

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040721AL\  
 Data File : FD036772.D  
 Signal(s) : FID2B.CH  
 Acq On : 08 Apr 2021 8:29  
 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

Manual Integrations  
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Integration File: sample.E  
 Quant Time: Apr 08 09:02:08 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 09:10:29 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)    | 11.497 | 2678318    | 18.076 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.15%        |
| 12) S 1-chlorooctadecane (S... | 12.929 | 2050573    | 17.620 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.24%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.293  | 2614438    | 20.567 ug/ml  |
| 2) T n-Decane (C10)            | 4.355  | 2669195    | 20.715 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.931  | 2982498    | 20.427 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.366  | 2742290    | 20.687 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.984  | 3021983    | 20.183 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.154  | 2714549    | 19.971 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.748  | 2608760    | 19.589 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.185 | 2612598    | 18.861 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.488 | 2500902    | 18.092 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.097 | 2425303    | 17.616 ug/ml  |
| 13) T n-Docosane (C22)         | 13.680 | 2364146    | 17.381 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.778 | 2243018    | 16.918 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.793 | 2124499    | 16.779 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.737 | 2053709    | 17.029 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.620 | 2008347    | 17.483 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.446 | 1984051    | 18.039 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.226 | 1950675    | 18.993 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.960 | 2055039    | 21.033 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.671 | 2045857    | 22.128 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.527 | 2211639    | 21.927 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 08 Apr 2021 8:29  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

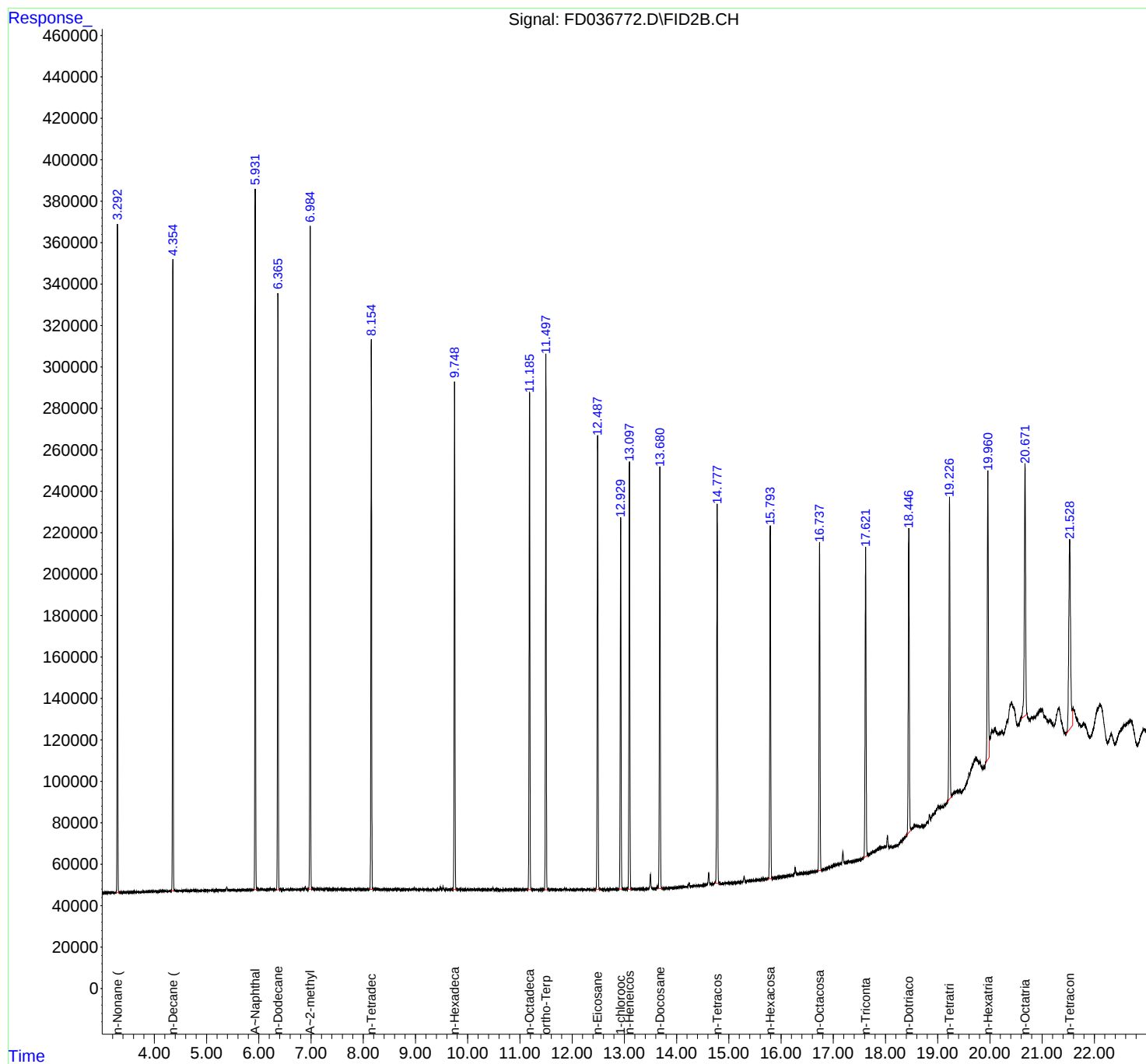
Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

