

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101019AL\  
 Data File : FD030956.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Oct 2019 12:07  
 Operator : DD\AJ  
 Sample : PB123798BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB123798BS

Manual Integrations  
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 10/14/2019 8:32:23 AM

Integration File: autoint1.e  
 Quant Time: Oct 11 03:26:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 03:19:09 2019  
 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)    | 11.454 | 4165613    | 29.697 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.39%        |
| 12) S 1-chlorooctadecane (S... | 12.881 | 3401362    | 31.349 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 62.70%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.289  | 4570020    | 38.902 ug/ml  |
| 2) T n-Decane (C10)            | 4.341  | 5017237    | 42.733 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.908  | 5769445    | 44.218 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.340  | 5164763    | 43.401 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.957  | 5624616    | 42.667 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.124  | 5233027    | 43.427 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.712  | 5184932    | 42.396 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.142 | 5054730    | 40.580 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.442 | 4939181    | 39.168 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.049 | 4862952    | 38.034 ug/ml  |
| 13) T n-Docosane (C22)         | 13.631 | 4786499    | 37.364 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.724 | 3784254    | 29.163 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.738 | 4455385    | 34.311 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.678 | 4352751    | 33.620 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.559 | 4321166    | 33.261 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.383 | 4147772    | 32.932 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.158 | 3834298    | 31.505 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.891 | 3304757    | 28.651 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.594 | 2882601    | 27.332 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.426 | 2795305    | 26.419 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
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Misc :  
ALS Vial : 54 Sample Multiplier: 1

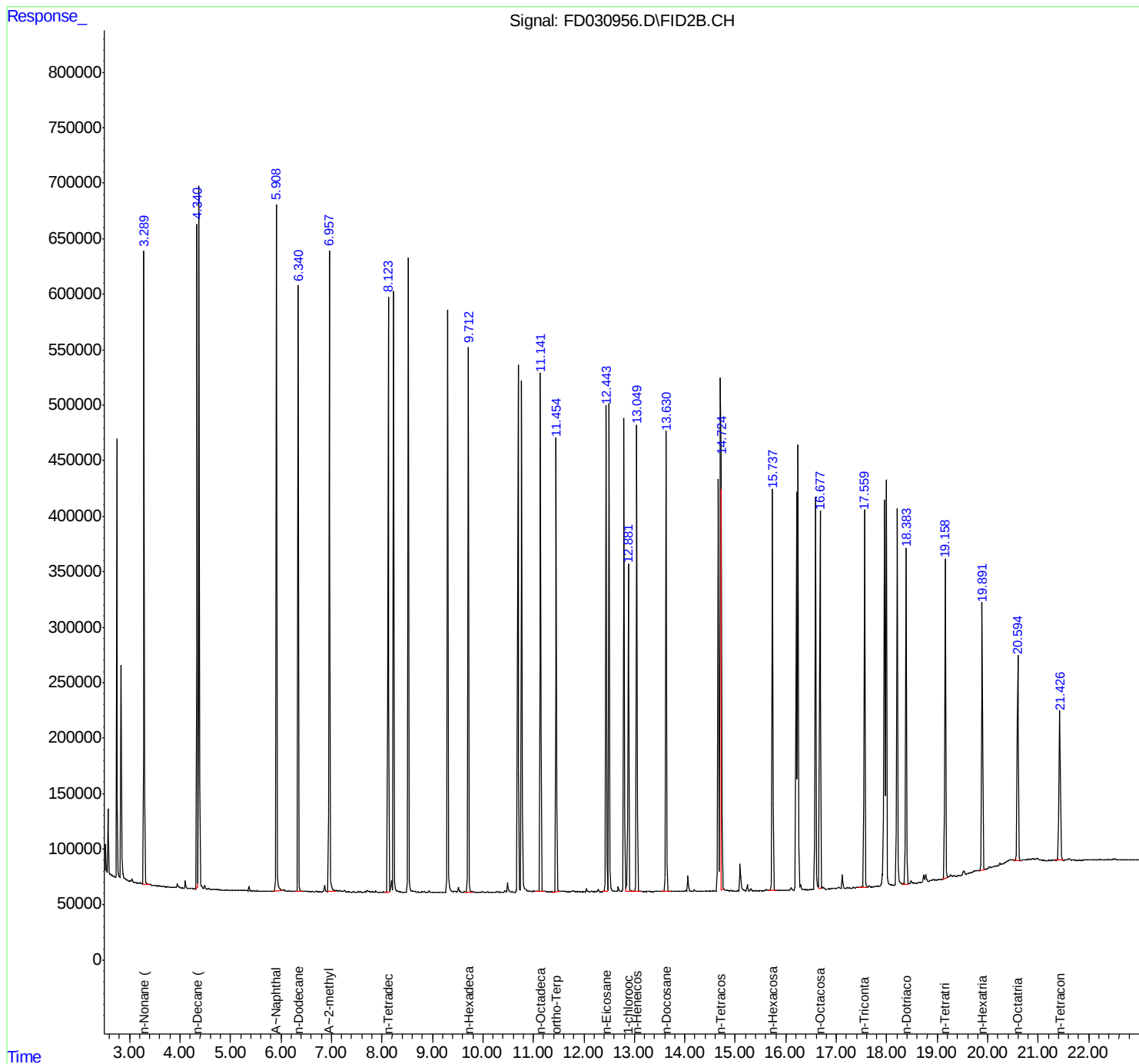
Instrument :  
FID\_D  
ClientSampled :  
PB123798BS

