

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041420AL\  
 Data File : FD032902.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Apr 2020 18:07  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Apr 15 02:32:07 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 040720.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 07 14:10:50 2020  
 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)    | 11.499 | 2985506    | 19.870 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.74%       |
| 12) S 1-chlorooctadecane (S... | 12.929 | 2325031    | 19.809 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.310  | 2701718    | 20.206 ug/ml |
| 2) T n-Decane (C10)            | 4.369  | 2719320    | 20.297 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.943  | 2994423    | 20.317 ug/ml |
| 4) T n-Dodecane (C12)          | 6.375  | 2750599    | 20.287 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.993  | 3015802    | 20.300 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.159  | 2761857    | 20.201 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.751  | 2773385    | 20.188 ug/ml |
| 8) T n-Octadecane (C18)        | 11.185 | 2780173    | 20.076 ug/ml |
| 10) T n-Eicosane (C20)         | 12.487 | 2770307    | 19.944 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.096 | 2774658    | 19.808 ug/ml |
| 13) T n-Docosane (C22)         | 13.680 | 2738957    | 19.728 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.777 | 2702692    | 19.696 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.792 | 2604139    | 19.583 ug/ml |
| 16) T n-Octacosane (C28)       | 16.737 | 2470423    | 19.572 ug/ml |
| 17) T n-Tricontane (C30)       | 17.620 | 2233385    | 19.621 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.448 | 1657349    | 19.730 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.228 | 1204105    | 19.854 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.963 | 1019337    | 20.316 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.677 | 960574     | 19.952 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.530 | 990852     | 19.637 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

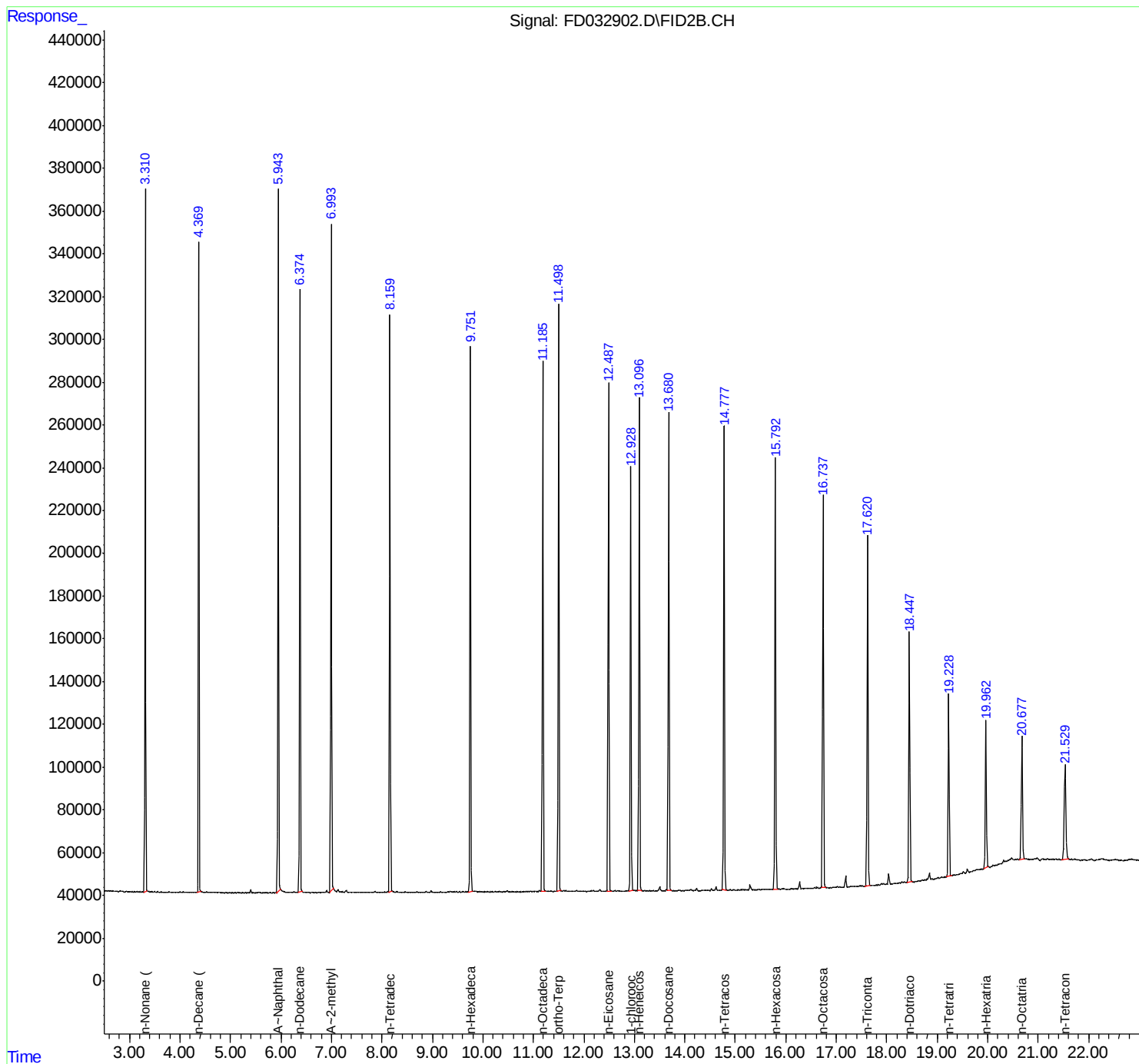
(m)=manual int.

