

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111821AL\  
 Data File : FD039525.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Nov 2021 10:45  
 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 19 11:09:22 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)    | 11.665 | 2848744    | 22.327 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.65%       |
| 12) S 1-chlorooctadecane (S... | 13.091 | 2206471    | 21.231 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.46%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.423  | 2607506    | 22.426 ug/ml |
| 2) T n-Decane (C10)            | 4.492  | 2670931    | 22.846 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.086  | 2961743    | 22.981 ug/ml |
| 4) T n-Dodecane (C12)          | 6.508  | 2691718    | 22.749 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.141  | 2970345    | 22.617 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.301  | 2705815    | 22.956 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.900  | 2703369    | 22.560 ug/ml |
| 8) T n-Octadecane (C18)        | 11.339 | 2734903    | 22.346 ug/ml |
| 10) T n-Eicosane (C20)         | 12.647 | 2666033    | 21.617 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.257 | 2647620    | 21.143 ug/ml |
| 13) T n-Docosane (C22)         | 13.842 | 2623773    | 21.125 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.941 | 2623304    | 21.133 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.958 | 2504100    | 20.384 ug/ml |
| 16) T n-Octacosane (C28)       | 16.906 | 2460146    | 21.132 ug/ml |
| 17) T n-Tricontane (C30)       | 17.790 | 2423427    | 20.574 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.619 | 2586624    | 22.624 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.400 | 2453731    | 23.149 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.137 | 2423518    | 23.791 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.878 | 2020232    | 21.052 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.801 | 2661151    | 28.846 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

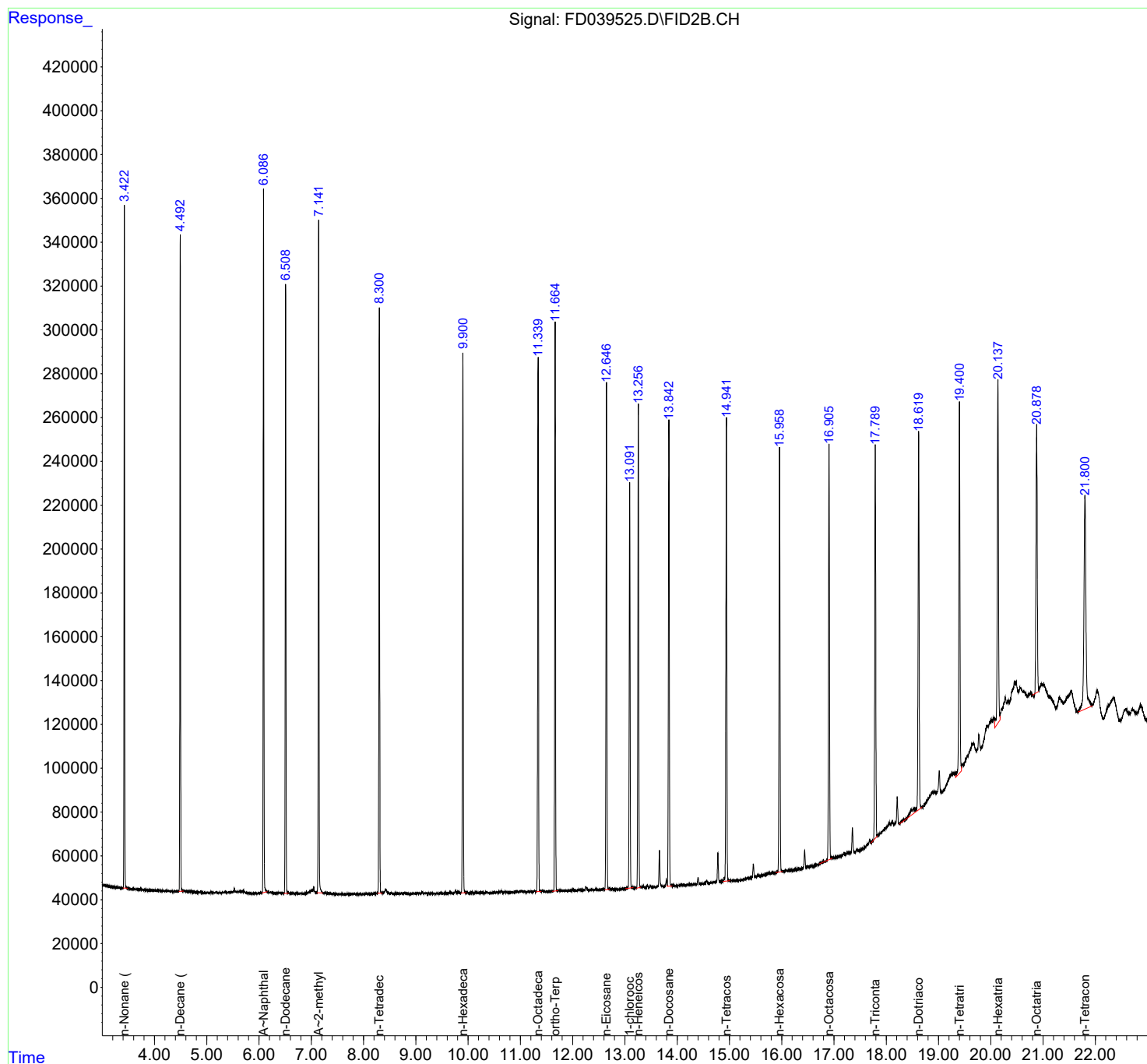
(m)=manual int.