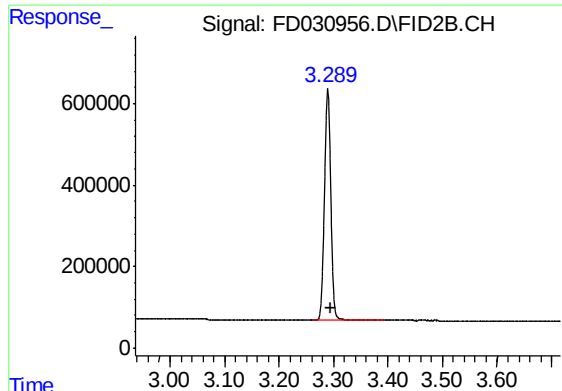
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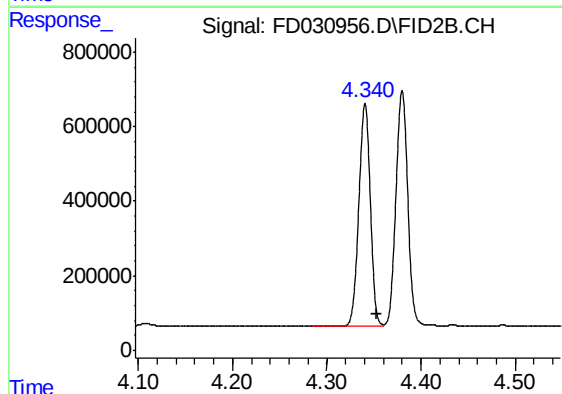
#1 n-Nonane (C9)

R.T.: 3.289 min  
Delta R.T.: -0.006 min  
Response: 4570020  
Conc: 38.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB123798BS

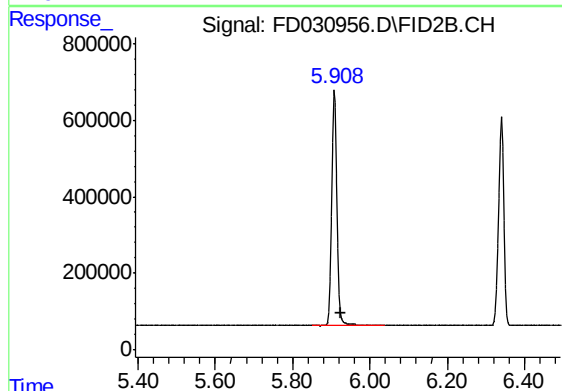
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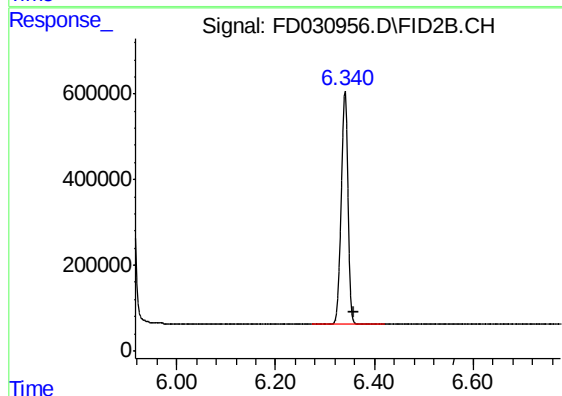
#2 n-Decane (C10)

