

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052223AL\  
 Data File : FE042136.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 May 2023 09:00  
 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: May 23 09:25:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.958 | 3722294    | 21.080 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.16%       |
| 12) S 1-chlorooctadecane (S... | 13.393 | 2774134    | 20.877 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.75%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.341  | 2947196    | 20.439 ug/ml |
| 2) T n-Decane (C10)            | 4.592  | 3009963    | 20.333 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.298  | 3334805    | 20.439 ug/ml |
| 4) T n-Dodecane (C12)          | 6.759  | 3069847    | 20.472 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.394  | 3243151    | 20.435 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.588  | 3076355    | 20.535 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.195 | 3224372    | 20.700 ug/ml |
| 8) T n-Octadecane (C18)        | 11.638 | 3294460    | 20.833 ug/ml |
| 10) T n-Eicosane (C20)         | 12.948 | 3184264    | 21.007 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.560 | 3124122    | 21.087 ug/ml |
| 13) T n-Docosane (C22)         | 14.147 | 3092651    | 21.096 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.249 | 3041309    | 21.068 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.270 | 2929321    | 21.151 ug/ml |
| 16) T n-Octacosane (C28)       | 17.219 | 2814250    | 21.020 ug/ml |
| 17) T n-Tricontane (C30)       | 18.105 | 2842002    | 21.053 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.938 | 2776472    | 20.783 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.721 | 2618843    | 19.914 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.463 | 2459005    | 18.919 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.208 | 2413667    | 17.790 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.139 | 2335527    | 16.788 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

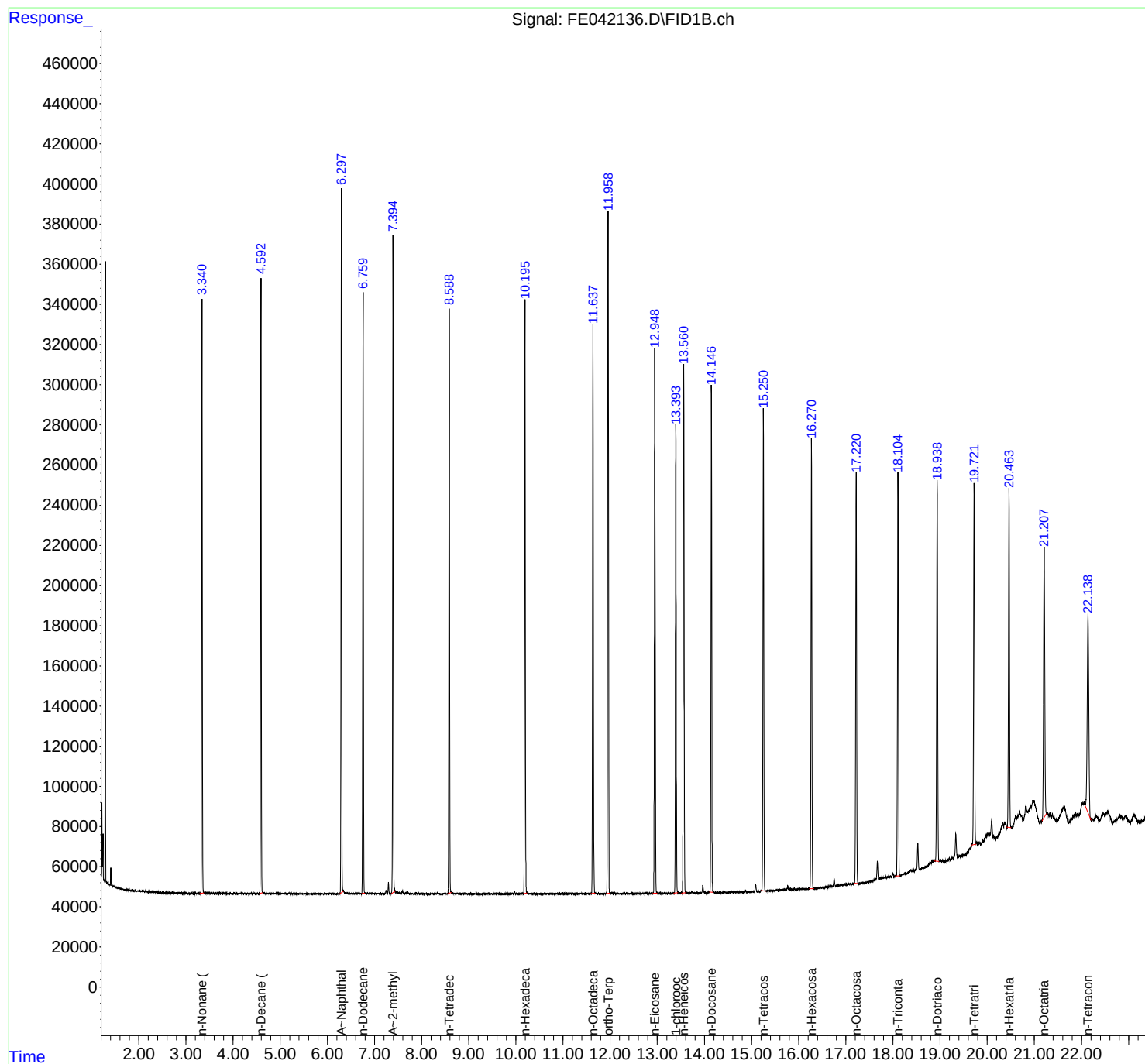
(m)=manual int.

