

Data Path : P:\HPCHEM1\FID\_C\Data\FC052418AL\  
 Data File : FC034298.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 May 2018 2:19  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: May 25 07:24:21 2018  
 Quant Method : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EP  
 Quant Title : GC Extractables  
 QLast Update : Fri May 25 02:29:20 2018  
 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)    | 11.484 | 2870547    | 19.051 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.10%       |
| 12) S 1-chlorooctadecane (S... | 12.925 | 2256616    | 19.034 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.07%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.256  | 2466972    | 20.478 ug/ml |
| 2) T n-Decane (C10)            | 4.327  | 2543157    | 20.538 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.908  | 2973956    | 20.004 ug/ml |
| 4) T n-Dodecane (C12)          | 6.347  | 2702566    | 20.435 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.962  | 3036138    | 19.851 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.137  | 2822163    | 20.129 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.735  | 2836957    | 19.735 ug/ml |
| 8) T n-Octadecane (C18)        | 11.174 | 2743801    | 19.417 ug/ml |
| 10) T n-Eicosane (C20)         | 12.483 | 2733652    | 19.147 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.094 | 2682126    | 19.077 ug/ml |
| 13) T n-Docosane (C22)         | 13.680 | 2656578    | 19.025 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.783 | 2566660    | 19.110 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.805 | 2475806    | 19.114 ug/ml |
| 16) T n-Octacosane (C28)       | 16.753 | 2470425    | 19.376 ug/ml |
| 17) T n-Tricontane (C30)       | 17.641 | 2359374    | 19.294 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.472 | 2306498    | 19.205 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.257 | 2246568    | 19.507 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.998 | 2238316    | 19.444 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.724 | 2234446    | 20.091 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.606 | 2196338    | 18.920 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 4 Sample Multiplier: 1

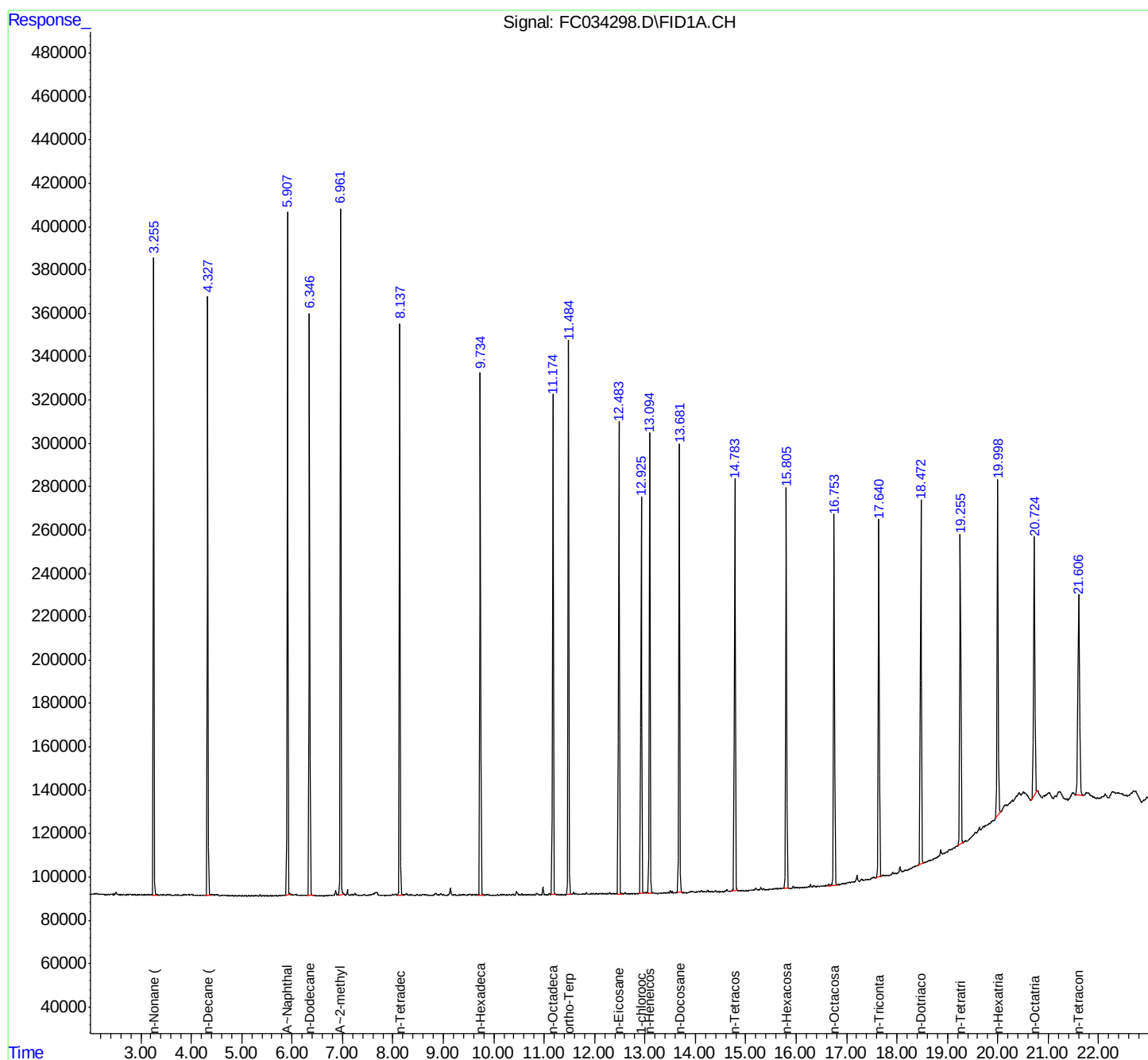
Instrument :  
FID\_C  
ClientSampleId :

