

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010322AL\  
 Data File : FD040365.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Jan 2022 22:00  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 04 09:17:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 29 02:26:30 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 10.674 | 3561330    | 22.860 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 45.72%       |
| 12) S 1-chlorooctadecane (S... | 12.108 | 2610552    | 21.647 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.29%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.617  | 3259443    | 24.838 ug/ml |
| 2) T n-Decane (C10)            | 3.607  | 3322600    | 25.101 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.142  | 3582851    | 24.282 ug/ml |
| 4) T n-Dodecane (C12)          | 5.577  | 3340316    | 25.152 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.182  | 3539718    | 23.854 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.353  | 3373153    | 24.399 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.939  | 3319771    | 24.211 ug/ml |
| 8) T n-Octadecane (C18)        | 10.370 | 3329035    | 23.574 ug/ml |
| 10) T n-Eicosane (C20)         | 11.670 | 3197206    | 22.869 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.278 | 3176256    | 22.449 ug/ml |
| 13) T n-Docosane (C22)         | 12.861 | 3096161    | 22.062 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.956 | 3002022    | 21.381 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.971 | 2858395    | 20.787 ug/ml |
| 16) T n-Octacosane (C28)       | 15.915 | 2794976    | 20.546 ug/ml |
| 17) T n-Tricontane (C30)       | 16.797 | 2732482    | 20.418 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.626 | 2555091    | 19.739 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.404 | 2366248    | 19.516 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.141 | 2101636    | 19.721 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.841 | 1962787    | 21.254 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.655 | 1619140    | 20.794 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

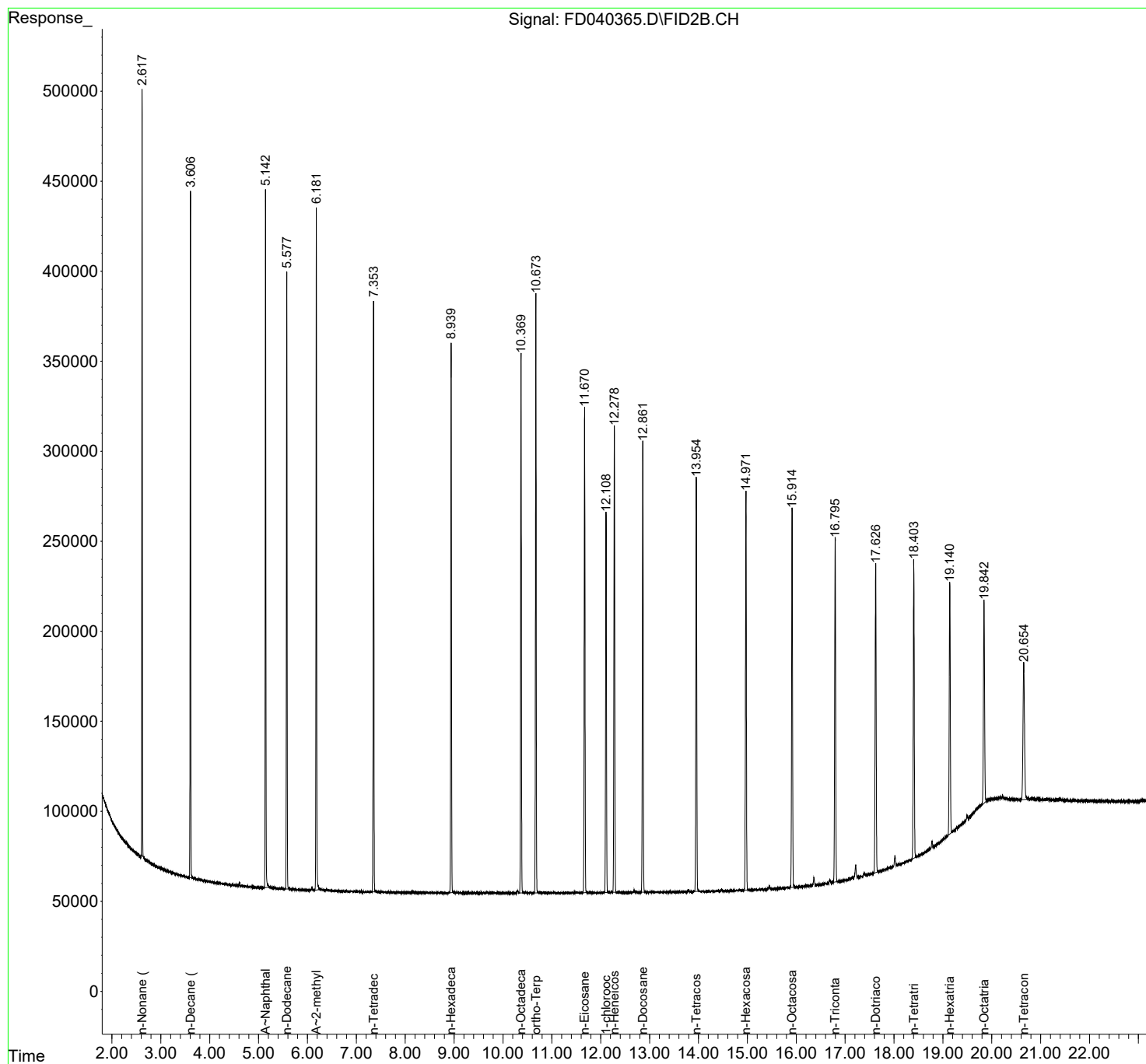
(m)=manual int.