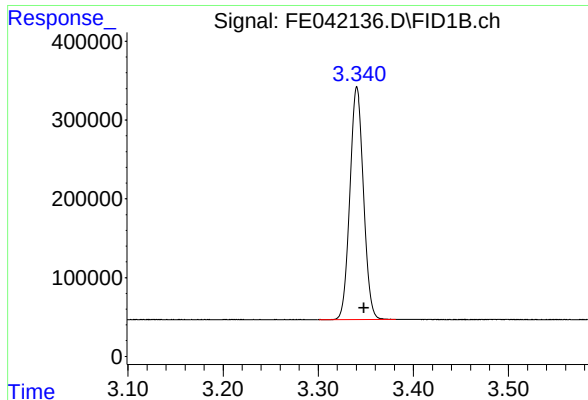
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052223AL\  
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ALS Vial : 2 Sample Multiplier: 1

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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
Quant Title : GC Extractables  
QLast Update : Thu May 18 06:27:12 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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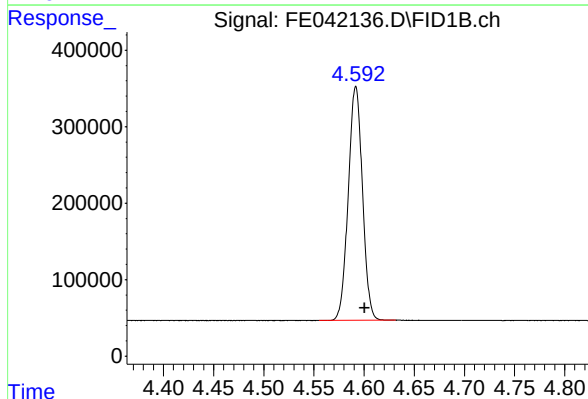




#1 n-Nonane (C9)

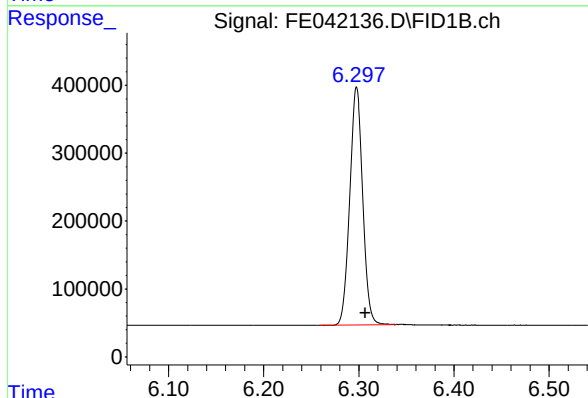
R.T.: 3.341 min  
Delta R.T.: -0.007 min  
Response: 2947196  
Conc: 20.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



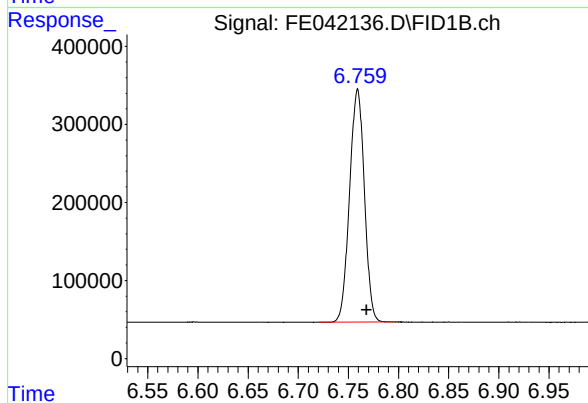
#2 n-Decane (C10)

