

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042619AL\  
 Data File : FC040901.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Apr 2019 4:23  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 27 04:55:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 042219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 22 15:26:11 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)    | 11.022 | 1997101    | 19.170 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.34%       |
| 12) S 1-chlorooctadecane (S... | 12.450 | 1604875    | 19.369 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.74%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.861  | 1835067    | 20.337 ug/ml |
| 2) T n-Decane (C10)            | 3.880  | 1872954    | 20.395 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.453  | 2096918    | 20.179 ug/ml |
| 4) T n-Dodecane (C12)          | 5.872  | 1859936    | 20.063 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.502  | 2095501    | 19.979 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.662  | 1856268    | 19.500 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.259  | 1837193    | 19.080 ug/ml |
| 8) T n-Octadecane (C18)        | 10.698 | 1827497    | 18.807 ug/ml |
| 10) T n-Eicosane (C20)         | 12.005 | 1840998    | 19.211 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.616 | 1834644    | 19.608 ug/ml |
| 13) T n-Docosane (C22)         | 13.201 | 1854071    | 20.038 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.302 | 1898220    | 20.832 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.322 | 1971563    | 21.966 ug/ml |
| 16) T n-Octacosane (C28)       | 16.270 | 2063455    | 22.020 ug/ml |
| 17) T n-Tricontane (C30)       | 17.157 | 2097012    | 19.619 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.988 | 1989138    | 20.150 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.804 | 1662012    | 21.829 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.829 | 1455681    | 21.839 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.212 | 1357520    | 21.189 ug/ml |
| 22) T n-Tetracontane (C40)     | 23.130 | 1331544    | 21.132 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

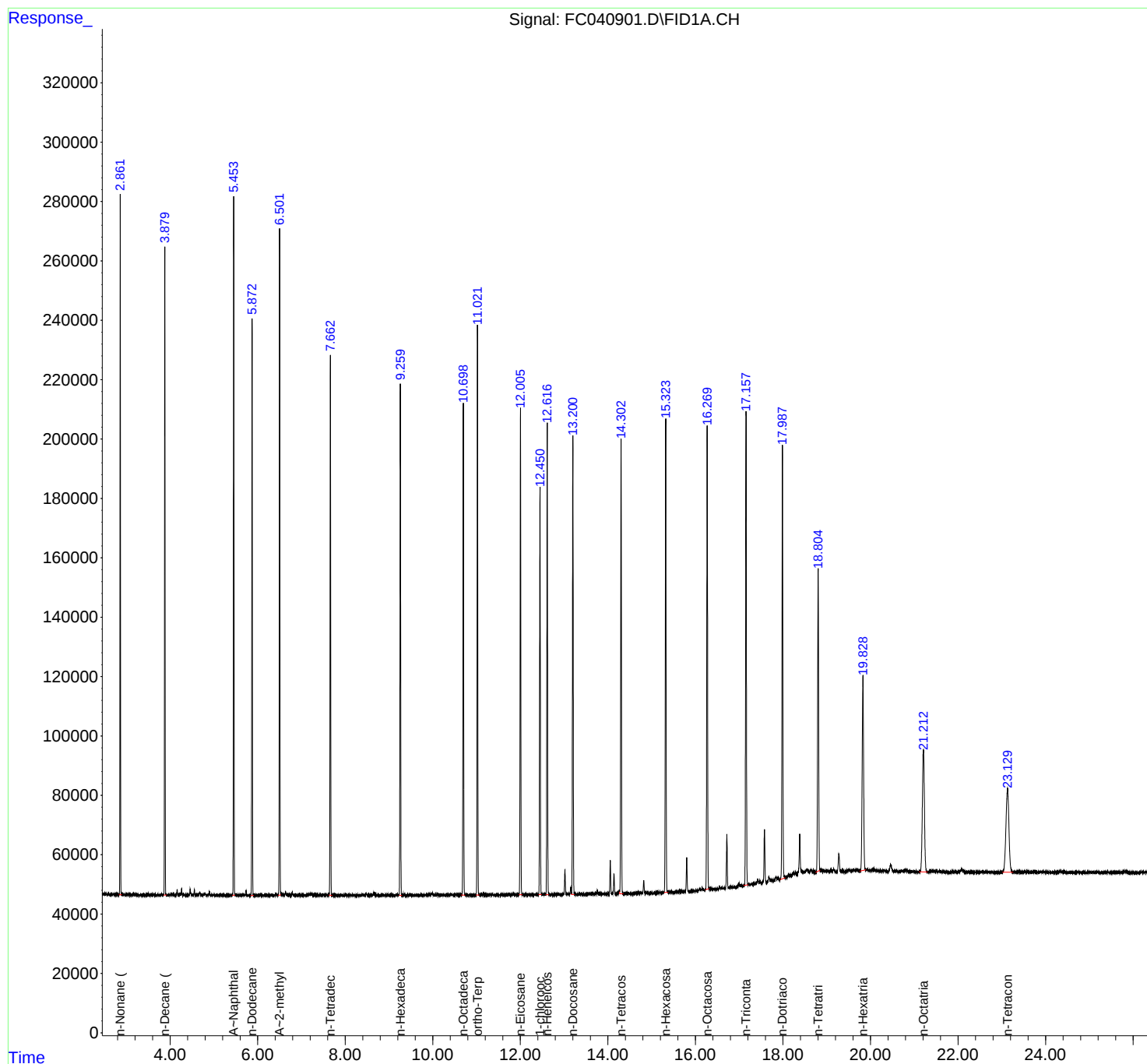
(m)=manual int.