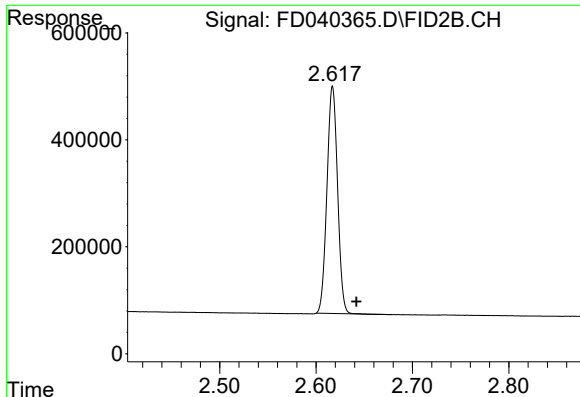
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010322AL\  
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Signal(s) : FID2B.CH  
Acq On : 03 Jan 2022 22:00  
Operator : AJ\MA  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122821.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 29 02:26:30 2021  
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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

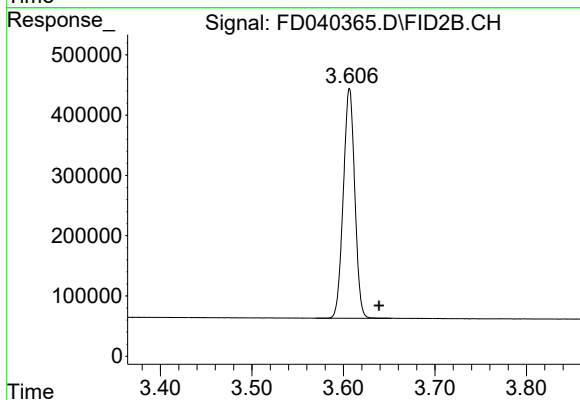




#1 n-Nonane (C9)

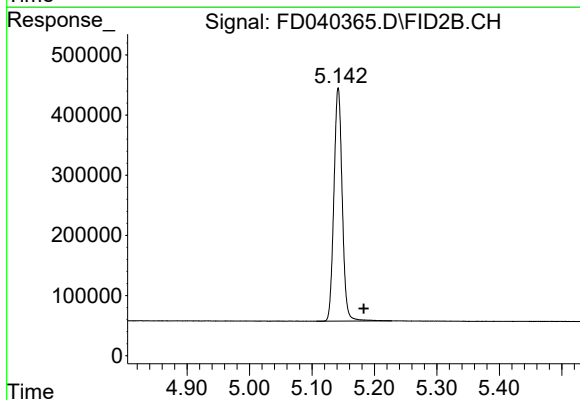
R.T.: 2.617 min  
Delta R.T.: -0.025 min  
Response: 3259443  
Conc: 24.84 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



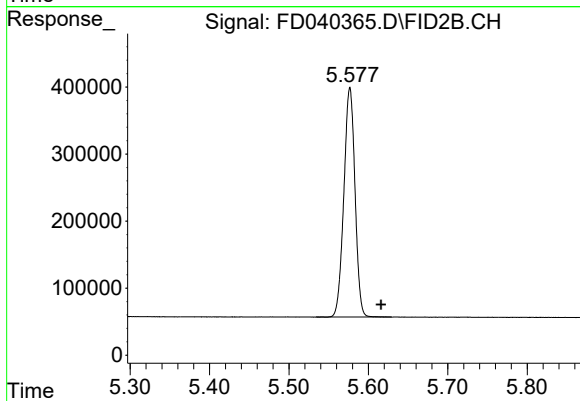
#2 n-Decane (C10)

