

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032323AL\  
 Data File : FE040970.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Mar 2023 12:00  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 24 02:54:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 28 03:05:09 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)    | 11.866 | 3564452    | 19.080 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.16%       |
| 12) S 1-chlorooctadecane (S... | 13.303 | 2756958    | 18.628 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.26%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.263  | 3188179    | 20.719 ug/ml |
| 2) T n-Decane (C10)            | 4.510  | 3170266    | 21.072 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.213  | 3457031    | 20.842 ug/ml |
| 4) T n-Dodecane (C12)          | 6.674  | 3231489    | 21.109 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.309  | 3132272    | 20.696 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.501  | 3254297    | 21.056 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.108 | 3345158    | 20.710 ug/ml |
| 8) T n-Octadecane (C18)        | 11.550 | 3405183    | 20.055 ug/ml |
| 10) T n-Eicosane (C20)         | 12.859 | 3271756    | 19.340 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.471 | 3246504    | 18.946 ug/ml |
| 13) T n-Docosane (C22)         | 14.058 | 3192348    | 18.635 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.161 | 3110477    | 18.043 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.182 | 2973857    | 17.497 ug/ml |
| 16) T n-Octacosane (C28)       | 17.134 | 2922701    | 17.428 ug/ml |
| 17) T n-Tricontane (C30)       | 18.022 | 2915353    | 17.855 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.856 | 2963631    | 17.316 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.641 | 2912600    | 18.839 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.381 | 2741108    | 18.868 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.110 | 2809792    | 20.441 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.998 | 2877797    | 18.624 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

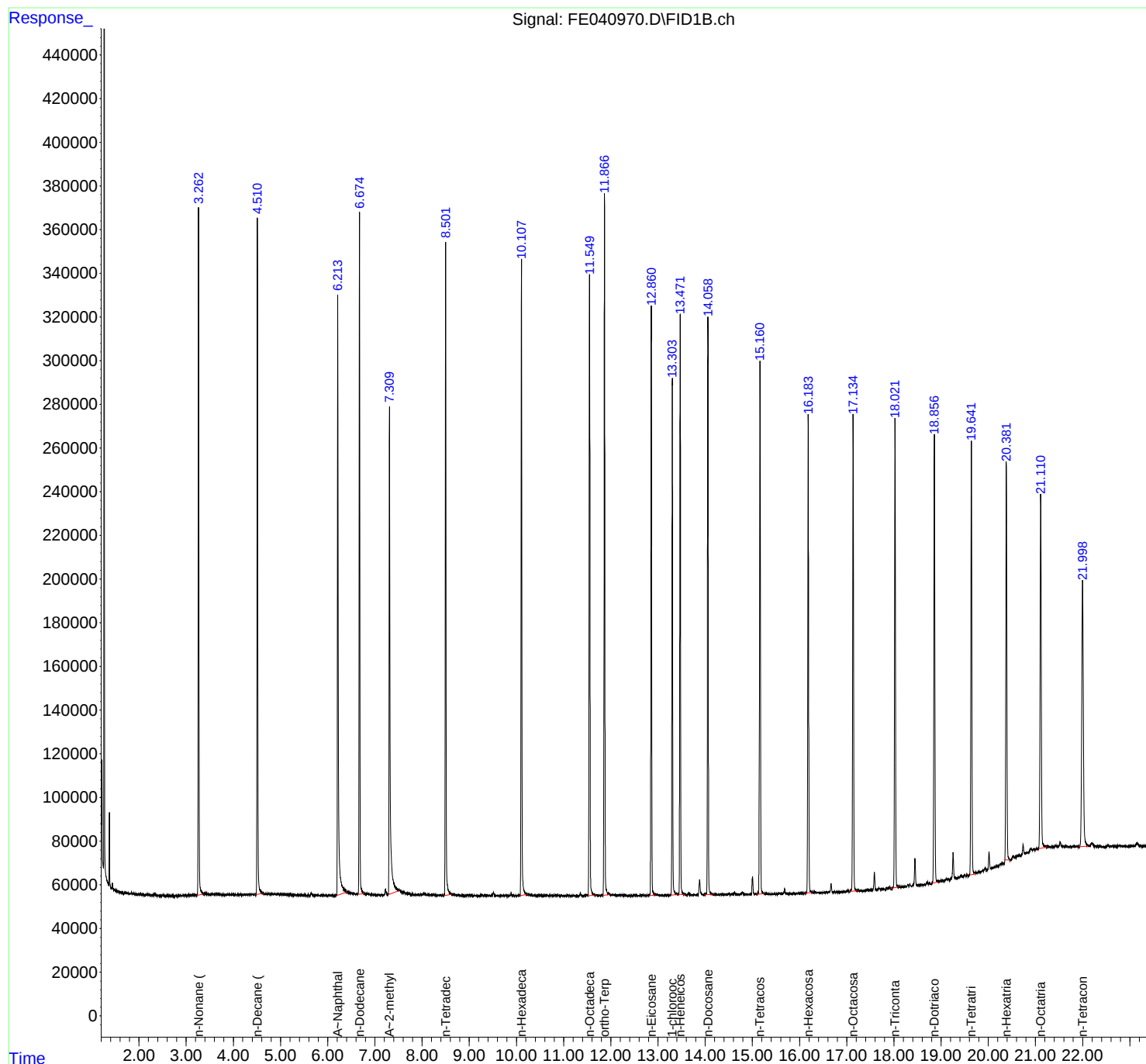
(m)=manual int.

