

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021022AL\  
 Data File : FE034965.D  
 Signal(s) : FID1B.CH  
 Acq On : 10 Feb 2022 15:24  
 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: Feb 11 00:40:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 22:05:03 2022  
 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)    | 11.122 | 6159041    | 21.030 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.06%       |
| 12) S 1-chlorooctadecane (S... | 12.552 | 4721877    | 21.120 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.24%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.986  | 5282340    | 20.824 ug/ml |
| 2) T n-Decane (C10)            | 4.004  | 5352051    | 20.852 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.560  | 5991273    | 20.884 ug/ml |
| 4) T n-Dodecane (C12)          | 5.992  | 5352094    | 20.803 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.607  | 5986191    | 20.689 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.778  | 5441443    | 20.803 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.372  | 5475586    | 20.881 ug/ml |
| 8) T n-Octadecane (C18)        | 10.809 | 5605159    | 21.022 ug/ml |
| 10) T n-Eicosane (C20)         | 12.112 | 5505181    | 21.080 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.721 | 5523109    | 21.083 ug/ml |
| 13) T n-Docosane (C22)         | 13.304 | 5433107    | 21.076 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.403 | 5390619    | 21.261 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.418 | 5174022    | 21.189 ug/ml |
| 16) T n-Octacosane (C28)       | 16.364 | 5058129    | 21.257 ug/ml |
| 17) T n-Tricontane (C30)       | 17.247 | 4907210    | 21.337 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.075 | 4556730    | 21.318 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.856 | 4266080    | 21.167 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.592 | 3987142    | 21.079 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.304 | 3822218    | 21.010 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.148 | 3850121    | 21.018 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

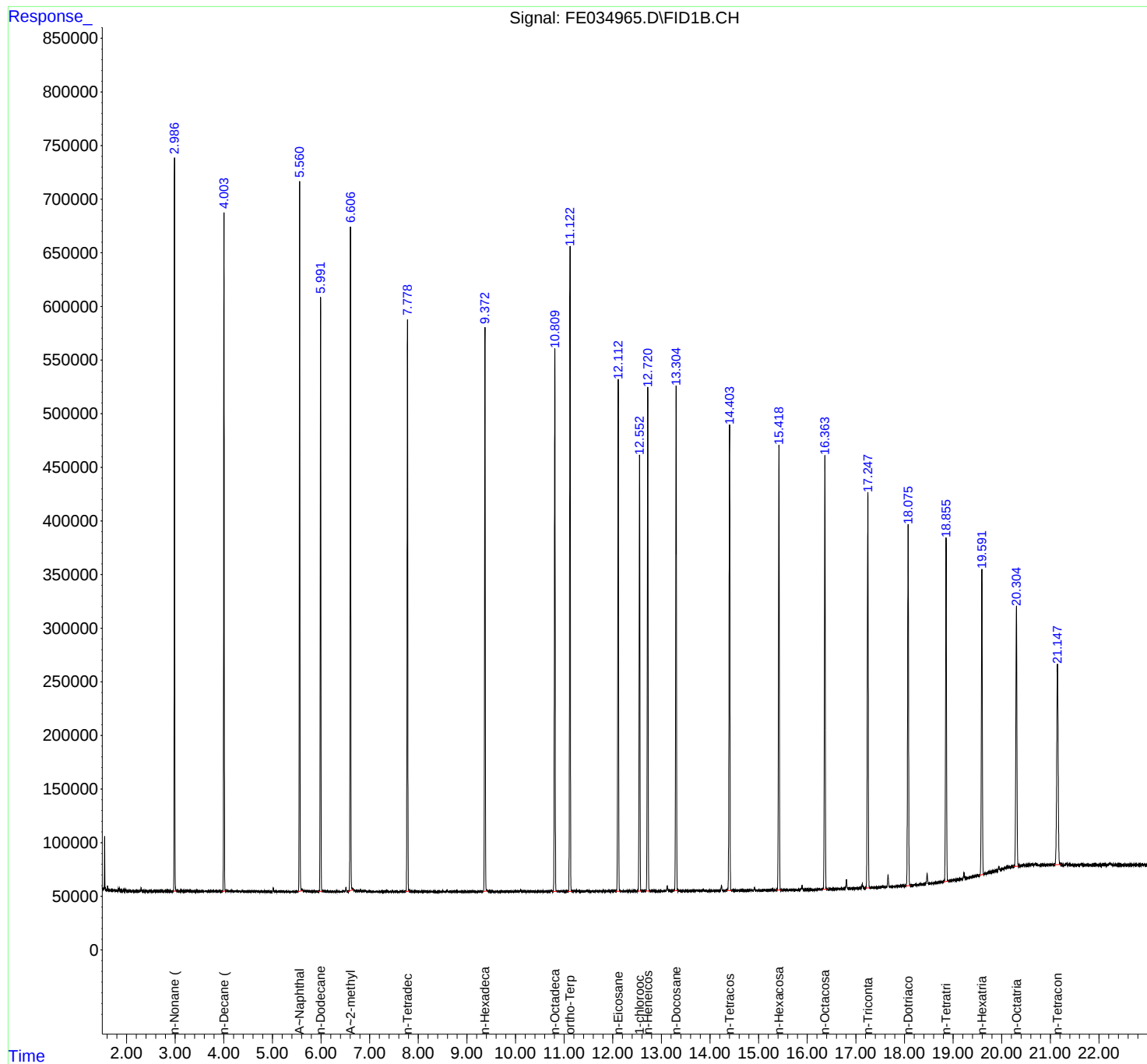
(m)=manual int.

