

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111921AL\  
 Data File : FD039549.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Nov 2021 2:36  
 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: Nov 20 04:59:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 04:49:08 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)    | 11.659 | 2683397    | 21.032 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.06%       |
| 12) S 1-chlorooctadecane (S... | 13.085 | 2070320    | 19.921 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.421  | 2437122    | 20.961 ug/ml |
| 2) T n-Decane (C10)            | 4.490  | 2501123    | 21.394 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.082  | 2770515    | 21.497 ug/ml |
| 4) T n-Dodecane (C12)          | 6.505  | 2511973    | 21.230 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.137  | 2774328    | 21.124 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.297  | 2523696    | 21.411 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.895  | 2518808    | 21.019 ug/ml |
| 8) T n-Octadecane (C18)        | 11.334 | 2557738    | 20.899 ug/ml |
| 10) T n-Eicosane (C20)         | 12.640 | 2498645    | 20.260 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.251 | 2486003    | 19.852 ug/ml |
| 13) T n-Docosane (C22)         | 13.835 | 2455945    | 19.773 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.934 | 2461015    | 19.825 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.951 | 2359509    | 19.207 ug/ml |
| 16) T n-Octacosane (C28)       | 16.898 | 2319652    | 19.925 ug/ml |
| 17) T n-Tricontane (C30)       | 17.782 | 2302219    | 19.545 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.611 | 2275721    | 19.904 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.392 | 2192913    | 20.689 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.128 | 2098295    | 20.598 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.866 | 2045684    | 21.317 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.787 | 2051097    | 22.233 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

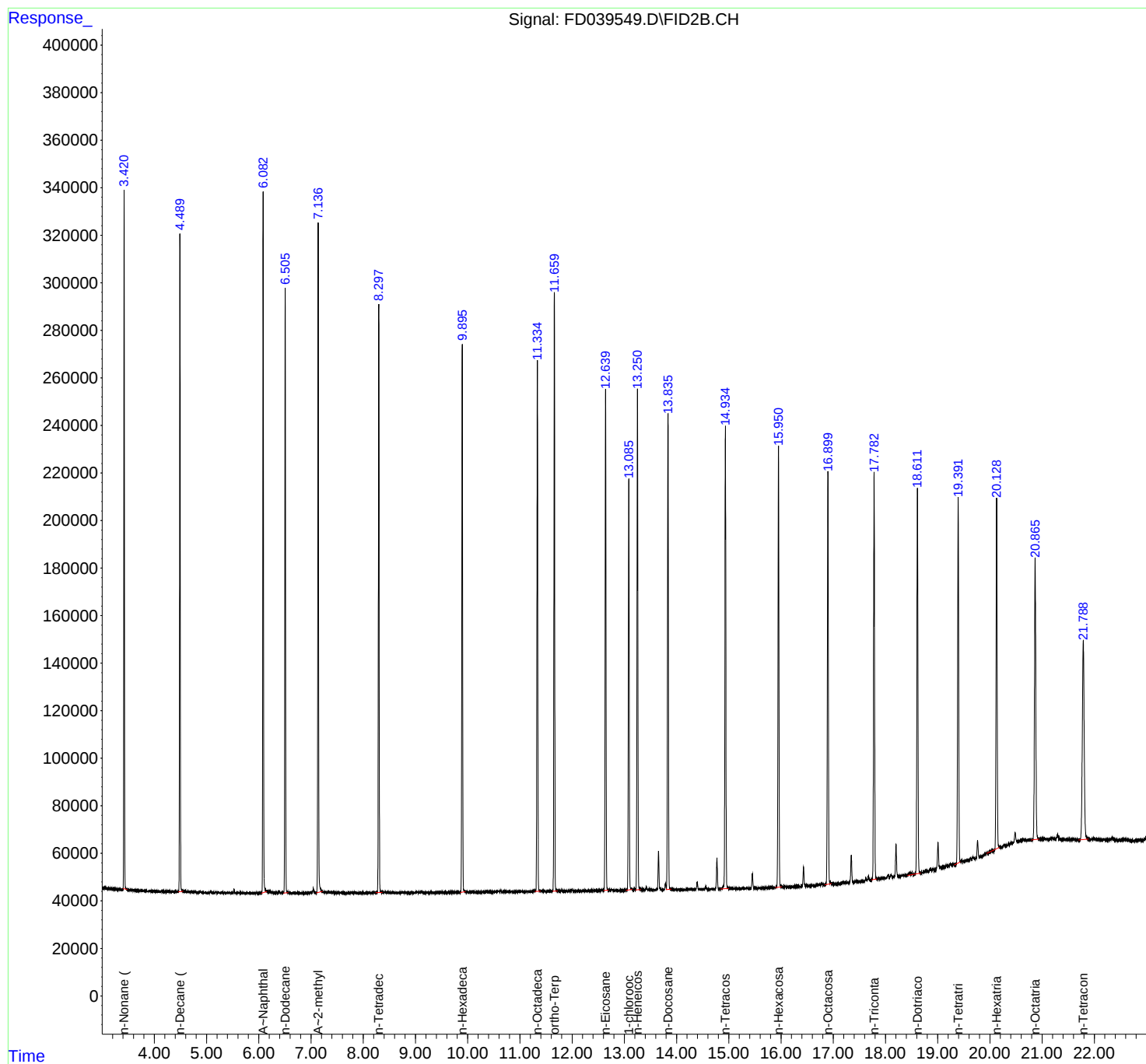
(m)=manual int.

