

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090221AL\  
 Data File : FD038768.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Sep 2021 9:05  
 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: Sep 03 09:32:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 06:05:30 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)    | 11.685 | 2792162    | 18.996 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.99%       |
| 12) S 1-chlorooctadecane (S... | 13.112 | 2183196    | 18.769 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.54%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.442  | 2599096    | 20.407 ug/ml |
| 2) T n-Decane (C10)            | 4.513  | 2652057    | 20.475 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.106  | 2973399    | 20.418 ug/ml |
| 4) T n-Dodecane (C12)          | 6.530  | 2672828    | 20.348 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.161  | 2994830    | 20.248 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.323  | 2705612    | 20.074 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.921  | 2693879    | 19.703 ug/ml |
| 8) T n-Octadecane (C18)        | 11.361 | 2707778    | 19.376 ug/ml |
| 10) T n-Eicosane (C20)         | 12.667 | 2622111    | 19.017 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.277 | 2615078    | 18.816 ug/ml |
| 13) T n-Docosane (C22)         | 13.862 | 2533195    | 18.594 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.961 | 2450485    | 18.342 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.978 | 2311327    | 18.226 ug/ml |
| 16) T n-Octacosane (C28)       | 16.924 | 2229500    | 18.438 ug/ml |
| 17) T n-Tricontane (C30)       | 17.809 | 2207240    | 19.242 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.639 | 2156499    | 19.940 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.419 | 2076513    | 19.946 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.155 | 1980394    | 20.198 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.899 | 2049742    | 21.739 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.830 | 2483203    | 26.227 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

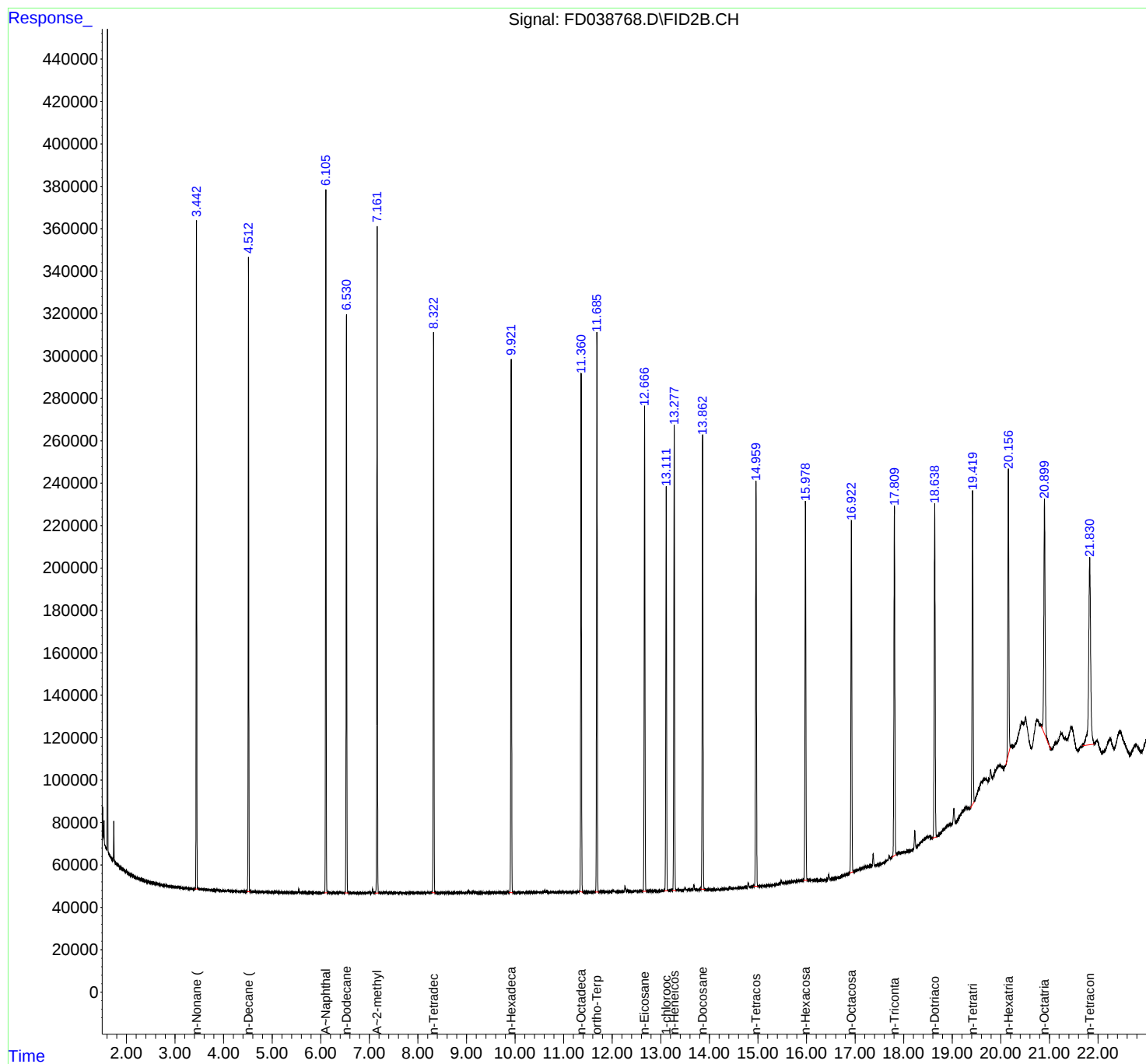
(m)=manual int.