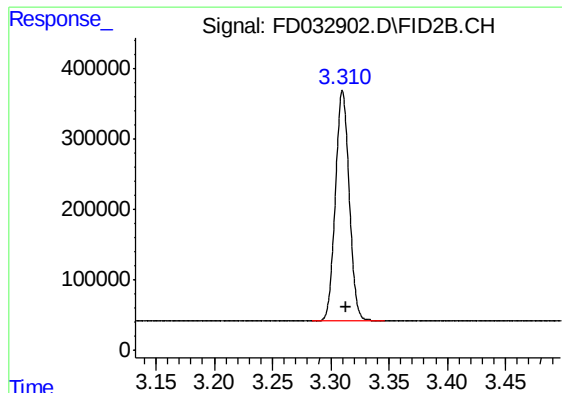
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041420AL\  
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Signal(s) : FID2B.CH  
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Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 040720.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 07 14:10:50 2020  
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

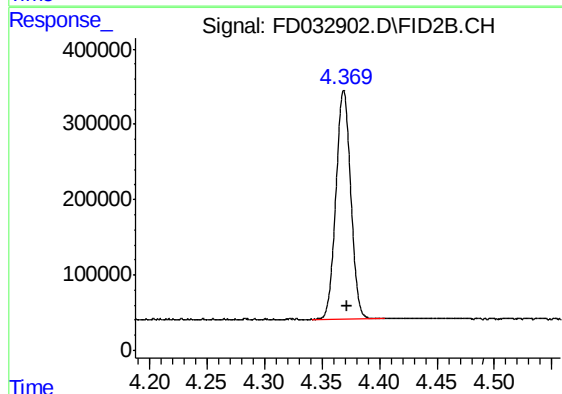




#1 n-Nonane (C9)

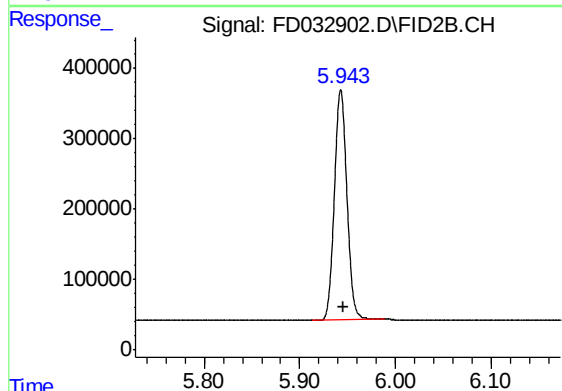
R.T.: 3.310 min  
Delta R.T.: -0.003 min  
Response: 2701718  
Conc: 20.21 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



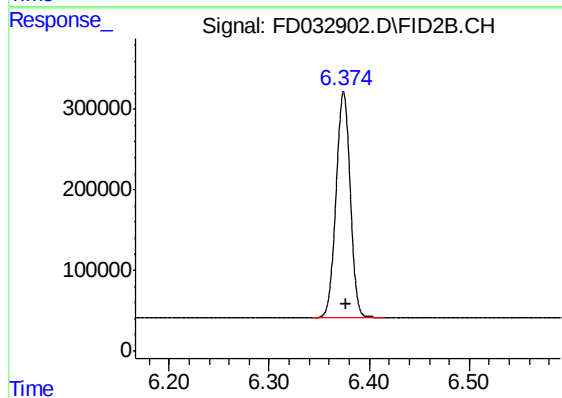
#2 n-Decane (C10)