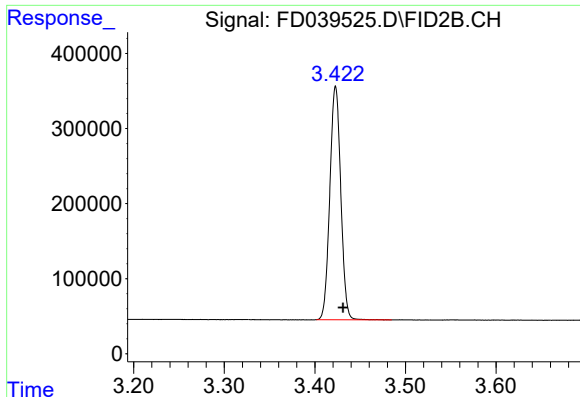
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111821AL\  
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Misc :  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102621.M  
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QLast Update : Wed Oct 27 04:49:08 2021  
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Volume Inj. : 1 ul  
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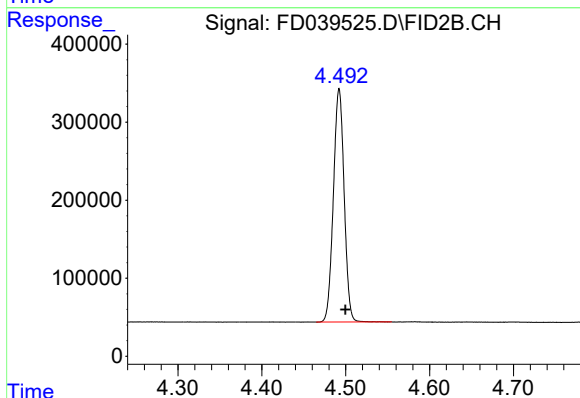




#1 n-Nonane (C9)

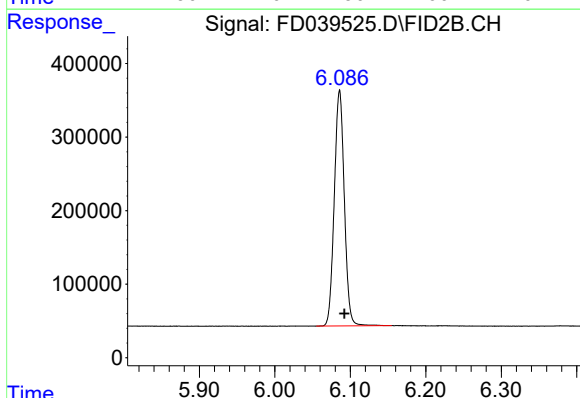
R.T.: 3.423 min  
Delta R.T.: -0.008 min  
Response: 2607506  
Conc: 22.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



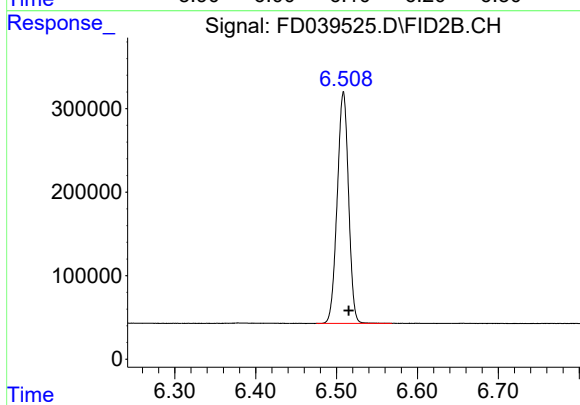
#2 n-Decane (C10)

