

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030722AL\  
 Data File : FC058592.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Mar 2022 12:07  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 08 02:22:27 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 23 17:15:11 2022  
 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)    | 11.406 | 2726447    | 18.719 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.44%       |
| 12) S 1-chlorooctadecane (S... | 12.841 | 2105065    | 18.571 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.14%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.255  | 2426156    | 20.175 ug/ml |
| 2) T n-Decane (C10)            | 4.306  | 2422218    | 20.355 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.869  | 2623774    | 20.217 ug/ml |
| 4) T n-Dodecane (C12)          | 6.302  | 2498382    | 20.309 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.915  | 2663857    | 20.433 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.081  | 2525489    | 20.154 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.668  | 2525558    | 19.611 ug/ml |
| 8) T n-Octadecane (C18)        | 11.100 | 2525226    | 19.190 ug/ml |
| 10) T n-Eicosane (C20)         | 12.400 | 2461117    | 18.716 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.009 | 2451257    | 18.548 ug/ml |
| 13) T n-Docosane (C22)         | 13.592 | 2428299    | 18.626 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.688 | 2347690    | 18.180 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.704 | 2263141    | 18.295 ug/ml |
| 16) T n-Octacosane (C28)       | 16.649 | 2217782    | 18.632 ug/ml |
| 17) T n-Tricontane (C30)       | 17.533 | 2149274    | 19.094 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.361 | 2033817    | 18.914 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.141 | 1964642    | 20.277 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.879 | 1931442    | 21.409 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.585 | 1912295    | 21.975 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.415 | 1812253    | 21.596 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

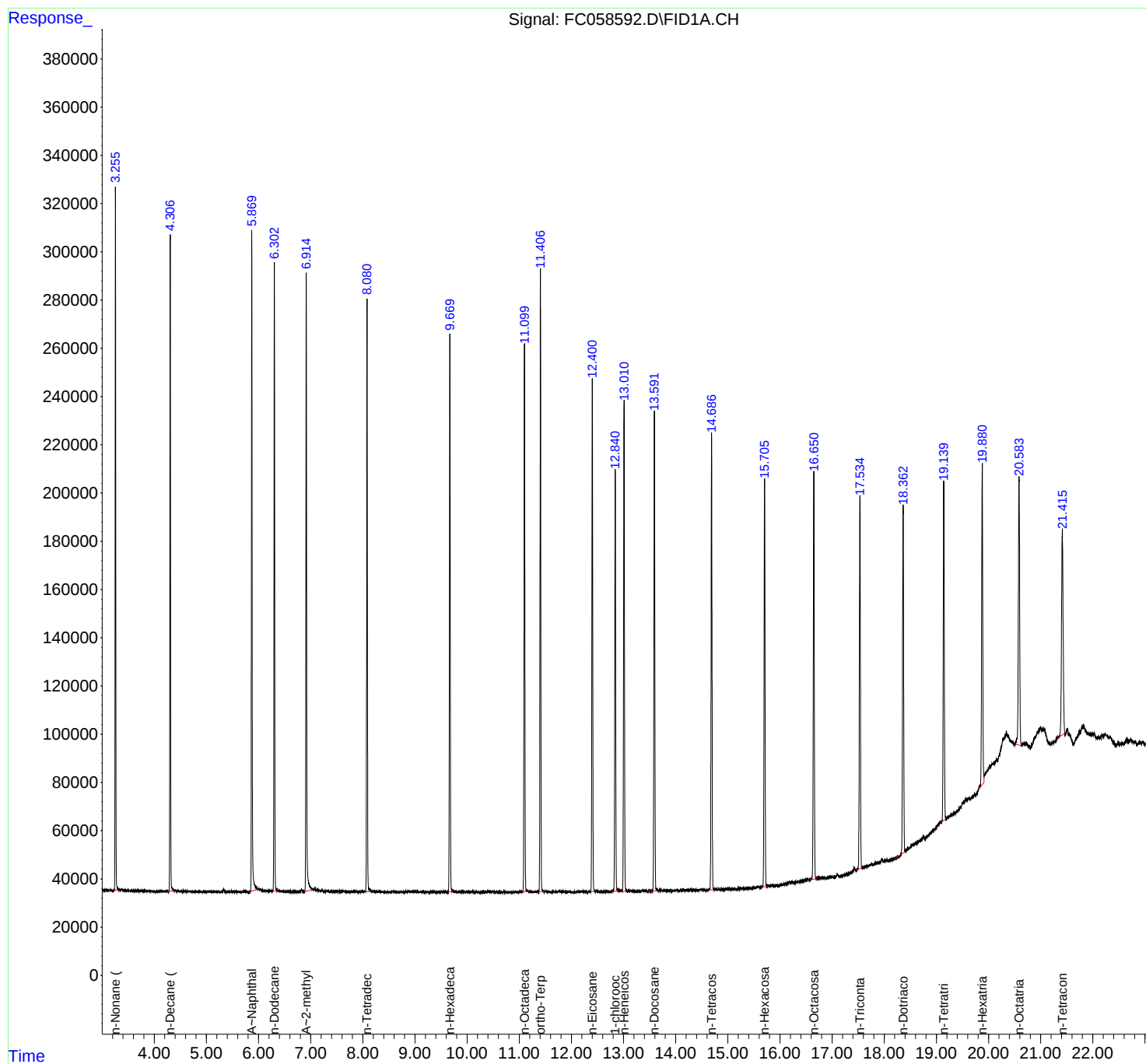
(m)=manual int.