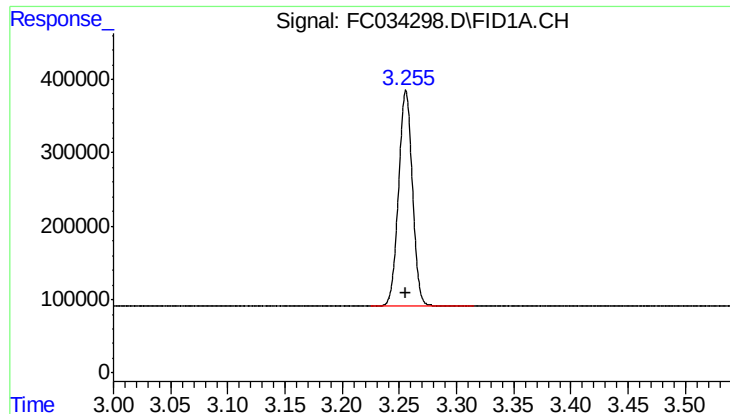
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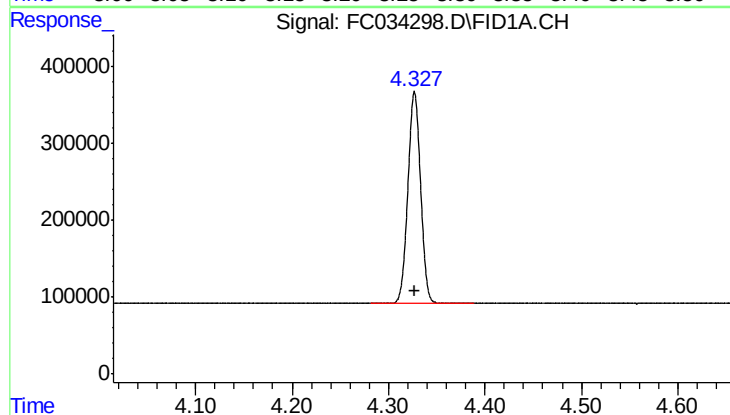
#1 n-Nonane (C9)

