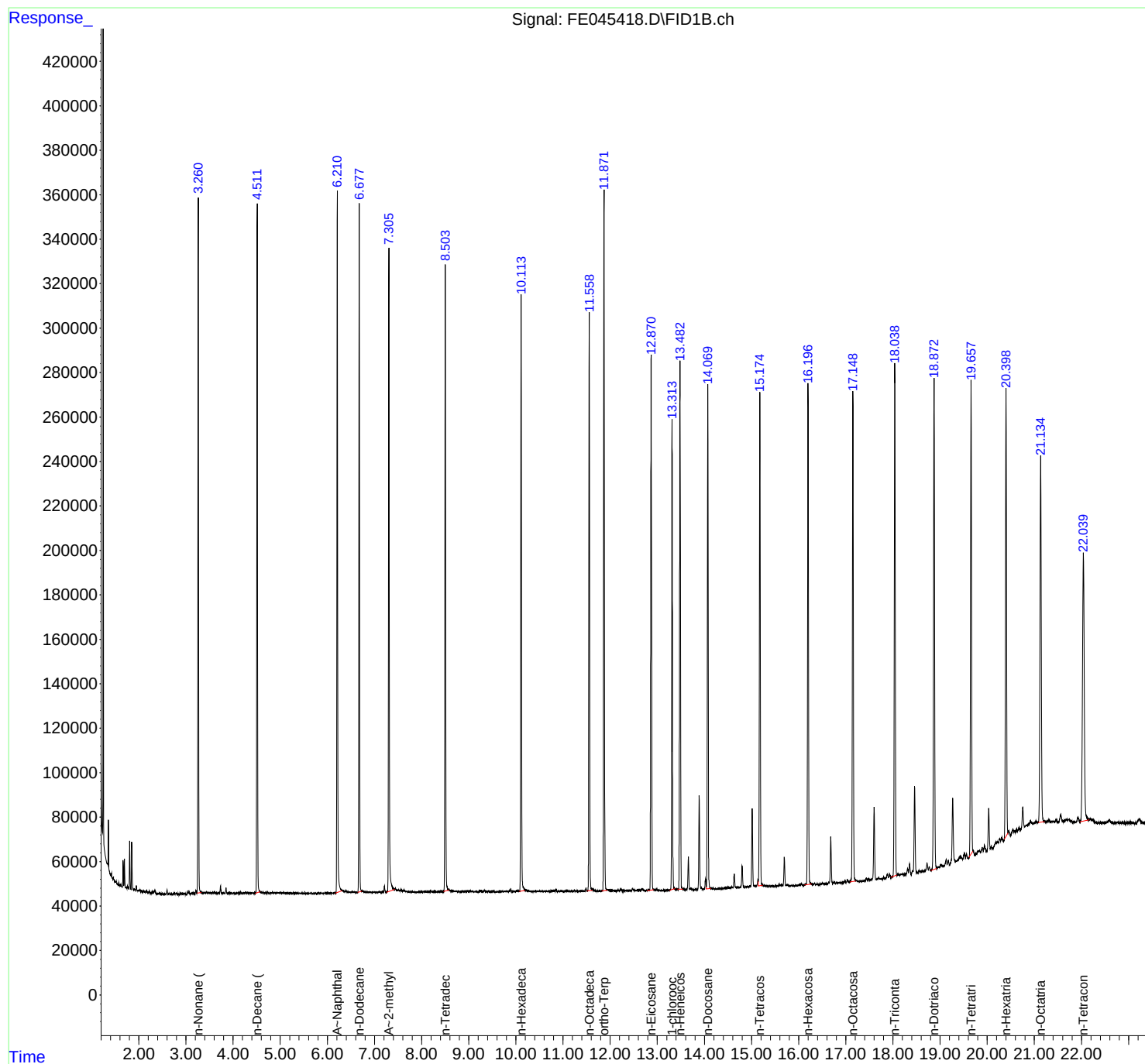
(m)=manual int.

