

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121521AL\  
 Data File : FC057512.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Dec 2021 2:56  
 Operator : AJ\MA  
 Sample : M5011-20MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 HSB-9-(12.5-13)MSD

Integration File: sample.E  
 Quant Time: Dec 16 11:18:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 20:43:13 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.268 | 3491979    | 31.533 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 63.07%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.693  | 2224787    | 18.007 ug/ml |
| 2) T n-Decane (C10)            | 3.698  | 2683729    | 21.546 ug/ml |
| 4) T n-Dodecane (C12)          | 5.687  | 3280085    | 26.561 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.477  | 4714871    | 38.076 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.077  | 6104993    | 48.689 ug/ml |
| 8) T n-Octadecane (C18)        | 10.518 | 6772142    | 52.319 ug/ml |
| 10) T n-Eicosane (C20)         | 11.826 | 6752845    | 51.980 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.438 | 6689916    | 50.974 ug/ml |
| 13) T n-Docosane (C22)         | 13.024 | 6622129    | 50.382 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.124 | 6493897    | 48.825 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.147 | 6253450    | 47.690 ug/ml |
| 16) T n-Octacosane (C28)       | 16.094 | 6031435    | 45.865 ug/ml |
| 17) T n-Tricontane (C30)       | 16.981 | 5847018    | 42.783 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.814 | 5634023    | 42.020 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.597 | 5353168    | 41.053 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.337 | 4858252    | 40.915 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.064 | 4414989    | 40.198 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.948 | 4570189    | 45.774 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

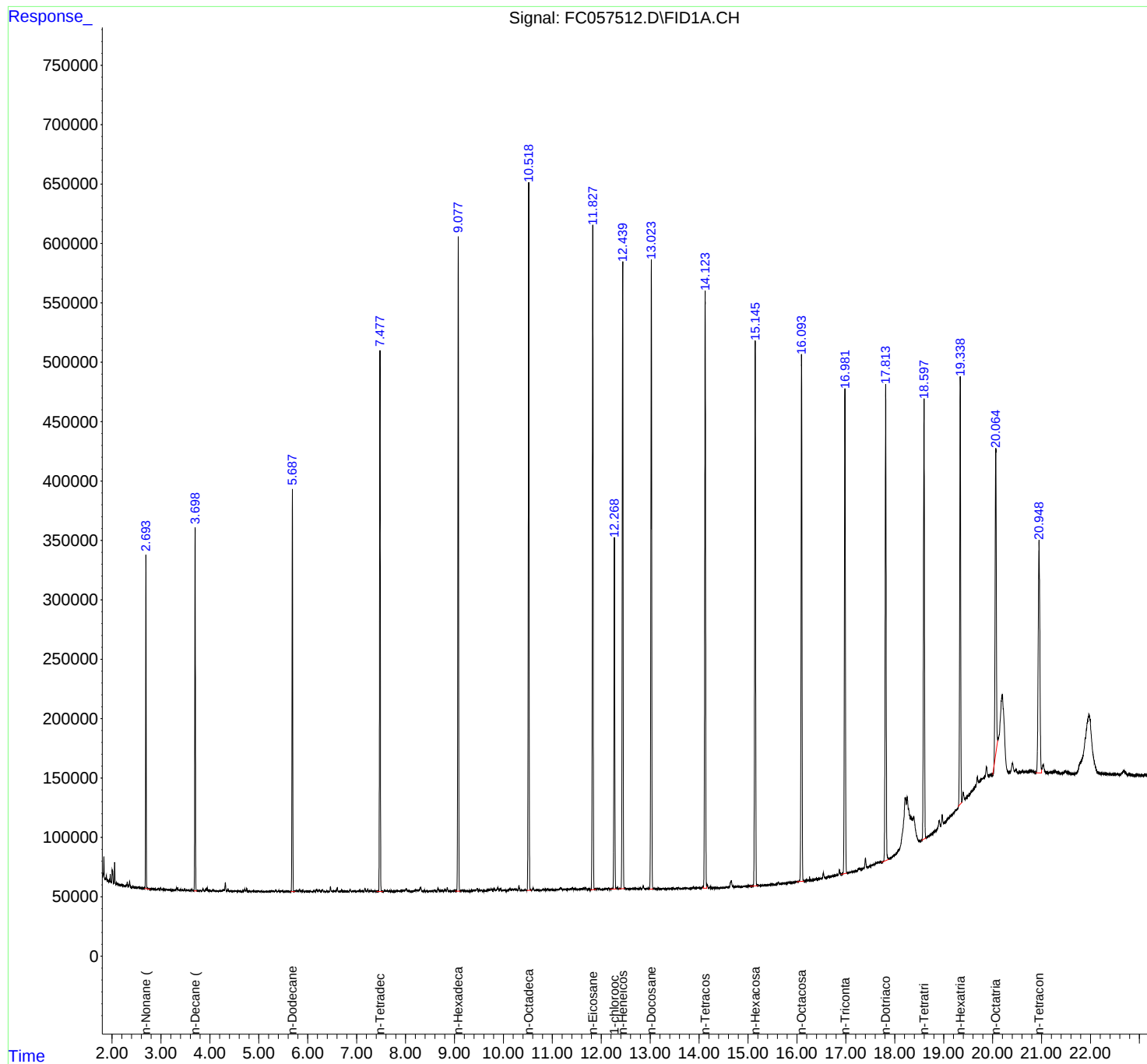
(m)=manual int.