R.T.: 3.256 min  
Delta R.T.: 0.000 min  
Response: 2466972  
Conc: 20.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

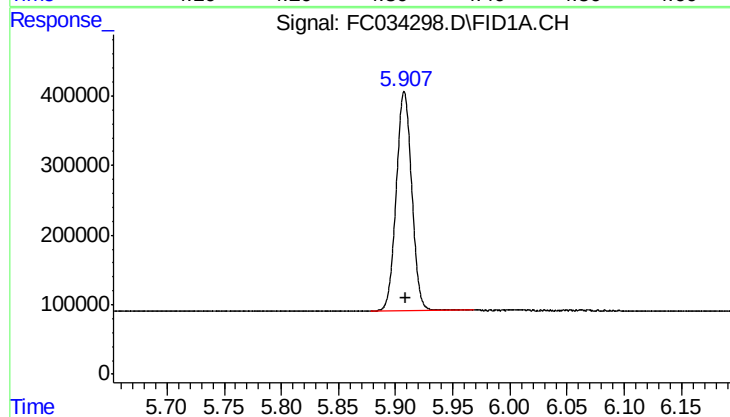
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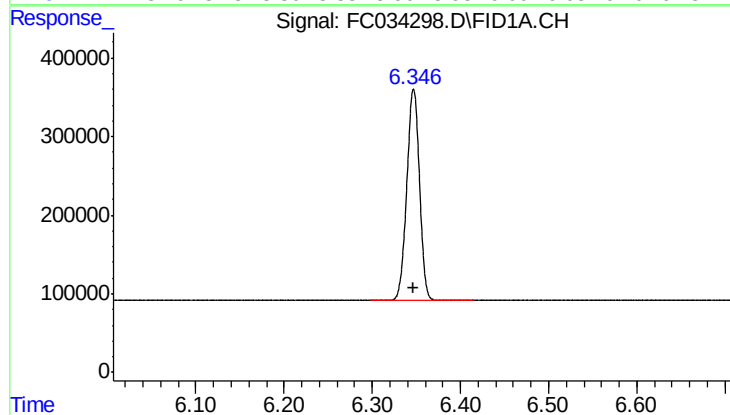
#2 n-Decane (C10)

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 2543157  
Conc: 20.54 ug/ml



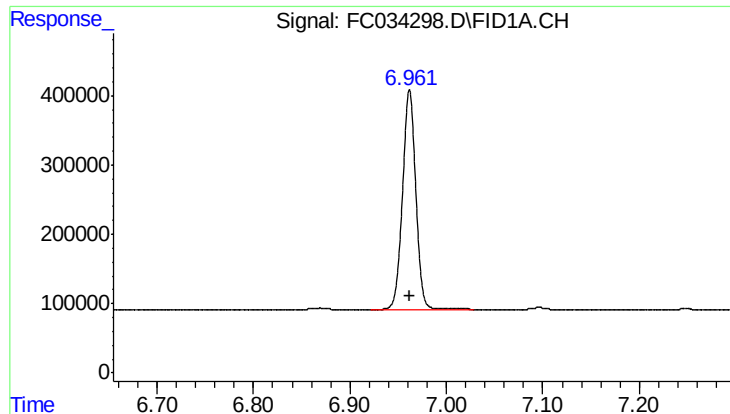
#3 A~Naphthalene (C11.7)

R.T.: 5.908 min  
Delta R.T.: -0.001 min  
Response: 2973956  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.347 min  
Delta R.T.: 0.000 min  
Response: 2702566  
Conc: 20.43 ug/ml