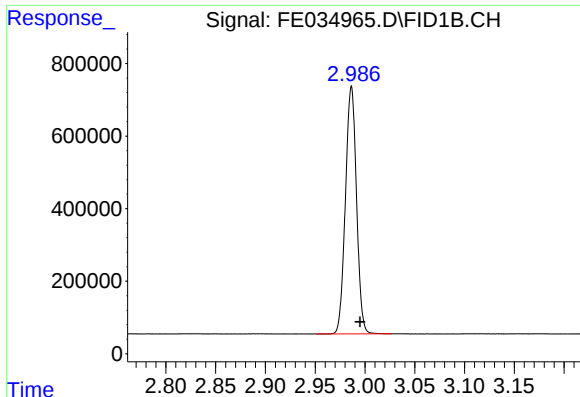
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021022AL\  
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Signal(s) : FID1B.CH  
Acq On : 10 Feb 2022 15:24  
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Sample : 20 PPM ALIPHATIC HC STD  
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Volume Inj. : 1 ul  
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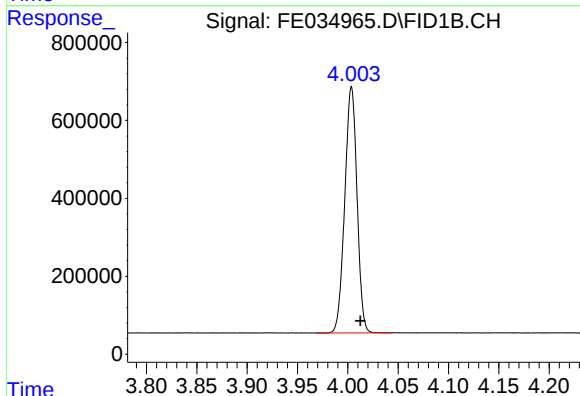




#1 n-Nonane (C9)

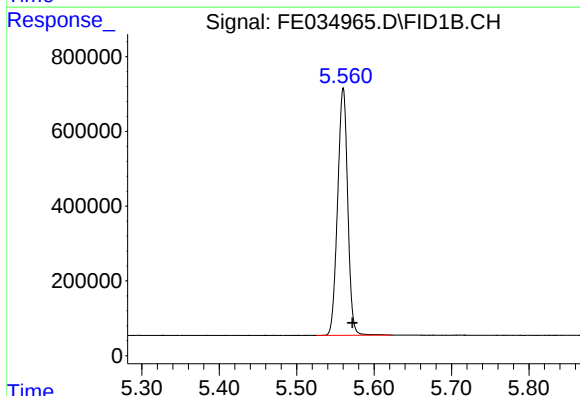
R.T.: 2.986 min  
Delta R.T.: -0.009 min  
Response: 5282340  
Conc: 20.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



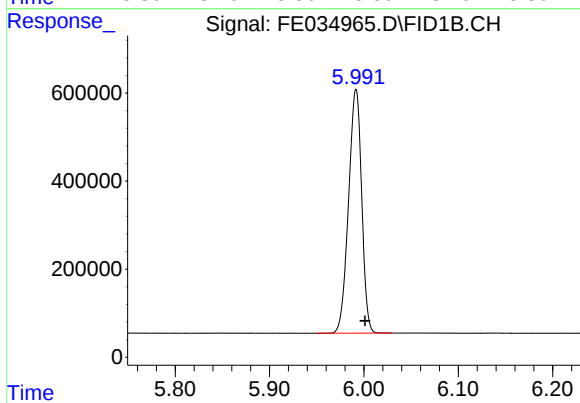
#2 n-Decane (C10)