R.T.: 4.341 min  
Delta R.T.: -0.012 min  
Response: 5017237  
Conc: 42.73 ug/ml



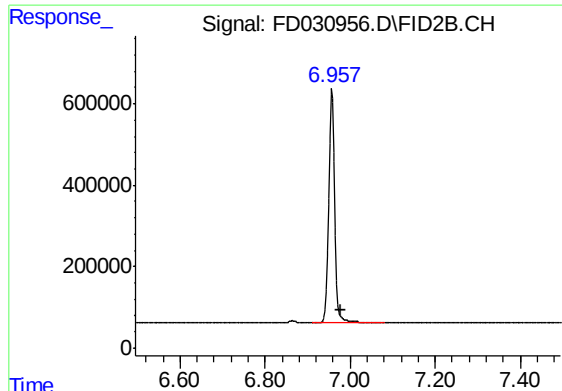
#3 A~Naphthalene (C11.7)

R.T.: 5.908 min  
Delta R.T.: -0.017 min  
Response: 5769445  
Conc: 44.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.340 min  
Delta R.T.: -0.017 min  
Response: 5164763  
Conc: 43.40 ug/ml



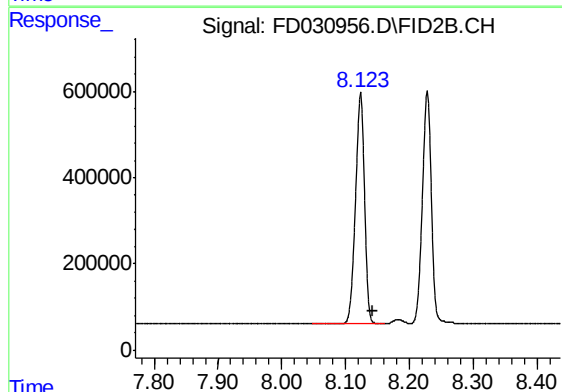
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.957 min  
Delta R.T.: -0.020 min  
Response: 5624616  
Conc: 42.67 ug/ml

Instrument :  
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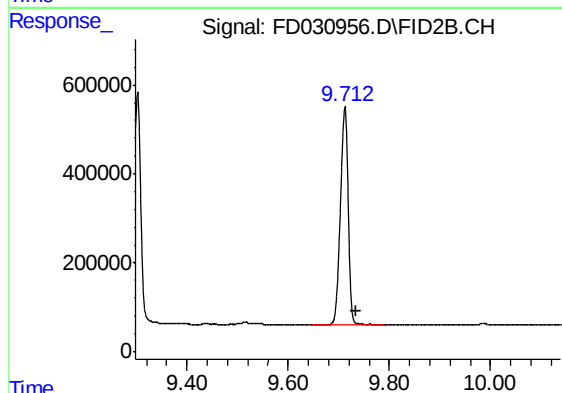
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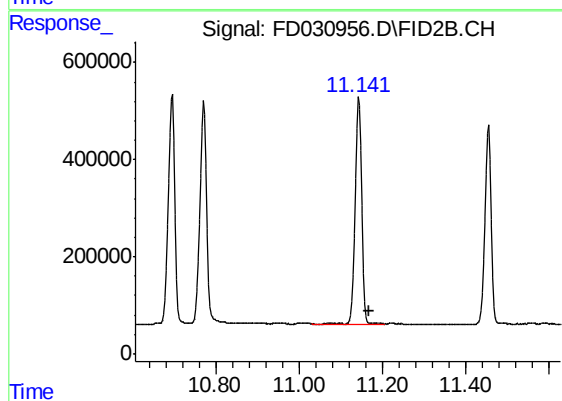
#6 n-Tetradecane (C14)

R.T.: 8.124 min  
Delta R.T.: -0.019 min  
Response: 5233027  
Conc: 43.43 ug/ml



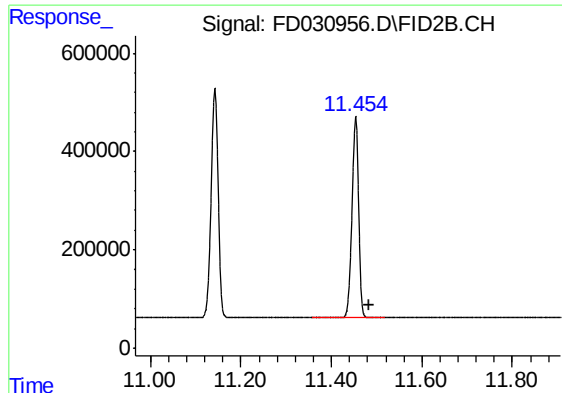
#7 n-Hexadecane (C16)