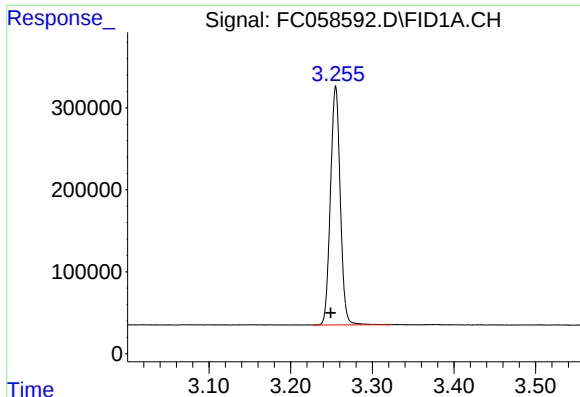
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030722AL\  
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Signal(s) : FID1A.CH  
Acq On : 07 Mar 2022 12:07  
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Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Volume Inj. : 1 ul  
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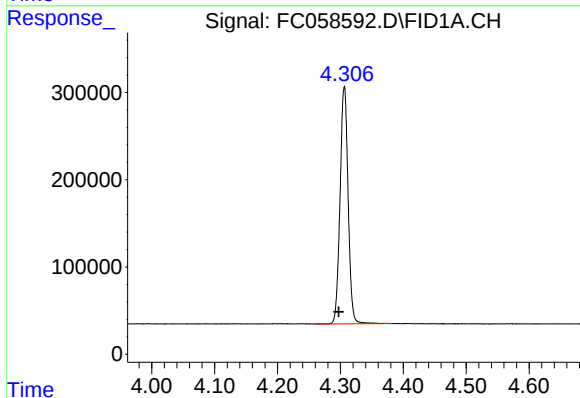




#1 n-Nonane (C9)

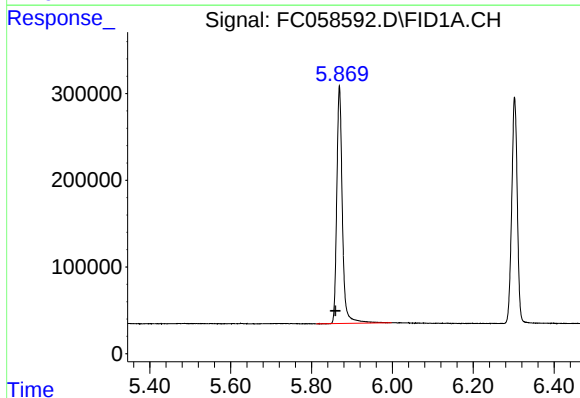
R.T.: 3.255 min  
Delta R.T.: 0.006 min  
Response: 2426156  
Conc: 20.18 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



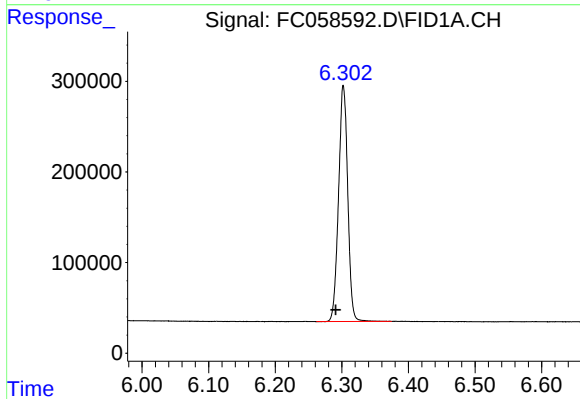
#2 n-Decane (C10)