R.T.: 4.004 min  
Delta R.T.: -0.009 min  
Response: 5352051  
Conc: 20.85 ug/ml



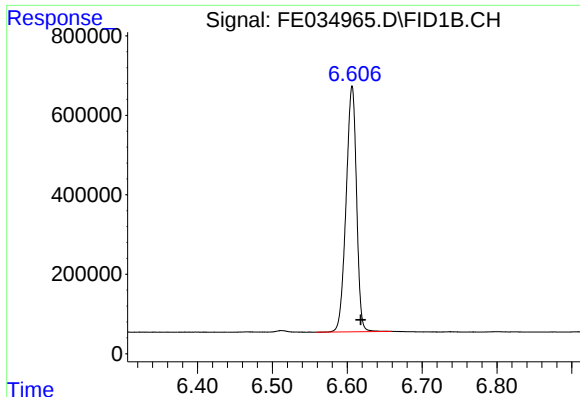
#3 A~Naphthalene (C11.7)

R.T.: 5.560 min  
Delta R.T.: -0.012 min  
Response: 5991273  
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

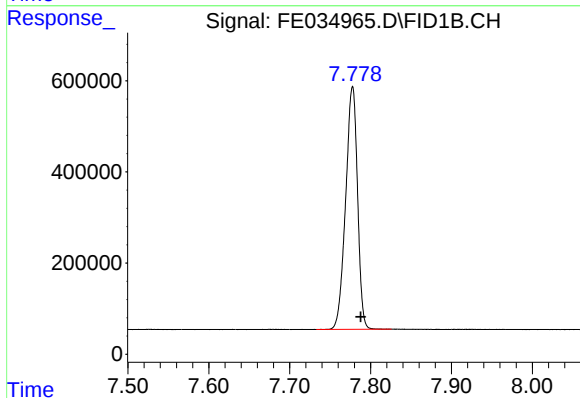
R.T.: 5.992 min  
Delta R.T.: -0.010 min  
Response: 5352094  
Conc: 20.80 ug/ml



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

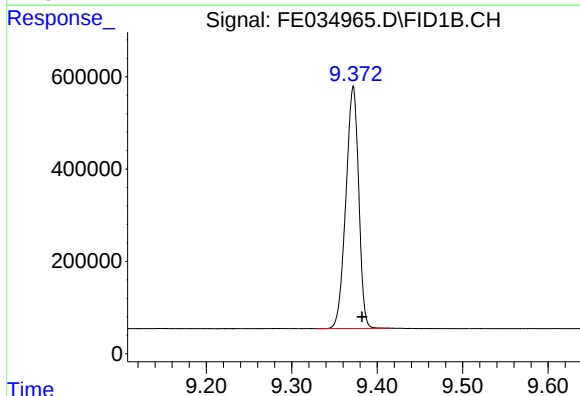
R.T.: 6.607 min  
Delta R.T.: -0.012 min  
Response: 5986191  
Conc: 20.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



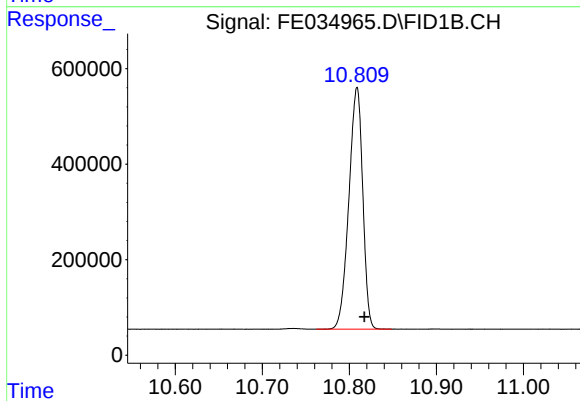
#6 n-Tetradecane (C14)