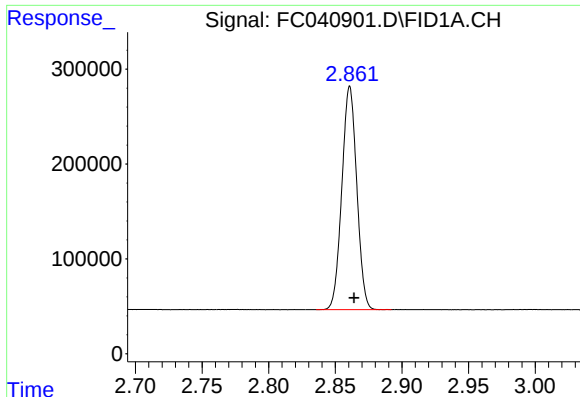
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042619AL\  
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Acq On : 27 Apr 2019 4:23  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 042219.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 22 15:26:11 2019  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

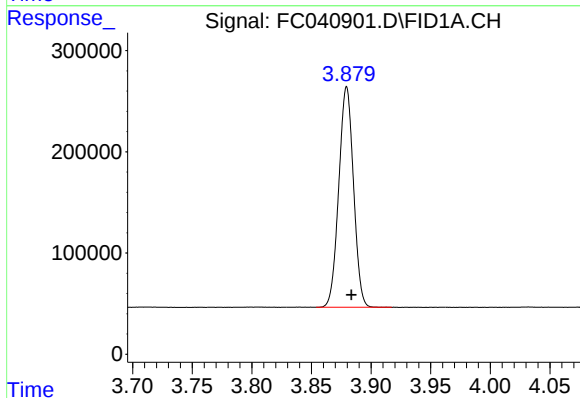




#1 n-Nonane (C9)

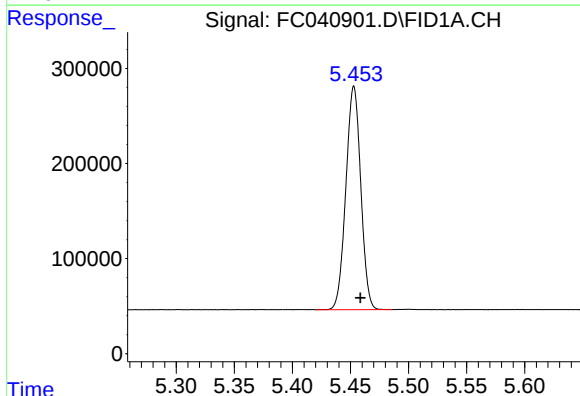
R.T.: 2.861 min  
Delta R.T.: -0.003 min  
Response: 1835067  
Conc: 20.34 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