R.T.: 3.607 min  
Delta R.T.: -0.032 min  
Response: 3322600  
Conc: 25.10 ug/ml



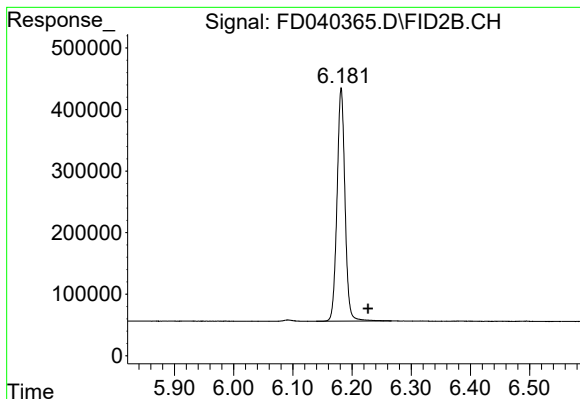
#3 A~Naphthalene (C11.7)

R.T.: 5.142 min  
Delta R.T.: -0.041 min  
Response: 3582851  
Conc: 24.28 ug/ml



#4 n-Dodecane (C12)

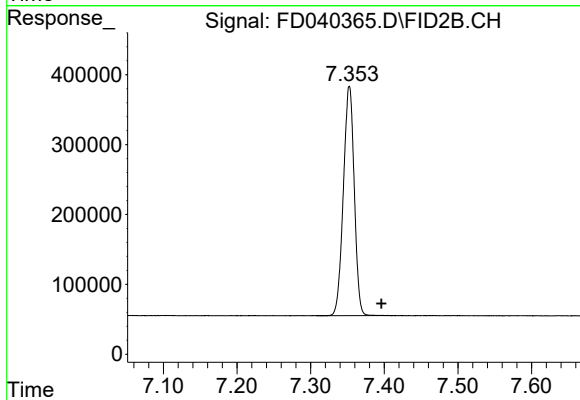
R.T.: 5.577 min  
Delta R.T.: -0.039 min  
Response: 3340316  
Conc: 25.15 ug/ml



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

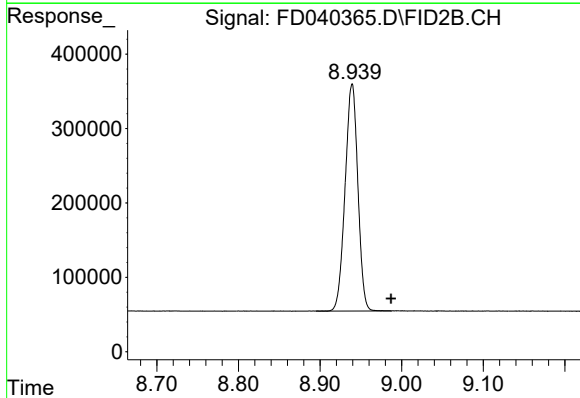
R.T.: 6.182 min  
Delta R.T.: -0.045 min  
Response: 3539718  
Conc: 23.85 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



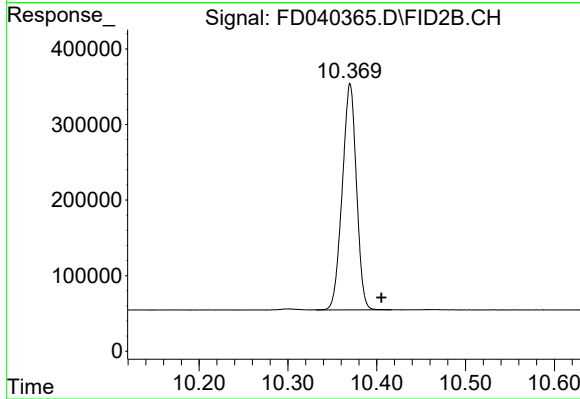
#6 n-Tetradecane (C14)