R.T.: 4.306 min  
Delta R.T.: 0.009 min  
Response: 2422218  
Conc: 20.35 ug/ml



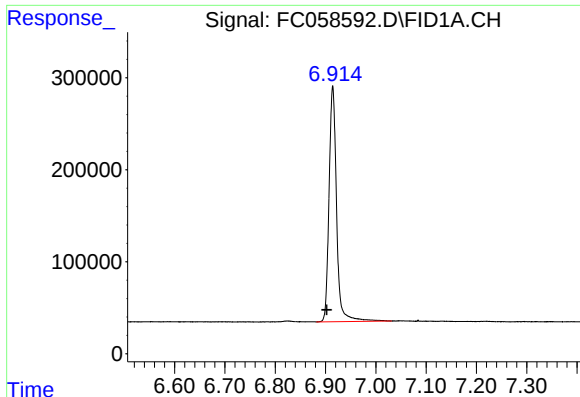
#3 A~Naphthalene (C11.7)

R.T.: 5.869 min  
Delta R.T.: 0.010 min  
Response: 2623774  
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

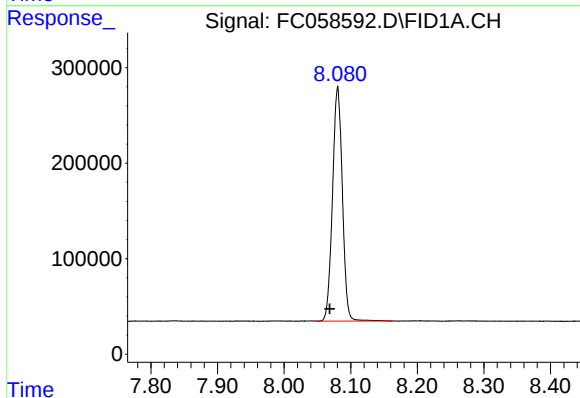
R.T.: 6.302 min  
Delta R.T.: 0.011 min  
Response: 2498382  
Conc: 20.31 ug/ml



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

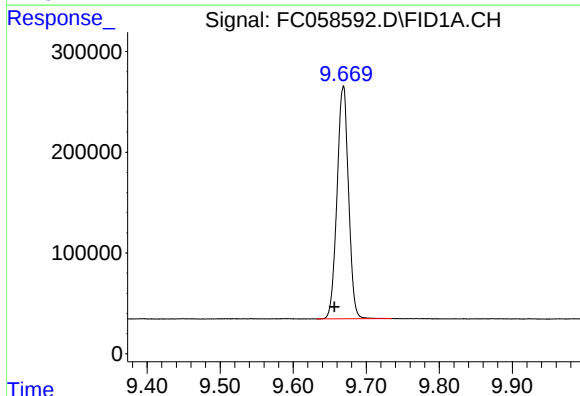
R.T.: 6.915 min  
Delta R.T.: 0.012 min  
Response: 2663857  
Conc: 20.43 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



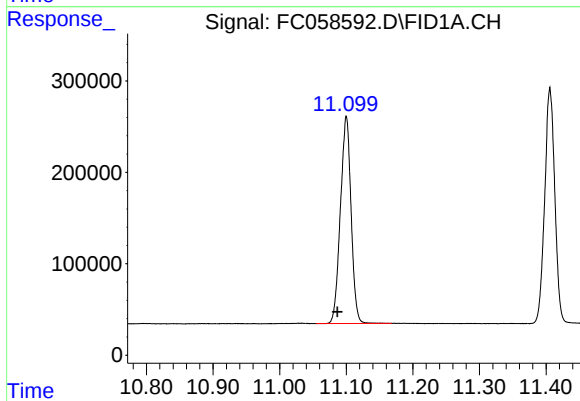
#6 n-Tetradecane (C14)