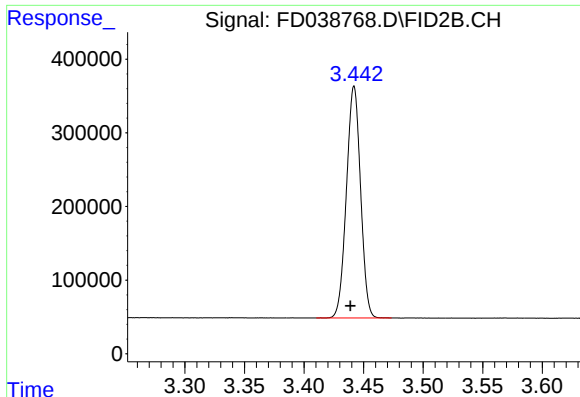
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090221AL\  
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Operator : AJ\MA  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 083021.M  
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QLast Update : Tue Aug 31 06:05:30 2021  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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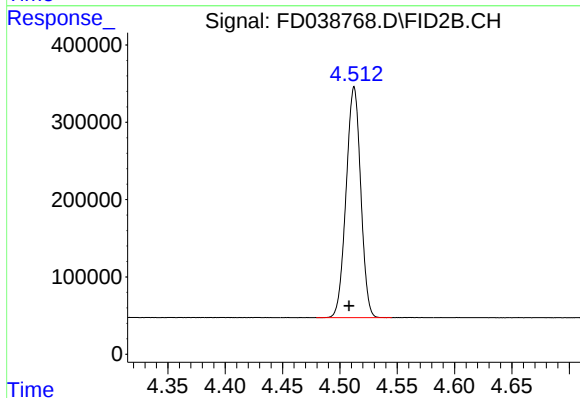




#1 n-Nonane (C9)

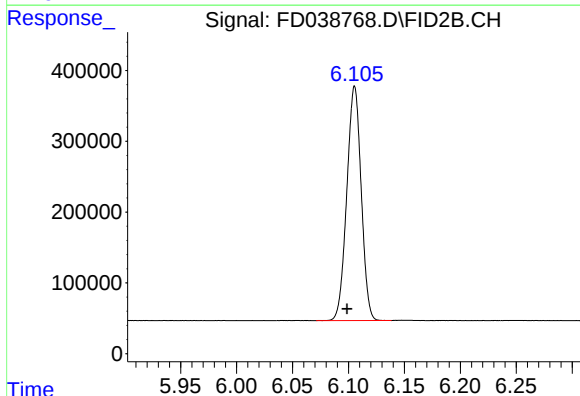
R.T.: 3.442 min  
Delta R.T.: 0.003 min  
Response: 2599096  
Conc: 20.41 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



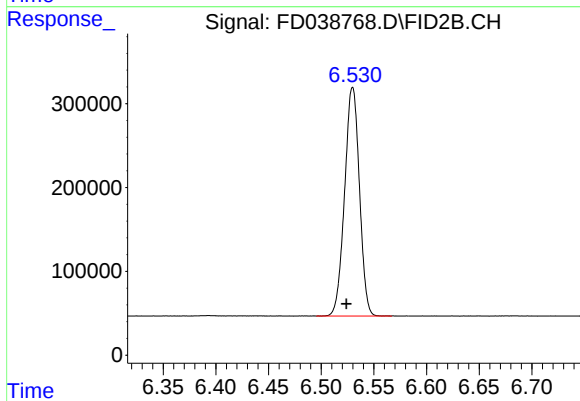
#2 n-Decane (C10)