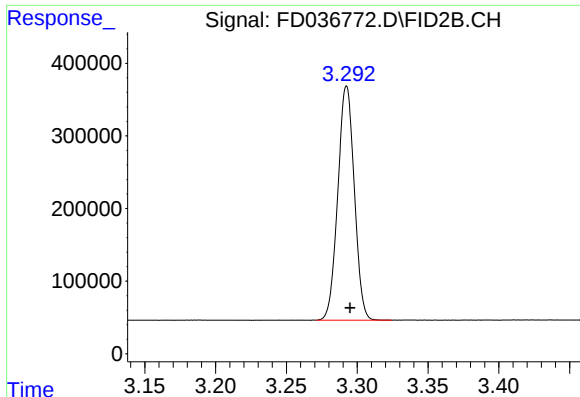
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Integration File: sample.E  
Quant Time: Apr 08 09:02:08 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 032321.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 24 09:10:29 2021  
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Integrator: 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





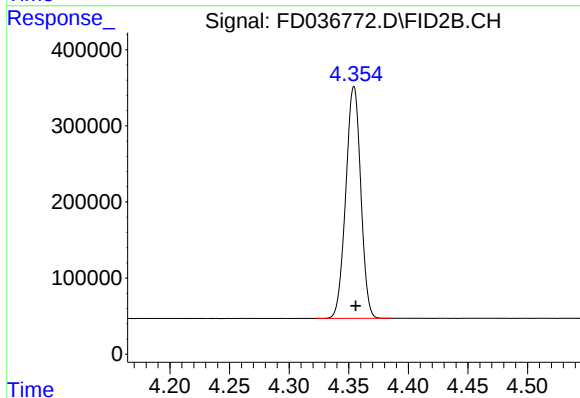
#1 n-Nonane (C9)

R.T.: 3.293 min  
Delta R.T.: -0.002 min  
Response: 2614438  
Conc: 20.57 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD

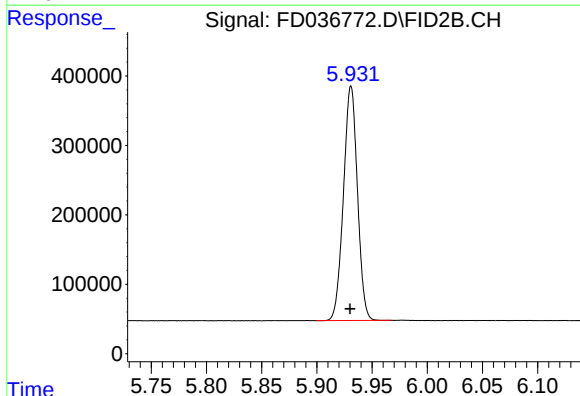
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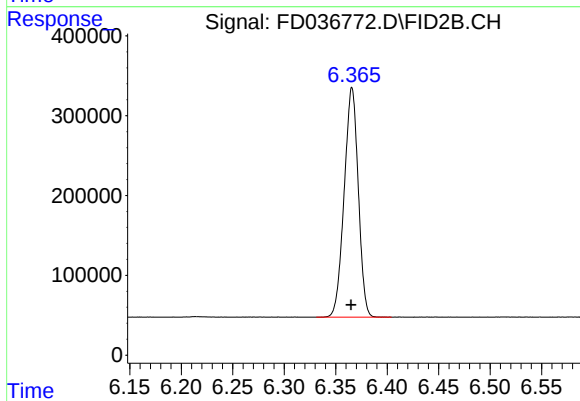
#2 n-Decane (C10)