R.T.: 4.369 min  
Delta R.T.: -0.003 min  
Response: 2719320  
Conc: 20.30 ug/ml



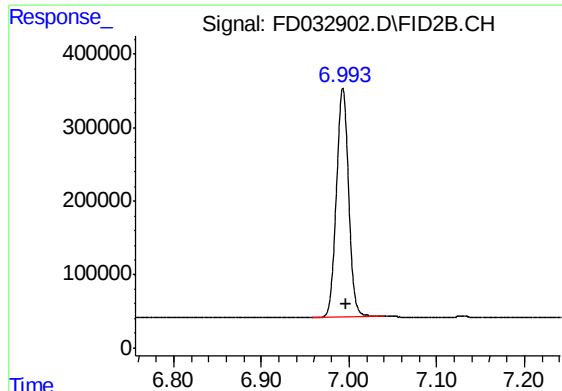
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min  
Delta R.T.: -0.003 min  
Response: 2994423  
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

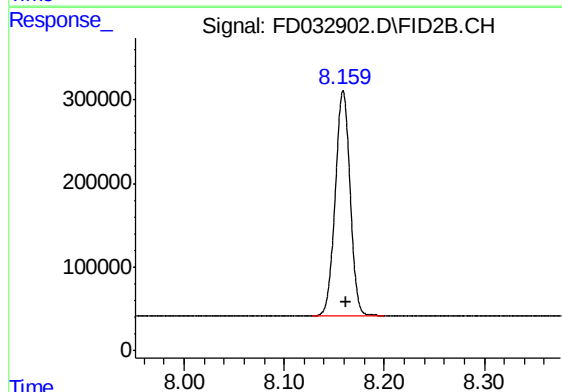
R.T.: 6.375 min  
Delta R.T.: -0.003 min  
Response: 2750599  
Conc: 20.29 ug/ml



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

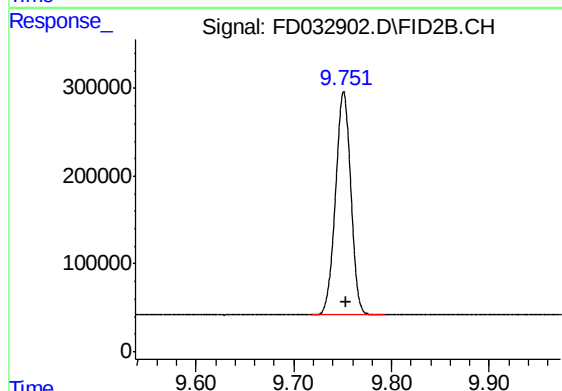
R.T.: 6.993 min  
Delta R.T.: -0.003 min  
Response: 3015802  
Conc: 20.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



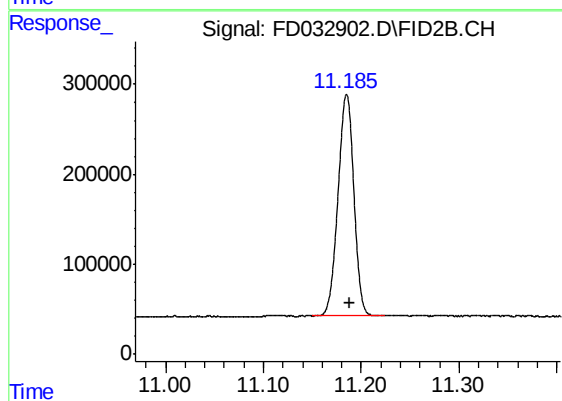
#6 n-Tetradecane (C14)