R.T.: 9.712 min  
Delta R.T.: -0.022 min  
Response: 5184932  
Conc: 42.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.142 min  
Delta R.T.: -0.026 min  
Response: 5054730  
Conc: 40.58 ug/ml



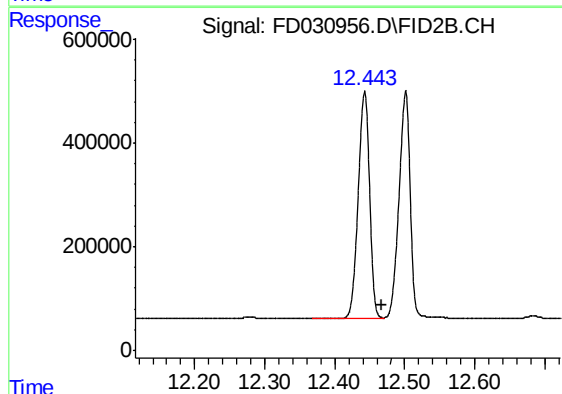
#9 ortho-Terphenyl (SURR)

R.T.: 11.454 min  
Delta R.T.: -0.028 min  
Response: 4165613  
Conc: 29.70 ug/ml

Instrument :  
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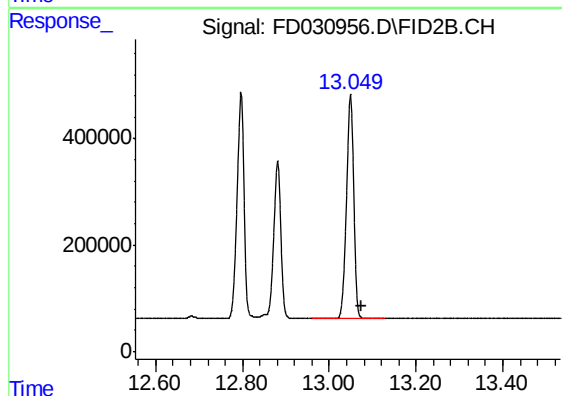
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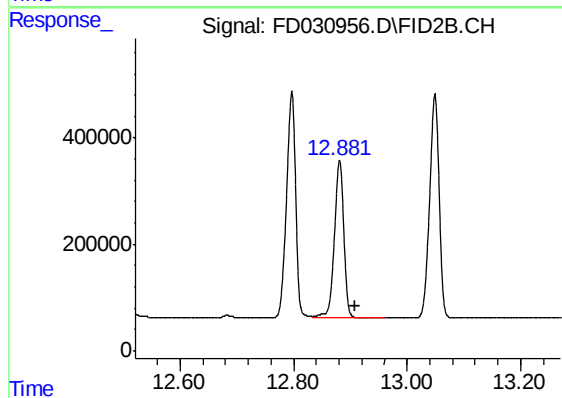
#10 n-Eicosane (C20)

R.T.: 12.442 min  
Delta R.T.: -0.025 min  
Response: 4939181  
Conc: 39.17 ug/ml



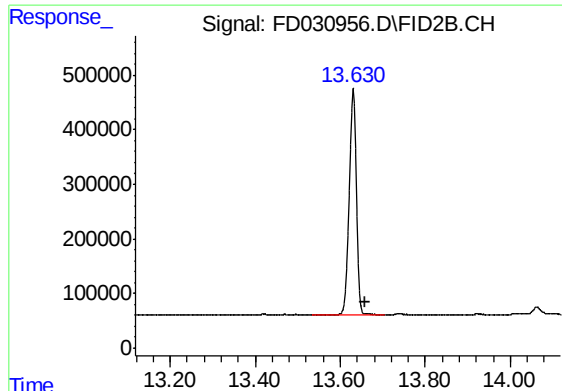
#11 n-Heneicosane (C21)

R.T.: 13.049 min  
Delta R.T.: -0.026 min  
Response: 4862952  
Conc: 38.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.881 min  
Delta R.T.: -0.026 min  
Response: 3401362  
Conc: 31.35 ug/ml