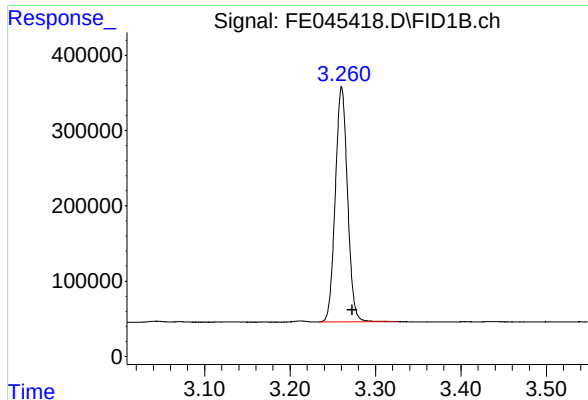
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111723AL\  
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QLast Update : Sat Nov 04 05:16:05 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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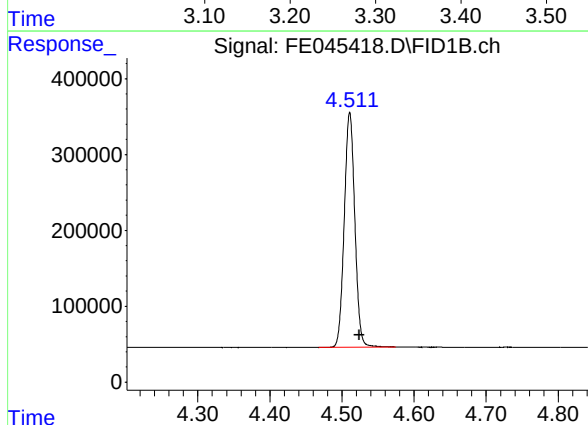




#1 n-Nonane (C9)

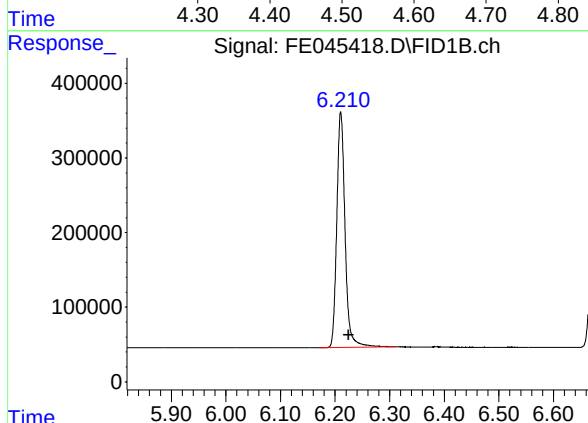
R.T.: 3.260 min  
Delta R.T.: -0.013 min  
Response: 3104459  
Conc: 18.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



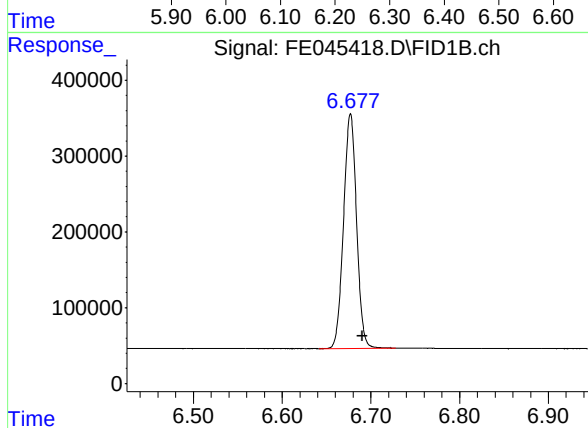
#2 n-Decane (C10)

R.T.: 4.511 min  
Delta R.T.: -0.013 min  
Response: 3155603  
Conc: 18.82 ug/ml



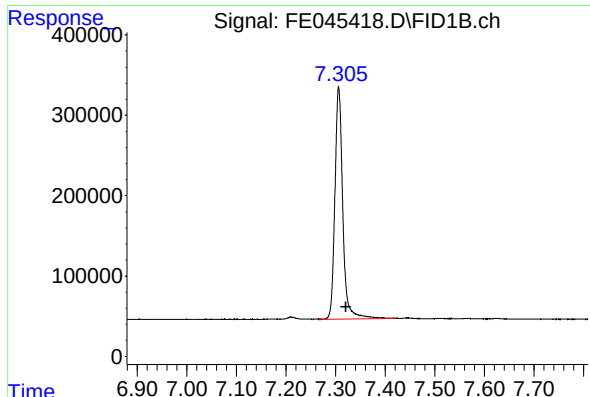
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min  
Delta R.T.: -0.014 min  
Response: 3327962  
Conc: 18.64 ug/ml