R.T.: 8.159 min  
Delta R.T.: -0.003 min  
Response: 2761857  
Conc: 20.20 ug/ml



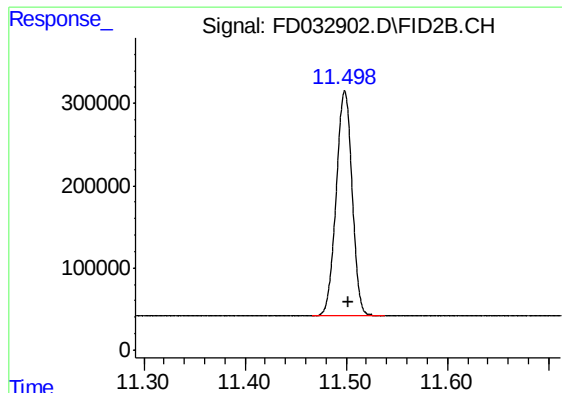
#7 n-Hexadecane (C16)

R.T.: 9.751 min  
Delta R.T.: -0.003 min  
Response: 2773385  
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

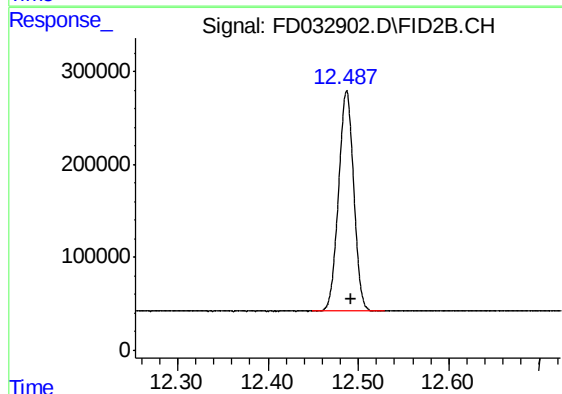
R.T.: 11.185 min  
Delta R.T.: -0.003 min  
Response: 2780173  
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

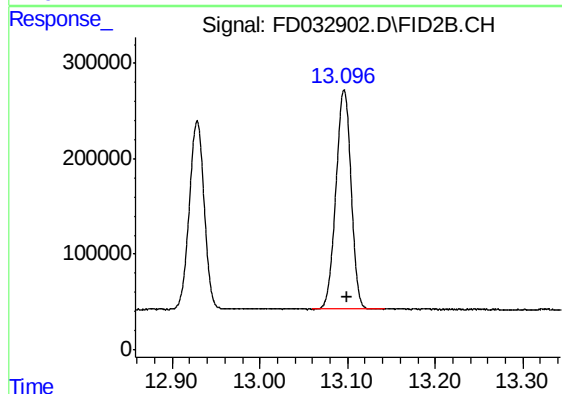
R.T.: 11.499 min  
Delta R.T.: -0.004 min  
Response: 2985506  
Conc: 19.87 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



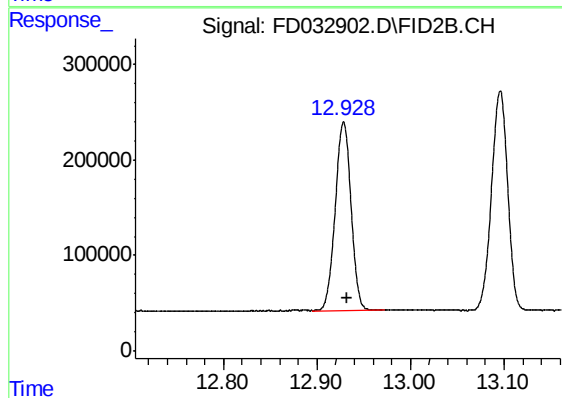
#10 n-Eicosane (C20)

R.T.: 12.487 min  
Delta R.T.: -0.004 min  
Response: 2770307  
Conc: 19.94 ug/ml



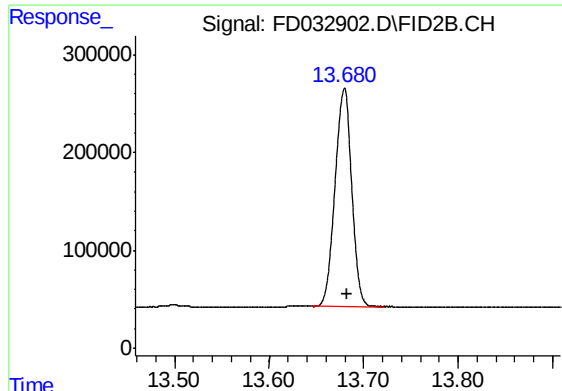
#11 n-Heneicosane (C21)