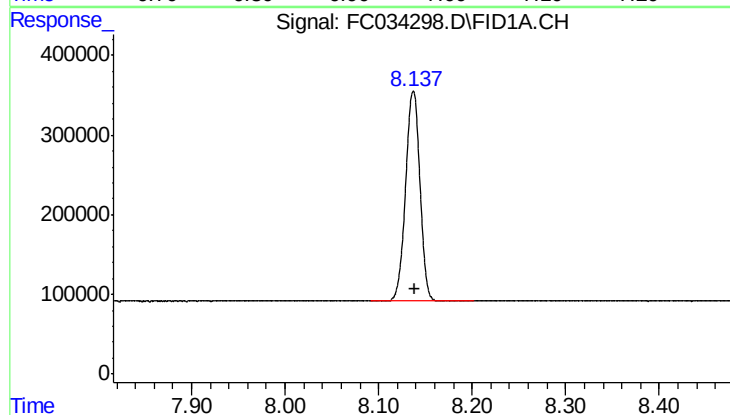
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 3036138  
Conc: 19.85 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

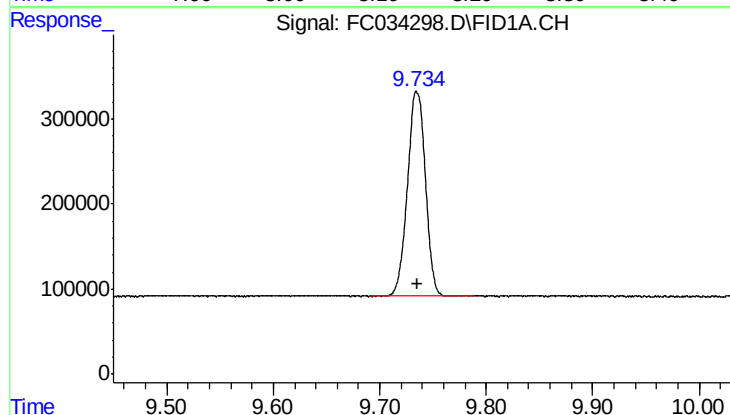
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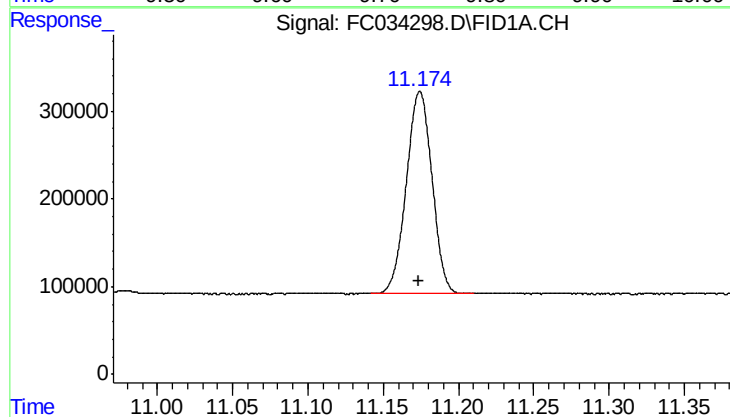
#6 n-Tetradecane (C14)

R.T.: 8.137 min  
Delta R.T.: -0.001 min  
Response: 2822163  
Conc: 20.13 ug/ml



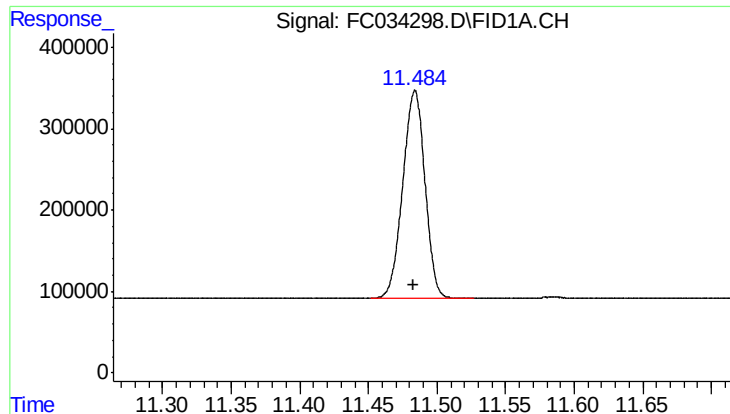
#7 n-Hexadecane (C16)