R.T.: 4.513 min  
Delta R.T.: 0.005 min  
Response: 2652057  
Conc: 20.48 ug/ml



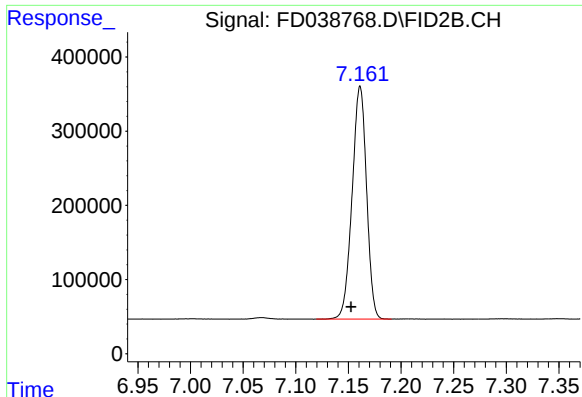
#3 A~Naphthalene (C11.7)

R.T.: 6.106 min  
Delta R.T.: 0.007 min  
Response: 2973399  
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

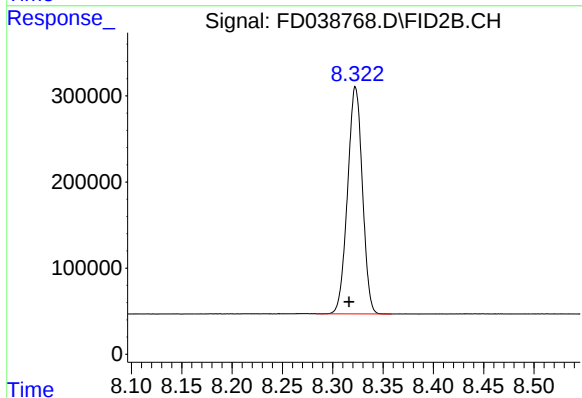
R.T.: 6.530 min  
Delta R.T.: 0.006 min  
Response: 2672828  
Conc: 20.35 ug/ml



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

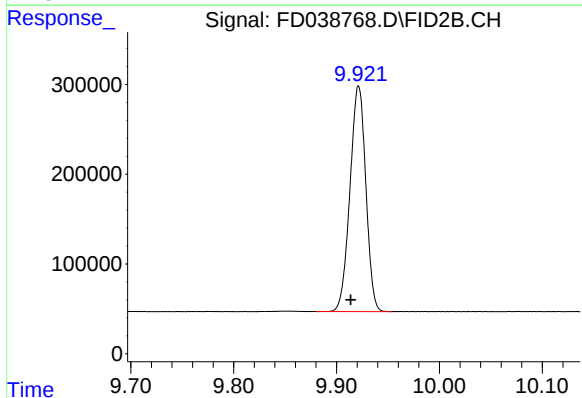
R.T.: 7.161 min  
Delta R.T.: 0.009 min  
Response: 2994830  
Conc: 20.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



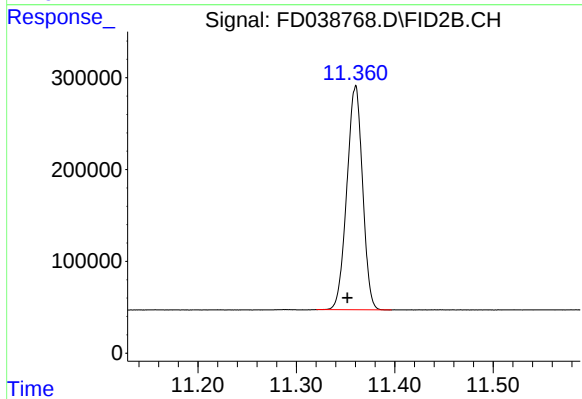
#6 n-Tetradecane (C14)