R.T.: 13.096 min  
Delta R.T.: -0.004 min  
Response: 2774658  
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

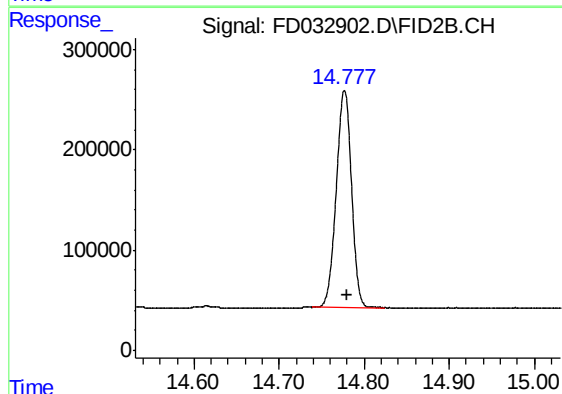
R.T.: 12.929 min  
Delta R.T.: -0.004 min  
Response: 2325031  
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

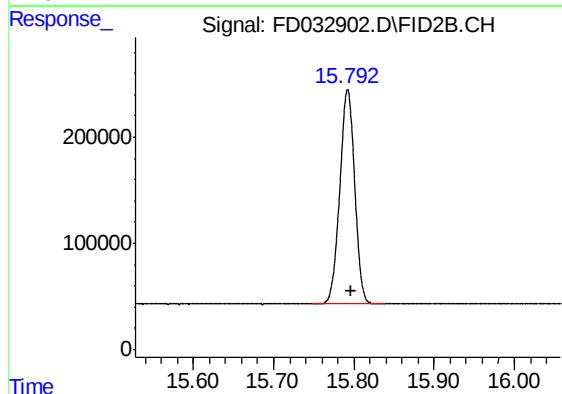
R.T.: 13.680 min  
Delta R.T.: -0.004 min  
Response: 2738957  
Conc: 19.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



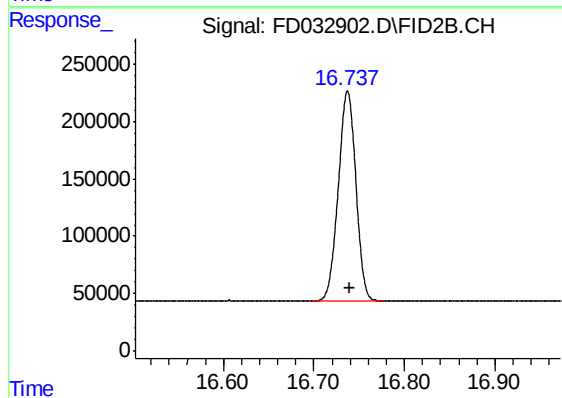
#14 n-Tetracosane (C24)

R.T.: 14.777 min  
Delta R.T.: -0.004 min  
Response: 2702692  
Conc: 19.70 ug/ml



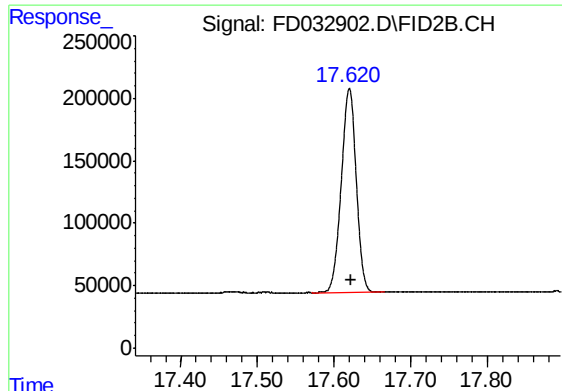
#15 n-Hexacosane (C26)

R.T.: 15.792 min  
Delta R.T.: -0.004 min  
Response: 2604139  
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

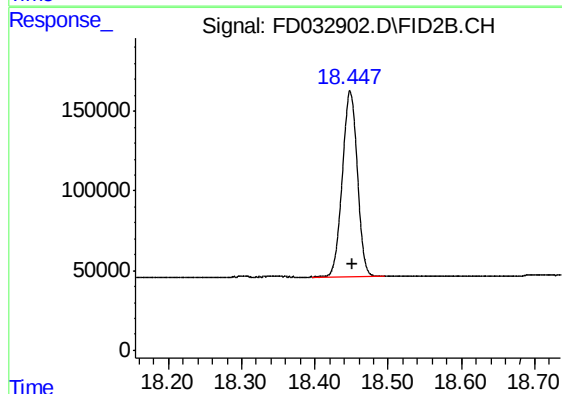
R.T.: 16.737 min  
Delta R.T.: -0.003 min  
Response: 2470423  
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