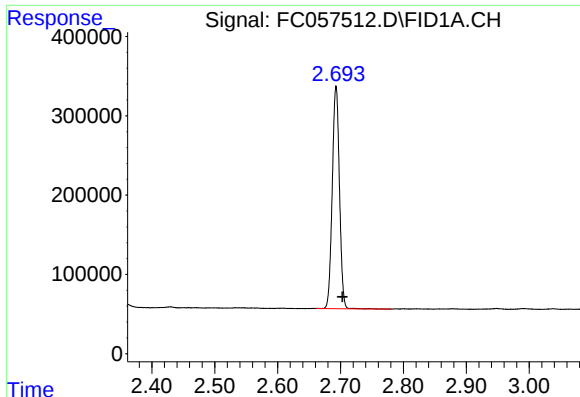
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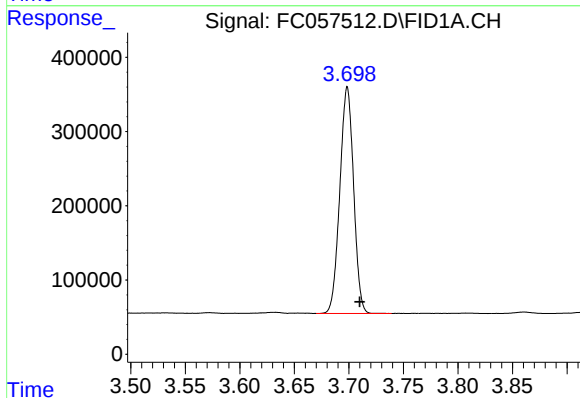




#1 n-Nonane (C9)

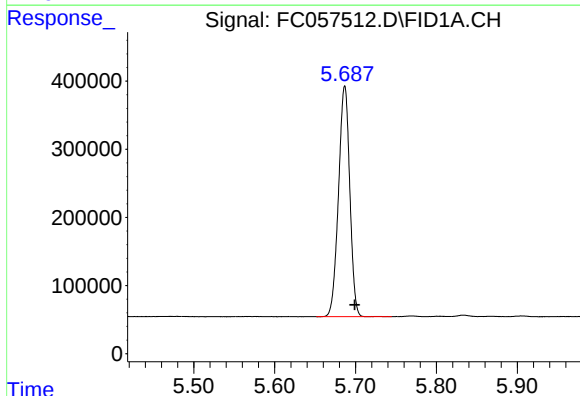
R.T.: 2.693 min  
Delta R.T.: -0.010 min  
Response: 2224787  
Conc: 18.01 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
HSB-9-(12.5-13)MSD