R.T.: 4.592 min  
Delta R.T.: -0.009 min  
Response: 3009963  
Conc: 20.33 ug/ml



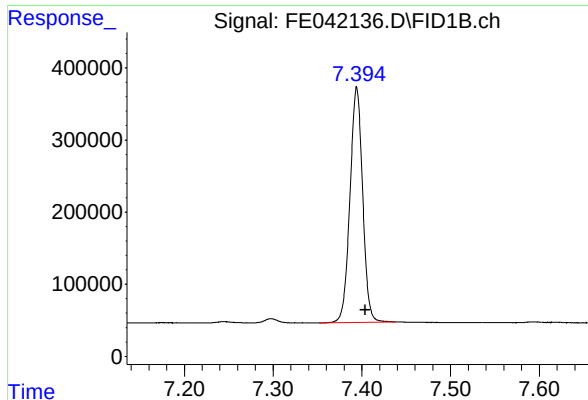
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min  
Delta R.T.: -0.009 min  
Response: 3334805  
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

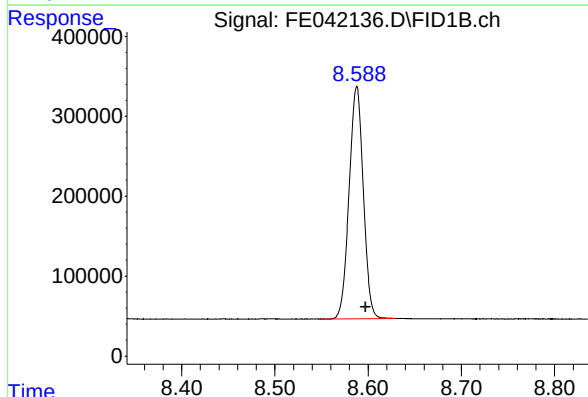
R.T.: 6.759 min  
Delta R.T.: -0.009 min  
Response: 3069847  
Conc: 20.47 ug/ml



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

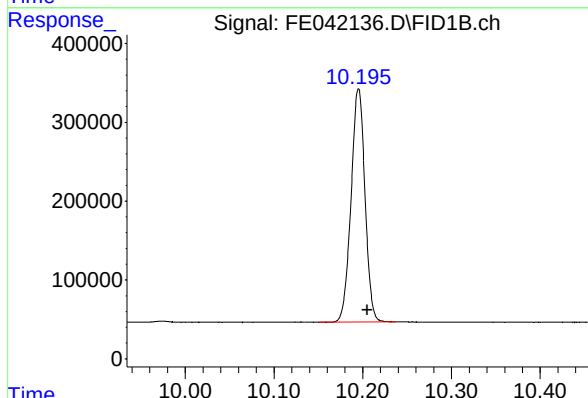
R.T.: 7.394 min  
Delta R.T.: -0.009 min  
Response: 3243151  
Conc: 20.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



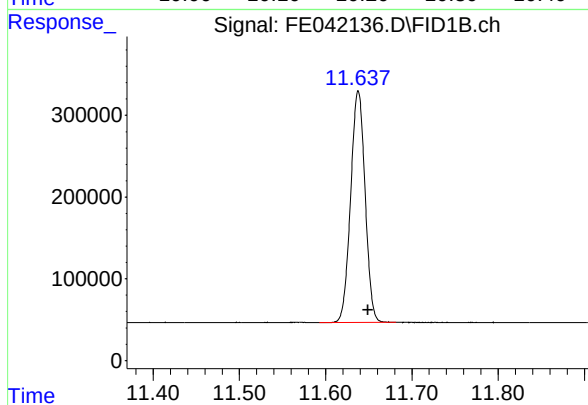
#6 n-Tetradecane (C14)

R.T.: 8.588 min  
Delta R.T.: -0.009 min  
Response: 3076355  
Conc: 20.54 ug/ml



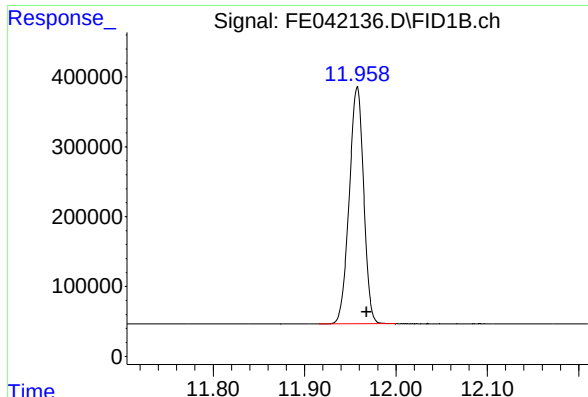
#7 n-Hexadecane (C16)