R.T.: 7.353 min  
Delta R.T.: -0.043 min  
Response: 3373153  
Conc: 24.40 ug/ml



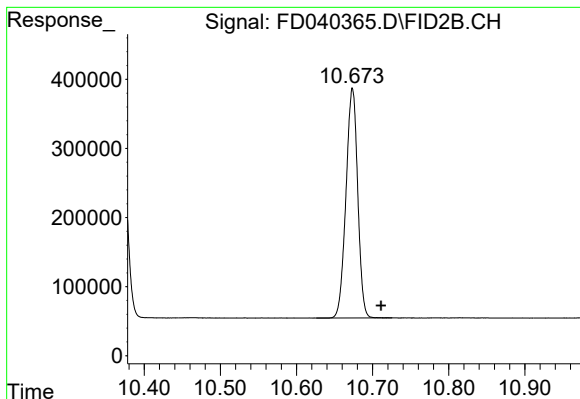
#7 n-Hexadecane (C16)

R.T.: 8.939 min  
Delta R.T.: -0.048 min  
Response: 3319771  
Conc: 24.21 ug/ml



#8 n-Octadecane (C18)

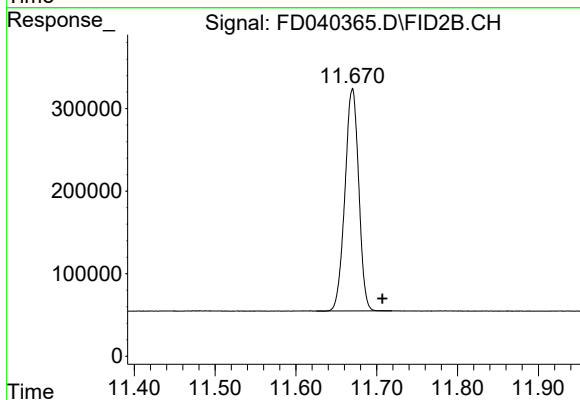
R.T.: 10.370 min  
Delta R.T.: -0.035 min  
Response: 3329035  
Conc: 23.57 ug/ml



#9 ortho-Terphenyl (SURR)

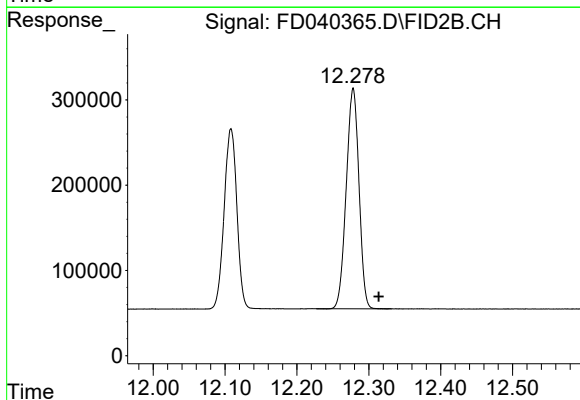
R.T.: 10.674 min  
Delta R.T.: -0.037 min  
Response: 3561330  
Conc: 22.86 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



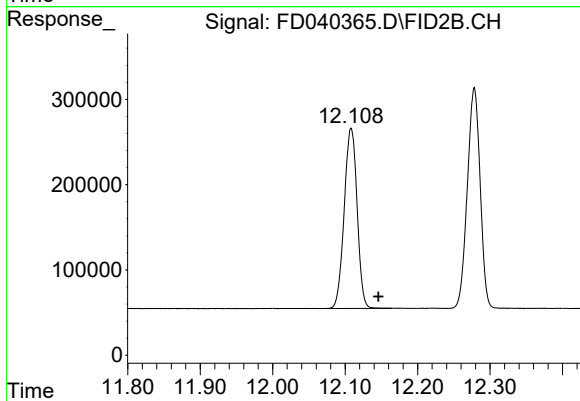
#10 n-Eicosane (C20)

R.T.: 11.670 min  
Delta R.T.: -0.037 min  
Response: 3197206  
Conc: 22.87 ug/ml



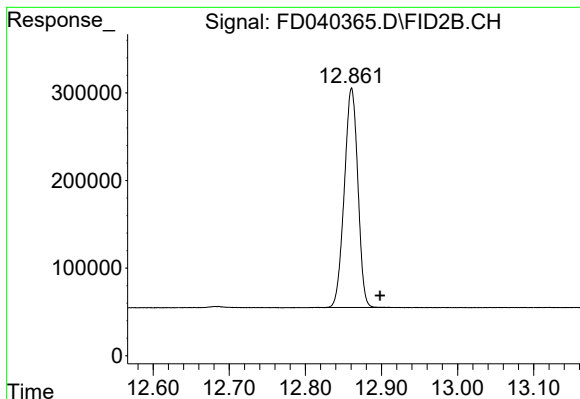
#11 n-Heneicosane (C21)