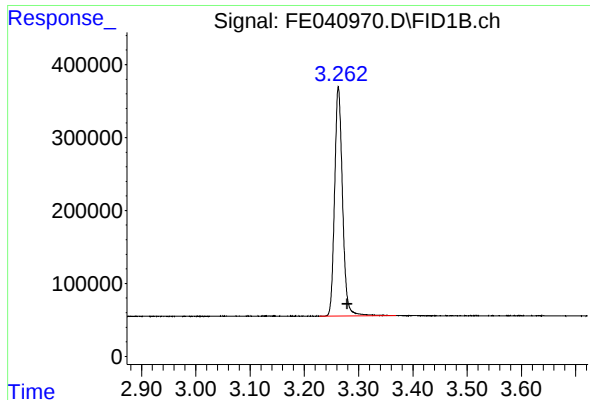
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032323AL\  
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Signal(s) : FID1B.ch  
Acq On : 23 Mar 2023 12:00  
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Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Signal Phase : Rxi-1ms  
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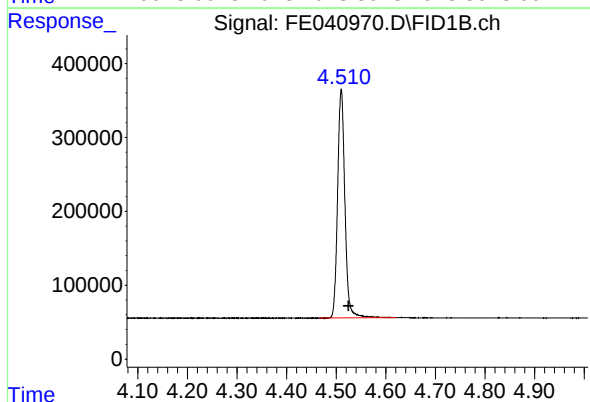




#1 n-Nonane (C9)

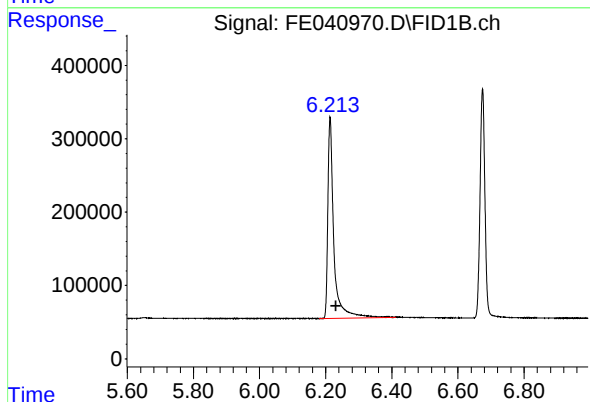
R.T.: 3.263 min  
Delta R.T.: -0.016 min  
Response: 3188179  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



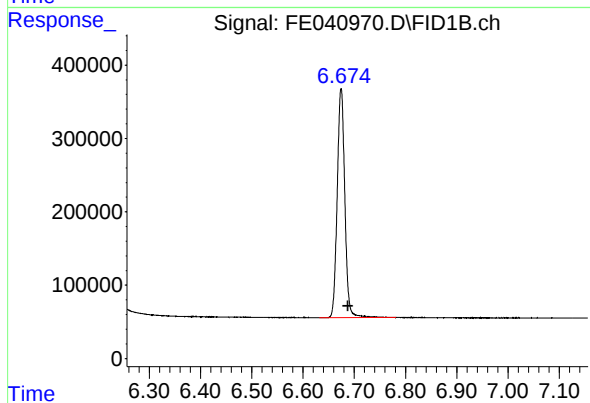
#2 n-Decane (C10)