R.T.: 4.492 min  
Delta R.T.: -0.007 min  
Response: 2670931  
Conc: 22.85 ug/ml



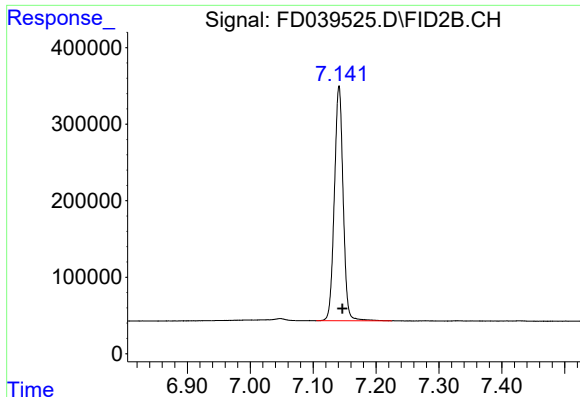
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min  
Delta R.T.: -0.007 min  
Response: 2961743  
Conc: 22.98 ug/ml



#4 n-Dodecane (C12)

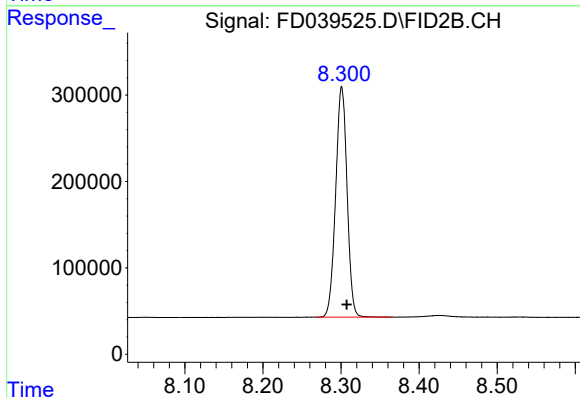
R.T.: 6.508 min  
Delta R.T.: -0.007 min  
Response: 2691718  
Conc: 22.75 ug/ml



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

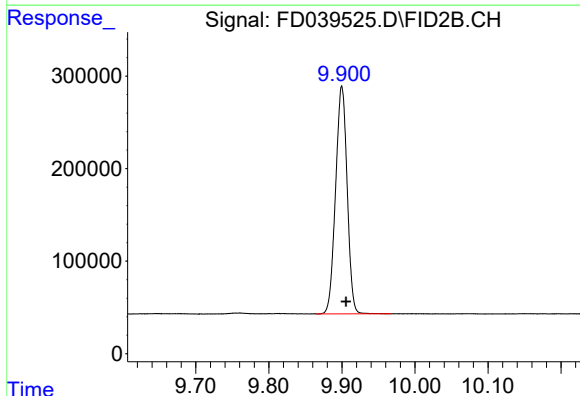
R.T.: 7.141 min  
Delta R.T.: -0.006 min  
Response: 2970345  
Conc: 22.62 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



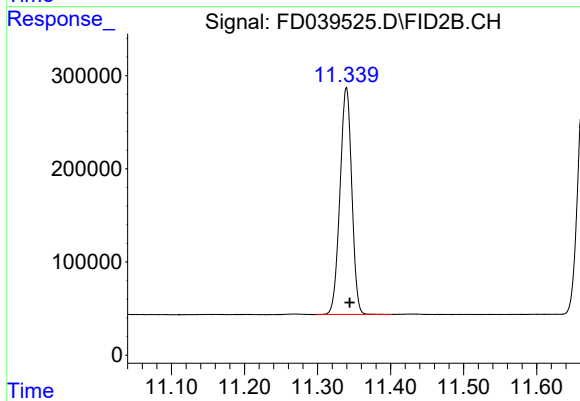
#6 n-Tetradecane (C14)

R.T.: 8.301 min  
Delta R.T.: -0.006 min  
Response: 2705815  
Conc: 22.96 ug/ml



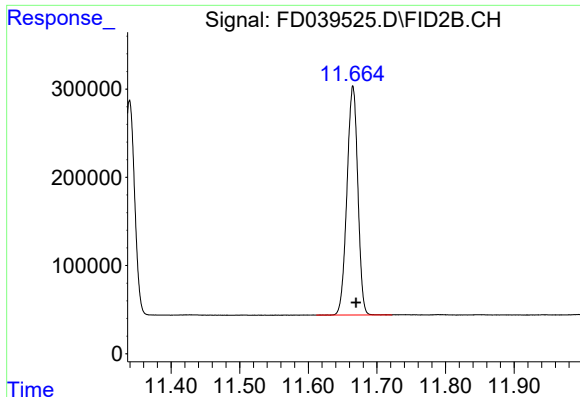
#7 n-Hexadecane (C16)

