

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021319AL\  
 Data File : FC039140.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Feb 2019 16:08  
 Operator : AJ\SJ  
 Sample : PB117072BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB117072BS

Manual Integrations  
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 2/14/2019 3:16:30 PM

Integration File: autoint1.e  
 Quant Time: Feb 14 03:01:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 020619.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 07 03:09:34 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)    | 11.227 | 5386177    | 34.450 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.90%        |
| 12) S 1-chlorooctadecane (S... | 12.672 | 3981721    | 33.769 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 67.54%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.085  | 3723279    | 35.873 ug/ml  |
| 2) T n-Decane (C10)            | 4.134  | 3814540    | 37.007 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.686  | 4402794    | 39.236 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.132  | 4054199    | 38.371 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.733  | 4504767    | 40.511 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.913  | 4289162    | 39.388 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.500  | 4465385    | 39.700 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.932 | 4608892    | 39.367 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.234 | 4653796    | 39.078 ug/mlm |
| 11) T n-Heneicosane (C21)      | 12.842 | 4562988    | 38.772 ug/ml  |
| 13) T n-Docosane (C22)         | 13.424 | 4538208    | 38.503 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.521 | 4838928    | 41.033 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.539 | 4469207    | 38.438 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.483 | 4390168    | 37.670 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.366 | 4369283    | 37.647 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.194 | 4267635    | 39.242 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.974 | 3993372    | 43.118 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.711 | 3627171    | 45.665 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.407 | 3310566    | 45.077 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.194 | 3101201    | 41.563 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ  
Sample : PB117072BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

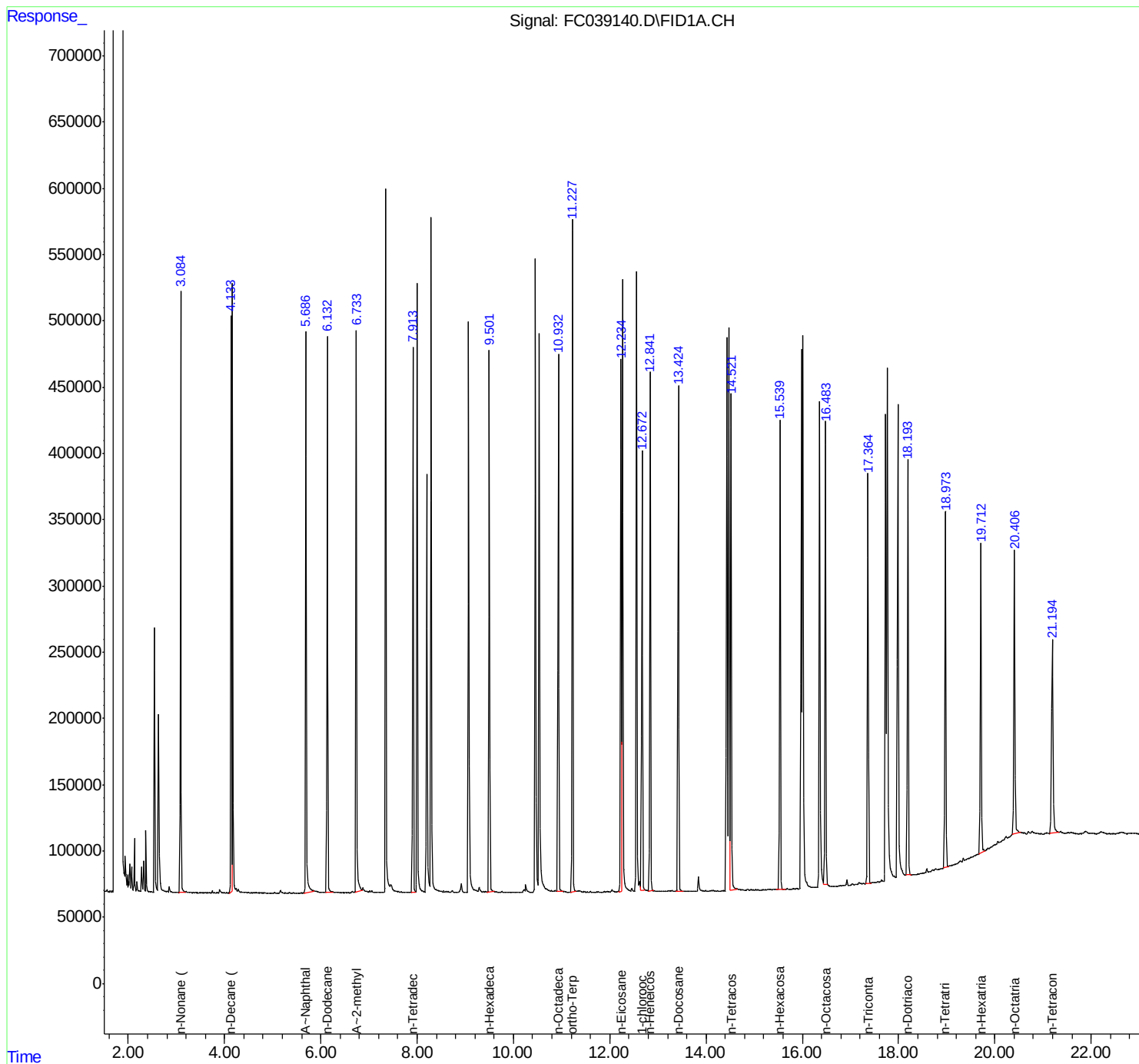
Instrument :  
FID\_C  
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PB117072BS