R.T.: 4.510 min  
Delta R.T.: -0.015 min  
Response: 3170266  
Conc: 21.07 ug/ml



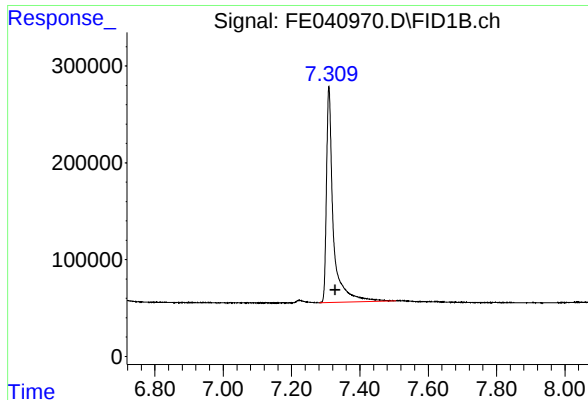
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min  
Delta R.T.: -0.018 min  
Response: 3457031  
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.674 min  
Delta R.T.: -0.013 min  
Response: 3231489  
Conc: 21.11 ug/ml



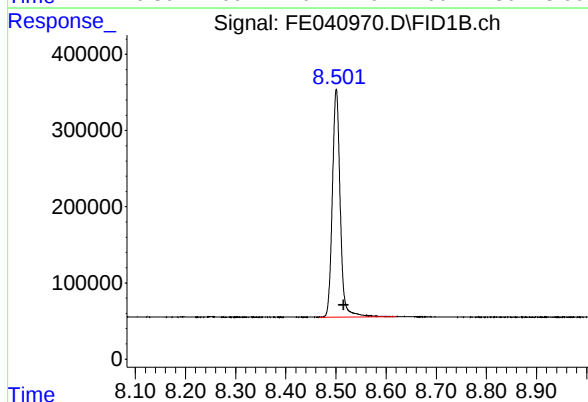
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.309 min  
Delta R.T.: -0.019 min  
Response: 3132272  
Conc: 20.70 ug/ml

Instrument :

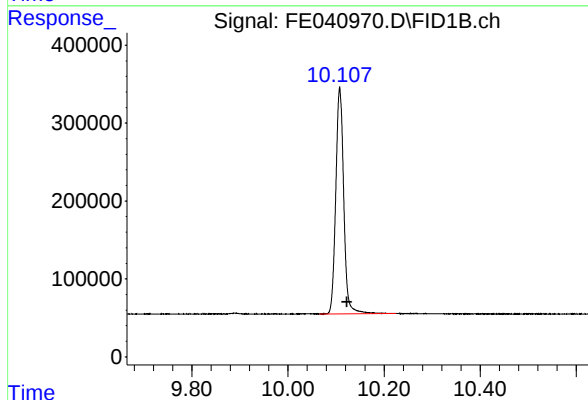
FID\_E

ClientSampleId :



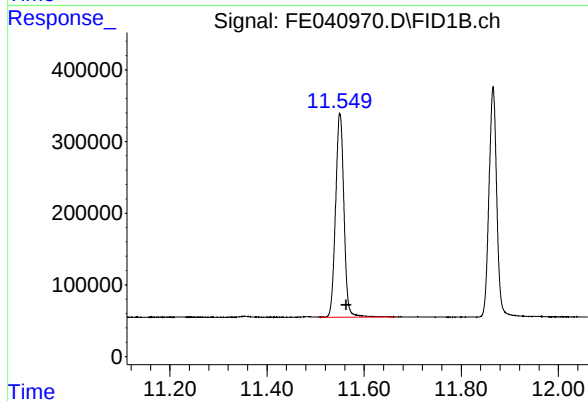
#6 n-Tetradecane (C14)

R.T.: 8.501 min  
Delta R.T.: -0.015 min  
Response: 3254297  
Conc: 21.06 ug/ml



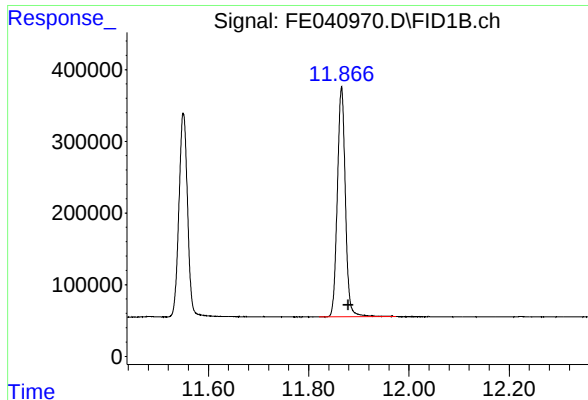
#7 n-Hexadecane (C16)