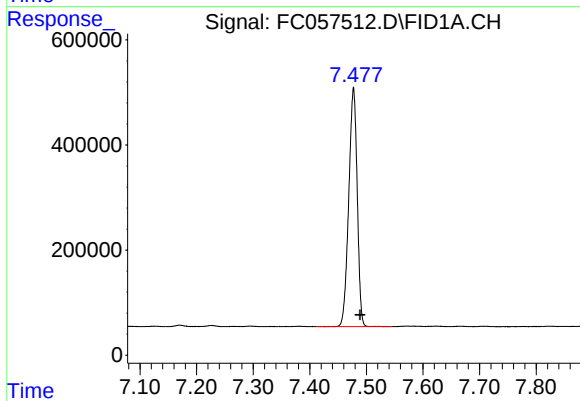
#2 n-Decane (C10)

R.T.: 3.698 min  
Delta R.T.: -0.012 min  
Response: 2683729  
Conc: 21.55 ug/ml



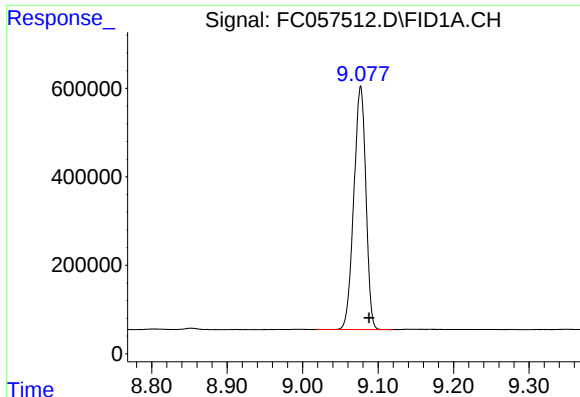
#4 n-Dodecane (C12)

R.T.: 5.687 min  
Delta R.T.: -0.012 min  
Response: 3280085  
Conc: 26.56 ug/ml



#6 n-Tetradecane (C14)

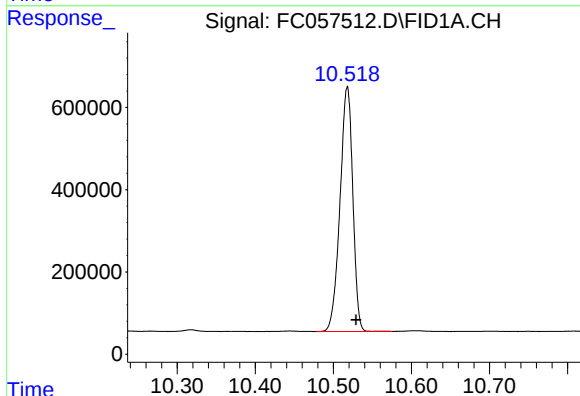
R.T.: 7.477 min  
Delta R.T.: -0.012 min  
Response: 4714871  
Conc: 38.08 ug/ml



#7 n-Hexadecane (C16)

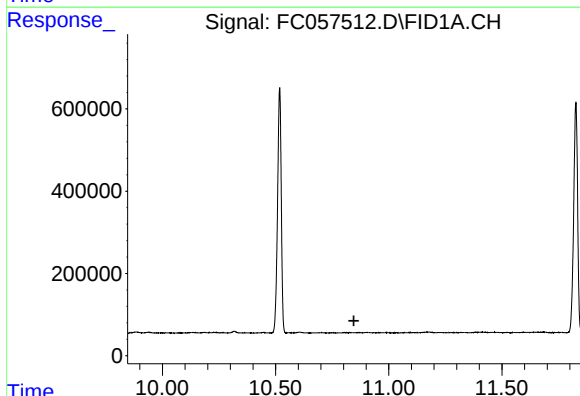
R.T.: 9.077 min  
Delta R.T.: -0.011 min  
Response: 6104993  
Conc: 48.69 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
HSB-9-(12.5-13)MSD