#4 n-Dodecane (C12)

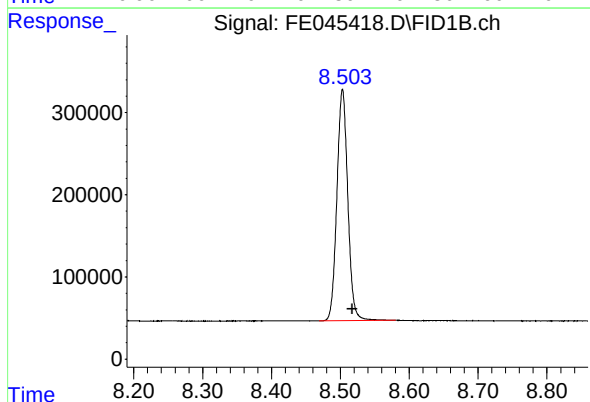
R.T.: 6.677 min  
Delta R.T.: -0.013 min  
Response: 3155615  
Conc: 18.68 ug/ml



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

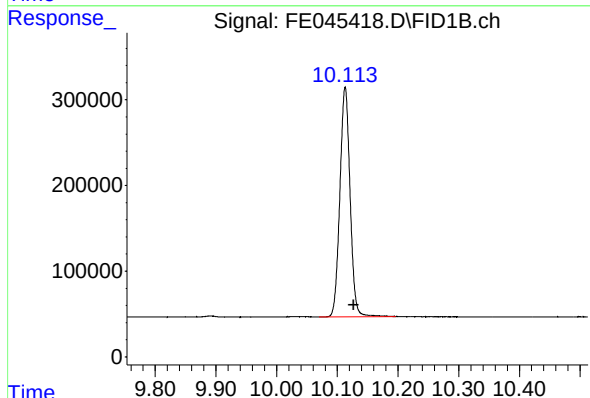
R.T.: 7.306 min  
Delta R.T.: -0.015 min  
Response: 3182458  
Conc: 18.53 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



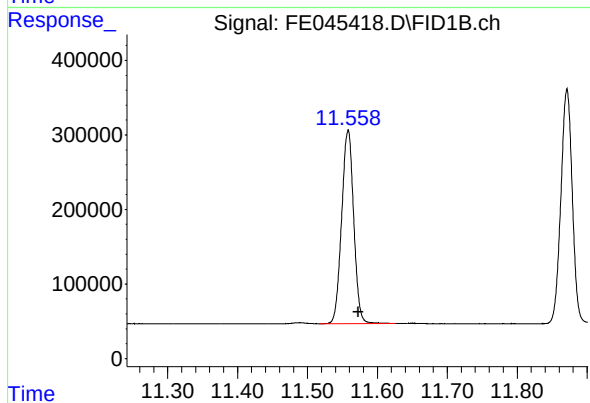
#6 n-Tetradecane (C14)

R.T.: 8.503 min  
Delta R.T.: -0.014 min  
Response: 3095919  
Conc: 18.58 ug/ml



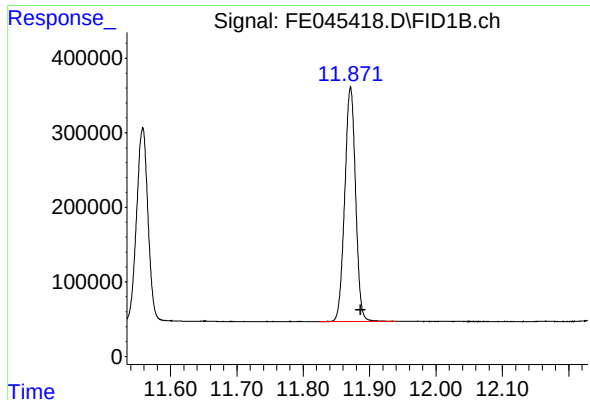
#7 n-Hexadecane (C16)

R.T.: 10.113 min  
Delta R.T.: -0.014 min  
Response: 3128825  
Conc: 18.60 ug/ml



#8 n-Octadecane (C18)