R.T.: 8.323 min  
Delta R.T.: 0.007 min  
Response: 2705612  
Conc: 20.07 ug/ml



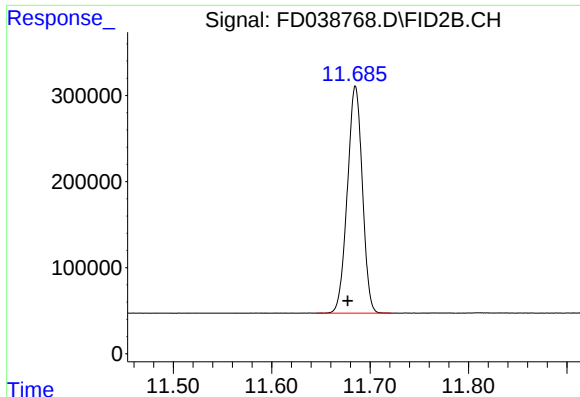
#7 n-Hexadecane (C16)

R.T.: 9.921 min  
Delta R.T.: 0.008 min  
Response: 2693879  
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

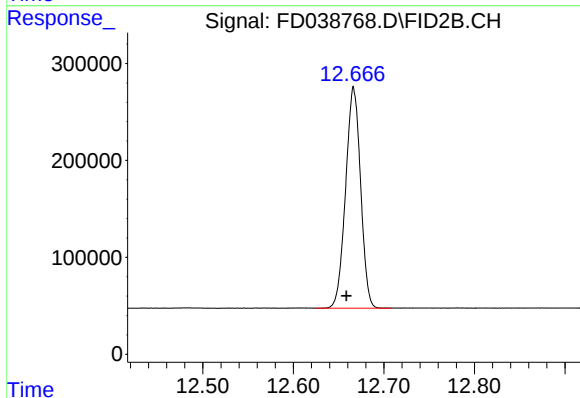
R.T.: 11.361 min  
Delta R.T.: 0.008 min  
Response: 2707778  
Conc: 19.38 ug/ml



#9 ortho-Terphenyl (SURR)

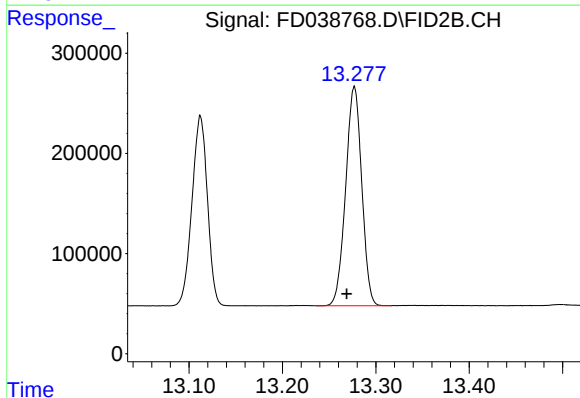
R.T.: 11.685 min  
Delta R.T.: 0.008 min  
Response: 2792162  
Conc: 19.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



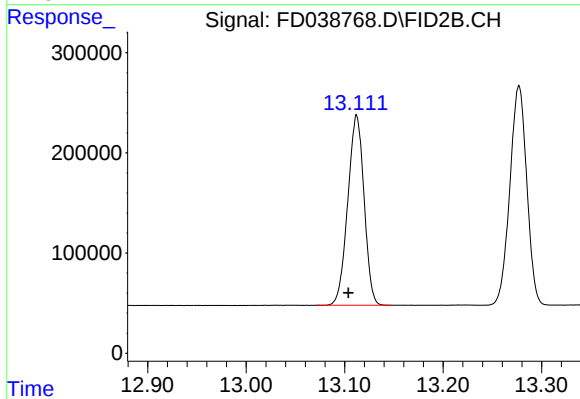
#10 n-Eicosane (C20)

R.T.: 12.667 min  
Delta R.T.: 0.008 min  
Response: 2622111  
Conc: 19.02 ug/ml



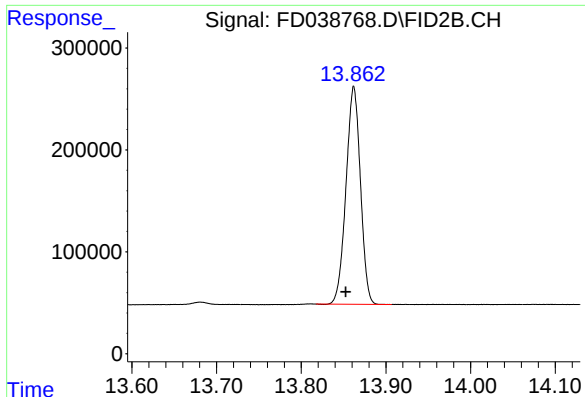
#11 n-Heneicosane (C21)