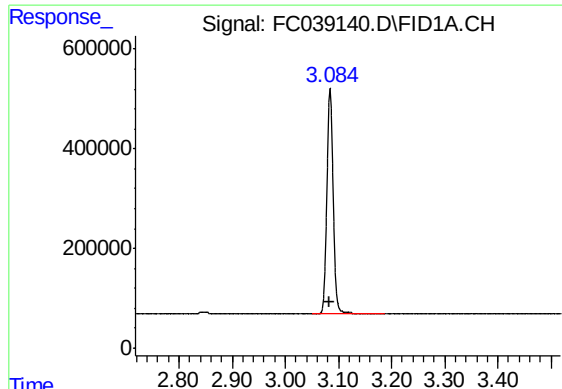
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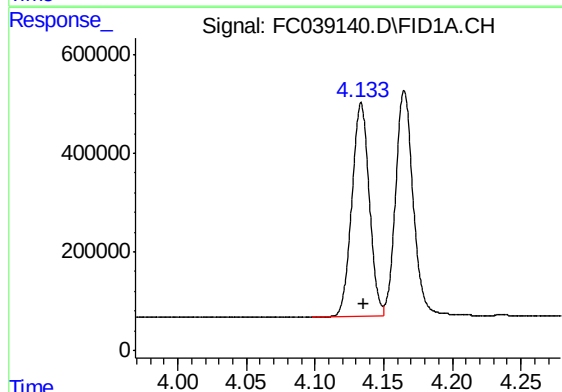
#1 n-Nonane (C9)

R.T.: 3.085 min  
Delta R.T.: 0.002 min  
Response: 3723279  
Conc: 35.87 ug/ml

Instrument :  
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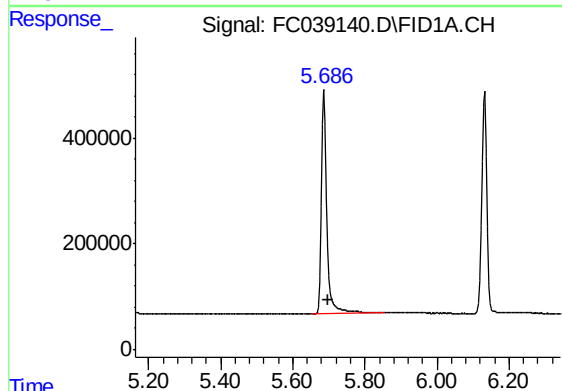
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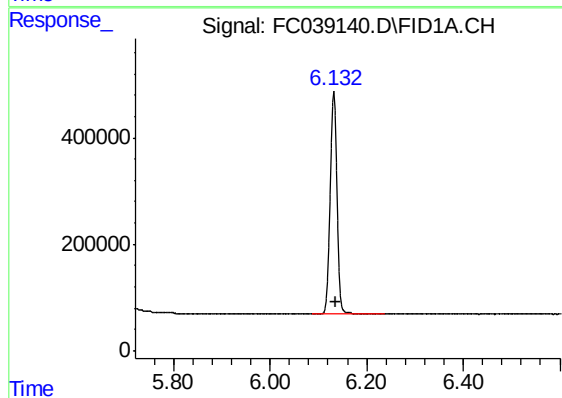
#2 n-Decane (C10)