R.T.: 7.778 min  
Delta R.T.: -0.010 min  
Response: 5441443  
Conc: 20.80 ug/ml



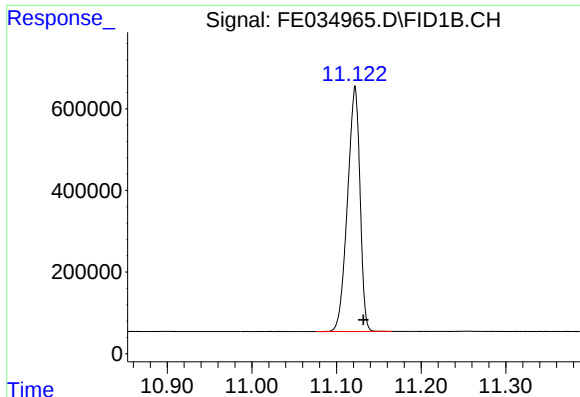
#7 n-Hexadecane (C16)

R.T.: 9.372 min  
Delta R.T.: -0.010 min  
Response: 5475586  
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

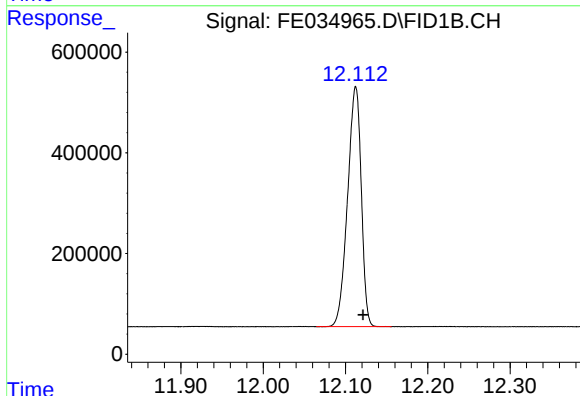
R.T.: 10.809 min  
Delta R.T.: -0.008 min  
Response: 5605159  
Conc: 21.02 ug/ml



#9 ortho-Terphenyl (SURR)

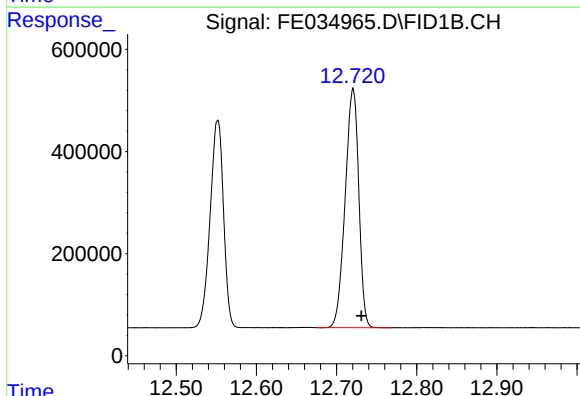
R.T.: 11.122 min  
Delta R.T.: -0.010 min  
Response: 6159041  
Conc: 21.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



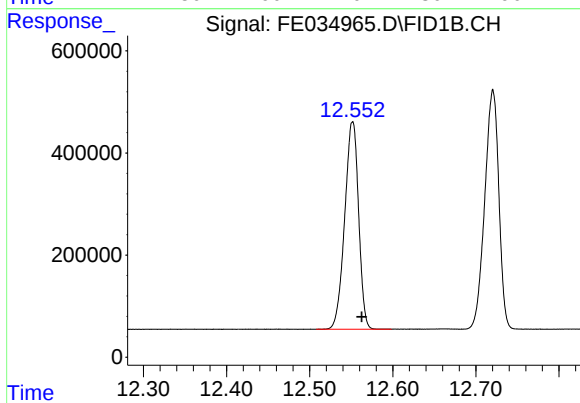
#10 n-Eicosane (C20)

R.T.: 12.112 min  
Delta R.T.: -0.009 min  
Response: 5505181  
Conc: 21.08 ug/ml



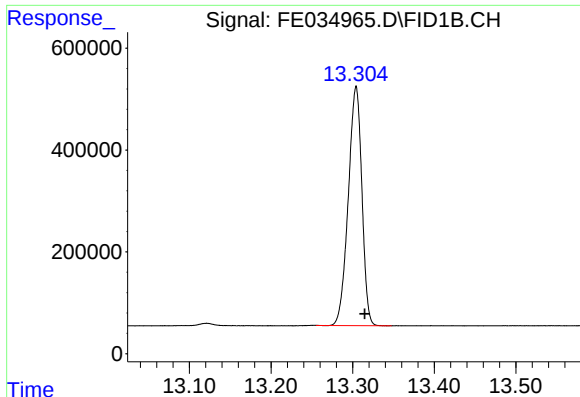
#11 n-Heneicosane (C21)