R.T.: 9.735 min  
Delta R.T.: 0.000 min  
Response: 2836957  
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.174 min  
Delta R.T.: 0.000 min  
Response: 2743801  
Conc: 19.42 ug/ml



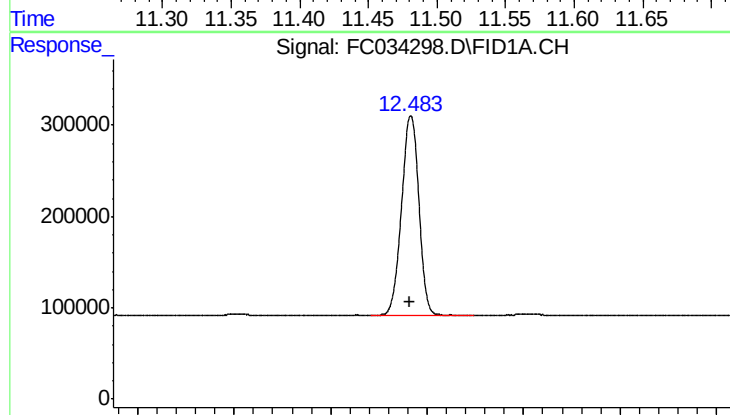
#9 ortho-Terphenyl (SURR)

R.T.: 11.484 min  
Delta R.T.: 0.000 min  
Response: 2870547  
Conc: 19.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

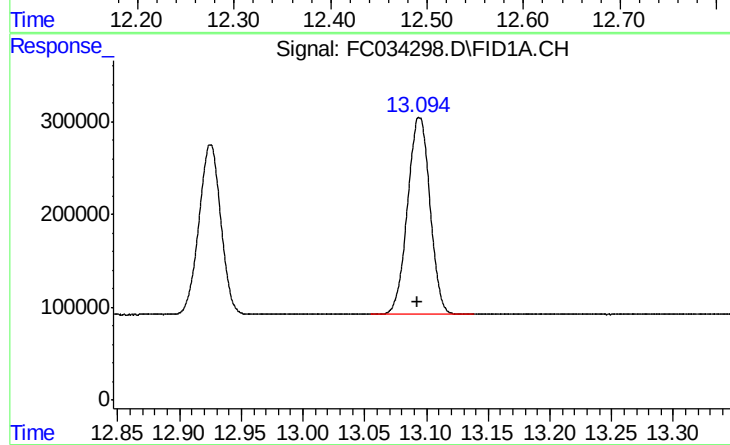
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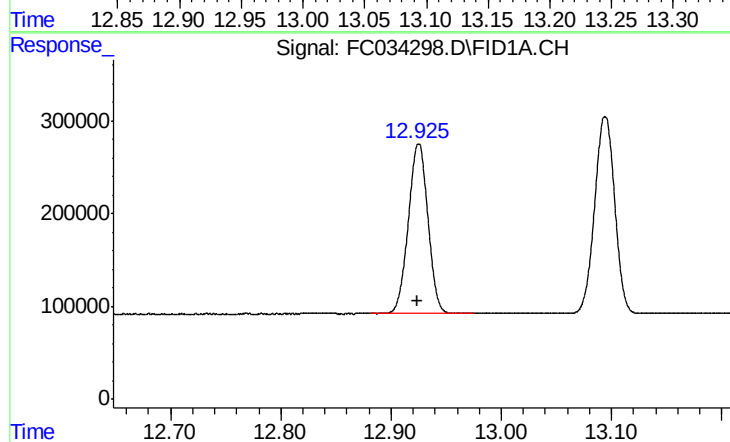
#10 n-Eicosane (C20)