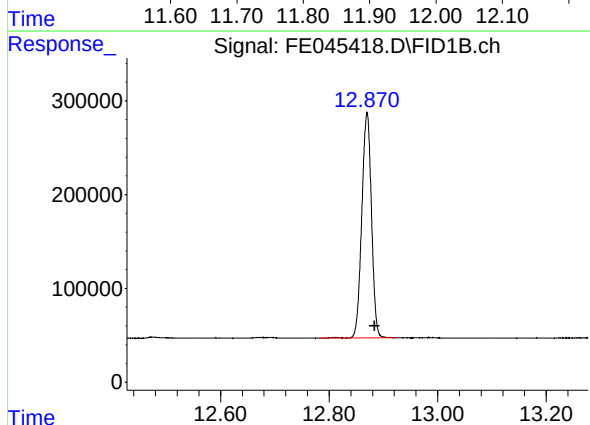
R.T.: 11.558 min  
Delta R.T.: -0.015 min  
Response: 3106626  
Conc: 18.56 ug/ml



#9 ortho-Terphenyl (SURR)

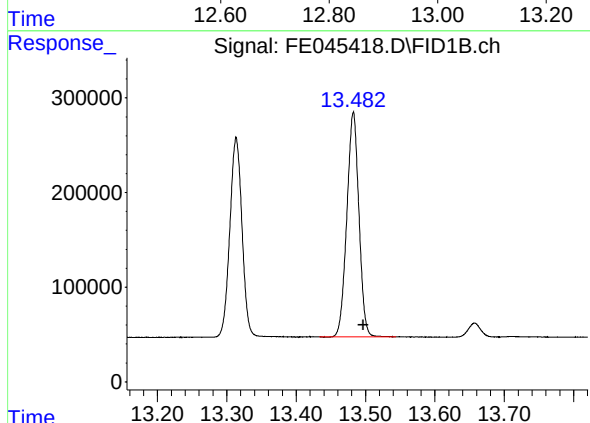
R.T.: 11.871 min  
Delta R.T.: -0.015 min  
Response: 3565914  
Conc: 18.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



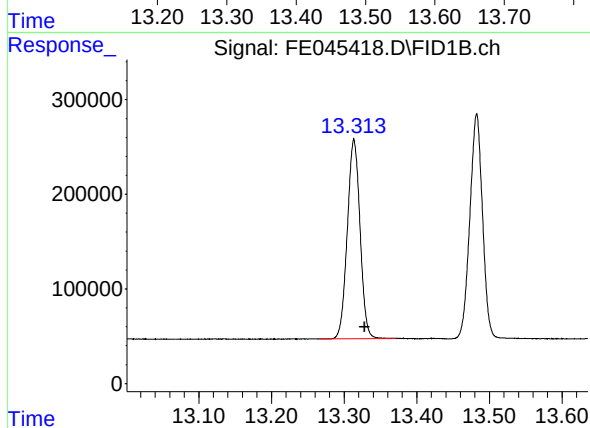
#10 n-Eicosane (C20)

R.T.: 12.870 min  
Delta R.T.: -0.014 min  
Response: 2972400  
Conc: 18.76 ug/ml



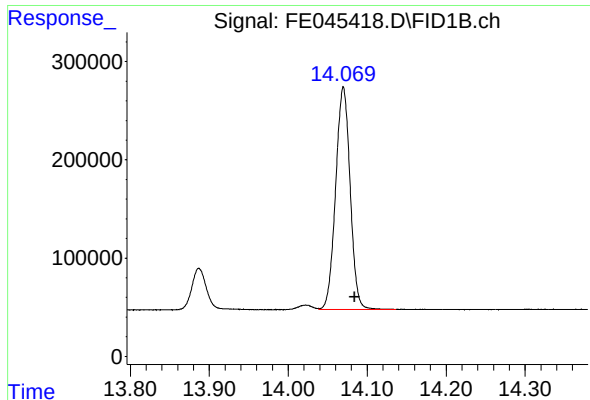
#11 n-Heneicosane (C21)

R.T.: 13.483 min  
Delta R.T.: -0.014 min  
Response: 2871266  
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