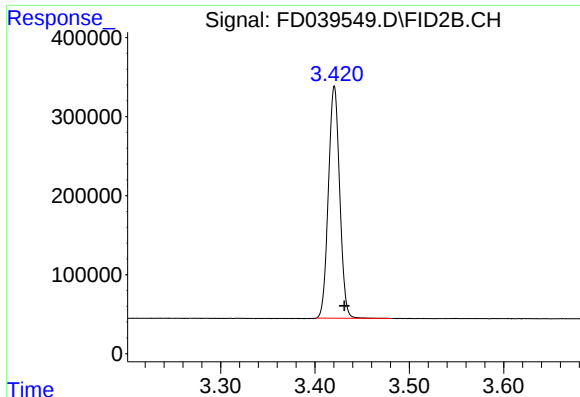
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111921AL\  
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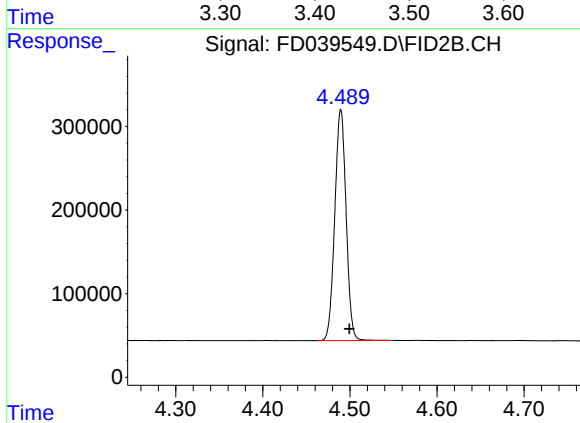




#1 n-Nonane (C9)

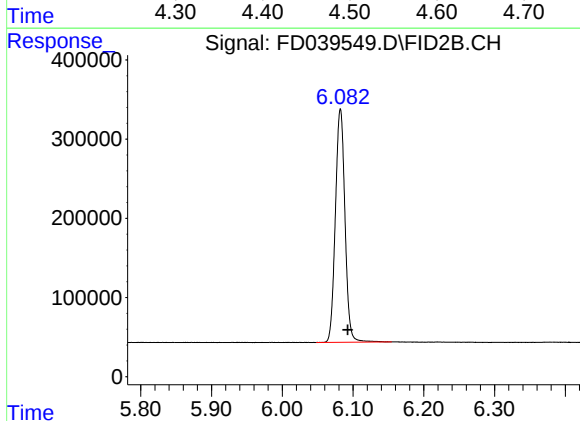
R.T.: 3.421 min  
Delta R.T.: -0.010 min  
Response: 2437122  
Conc: 20.96 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



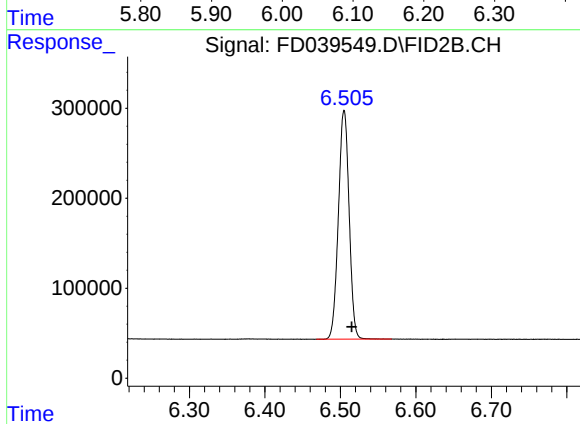
#2 n-Decane (C10)