R.T.: 4.134 min  
Delta R.T.: -0.002 min  
Response: 3814540  
Conc: 37.01 ug/ml



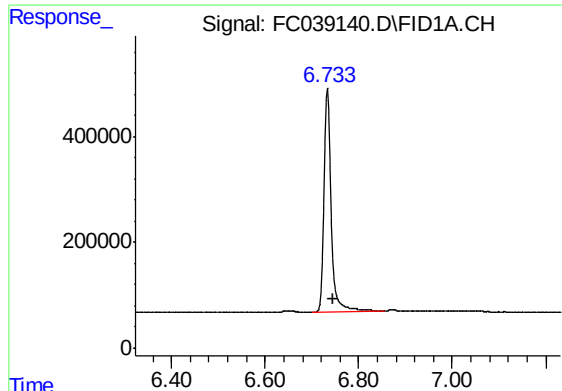
#3 A~Naphthalene (C11.7)

R.T.: 5.686 min  
Delta R.T.: -0.013 min  
Response: 4402794  
Conc: 39.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.132 min  
Delta R.T.: -0.005 min  
Response: 4054199  
Conc: 38.37 ug/ml



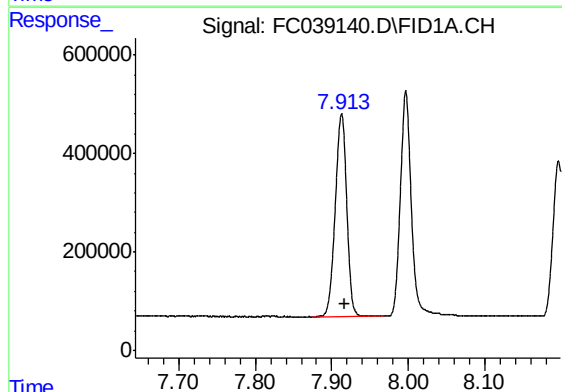
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.733 min  
Delta R.T.: -0.013 min  
Response: 4504767  
Conc: 40.51 ug/ml

Instrument :  
FID\_C  
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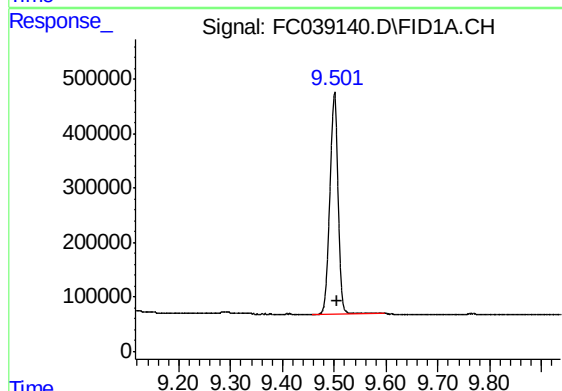
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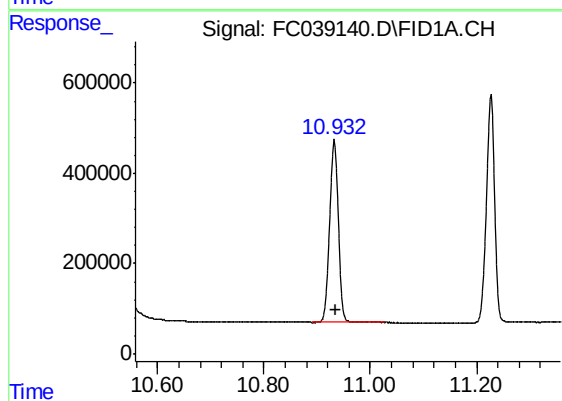
#6 n-Tetradecane (C14)

R.T.: 7.913 min  
Delta R.T.: -0.004 min  
Response: 4289162  
Conc: 39.39 ug/ml



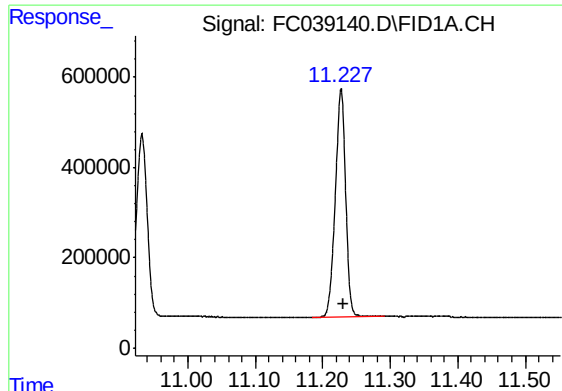
#7 n-Hexadecane (C16)