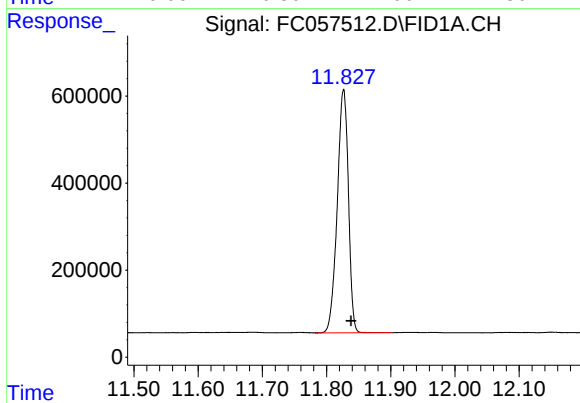
#8 n-Octadecane (C18)

R.T.: 10.518 min  
Delta R.T.: -0.011 min  
Response: 6772142  
Conc: 52.32 ug/ml



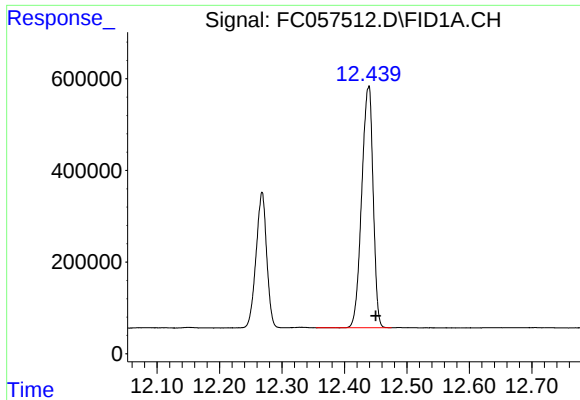
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min  
Exp R.T. : 10.846 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

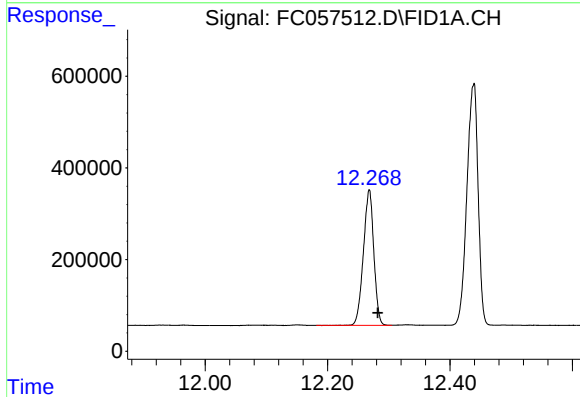
R.T.: 11.826 min  
Delta R.T.: -0.012 min  
Response: 6752845  
Conc: 51.98 ug/ml



#11 n-Heneicosane (C21)

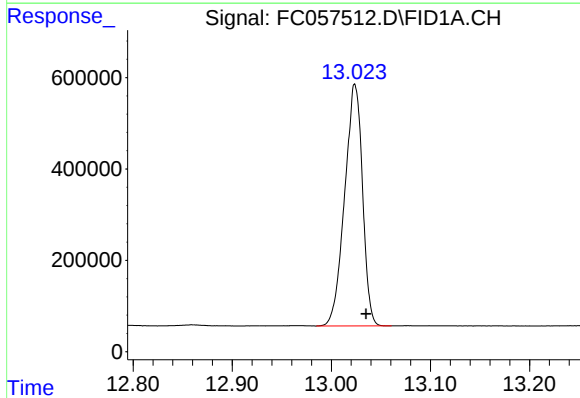
R.T.: 12.438 min  
Delta R.T.: -0.012 min  
Response: 6689916  
Conc: 50.97 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
HSB-9-(12.5-13)MSD



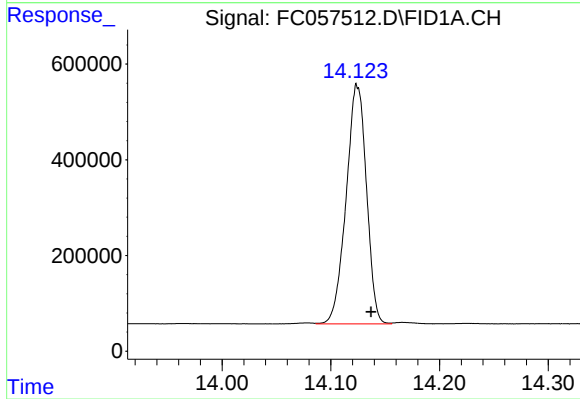
#12 1-chlorooctadecane (SURR)