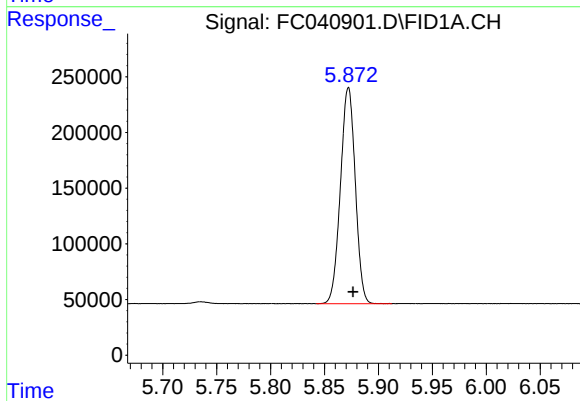
#2 n-Decane (C10)

R.T.: 3.880 min  
Delta R.T.: -0.004 min  
Response: 1872954  
Conc: 20.39 ug/ml



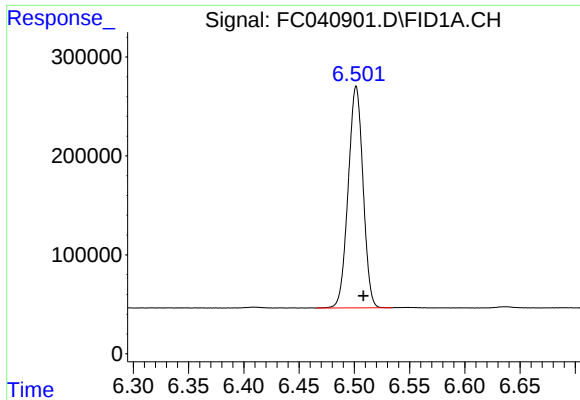
#3 A~Naphthalene (C11.7)

R.T.: 5.453 min  
Delta R.T.: -0.005 min  
Response: 2096918  
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

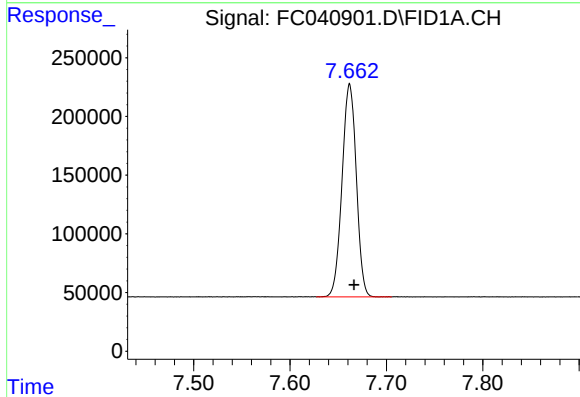
R.T.: 5.872 min  
Delta R.T.: -0.004 min  
Response: 1859936  
Conc: 20.06 ug/ml



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

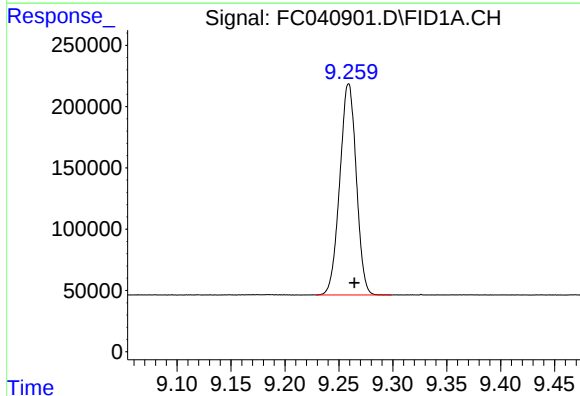
R.T.: 6.502 min  
Delta R.T.: -0.007 min  
Response: 2095501  
Conc: 19.98 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