R.T.: 4.490 min  
Delta R.T.: -0.010 min  
Response: 2501123  
Conc: 21.39 ug/ml



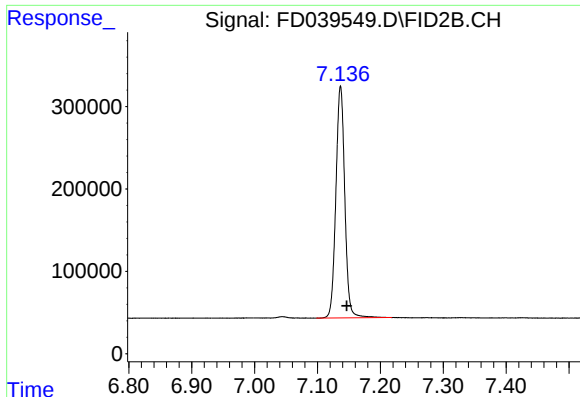
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min  
Delta R.T.: -0.010 min  
Response: 2770515  
Conc: 21.50 ug/ml



#4 n-Dodecane (C12)

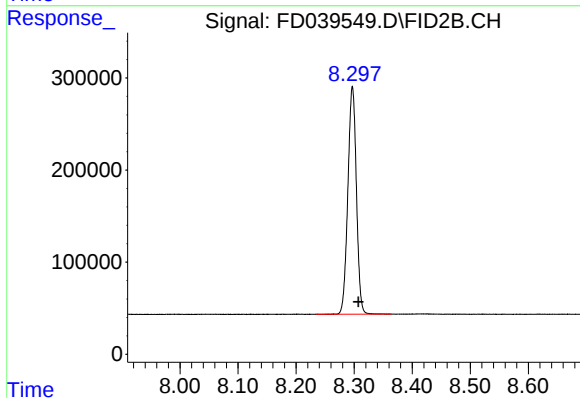
R.T.: 6.505 min  
Delta R.T.: -0.010 min  
Response: 2511973  
Conc: 21.23 ug/ml



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

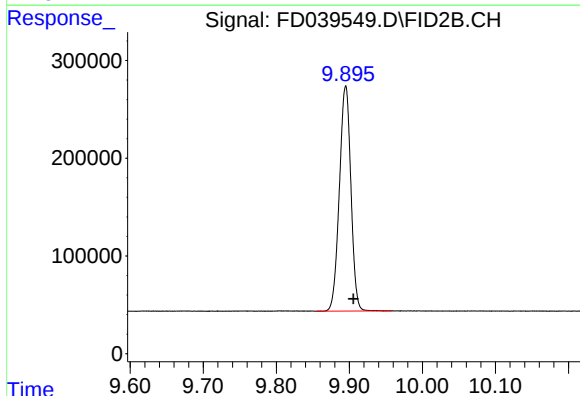
R.T.: 7.137 min  
Delta R.T.: -0.010 min  
Response: 2774328  
Conc: 21.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



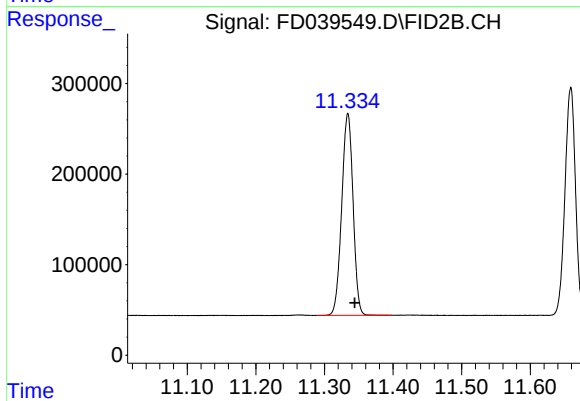
#6 n-Tetradecane (C14)