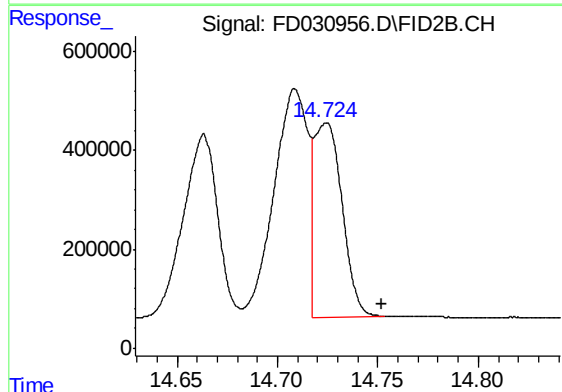
#13 n-Docosane (C22)

R.T.: 13.631 min  
Delta R.T.: -0.027 min  
Response: 4786499  
Conc: 37.36 ug/ml

Instrument :  
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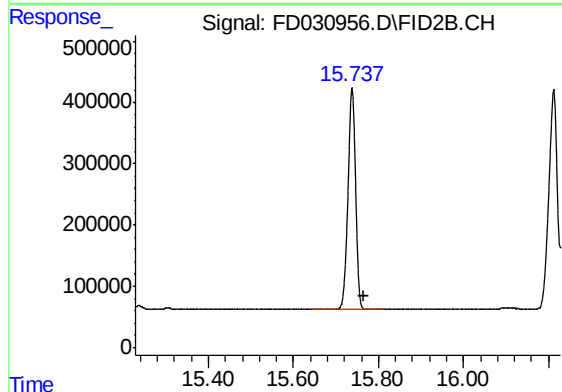
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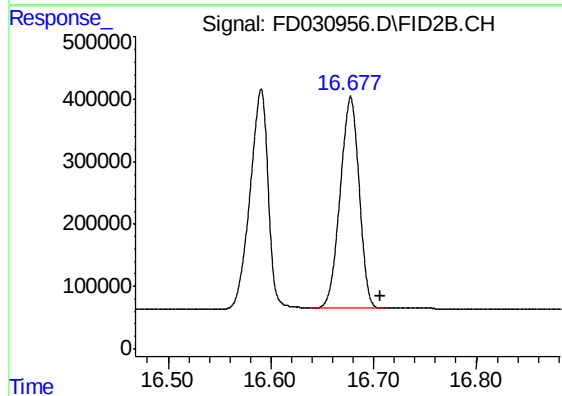
#14 n-Tetracosane (C24)

R.T.: 14.724 min  
Delta R.T.: -0.028 min  
Response: 3784254  
Conc: 29.16 ug/ml m



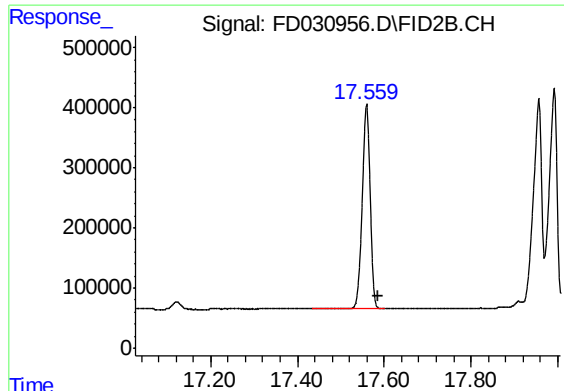
#15 n-Hexacosane (C26)

R.T.: 15.738 min  
Delta R.T.: -0.027 min  
Response: 4455385  
Conc: 34.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.678 min  
Delta R.T.: -0.029 min  
Response: 4352751  
Conc: 33.62 ug/ml



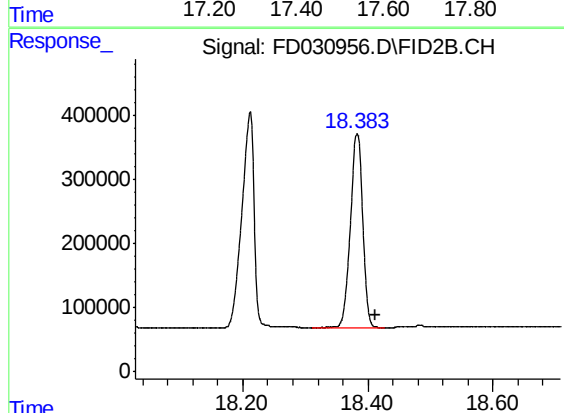
#17 n-Tricontane (C30)