R.T.: 10.195 min  
Delta R.T.: -0.010 min  
Response: 3224372  
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.638 min  
Delta R.T.: -0.011 min  
Response: 3294460  
Conc: 20.83 ug/ml



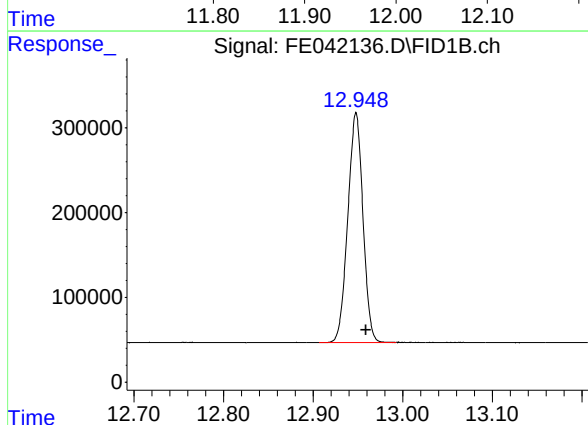
#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min  
Delta R.T.: -0.010 min  
Response: 3722294  
Conc: 21.08 ug/ml

Instrument :

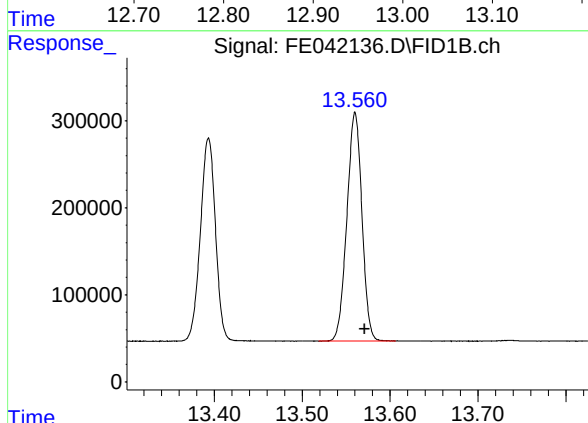
FID\_E

ClientSampleId :



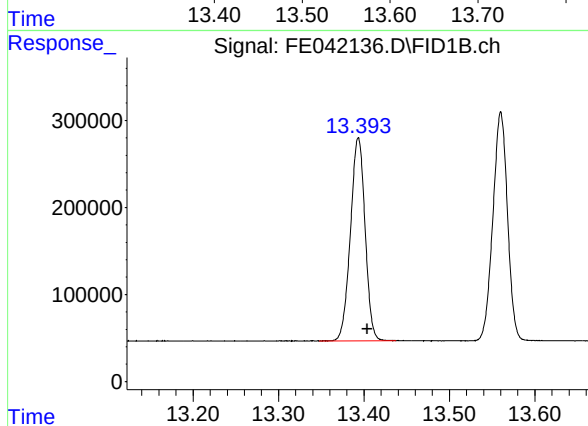
#10 n-Eicosane (C20)

R.T.: 12.948 min  
Delta R.T.: -0.011 min  
Response: 3184264  
Conc: 21.01 ug/ml



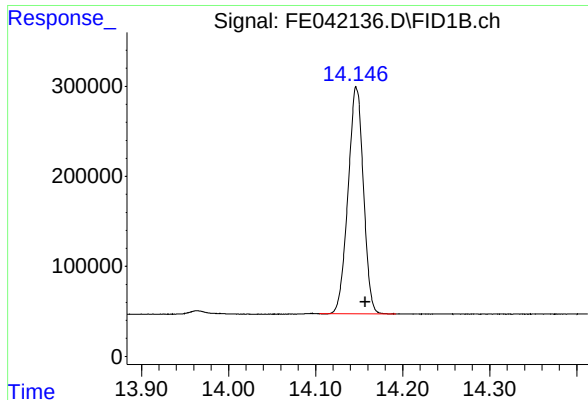
#11 n-Heneicosane (C21)