R.T.: 8.081 min  
Delta R.T.: 0.012 min  
Response: 2525489  
Conc: 20.15 ug/ml



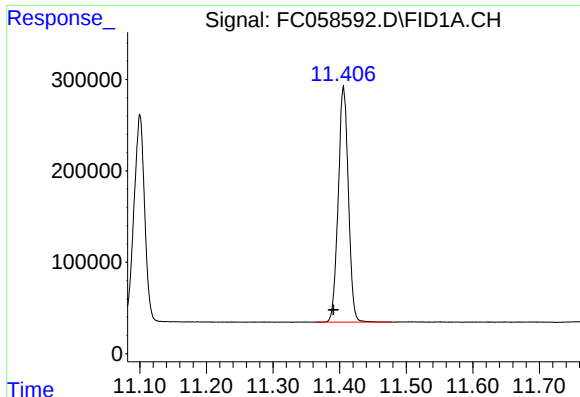
#7 n-Hexadecane (C16)

R.T.: 9.668 min  
Delta R.T.: 0.012 min  
Response: 2525558  
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

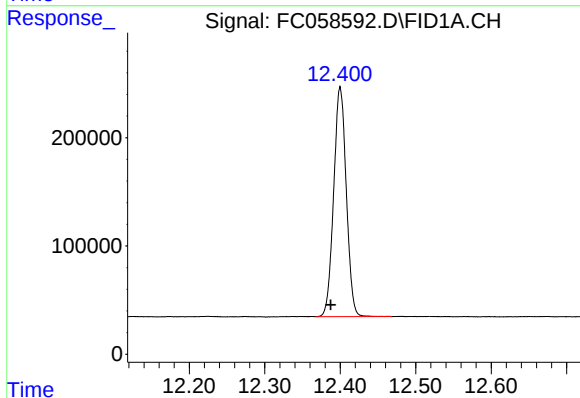
R.T.: 11.100 min  
Delta R.T.: 0.013 min  
Response: 2525226  
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

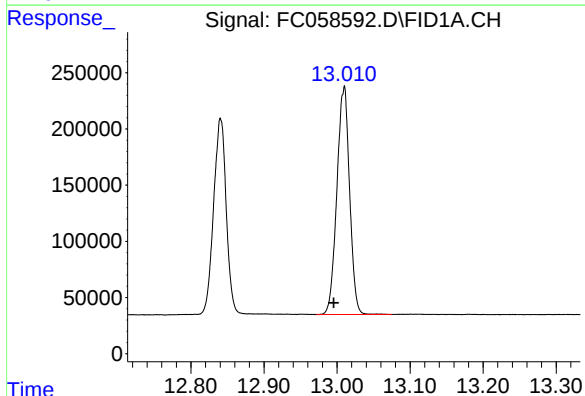
R.T.: 11.406 min  
Delta R.T.: 0.015 min  
Response: 2726447  
Conc: 18.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



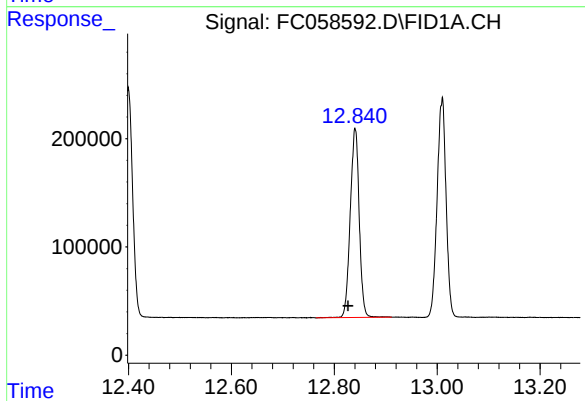
#10 n-Eicosane (C20)

R.T.: 12.400 min  
Delta R.T.: 0.013 min  
Response: 2461117  
Conc: 18.72 ug/ml



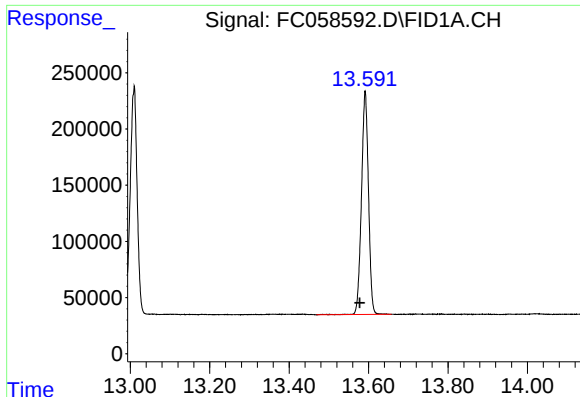
#11 n-Heneicosane (C21)