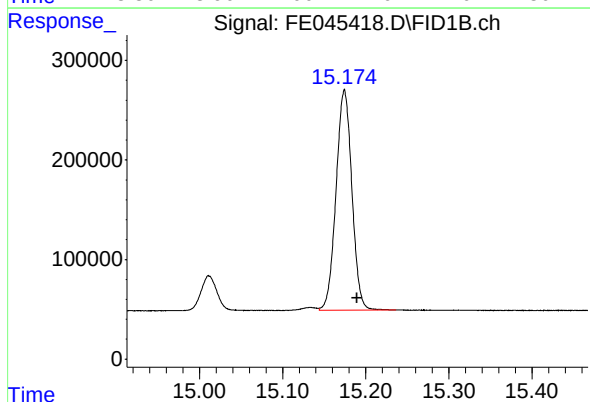
R.T.: 13.314 min  
Delta R.T.: -0.015 min  
Response: 2563006  
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

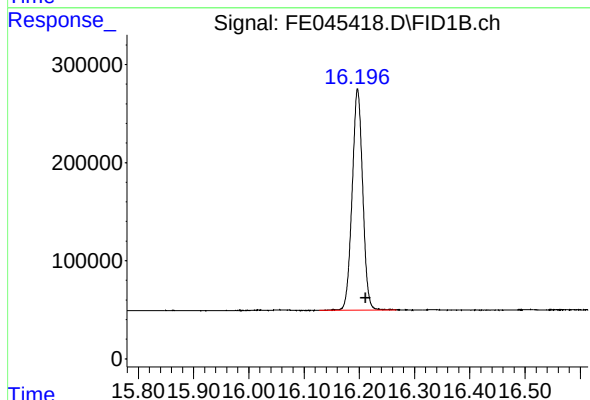
R.T.: 14.070 min  
Delta R.T.: -0.014 min  
Response: 2887369  
Conc: 19.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



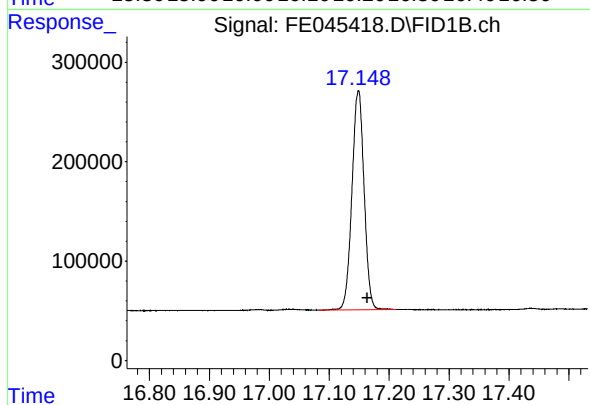
#14 n-Tetracosane (C24)

R.T.: 15.174 min  
Delta R.T.: -0.015 min  
Response: 2933179  
Conc: 19.80 ug/ml



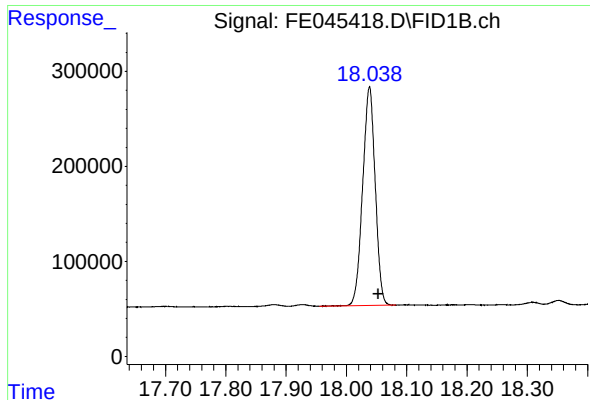
#15 n-Hexacosane (C26)

R.T.: 16.197 min  
Delta R.T.: -0.015 min  
Response: 2986850  
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

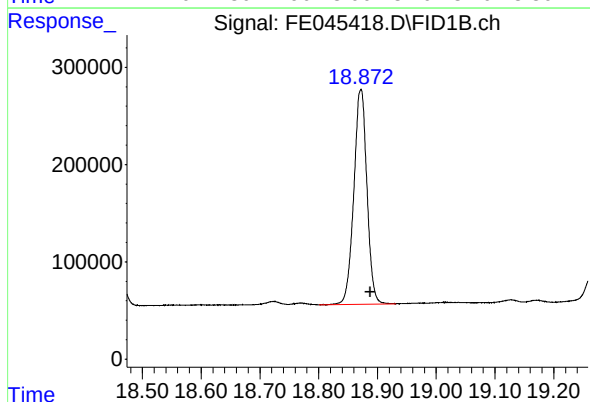
R.T.: 17.149 min  
Delta R.T.: -0.015 min  
Response: 3109340  
Conc: 21.28 ug/ml