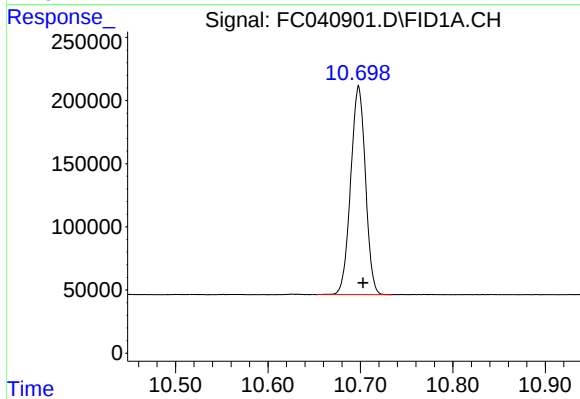
#6 n-Tetradecane (C14)

R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 1856268  
Conc: 19.50 ug/ml



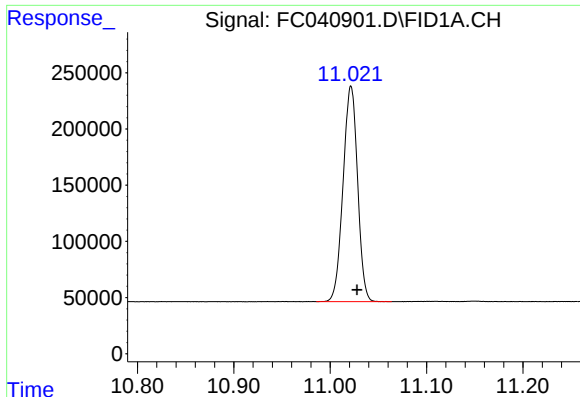
#7 n-Hexadecane (C16)

R.T.: 9.259 min  
Delta R.T.: -0.005 min  
Response: 1837193  
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

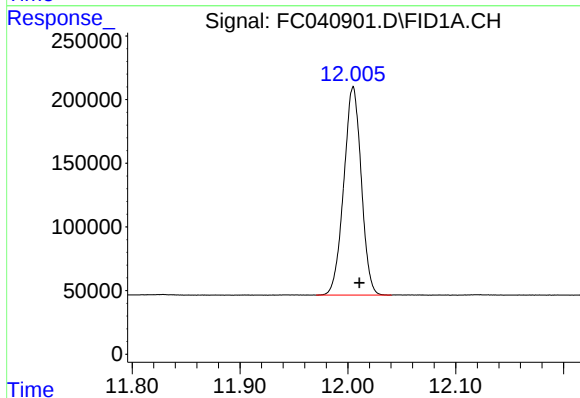
R.T.: 10.698 min  
Delta R.T.: -0.005 min  
Response: 1827497  
Conc: 18.81 ug/ml



#9 ortho-Terphenyl (SURR)

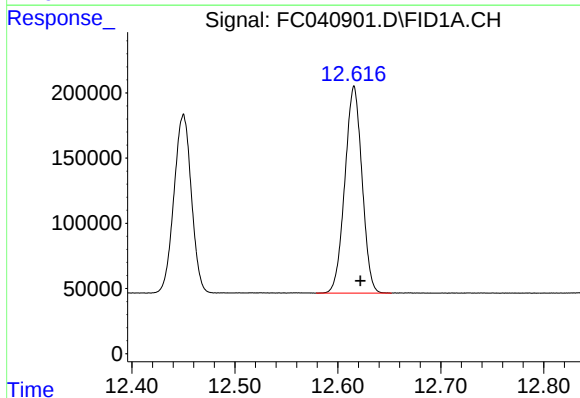
R.T.: 11.022 min  
Delta R.T.: -0.006 min  
Response: 1997101  
Conc: 19.17 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