R.T.: 13.009 min  
Delta R.T.: 0.014 min  
Response: 2451257  
Conc: 18.55 ug/ml



#12 1-chlorooctadecane (SURR)

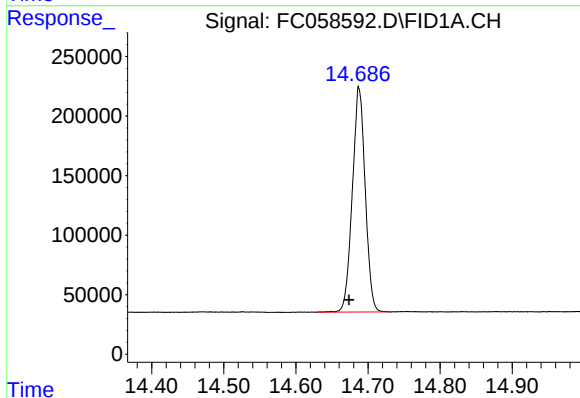
R.T.: 12.841 min  
Delta R.T.: 0.014 min  
Response: 2105065  
Conc: 18.57 ug/ml



#13 n-Docosane (C22)

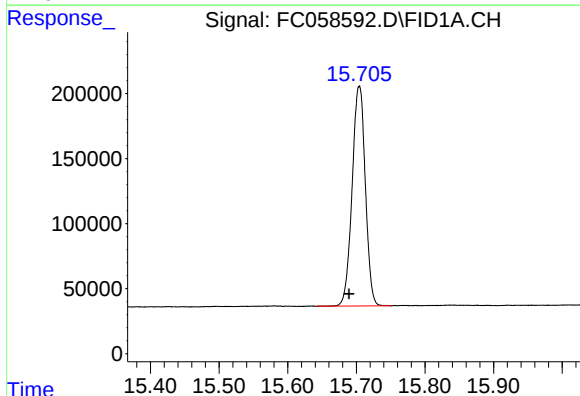
R.T.: 13.592 min  
Delta R.T.: 0.014 min  
Response: 2428299  
Conc: 18.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



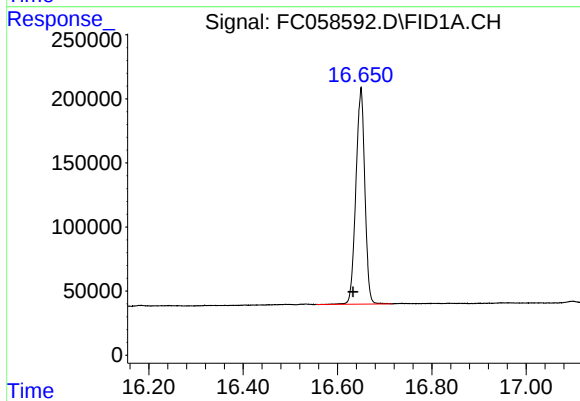
#14 n-Tetracosane (C24)

R.T.: 14.688 min  
Delta R.T.: 0.014 min  
Response: 2347690  
Conc: 18.18 ug/ml



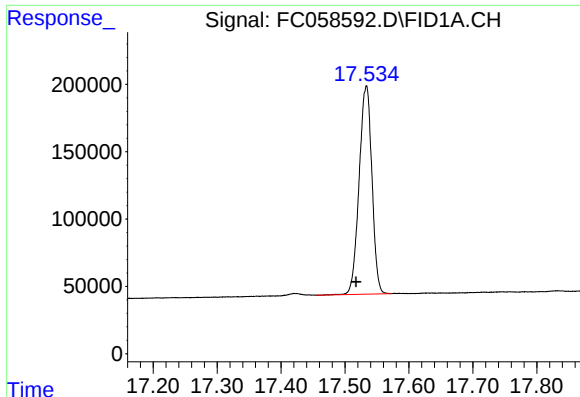
#15 n-Hexacosane (C26)

R.T.: 15.704 min  
Delta R.T.: 0.015 min  
Response: 2263141  
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

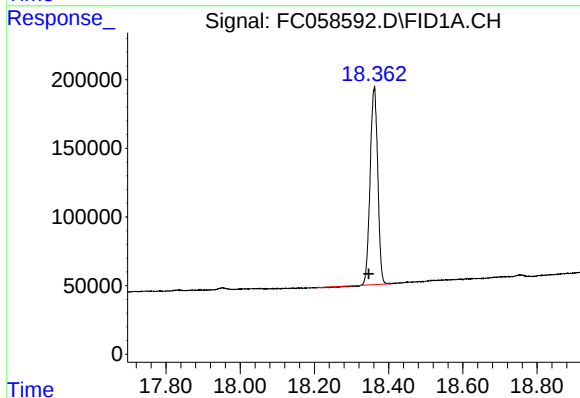
R.T.: 16.649 min  
Delta R.T.: 0.016 min  
Response: 2217782  
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