R.T.: 9.500 min  
Delta R.T.: -0.005 min  
Response: 4465385  
Conc: 39.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.932 min  
Delta R.T.: -0.004 min  
Response: 4608892  
Conc: 39.37 ug/ml



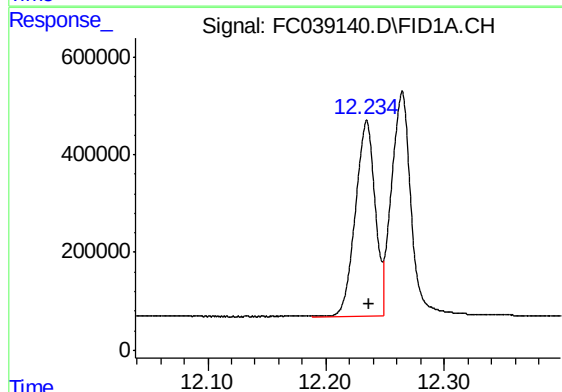
#9 ortho-Terphenyl (SURR)

R.T.: 11.227 min  
Delta R.T.: -0.004 min  
Response: 5386177  
Conc: 34.45 ug/ml

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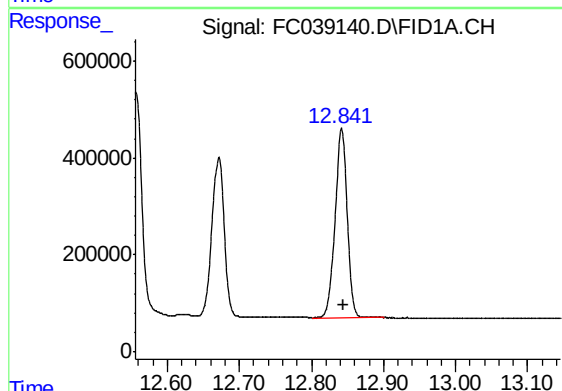
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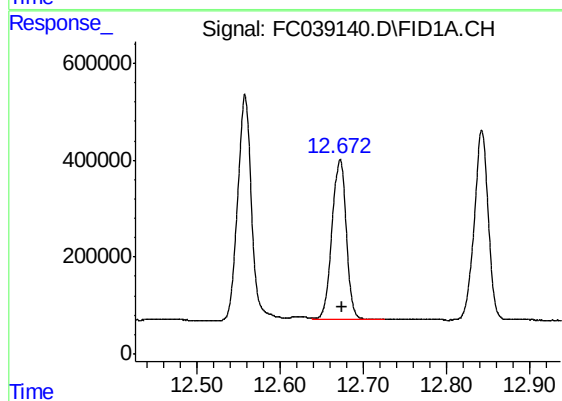
#10 n-Eicosane (C20)

R.T.: 12.234 min  
Delta R.T.: -0.002 min  
Response: 4653796  
Conc: 39.08 ug/ml m



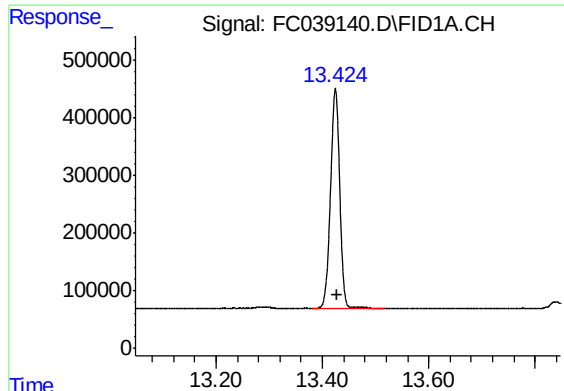
#11 n-Heneicosane (C21)

R.T.: 12.842 min  
Delta R.T.: -0.002 min  
Response: 4562988  
Conc: 38.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.672 min  
Delta R.T.: -0.002 min  
Response: 3981721  
Conc: 33.77 ug/ml m