R.T.: 12.721 min  
Delta R.T.: -0.011 min  
Response: 5523109  
Conc: 21.08 ug/ml



#12 1-chlorooctadecane (SURR)

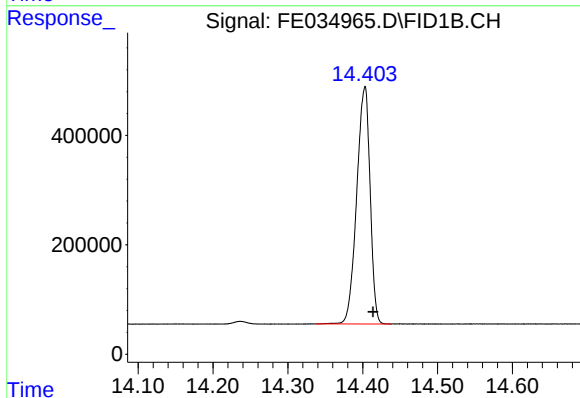
R.T.: 12.552 min  
Delta R.T.: -0.011 min  
Response: 4721877  
Conc: 21.12 ug/ml



#13 n-Docosane (C22)

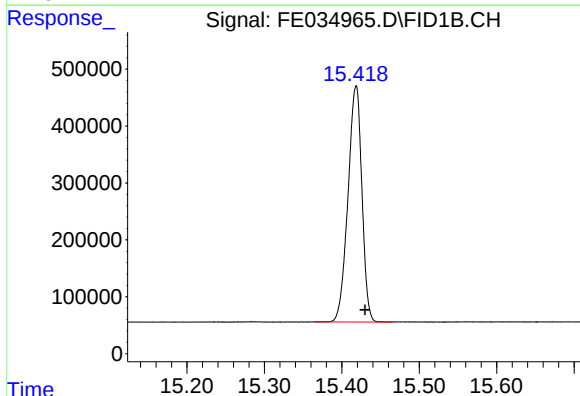
R.T.: 13.304 min  
Delta R.T.: -0.010 min  
Response: 5433107  
Conc: 21.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



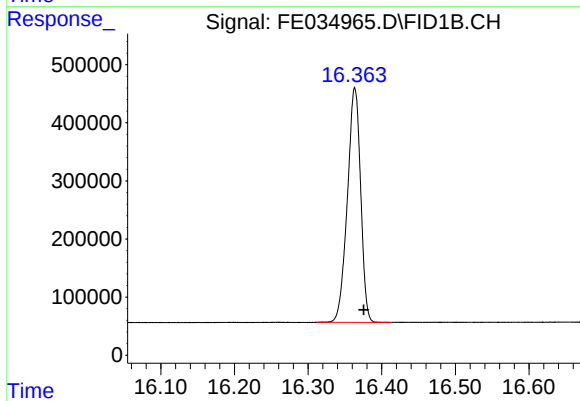
#14 n-Tetracosane (C24)

R.T.: 14.403 min  
Delta R.T.: -0.011 min  
Response: 5390619  
Conc: 21.26 ug/ml



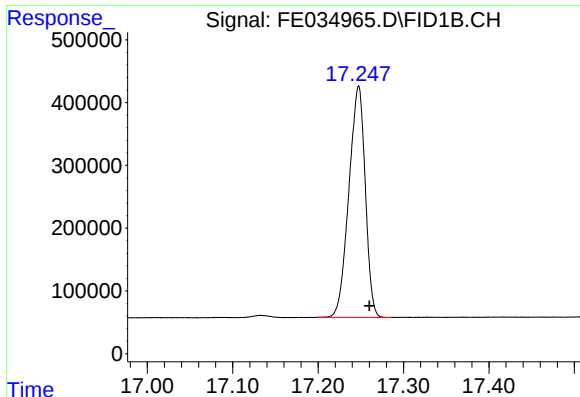
#15 n-Hexacosane (C26)

R.T.: 15.418 min  
Delta R.T.: -0.012 min  
Response: 5174022  
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