R.T.: 4.355 min  
Delta R.T.: -0.001 min  
Response: 2669195  
Conc: 20.71 ug/ml



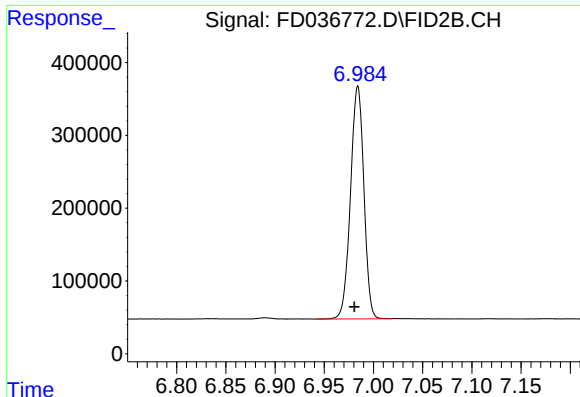
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 2982498  
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 2742290  
Conc: 20.69 ug/ml



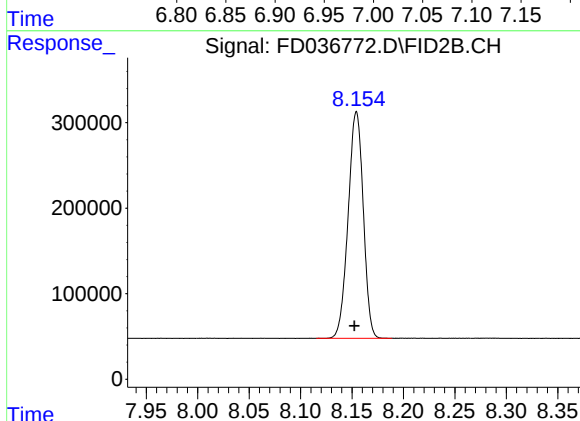
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min  
Delta R.T.: 0.003 min  
Response: 3021983  
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD

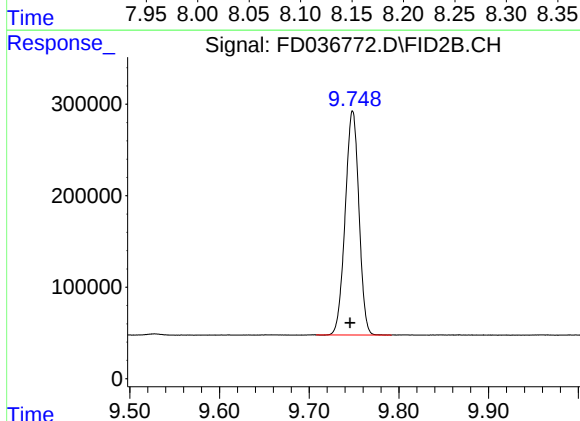
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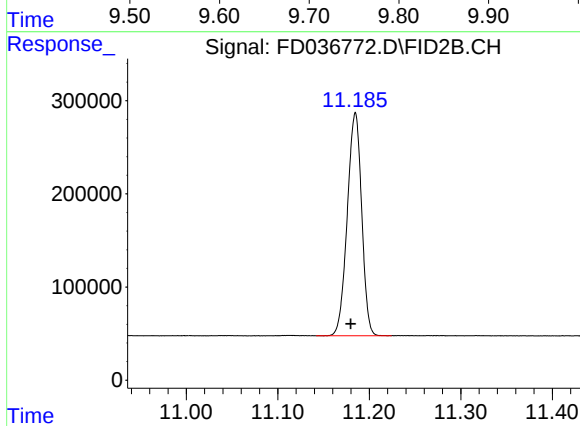
#6 n-Tetradecane (C14)

R.T.: 8.154 min  
Delta R.T.: 0.002 min  
Response: 2714549  
Conc: 19.97 ug/ml



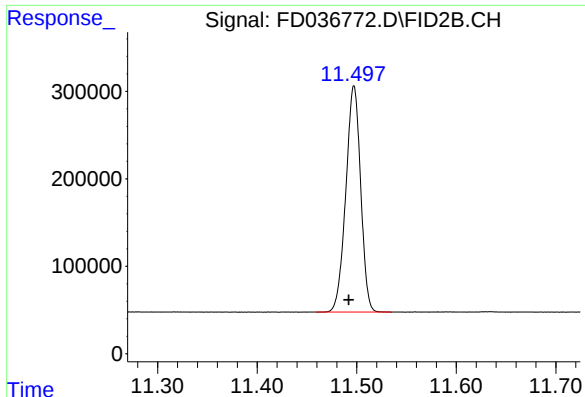
#7 n-Hexadecane (C16)