R.T.: 12.268 min  
Delta R.T.: -0.014 min  
Response: 3491979  
Conc: 31.53 ug/ml



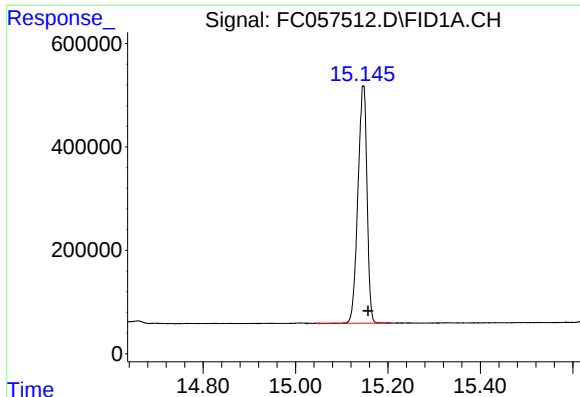
#13 n-Docosane (C22)

R.T.: 13.024 min  
Delta R.T.: -0.011 min  
Response: 6622129  
Conc: 50.38 ug/ml



#14 n-Tetracosane (C24)

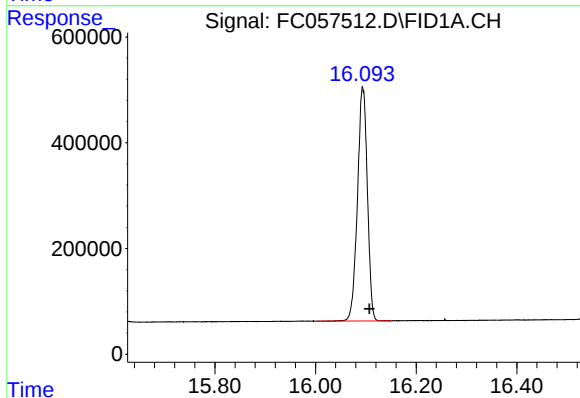
R.T.: 14.124 min  
Delta R.T.: -0.013 min  
Response: 6493897  
Conc: 48.83 ug/ml



#15 n-Hexacosane (C26)

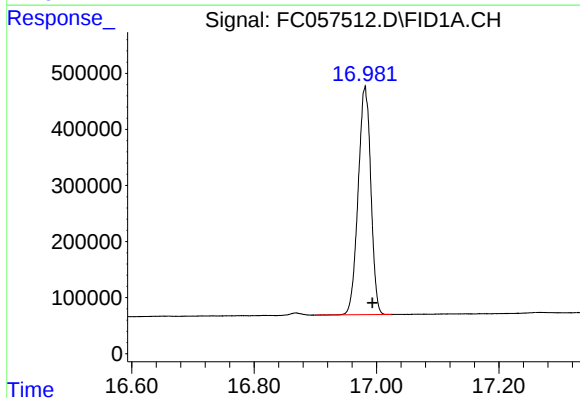
R.T.: 15.147 min  
Delta R.T.: -0.010 min  
Response: 6253450  
Conc: 47.69 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
HSB-9-(12.5-13)MSD



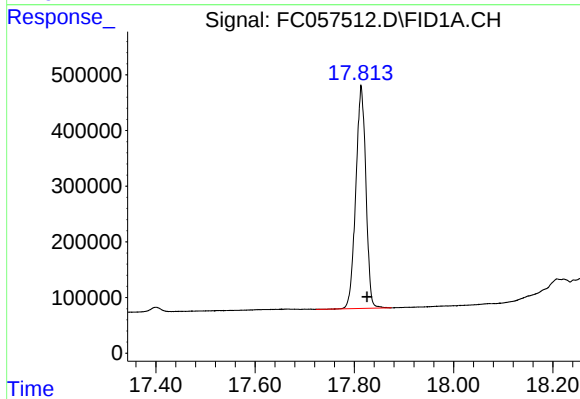
#16 n-Octacosane (C28)

R.T.: 16.094 min  
Delta R.T.: -0.013 min  
Response: 6031435  
Conc: 45.87 ug/ml