R.T.: 13.277 min  
Delta R.T.: 0.008 min  
Response: 2615078  
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

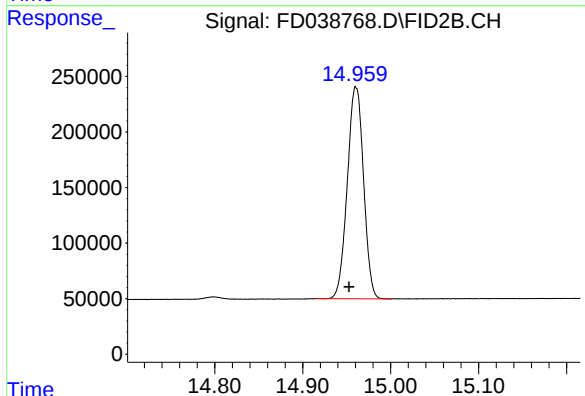
R.T.: 13.112 min  
Delta R.T.: 0.008 min  
Response: 2183196  
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

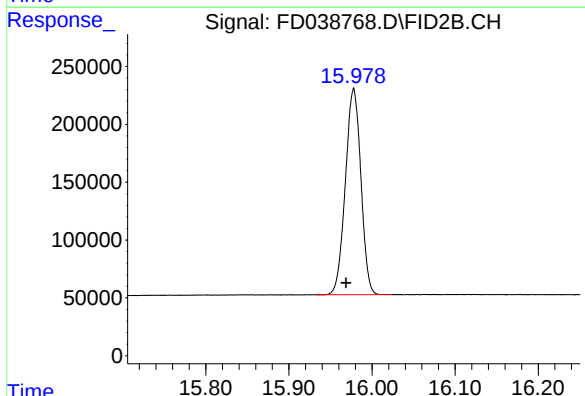
R.T.: 13.862 min  
Delta R.T.: 0.010 min  
Response: 2533195  
Conc: 18.59 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



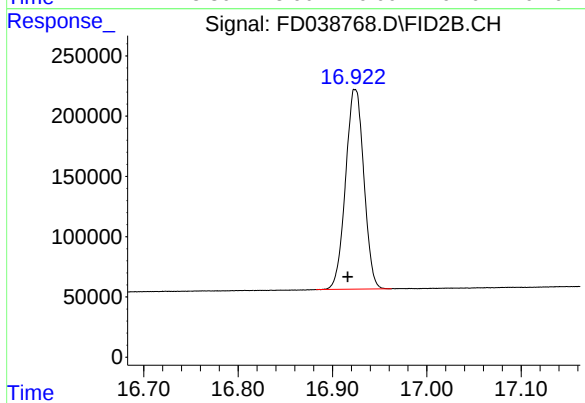
#14 n-Tetracosane (C24)

R.T.: 14.961 min  
Delta R.T.: 0.008 min  
Response: 2450485  
Conc: 18.34 ug/ml



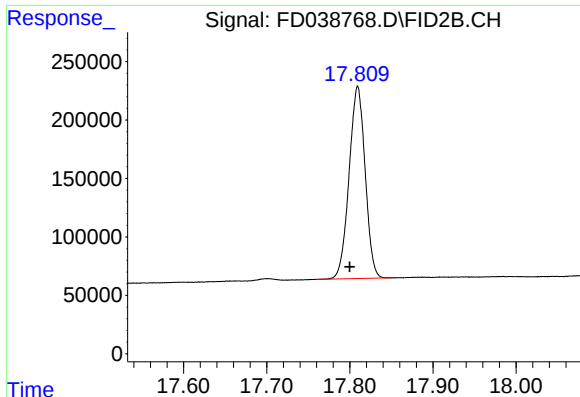
#15 n-Hexacosane (C26)

R.T.: 15.978 min  
Delta R.T.: 0.009 min  
Response: 2311327  
Conc: 18.23 ug/ml



#16 n-Octacosane (C28)