R.T.: 8.297 min  
Delta R.T.: -0.010 min  
Response: 2523696  
Conc: 21.41 ug/ml



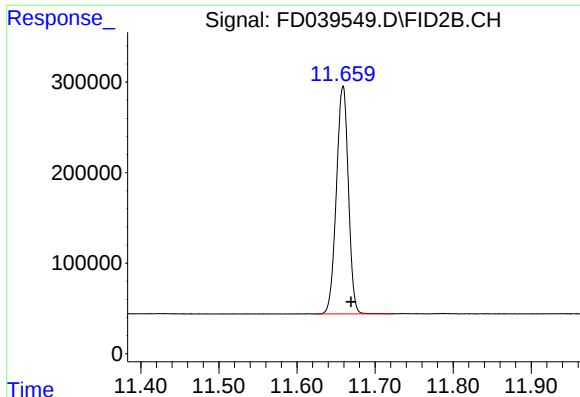
#7 n-Hexadecane (C16)

R.T.: 9.895 min  
Delta R.T.: -0.011 min  
Response: 2518808  
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

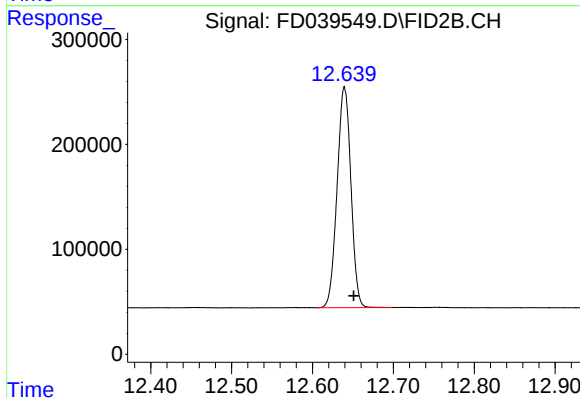
R.T.: 11.334 min  
Delta R.T.: -0.010 min  
Response: 2557738  
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

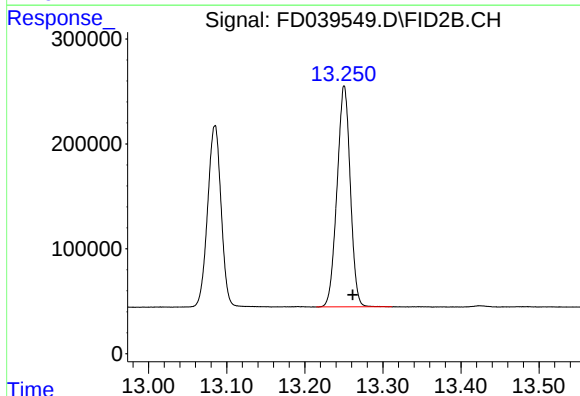
R.T.: 11.659 min  
Delta R.T.: -0.011 min  
Response: 2683397  
Conc: 21.03 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



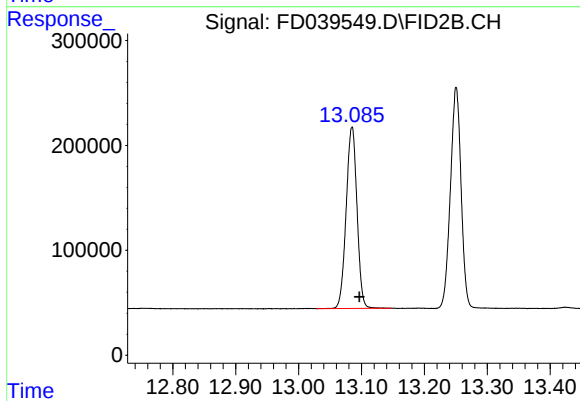
#10 n-Eicosane (C20)

R.T.: 12.640 min  
Delta R.T.: -0.011 min  
Response: 2498645  
Conc: 20.26 ug/ml



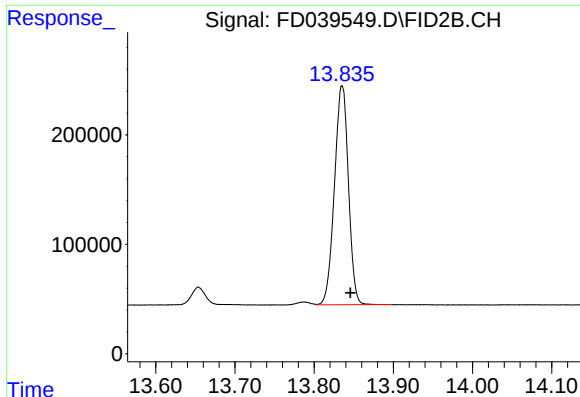
#11 n-Heneicosane (C21)