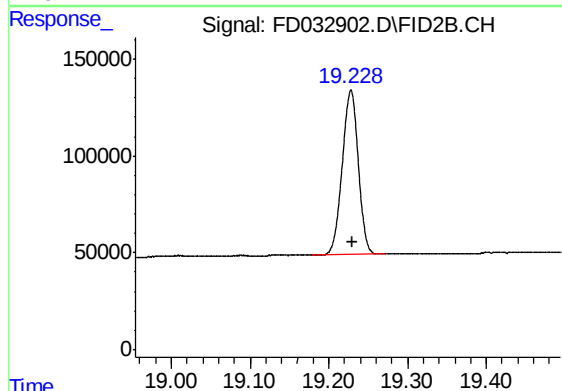
R.T.: 17.620 min  
Delta R.T.: -0.003 min  
Response: 2233385  
Conc: 19.62 ug/ml

Instrument :  
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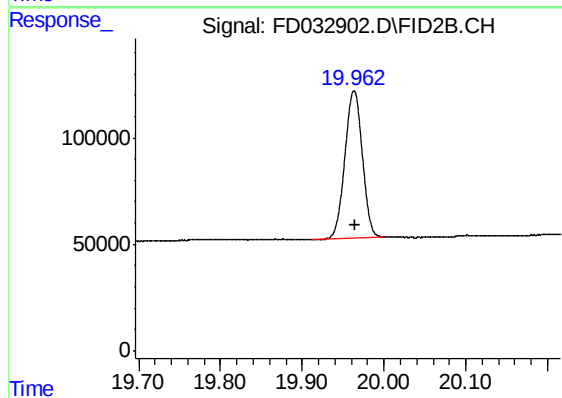
#18 n-Dotriacontane (C32)

R.T.: 18.448 min  
Delta R.T.: -0.003 min  
Response: 1657349  
Conc: 19.73 ug/ml



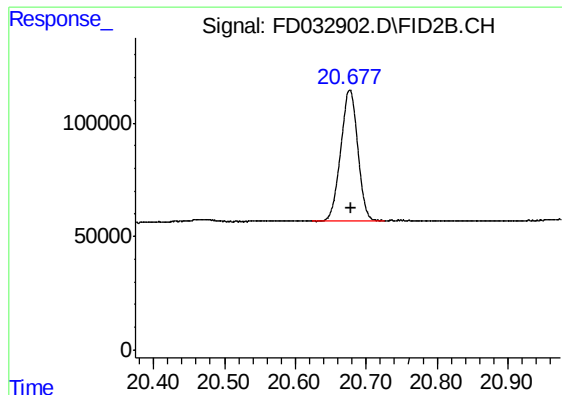
#19 n-Tetatriacontane (C34)

R.T.: 19.228 min  
Delta R.T.: -0.002 min  
Response: 1204105  
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

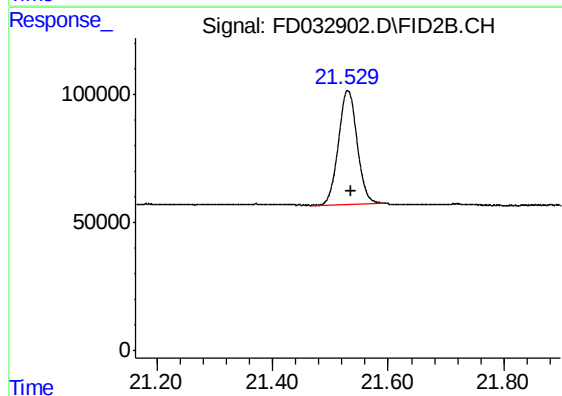
R.T.: 19.963 min  
Delta R.T.: -0.002 min  
Response: 1019337  
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min  
Delta R.T.: -0.002 min  
Response: 960574  
Conc: 19.95 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.530 min  
Delta R.T.: -0.006 min  
Response: 990852  
Conc: 19.64 ug/ml