R.T.: 10.108 min  
Delta R.T.: -0.015 min  
Response: 3345158  
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

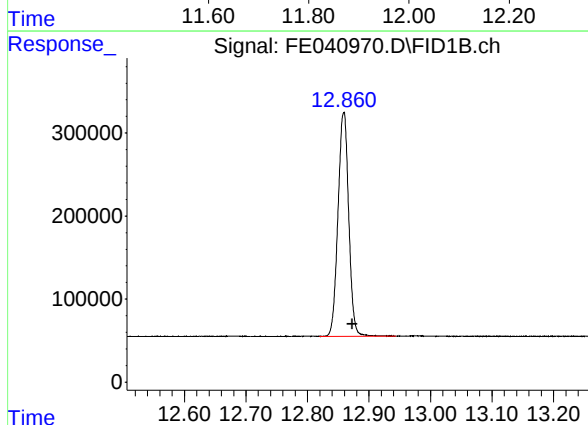
R.T.: 11.550 min  
Delta R.T.: -0.013 min  
Response: 3405183  
Conc: 20.05 ug/ml



#9 ortho-Terphenyl (SURR)

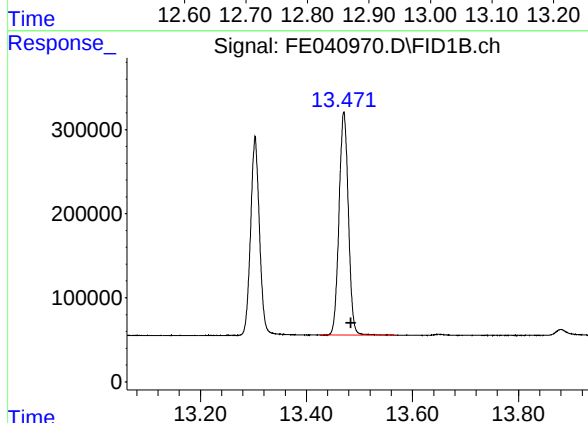
R.T.: 11.866 min  
Delta R.T.: -0.013 min  
Response: 3564452  
Conc: 19.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



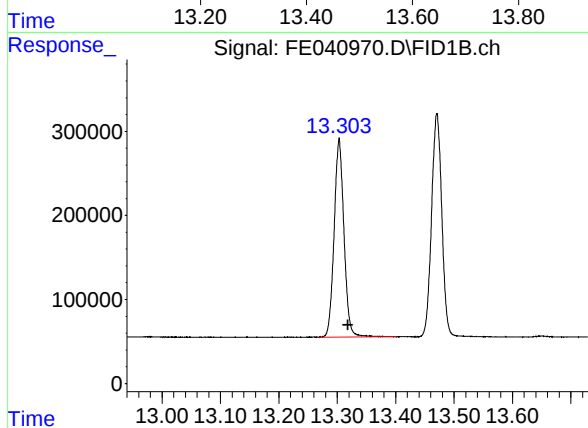
#10 n-Eicosane (C20)

R.T.: 12.859 min  
Delta R.T.: -0.014 min  
Response: 3271756  
Conc: 19.34 ug/ml



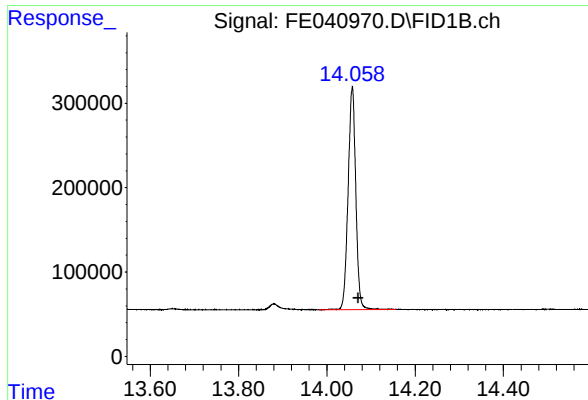
#11 n-Heneicosane (C21)

R.T.: 13.471 min  
Delta R.T.: -0.013 min  
Response: 3246504  
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