#17 n-Tricontane (C30)

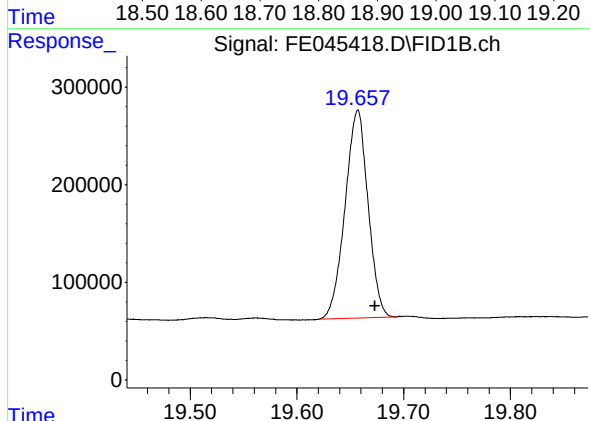
R.T.: 18.038 min  
Delta R.T.: -0.014 min  
Response: 3323170  
Conc: 21.88 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



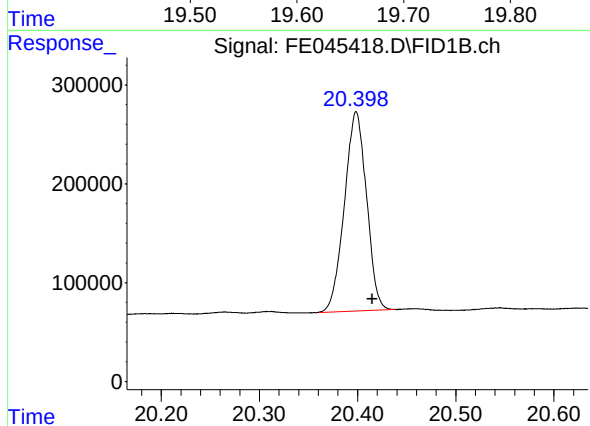
#18 n-Dotriacontane (C32)

R.T.: 18.872 min  
Delta R.T.: -0.016 min  
Response: 3420052  
Conc: 21.89 ug/ml



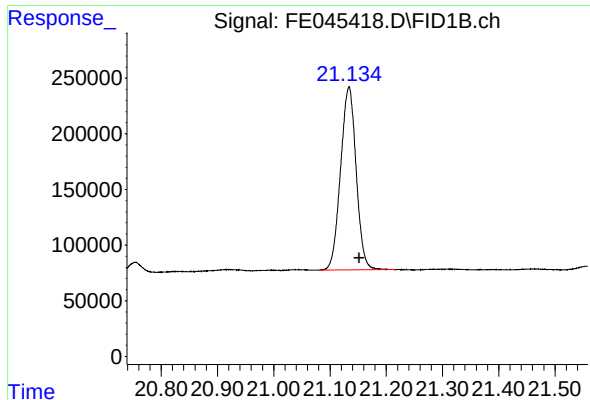
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min  
Delta R.T.: -0.016 min  
Response: 3184721  
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

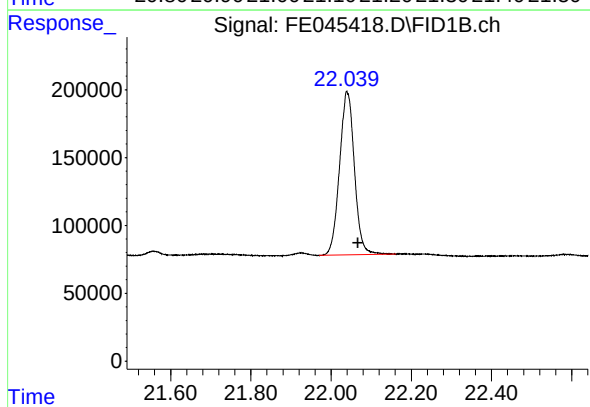
R.T.: 20.399 min  
Delta R.T.: -0.016 min  
Response: 3155455  
Conc: 19.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min  
Delta R.T.: -0.018 min  
Response: 3165347  
Conc: 19.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.039 min  
Delta R.T.: -0.028 min  
Response: 3102134  
Conc: 18.16 ug/ml