R.T.: 17.559 min  
Delta R.T.: -0.027 min  
Response: 4321166  
Conc: 33.26 ug/ml

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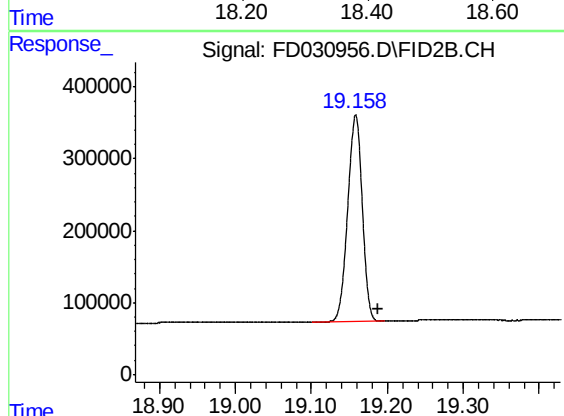
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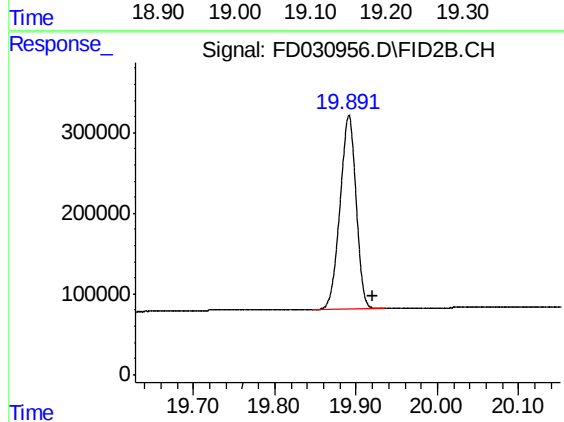
#18 n-Dotriacontane (C32)

R.T.: 18.383 min  
Delta R.T.: -0.029 min  
Response: 4147772  
Conc: 32.93 ug/ml



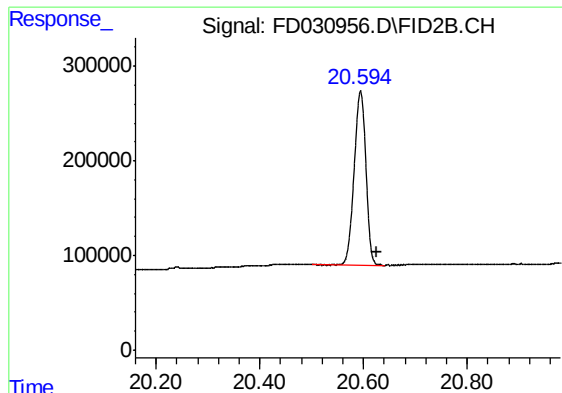
#19 n-Tetatriacontane (C34)

R.T.: 19.158 min  
Delta R.T.: -0.030 min  
Response: 3834298  
Conc: 31.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.891 min  
Delta R.T.: -0.029 min  
Response: 3304757  
Conc: 28.65 ug/ml m



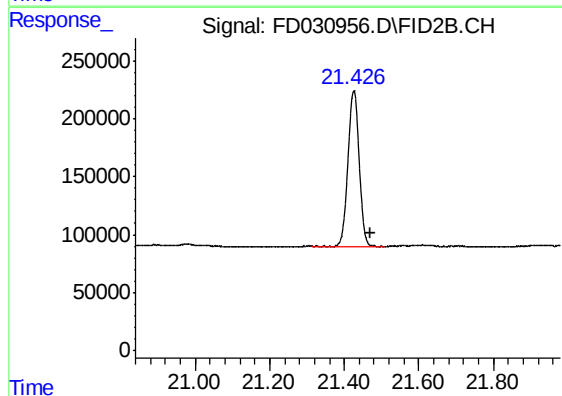
#21 n-Octatriacontane (C38)

R.T.: 20.594 min  
Delta R.T.: -0.032 min  
Response: 2882601  
Conc: 27.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.426 min  
Delta R.T.: -0.044 min  
Response: 2795305  
Conc: 26.42 ug/ml