R.T.: 13.251 min  
Delta R.T.: -0.011 min  
Response: 2486003  
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

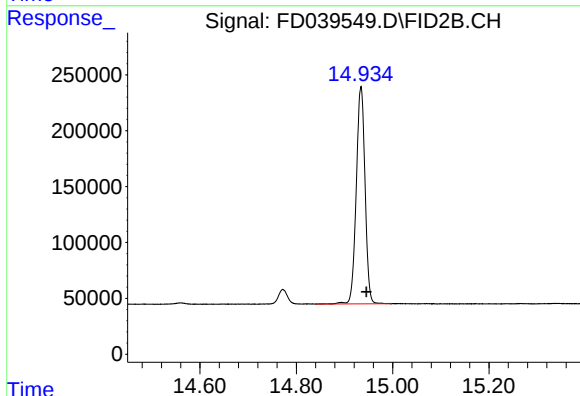
R.T.: 13.085 min  
Delta R.T.: -0.012 min  
Response: 2070320  
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

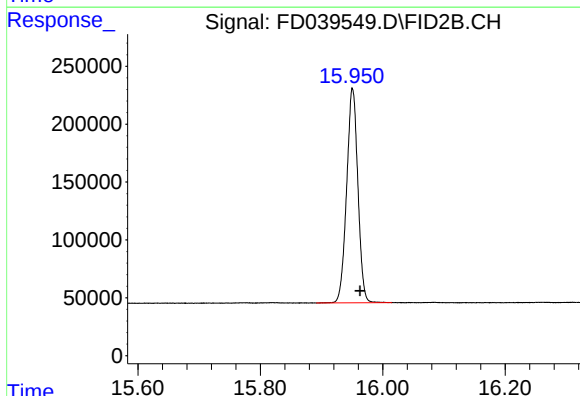
R.T.: 13.835 min  
Delta R.T.: -0.011 min  
Response: 2455945  
Conc: 19.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



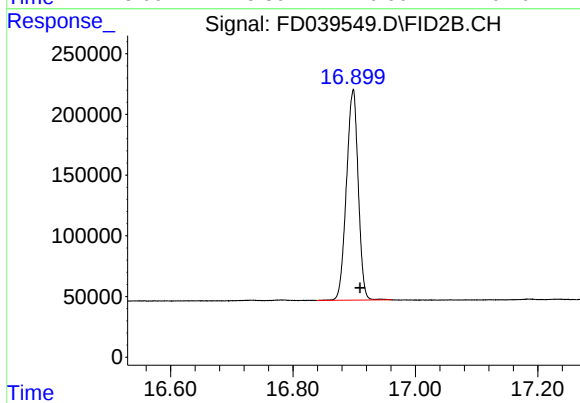
#14 n-Tetracosane (C24)

R.T.: 14.934 min  
Delta R.T.: -0.012 min  
Response: 2461015  
Conc: 19.83 ug/ml



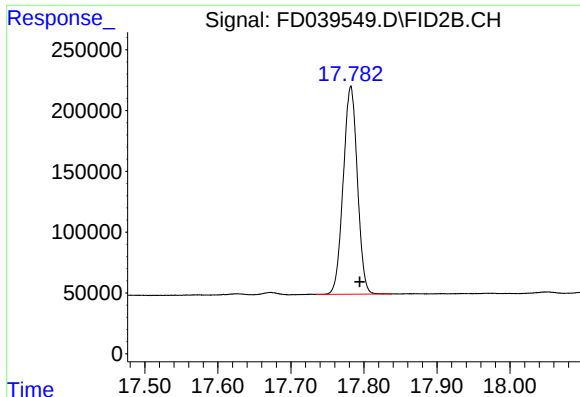
#15 n-Hexacosane (C26)

R.T.: 15.951 min  
Delta R.T.: -0.012 min  
Response: 2359509  
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