R.T.: 9.748 min  
Delta R.T.: 0.003 min  
Response: 2608760  
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.185 min  
Delta R.T.: 0.005 min  
Response: 2612598  
Conc: 18.86 ug/ml



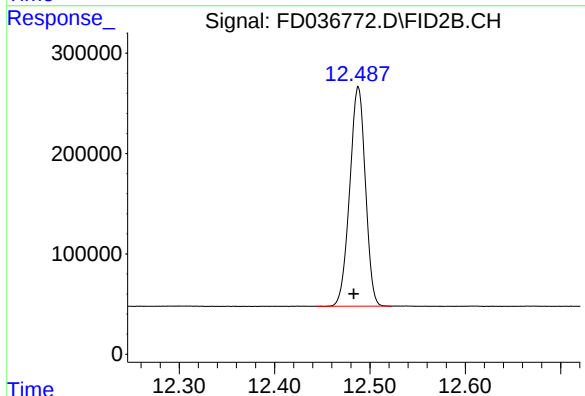
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min  
Delta R.T.: 0.005 min  
Response: 2678318  
Conc: 18.08 ug/ml

Instrument :  
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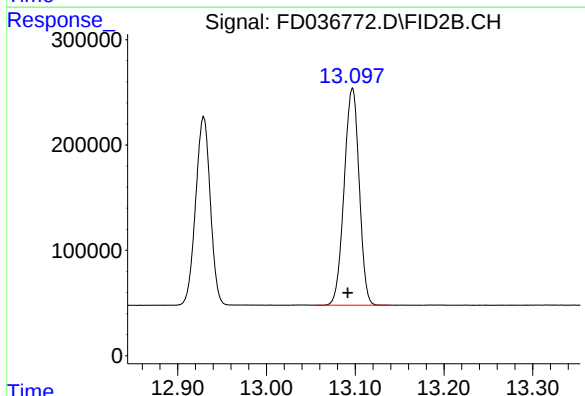
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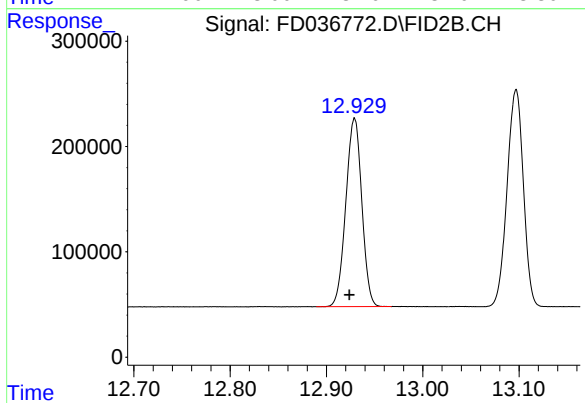
#10 n-Eicosane (C20)

R.T.: 12.488 min  
Delta R.T.: 0.005 min  
Response: 2500902  
Conc: 18.09 ug/ml



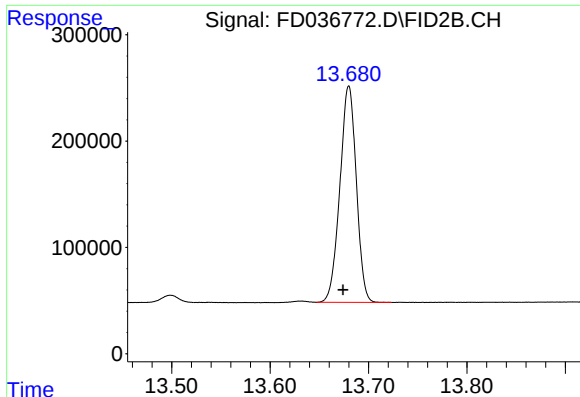
#11 n-Heneicosane (C21)

R.T.: 13.097 min  
Delta R.T.: 0.006 min  
Response: 2425303  
Conc: 17.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min  
Delta R.T.: 0.005 min  
Response: 2050573  
Conc: 17.62 ug/ml