R.T.: 9.900 min  
Delta R.T.: -0.006 min  
Response: 2703369  
Conc: 22.56 ug/ml



#8 n-Octadecane (C18)

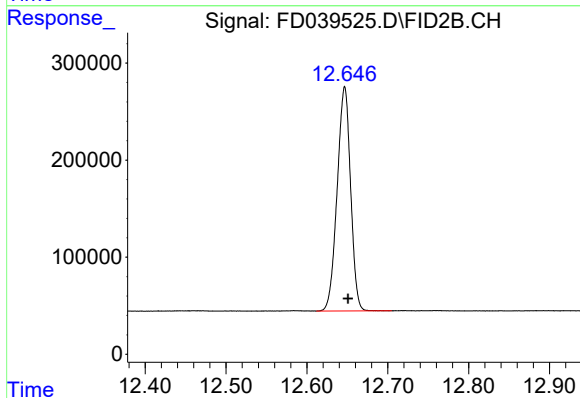
R.T.: 11.339 min  
Delta R.T.: -0.005 min  
Response: 2734903  
Conc: 22.35 ug/ml



#9 ortho-Terphenyl (SURR)

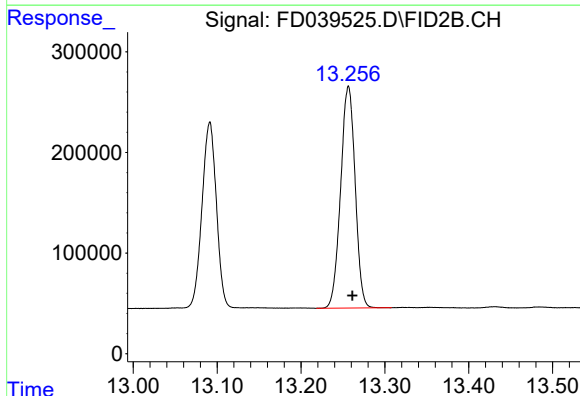
R.T.: 11.665 min  
Delta R.T.: -0.005 min  
Response: 2848744  
Conc: 22.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



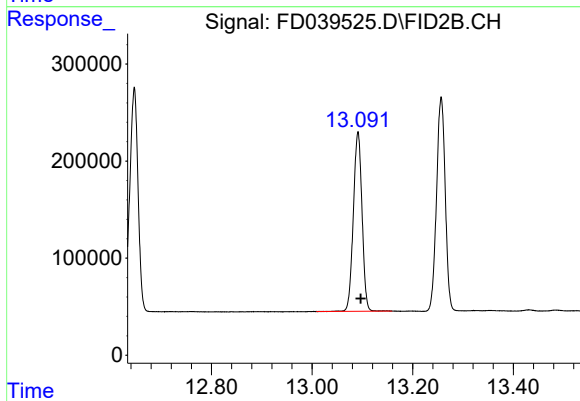
#10 n-Eicosane (C20)

R.T.: 12.647 min  
Delta R.T.: -0.004 min  
Response: 2666033  
Conc: 21.62 ug/ml



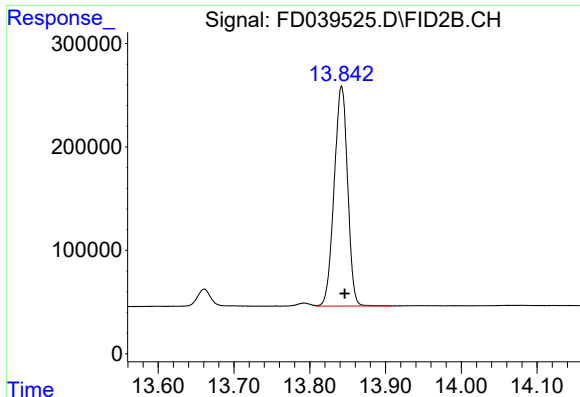
#11 n-Heneicosane (C21)

R.T.: 13.257 min  
Delta R.T.: -0.005 min  
Response: 2647620  
Conc: 21.14 ug/ml