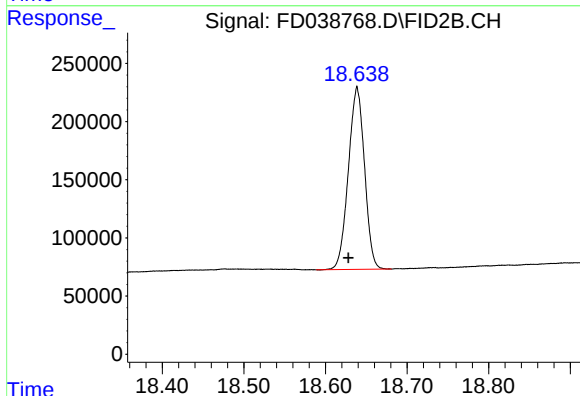
R.T.: 16.924 min  
Delta R.T.: 0.008 min  
Response: 2229500  
Conc: 18.44 ug/ml



#17 n-Tricontane (C30)

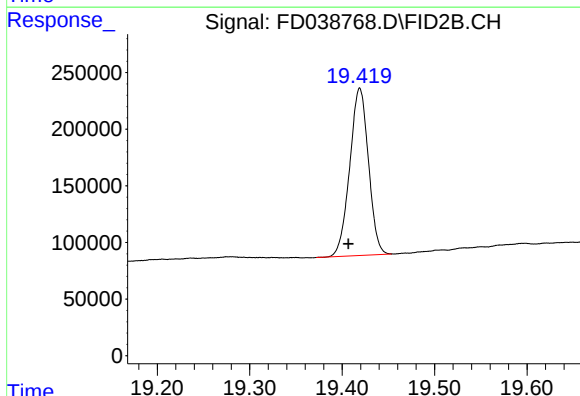
R.T.: 17.809 min  
Delta R.T.: 0.010 min  
Response: 2207240  
Conc: 19.24 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



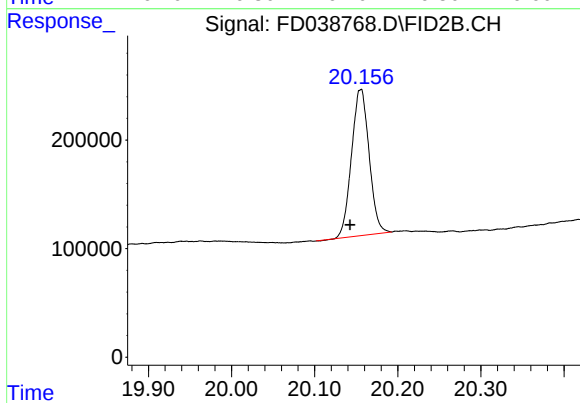
#18 n-Dotriacontane (C32)

R.T.: 18.639 min  
Delta R.T.: 0.011 min  
Response: 2156499  
Conc: 19.94 ug/ml



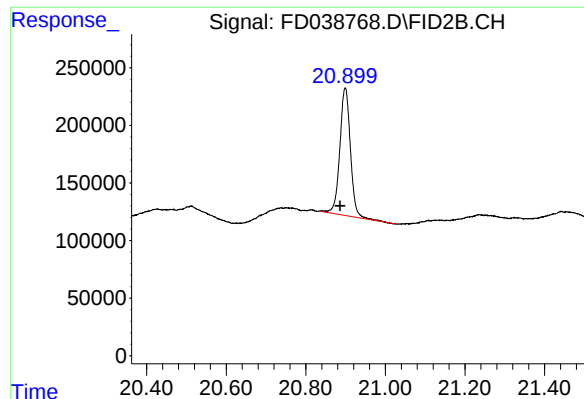
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min  
Delta R.T.: 0.012 min  
Response: 2076513  
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

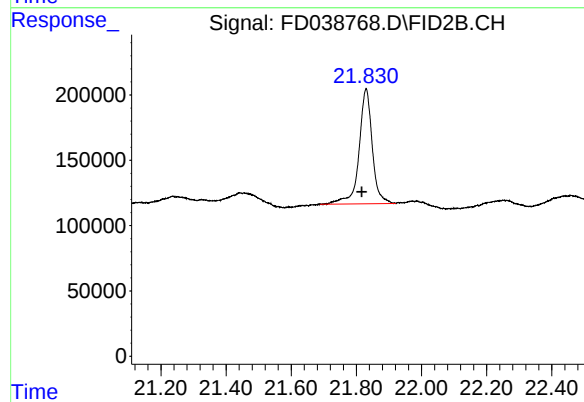
R.T.: 20.155 min  
Delta R.T.: 0.013 min  
Response: 1980394  
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.899 min  
Delta R.T.: 0.013 min  
Response: 2049742  
Conc: 21.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.830 min  
Delta R.T.: 0.013 min  
Response: 2483203  
Conc: 26.23 ug/ml