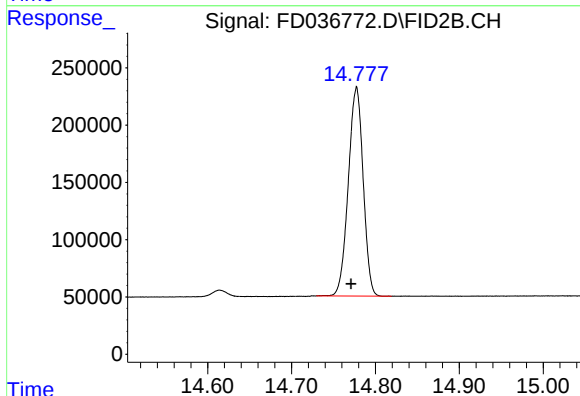
#13 n-Docosane (C22)

R.T.: 13.680 min  
Delta R.T.: 0.006 min  
Response: 2364146  
Conc: 17.38 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

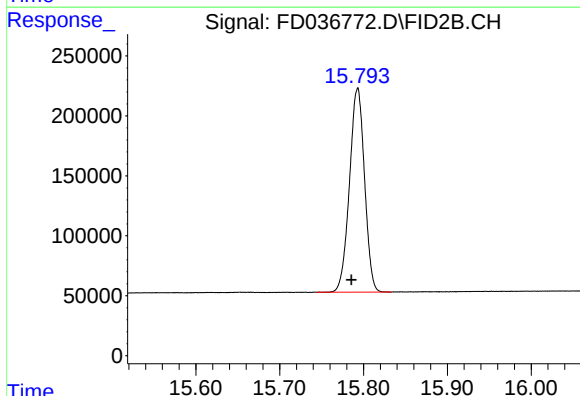
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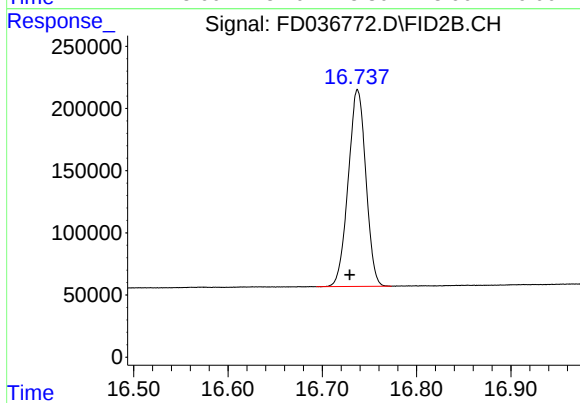
#14 n-Tetracosane (C24)

R.T.: 14.778 min  
Delta R.T.: 0.007 min  
Response: 2243018  
Conc: 16.92 ug/ml



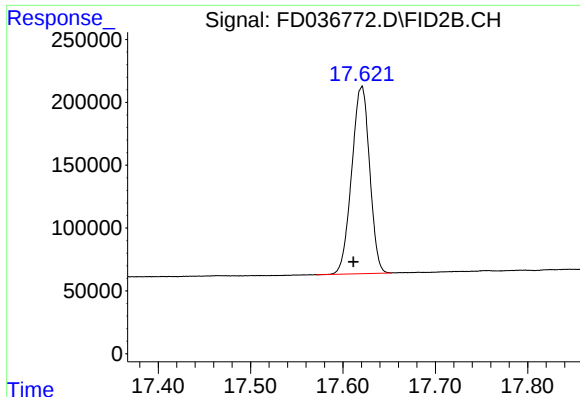
#15 n-Hexacosane (C26)

R.T.: 15.793 min  
Delta R.T.: 0.008 min  
Response: 2124499  
Conc: 16.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.737 min  
Delta R.T.: 0.008 min  
Response: 2053709  
Conc: 17.03 ug/ml



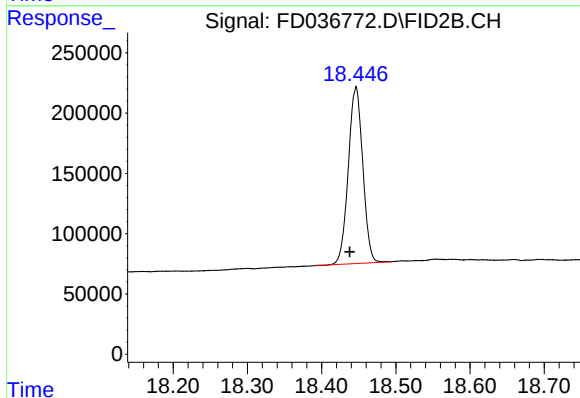
#17 n-Tricontane (C30)