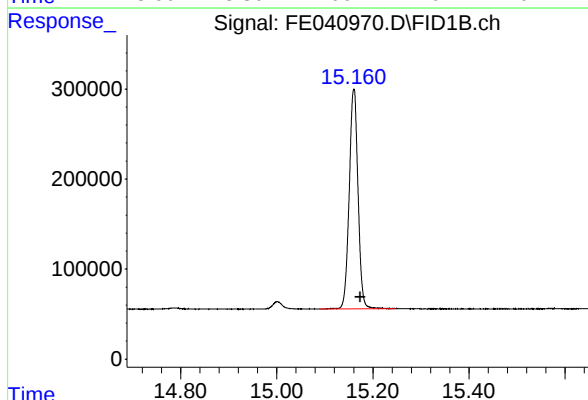
R.T.: 13.303 min  
Delta R.T.: -0.015 min  
Response: 2756958  
Conc: 18.63 ug/ml



#13 n-Docosane (C22)

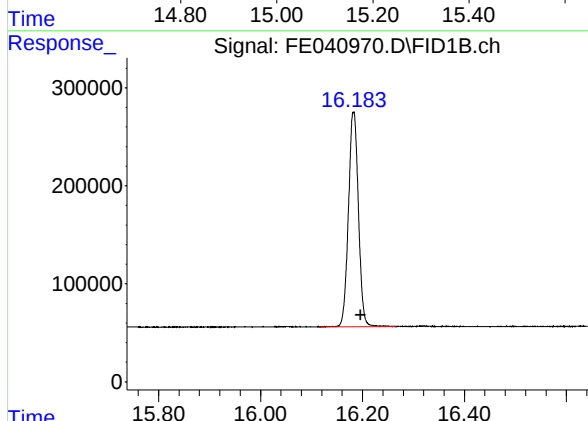
R.T.: 14.058 min  
Delta R.T.: -0.014 min  
Response: 3192348  
Conc: 18.63 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



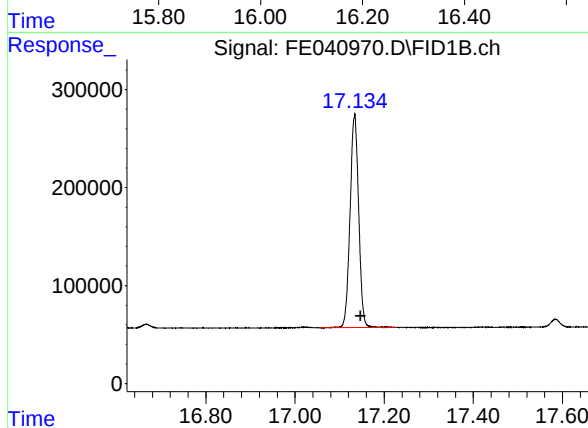
#14 n-Tetracosane (C24)

R.T.: 15.161 min  
Delta R.T.: -0.014 min  
Response: 3110477  
Conc: 18.04 ug/ml



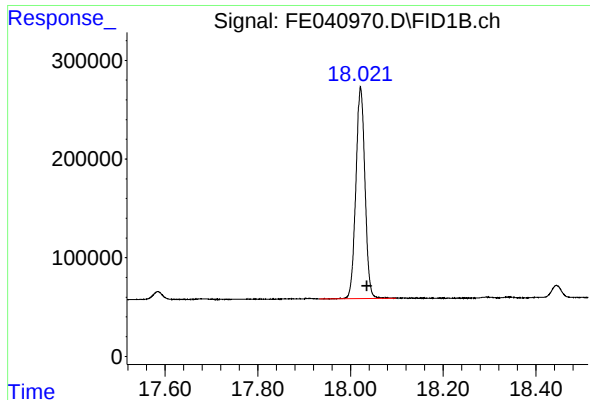
#15 n-Hexacosane (C26)

R.T.: 16.182 min  
Delta R.T.: -0.014 min  
Response: 2973857  
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

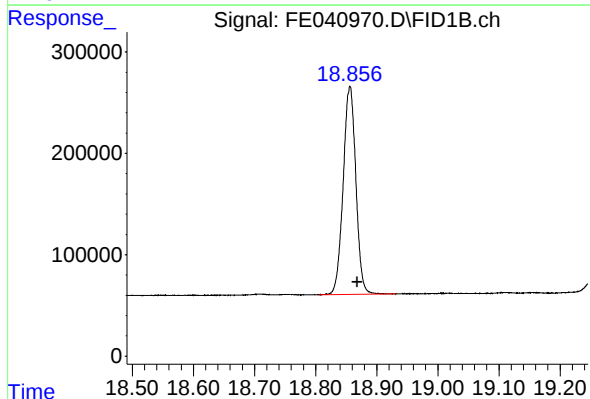
R.T.: 17.134 min  
Delta R.T.: -0.014 min  
Response: 2922701  
Conc: 17.43 ug/ml