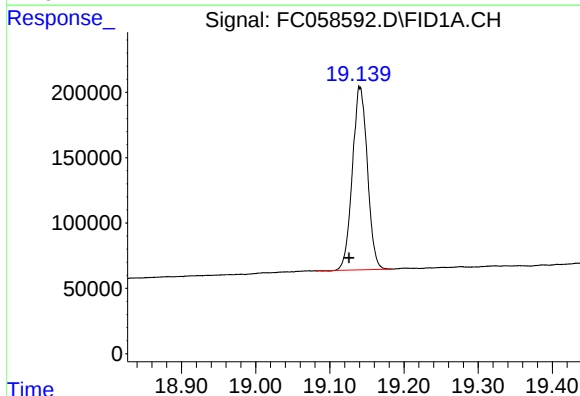
R.T.: 17.533 min  
Delta R.T.: 0.016 min  
Response: 2149274  
Conc: 19.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



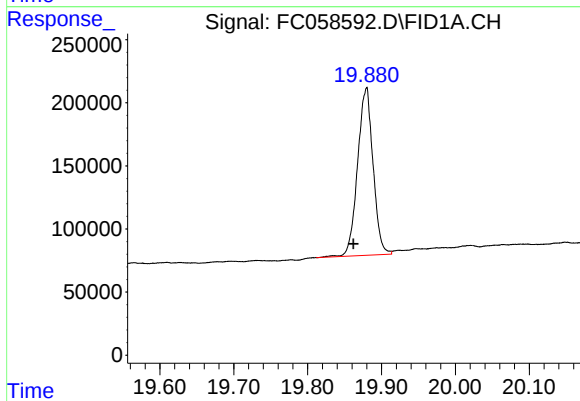
#18 n-Dotriacontane (C32)

R.T.: 18.361 min  
Delta R.T.: 0.015 min  
Response: 2033817  
Conc: 18.91 ug/ml



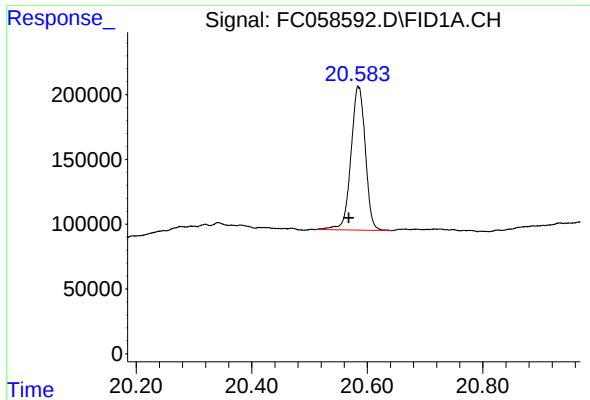
#19 n-Tetratriacontane (C34)

R.T.: 19.141 min  
Delta R.T.: 0.015 min  
Response: 1964642  
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

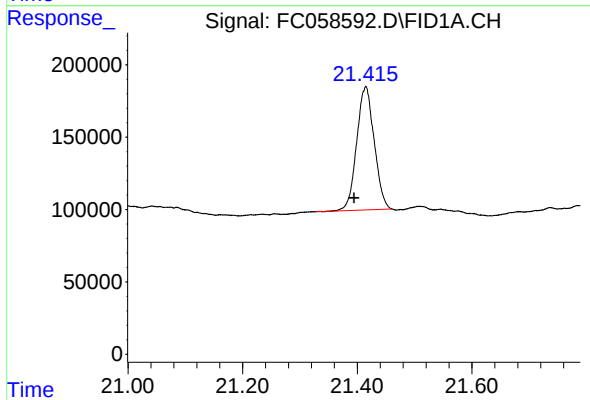
R.T.: 19.879 min  
Delta R.T.: 0.017 min  
Response: 1931442  
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.585 min  
Delta R.T.: 0.017 min  
Response: 1912295  
Conc: 21.97 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.415 min  
Delta R.T.: 0.020 min  
Response: 1812253  
Conc: 21.60 ug/ml