R.T.: 17.620 min  
Delta R.T.: 0.009 min  
Response: 2008347  
Conc: 17.48 ug/ml

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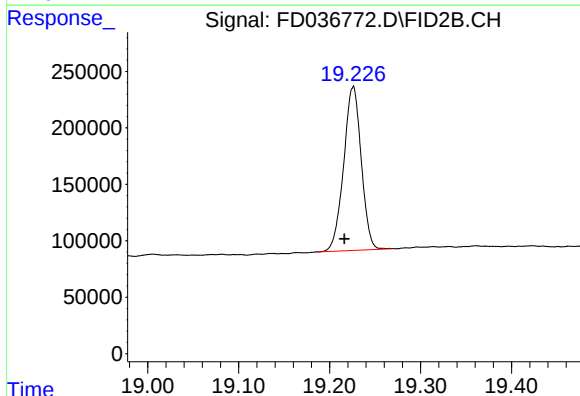
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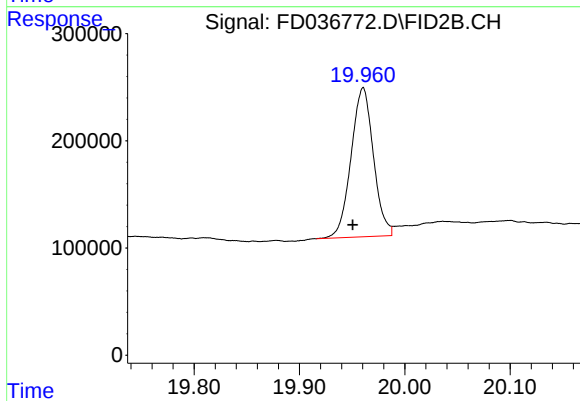
#18 n-Dotriacontane (C32)

R.T.: 18.446 min  
Delta R.T.: 0.009 min  
Response: 1984051  
Conc: 18.04 ug/ml



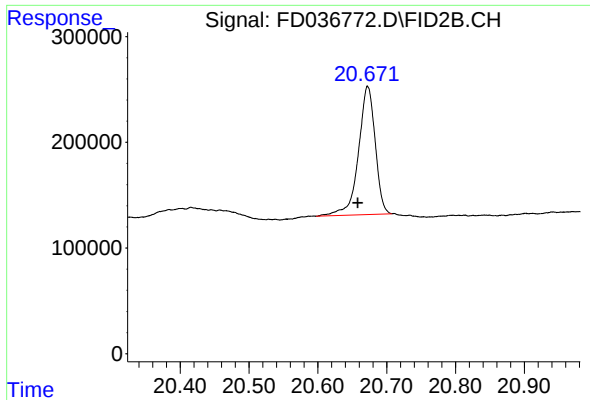
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min  
Delta R.T.: 0.010 min  
Response: 1950675  
Conc: 18.99 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.960 min  
Delta R.T.: 0.010 min  
Response: 2055039  
Conc: 21.03 ug/ml m



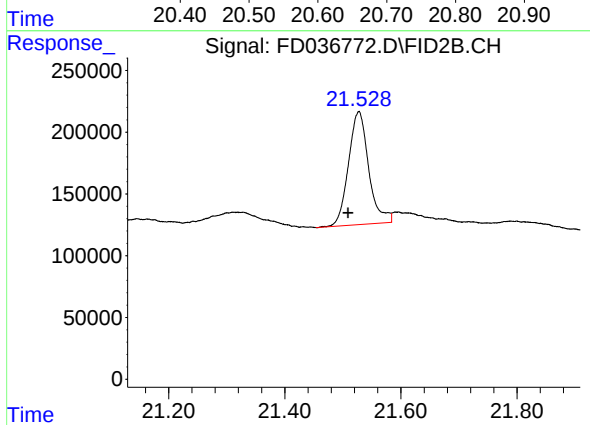
#21 n-Octatriacontane (C38)

R.T.: 20.671 min  
Delta R.T.: 0.013 min  
Response: 2045857  
Conc: 22.13 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.527 min  
Delta R.T.: 0.018 min  
Response: 2211639  
Conc: 21.93 ug/ml