#12 1-chlorooctadecane (SURR)

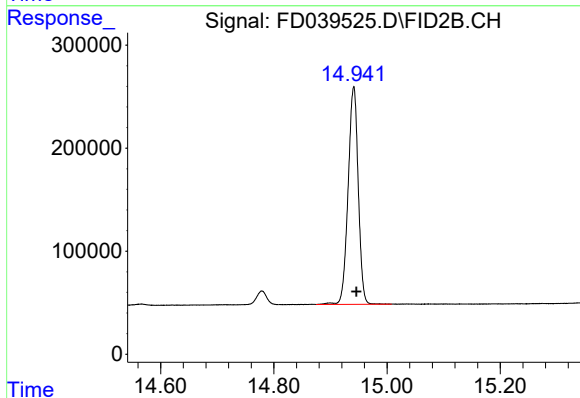
R.T.: 13.091 min  
Delta R.T.: -0.005 min  
Response: 2206471  
Conc: 21.23 ug/ml



#13 n-Docosane (C22)

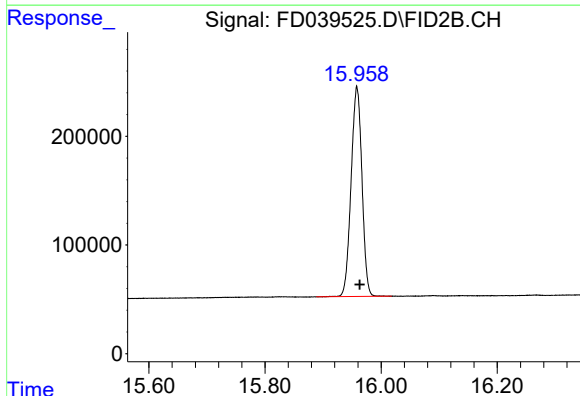
R.T.: 13.842 min  
Delta R.T.: -0.004 min  
Response: 2623773  
Conc: 21.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



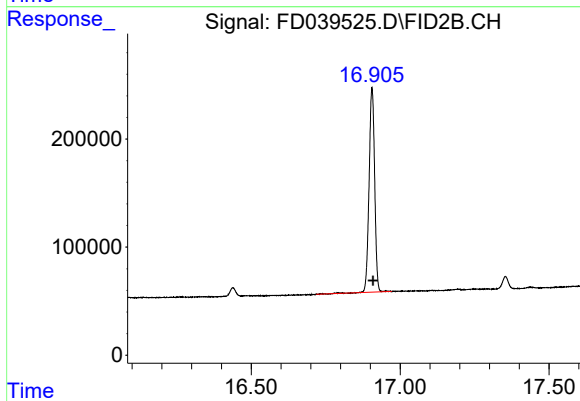
#14 n-Tetracosane (C24)

R.T.: 14.941 min  
Delta R.T.: -0.005 min  
Response: 2623304  
Conc: 21.13 ug/ml



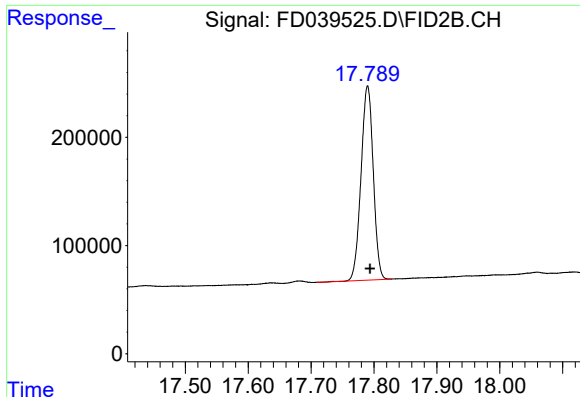
#15 n-Hexacosane (C26)

R.T.: 15.958 min  
Delta R.T.: -0.005 min  
Response: 2504100  
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

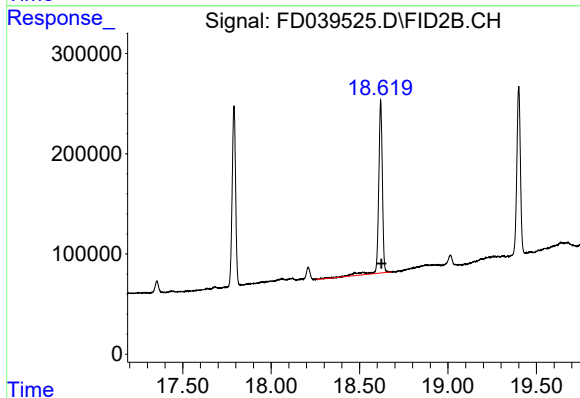
R.T.: 16.906 min  
Delta R.T.: -0.004 min  
Response: 2460146  
Conc: 21.13 ug/ml