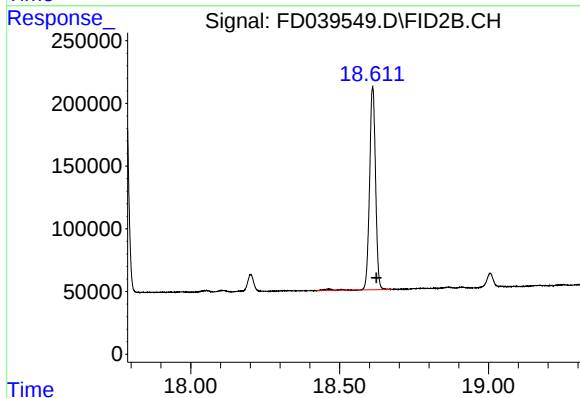
R.T.: 16.898 min  
Delta R.T.: -0.012 min  
Response: 2319652  
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

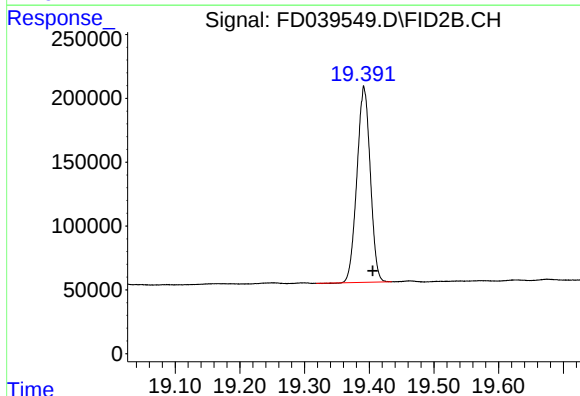
R.T.: 17.782 min  
Delta R.T.: -0.012 min  
Response: 2302219  
Conc: 19.54 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



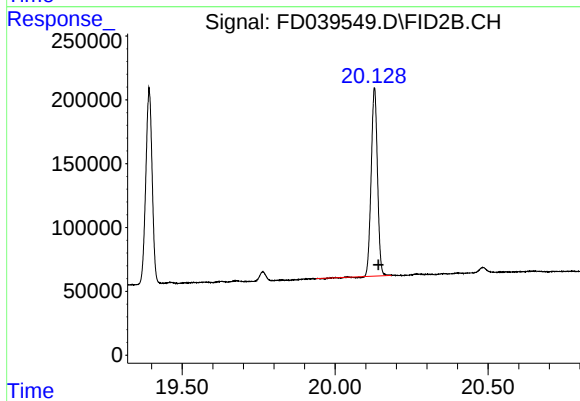
#18 n-Dotriacontane (C32)

R.T.: 18.611 min  
Delta R.T.: -0.012 min  
Response: 2275721  
Conc: 19.90 ug/ml



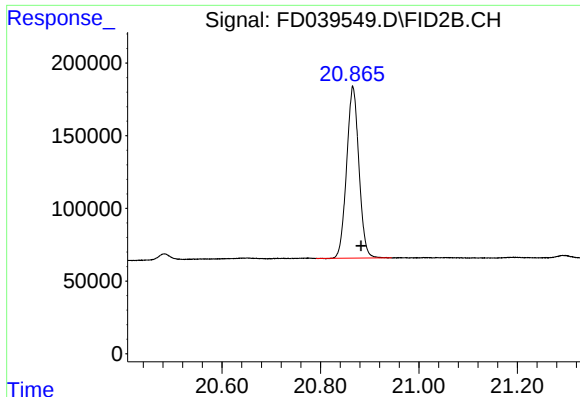
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min  
Delta R.T.: -0.014 min  
Response: 2192913  
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

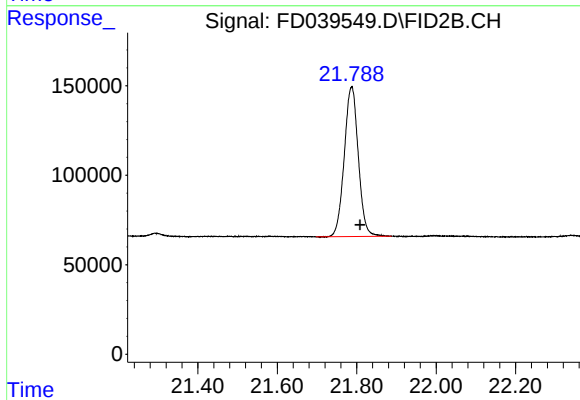
R.T.: 20.128 min  
Delta R.T.: -0.013 min  
Response: 2098295  
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min  
Delta R.T.: -0.016 min  
Response: 2045684  
Conc: 21.32 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.787 min  
Delta R.T.: -0.021 min  
Response: 2051097  
Conc: 22.23 ug/ml