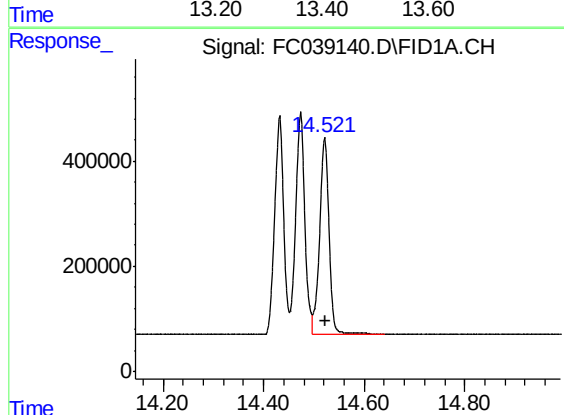
#13 n-Docosane (C22)

R.T.: 13.424 min  
Delta R.T.: -0.003 min  
Response: 4538208  
Conc: 38.50 ug/ml

Instrument :  
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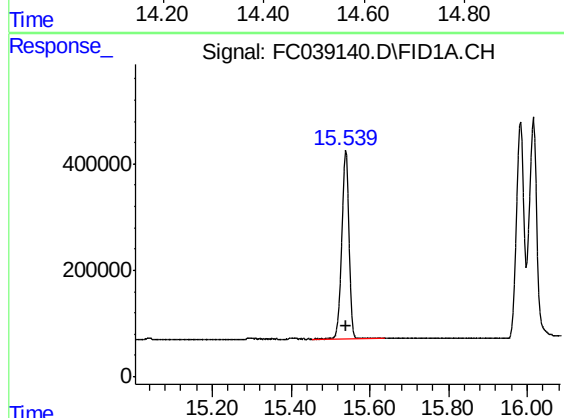
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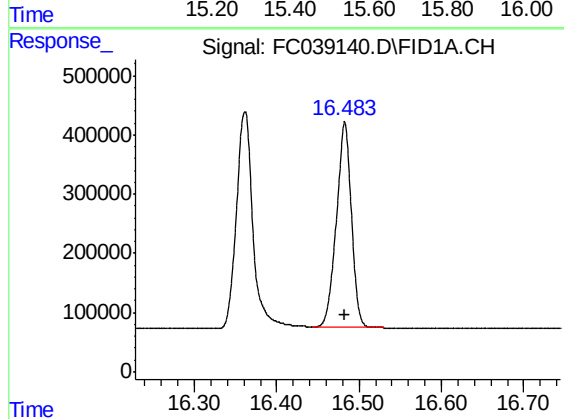
#14 n-Tetracosane (C24)

R.T.: 14.521 min  
Delta R.T.: -0.003 min  
Response: 4838928  
Conc: 41.03 ug/ml



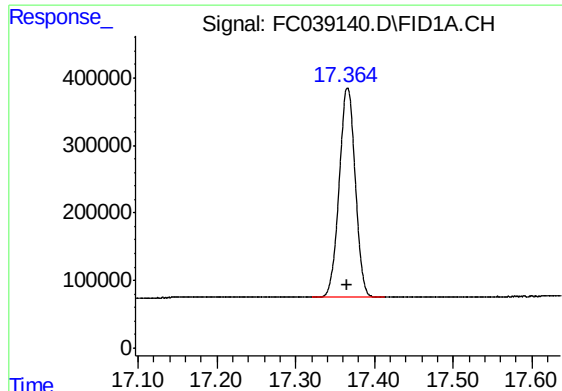
#15 n-Hexacosane (C26)

R.T.: 15.539 min  
Delta R.T.: 0.000 min  
Response: 4469207  
Conc: 38.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.483 min  
Delta R.T.: 0.000 min  
Response: 4390168  
Conc: 37.67 ug/ml m



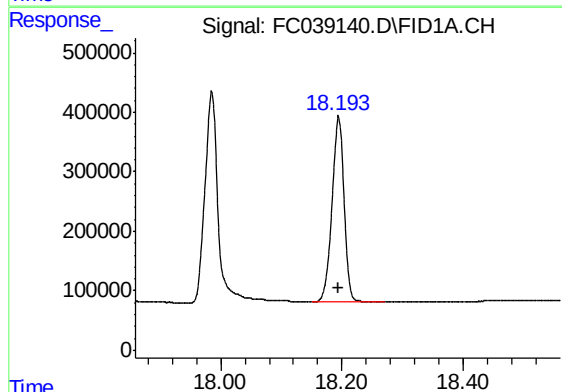
#17 n-Tricontane (C30)