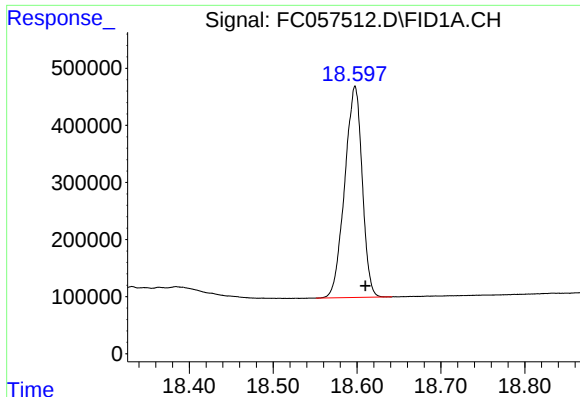
#17 n-Tricontane (C30)

R.T.: 16.981 min  
Delta R.T.: -0.012 min  
Response: 5847018  
Conc: 42.78 ug/ml



#18 n-Dotriacontane (C32)

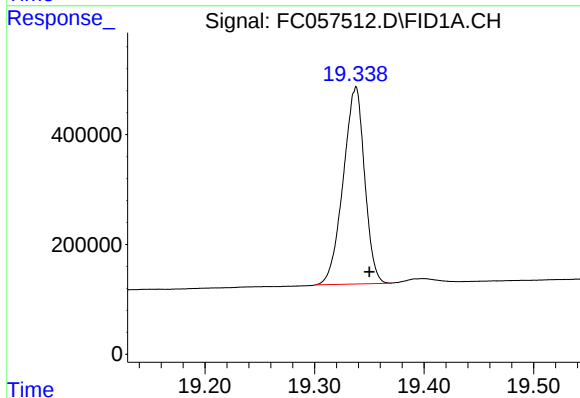
R.T.: 17.814 min  
Delta R.T.: -0.012 min  
Response: 5634023  
Conc: 42.02 ug/ml



#19 n-Tetratriacontane (C34)

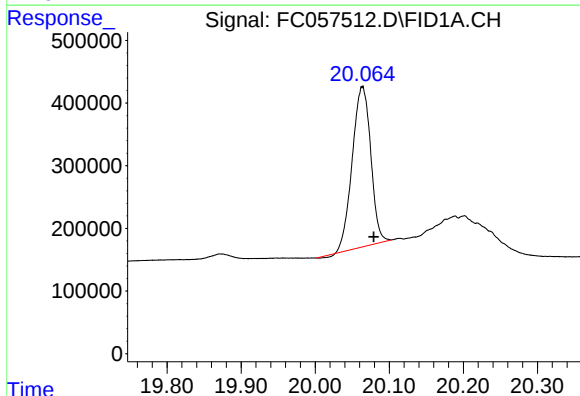
R.T.: 18.597 min  
Delta R.T.: -0.013 min  
Response: 5353168  
Conc: 41.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
HSB-9-(12.5-13)MSD



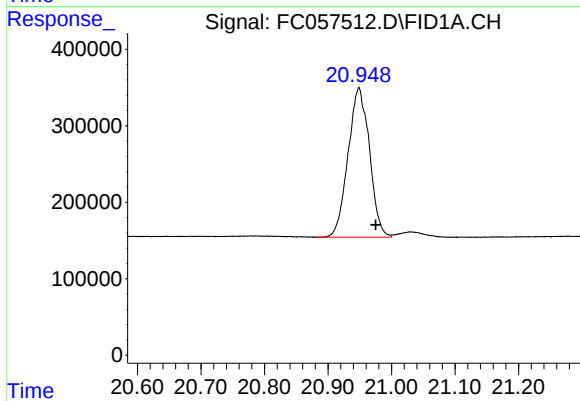
#20 n-Hexatriacontane (C36)

R.T.: 19.337 min  
Delta R.T.: -0.013 min  
Response: 4858252  
Conc: 40.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.064 min  
Delta R.T.: -0.015 min  
Response: 4414989  
Conc: 40.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.948 min  
Delta R.T.: -0.027 min  
Response: 4570189  
Conc: 45.77 ug/ml