R.T.: 12.483 min  
Delta R.T.: 0.001 min  
Response: 2733652  
Conc: 19.15 ug/ml



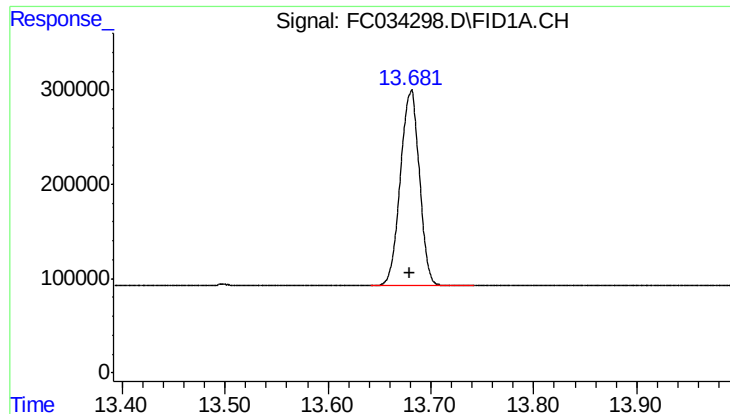
#11 n-Heneicosane (C21)

R.T.: 13.094 min  
Delta R.T.: 0.002 min  
Response: 2682126  
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min  
Delta R.T.: 0.001 min  
Response: 2256616  
Conc: 19.03 ug/ml



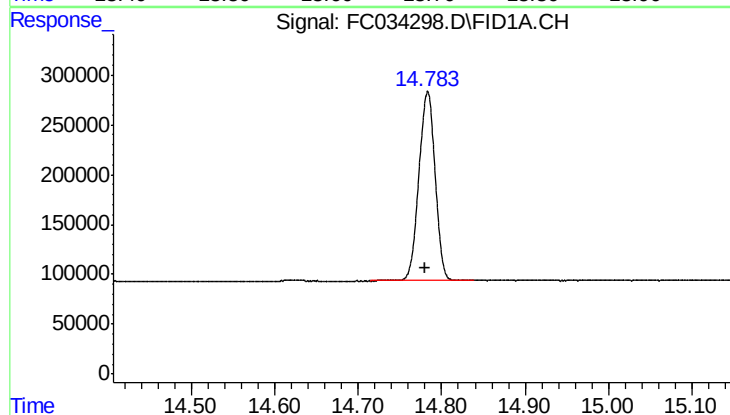
#13 n-Docosane (C22)

R.T.: 13.680 min  
Delta R.T.: 0.001 min  
Response: 2656578  
Conc: 19.02 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

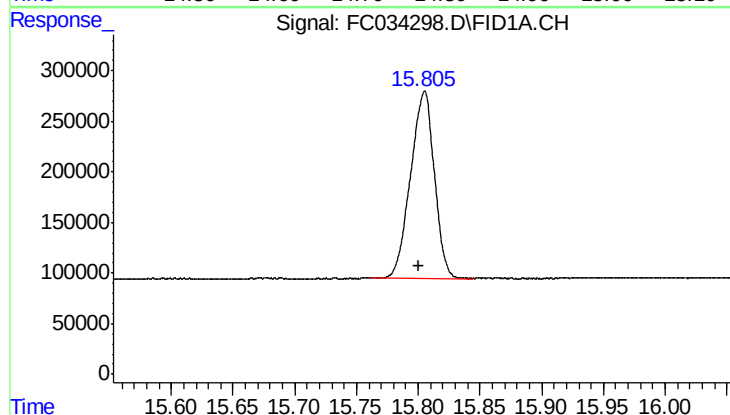
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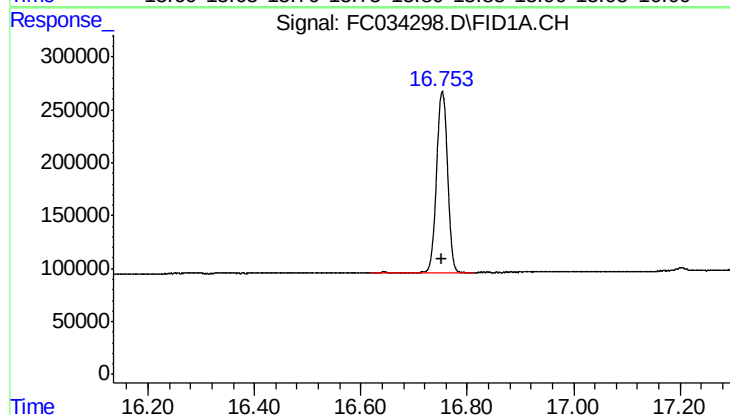
#14 n-Tetracosane (C24)