R.T.: 17.366 min  
Delta R.T.: 0.000 min  
Response: 4369283  
Conc: 37.65 ug/ml

Instrument :  
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PB117072BS

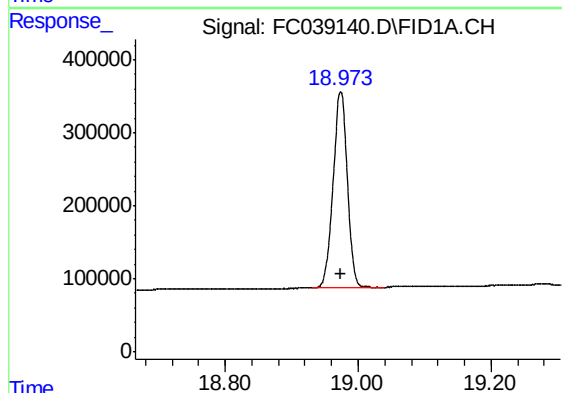
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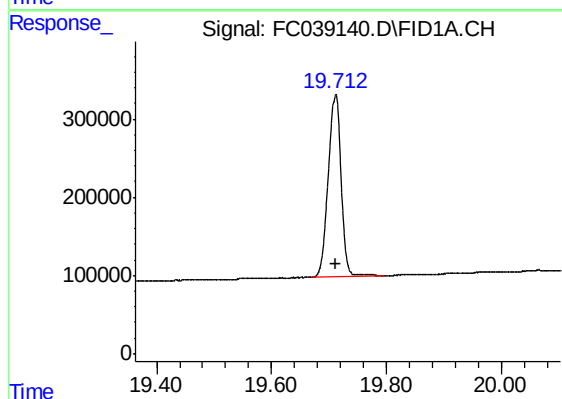
#18 n-Dotriacontane (C32)

R.T.: 18.194 min  
Delta R.T.: 0.000 min  
Response: 4267635  
Conc: 39.24 ug/ml



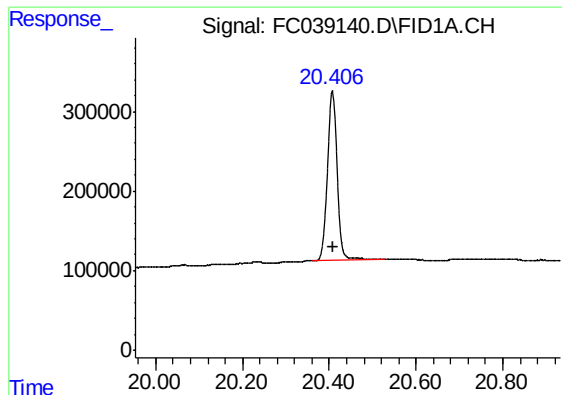
#19 n-Tetatriacontane (C34)

R.T.: 18.974 min  
Delta R.T.: -0.001 min  
Response: 3993372  
Conc: 43.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.711 min  
Delta R.T.: -0.001 min  
Response: 3627171  
Conc: 45.66 ug/ml



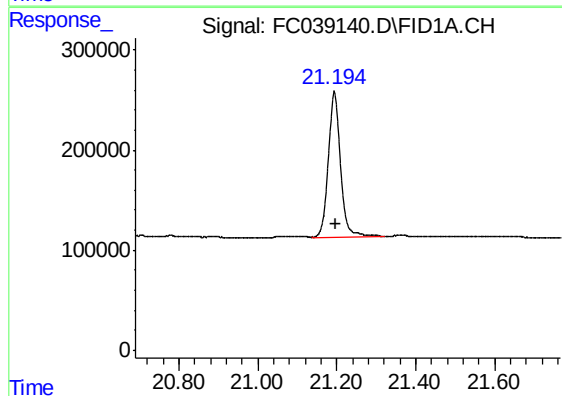
#21 n-Octatriacontane (C38)

R.T.: 20.407 min  
Delta R.T.: -0.002 min  
Response: 3310566  
Conc: 45.08 ug/ml

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.194 min  
Delta R.T.: -0.004 min  
Response: 3101201  
Conc: 41.56 ug/ml m