R.T.: 13.560 min  
Delta R.T.: -0.011 min  
Response: 3124122  
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

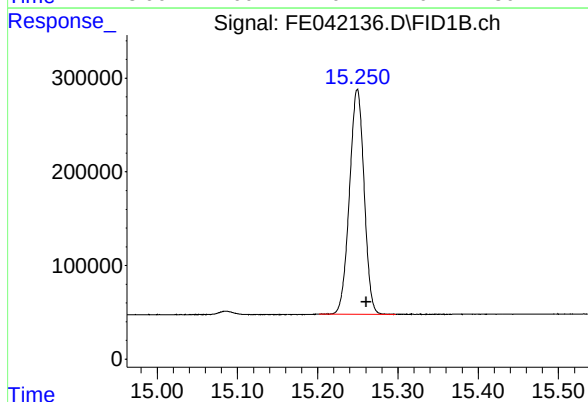
R.T.: 13.393 min  
Delta R.T.: -0.011 min  
Response: 2774134  
Conc: 20.88 ug/ml



#13 n-Docosane (C22)

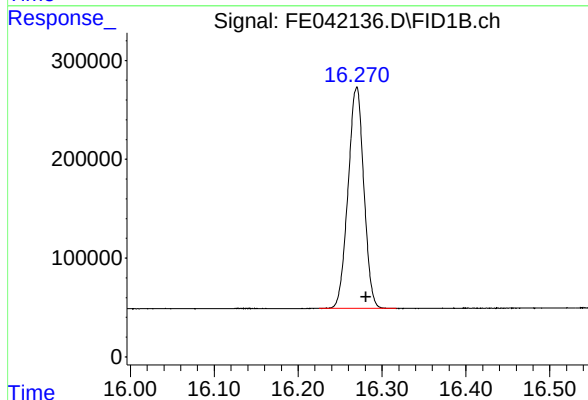
R.T.: 14.147 min  
Delta R.T.: -0.010 min  
Response: 3092651  
Conc: 21.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



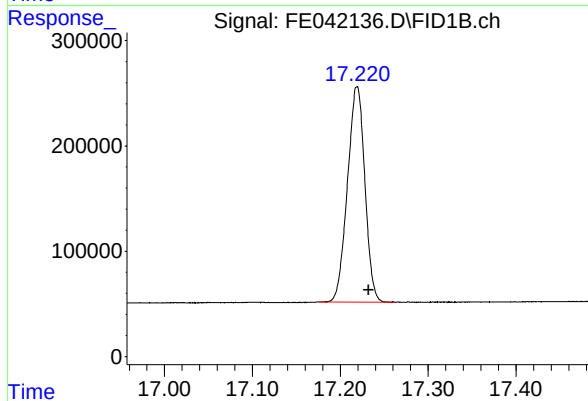
#14 n-Tetracosane (C24)

R.T.: 15.249 min  
Delta R.T.: -0.011 min  
Response: 3041309  
Conc: 21.07 ug/ml



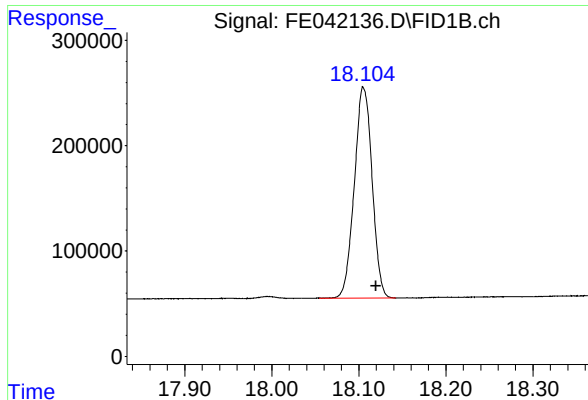
#15 n-Hexacosane (C26)

R.T.: 16.270 min  
Delta R.T.: -0.011 min  
Response: 2929321  
Conc: 21.15 ug/ml



#16 n-Octacosane (C28)