R.T.: 12.278 min  
Delta R.T.: -0.036 min  
Response: 3176256  
Conc: 22.45 ug/ml



#12 1-chlorooctadecane (SURR)

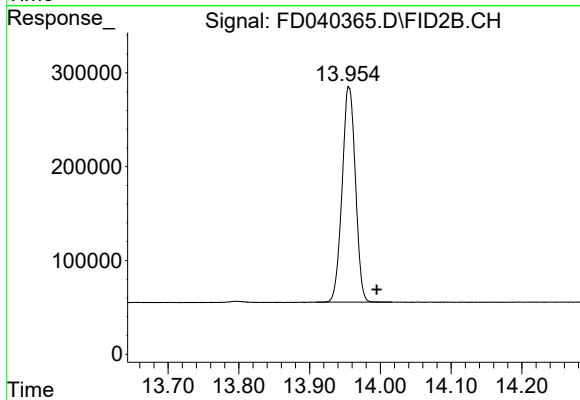
R.T.: 12.108 min  
Delta R.T.: -0.038 min  
Response: 2610552  
Conc: 21.65 ug/ml



#13 n-Docosane (C22)

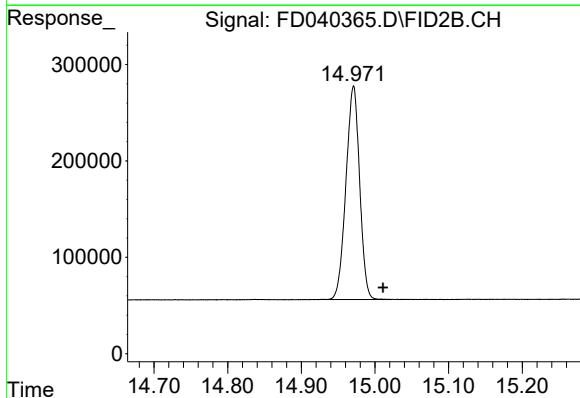
R.T.: 12.861 min  
Delta R.T.: -0.037 min  
Response: 3096161  
Conc: 22.06 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



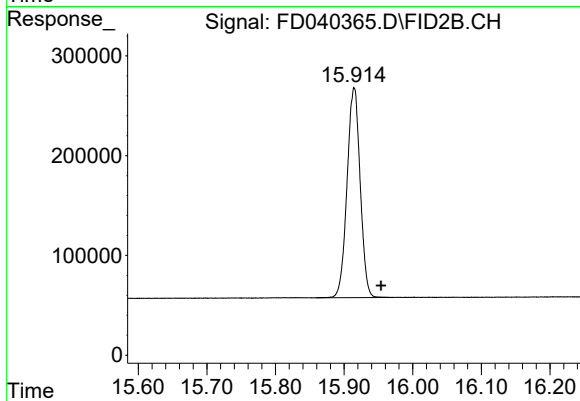
#14 n-Tetracosane (C24)

R.T.: 13.956 min  
Delta R.T.: -0.039 min  
Response: 3002022  
Conc: 21.38 ug/ml



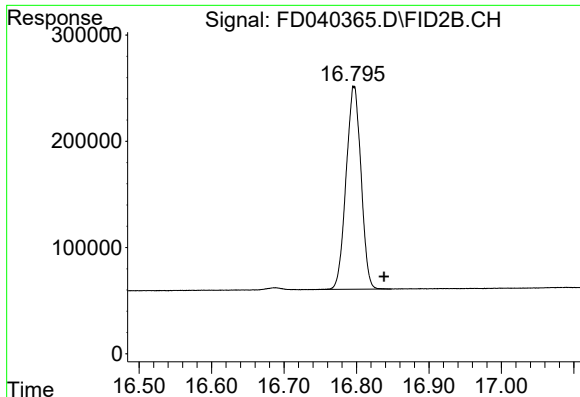
#15 n-Hexacosane (C26)

R.T.: 14.971 min  
Delta R.T.: -0.040 min  
Response: 2858395  
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

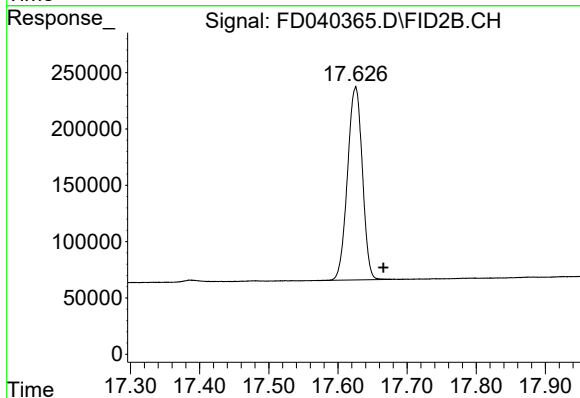
R.T.: 15.915 min  
Delta R.T.: -0.039 min  
Response: 2794976  
Conc: 20.55 ug/ml