#17 n-Tricontane (C30)

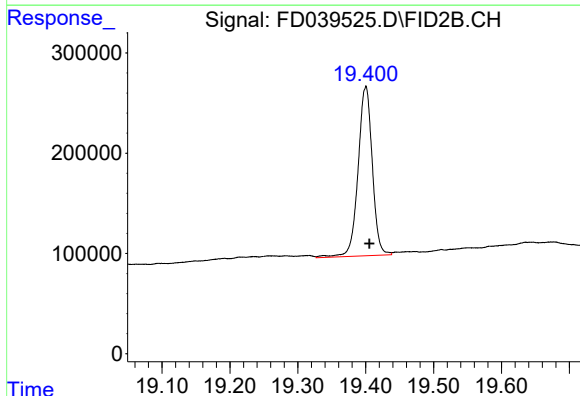
R.T.: 17.790 min  
Delta R.T.: -0.004 min  
Response: 2423427  
Conc: 20.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



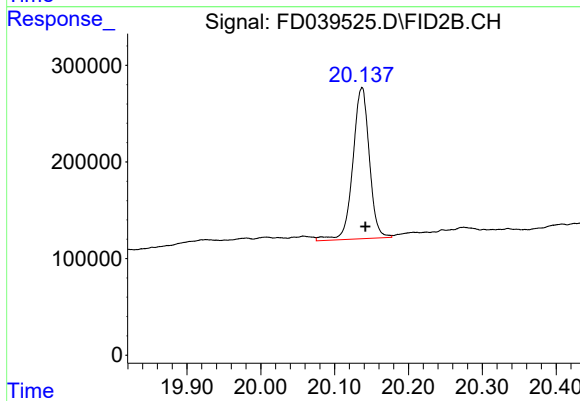
#18 n-Dotriacontane (C32)

R.T.: 18.619 min  
Delta R.T.: -0.004 min  
Response: 2586624  
Conc: 22.62 ug/ml



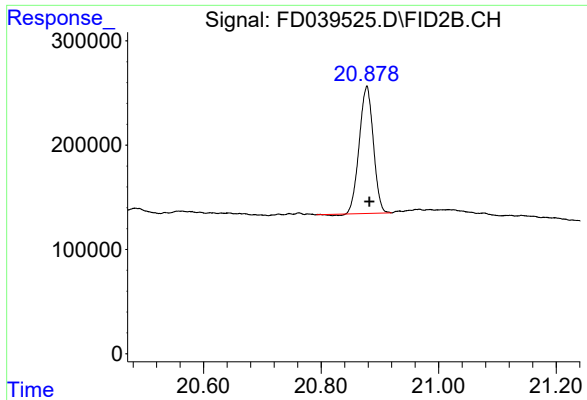
#19 n-Tetratriacontane (C34)

R.T.: 19.400 min  
Delta R.T.: -0.005 min  
Response: 2453731  
Conc: 23.15 ug/ml



#20 n-Hexatriacontane (C36)

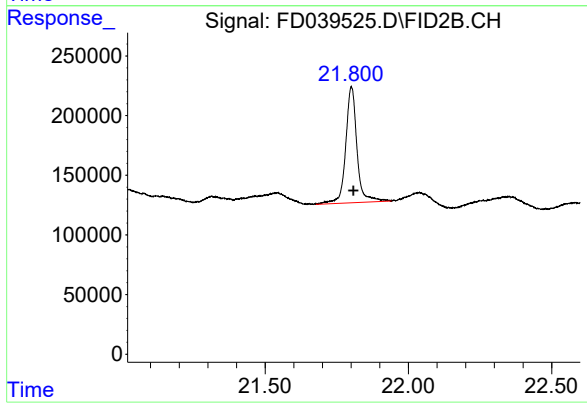
R.T.: 20.137 min  
Delta R.T.: -0.005 min  
Response: 2423518  
Conc: 23.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.878 min  
Delta R.T.: -0.005 min  
Response: 2020232  
Conc: 21.05 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.801 min  
Delta R.T.: -0.007 min  
Response: 2661151  
Conc: 28.85 ug/ml