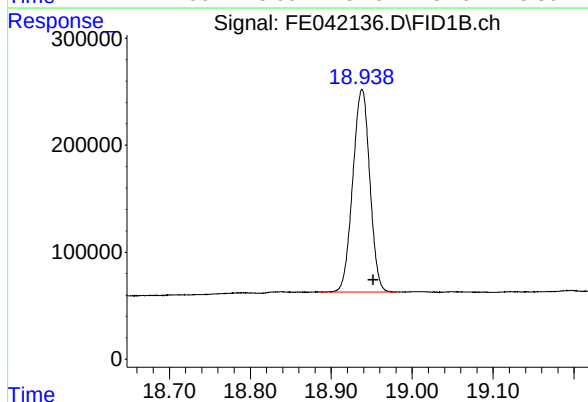
R.T.: 17.219 min  
Delta R.T.: -0.013 min  
Response: 2814250  
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

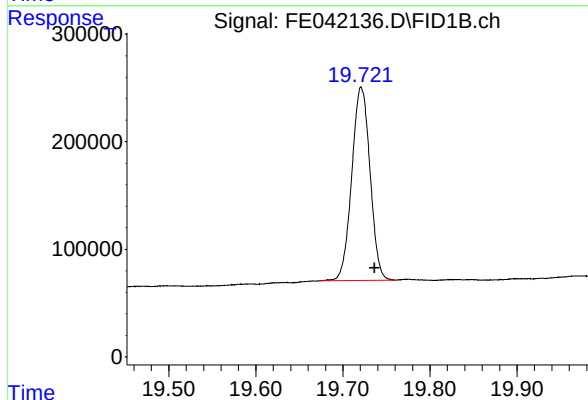
R.T.: 18.105 min  
Delta R.T.: -0.015 min  
Response: 2842002  
Conc: 21.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



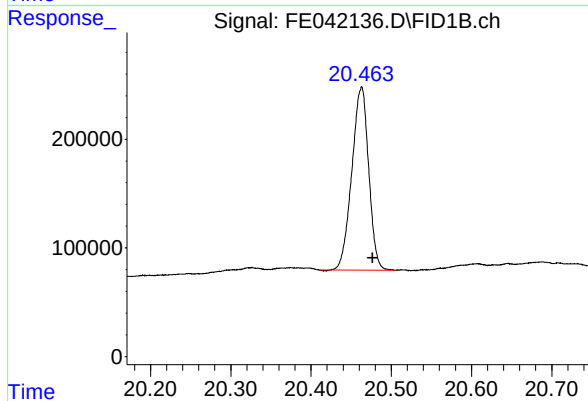
#18 n-Dotriacontane (C32)

R.T.: 18.938 min  
Delta R.T.: -0.014 min  
Response: 2776472  
Conc: 20.78 ug/ml



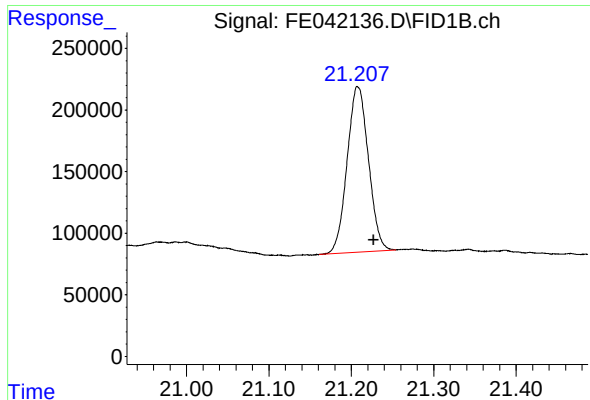
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min  
Delta R.T.: -0.016 min  
Response: 2618843  
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

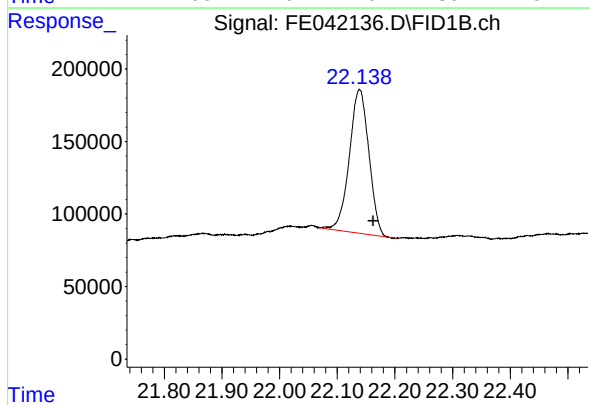
R.T.: 20.463 min  
Delta R.T.: -0.014 min  
Response: 2459005  
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min  
Delta R.T.: -0.020 min  
Response: 2413667  
Conc: 17.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.139 min  
Delta R.T.: -0.024 min  
Response: 2335527  
Conc: 16.79 ug/ml