#17 n-Tricontane (C30)

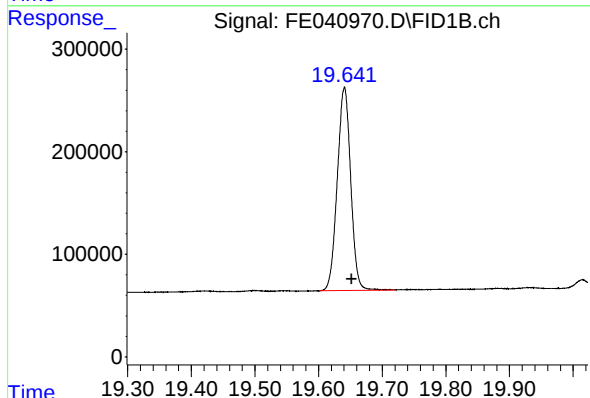
R.T.: 18.022 min  
Delta R.T.: -0.014 min  
Response: 2915353  
Conc: 17.85 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



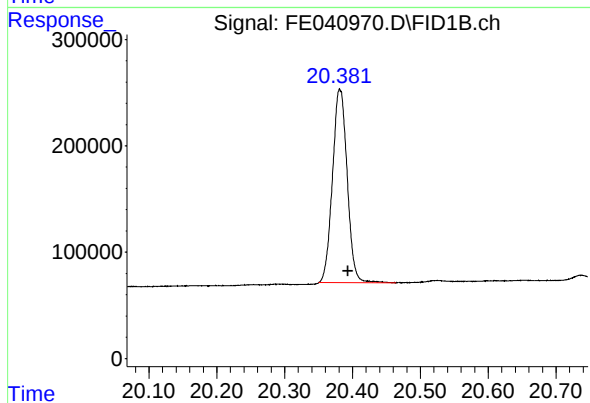
#18 n-Dotriacontane (C32)

R.T.: 18.856 min  
Delta R.T.: -0.012 min  
Response: 2963631  
Conc: 17.32 ug/ml



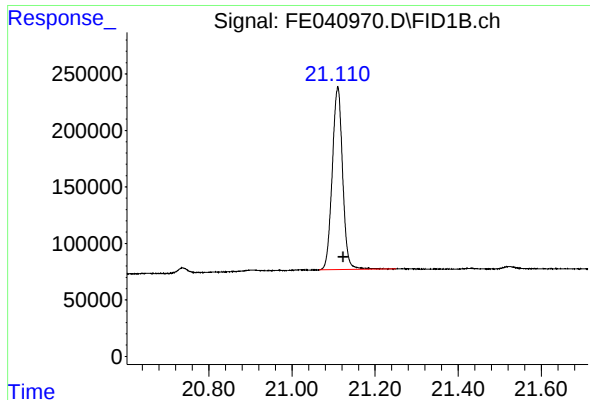
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min  
Delta R.T.: -0.011 min  
Response: 2912600  
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

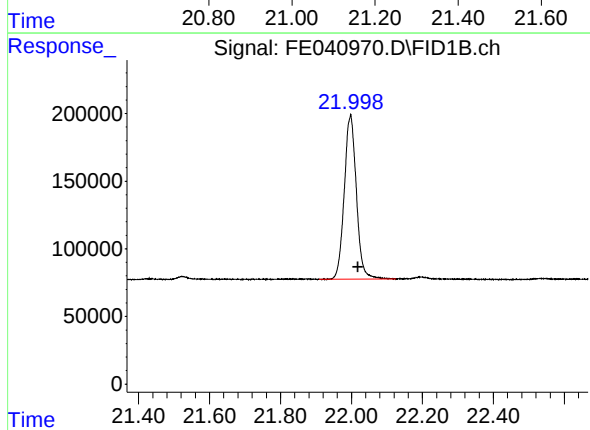
R.T.: 20.381 min  
Delta R.T.: -0.012 min  
Response: 2741108  
Conc: 18.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min  
Delta R.T.: -0.013 min  
Response: 2809792  
Conc: 20.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.998 min  
Delta R.T.: -0.021 min  
Response: 2877797  
Conc: 18.62 ug/ml