R.T.: 14.783 min  
Delta R.T.: 0.003 min  
Response: 2566660  
Conc: 19.11 ug/ml



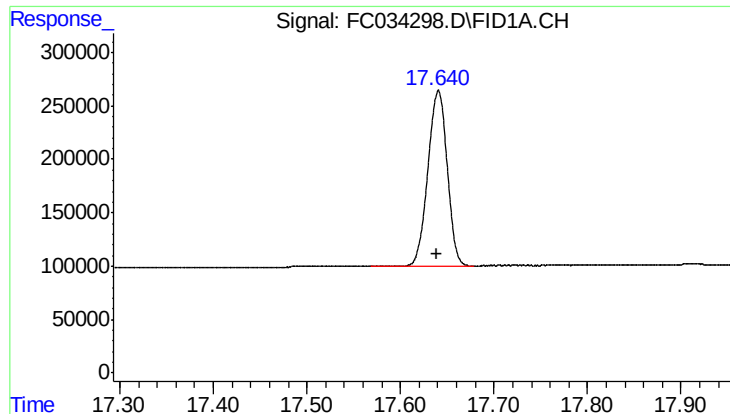
#15 n-Hexacosane (C26)

R.T.: 15.805 min  
Delta R.T.: 0.004 min  
Response: 2475806  
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.753 min  
Delta R.T.: 0.002 min  
Response: 2470425  
Conc: 19.38 ug/ml



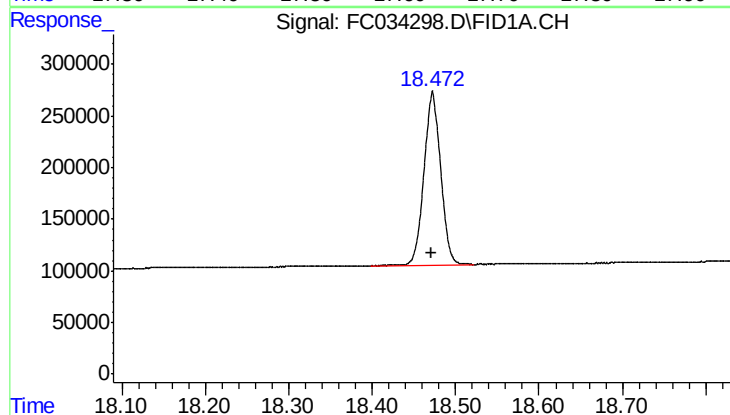
#17 n-Tricontane (C30)

R.T.: 17.641 min  
Delta R.T.: 0.001 min  
Response: 2359374  
Conc: 19.29 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