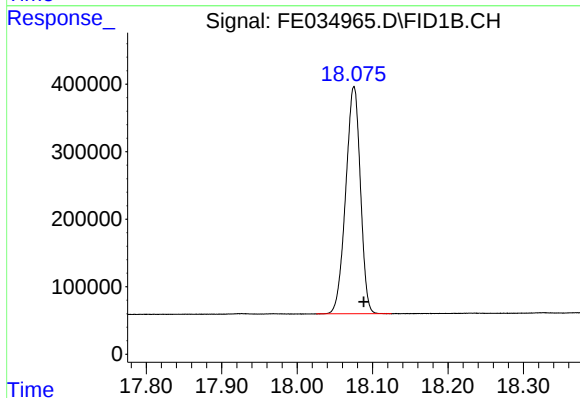
R.T.: 16.364 min  
Delta R.T.: -0.012 min  
Response: 5058129  
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

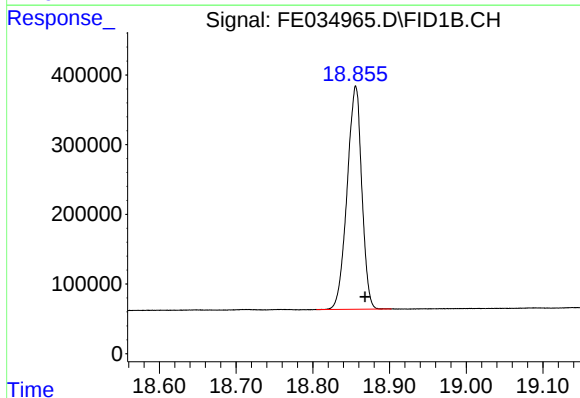
R.T.: 17.247 min  
Delta R.T.: -0.013 min  
Response: 4907210  
Conc: 21.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



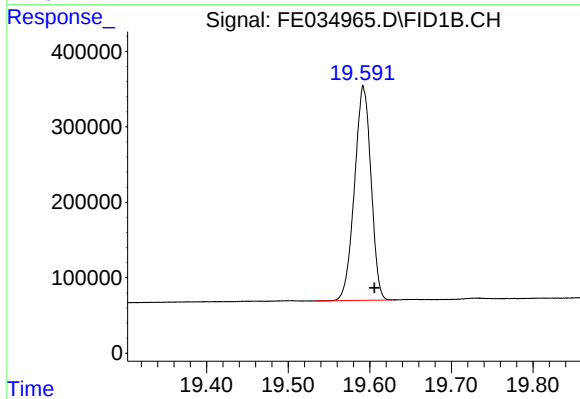
#18 n-Dotriacontane (C32)

R.T.: 18.075 min  
Delta R.T.: -0.013 min  
Response: 4556730  
Conc: 21.32 ug/ml



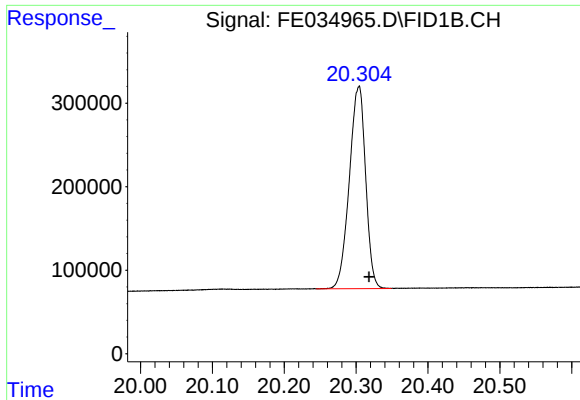
#19 n-Tetratriacontane (C34)

R.T.: 18.856 min  
Delta R.T.: -0.012 min  
Response: 4266080  
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

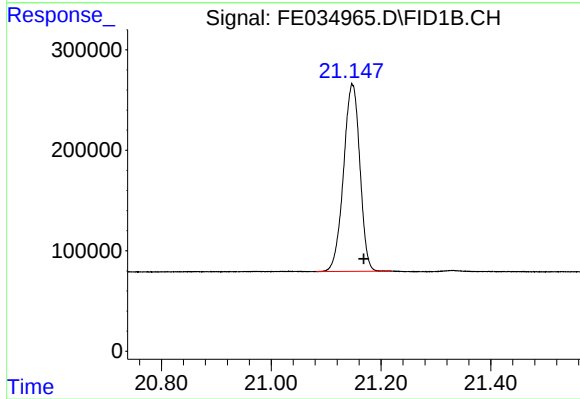
R.T.: 19.592 min  
Delta R.T.: -0.013 min  
Response: 3987142  
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.304 min  
Delta R.T.: -0.014 min  
Response: 3822218  
Conc: 21.01 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.148 min  
Delta R.T.: -0.021 min  
Response: 3850121  
Conc: 21.02 ug/ml