#17 n-Tricontane (C30)

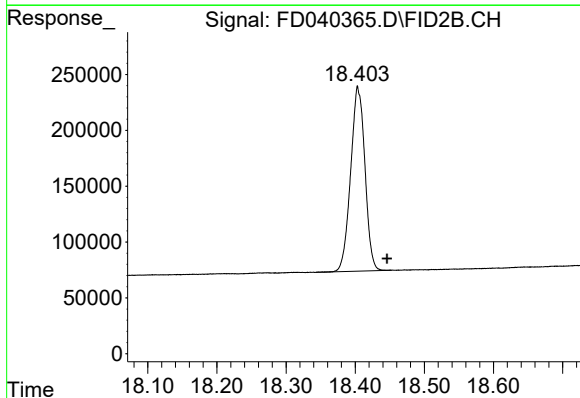
R.T.: 16.797 min  
Delta R.T.: -0.041 min  
Response: 2732482  
Conc: 20.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



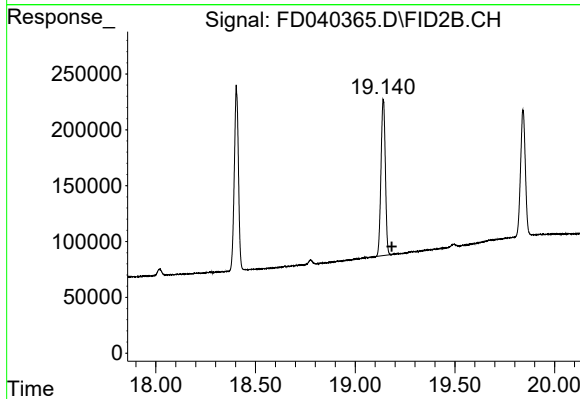
#18 n-Dotriacontane (C32)

R.T.: 17.626 min  
Delta R.T.: -0.040 min  
Response: 2555091  
Conc: 19.74 ug/ml



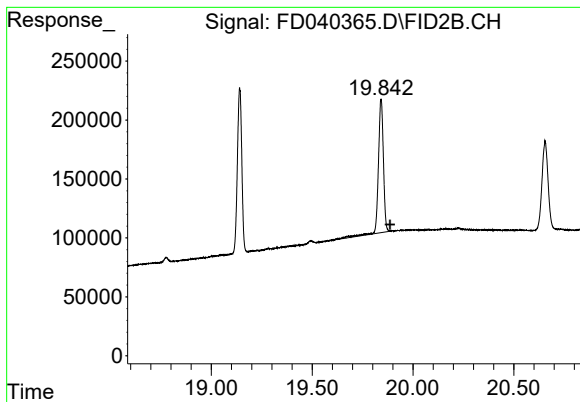
#19 n-Tetratriacontane (C34)

R.T.: 18.404 min  
Delta R.T.: -0.042 min  
Response: 2366248  
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

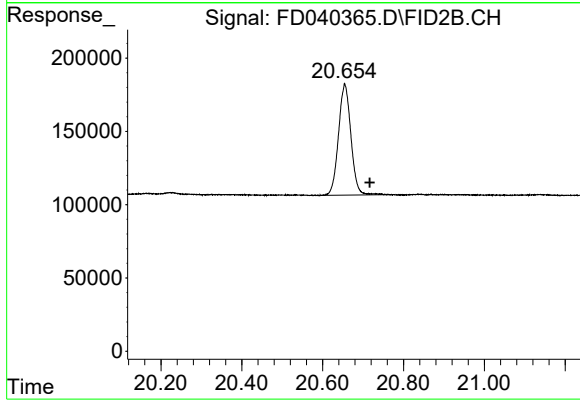
R.T.: 19.141 min  
Delta R.T.: -0.042 min  
Response: 2101636  
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.841 min  
Delta R.T.: -0.046 min  
Response: 1962787  
Conc: 21.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.655 min  
Delta R.T.: -0.062 min  
Response: 1619140  
Conc: 20.79 ug/ml