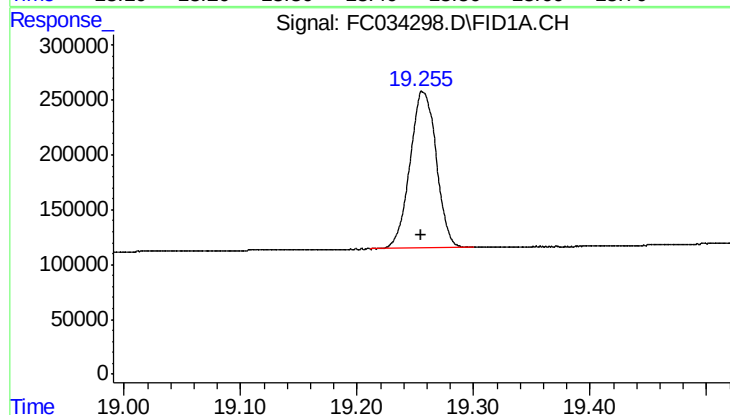
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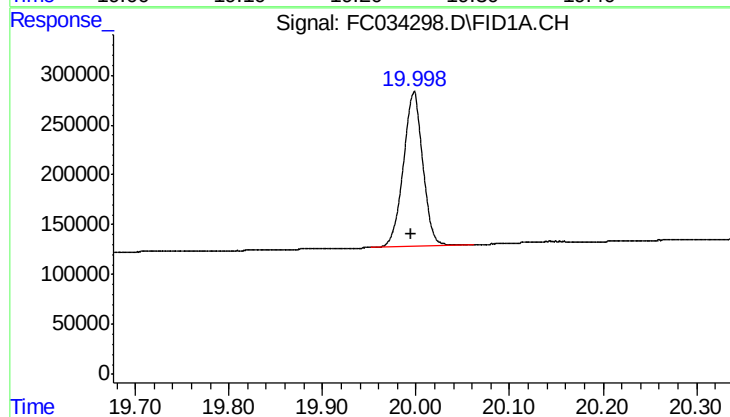
#18 n-Dotriacontane (C32)

R.T.: 18.472 min  
Delta R.T.: 0.000 min  
Response: 2306498  
Conc: 19.20 ug/ml



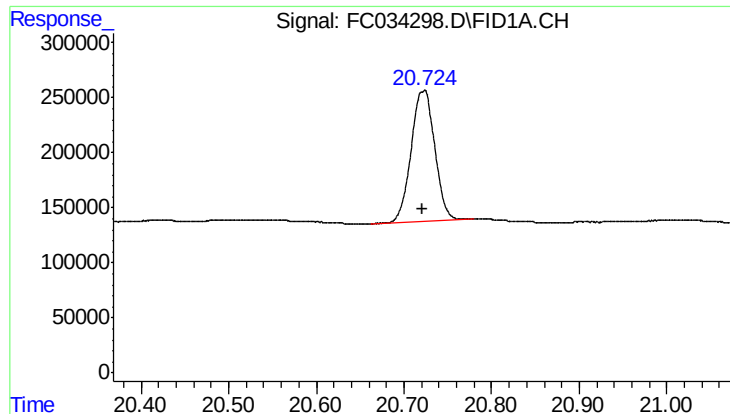
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min  
Delta R.T.: 0.002 min  
Response: 2246568  
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.998 min  
Delta R.T.: 0.002 min  
Response: 2238316  
Conc: 19.44 ug/ml



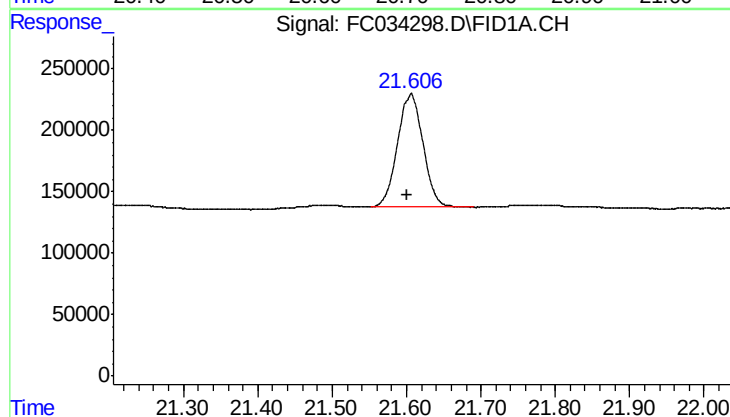
#21 n-Octatriacontane (C38)

R.T.: 20.724 min  
Delta R.T.: 0.003 min  
Response: 2234446  
Conc: 20.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.606 min  
Delta R.T.: 0.004 min  
Response: 2196338  
Conc: 18.92 ug/ml