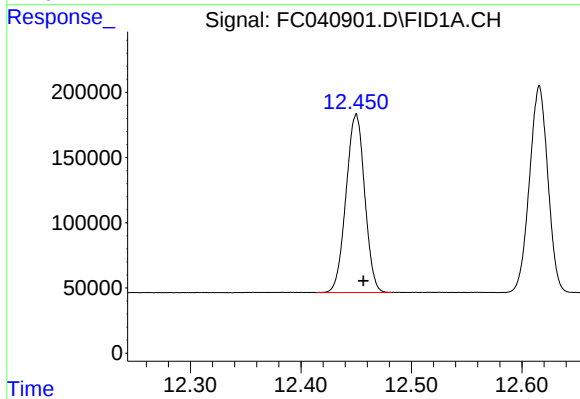
#10 n-Eicosane (C20)

R.T.: 12.005 min  
Delta R.T.: -0.006 min  
Response: 1840998  
Conc: 19.21 ug/ml



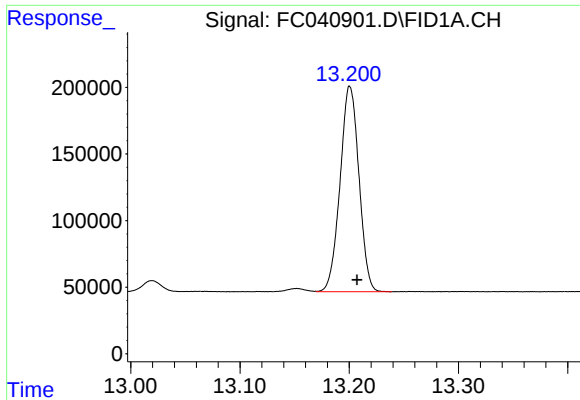
#11 n-Heneicosane (C21)

R.T.: 12.616 min  
Delta R.T.: -0.006 min  
Response: 1834644  
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

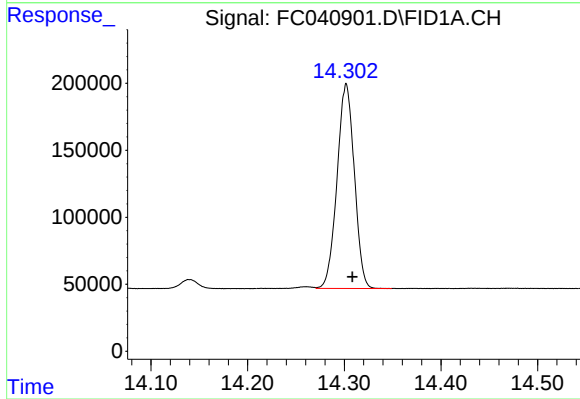
R.T.: 12.450 min  
Delta R.T.: -0.007 min  
Response: 1604875  
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

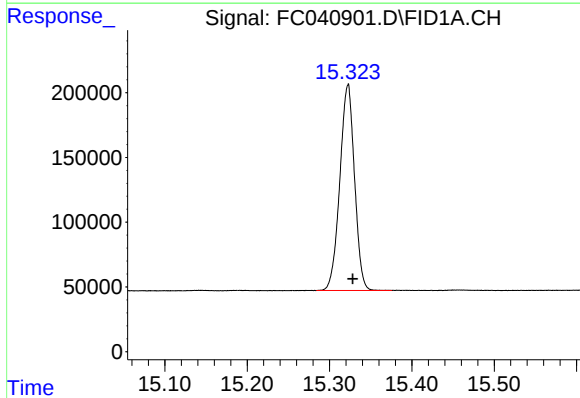
R.T.: 13.201 min  
Delta R.T.: -0.007 min  
Response: 1854071  
Conc: 20.04 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



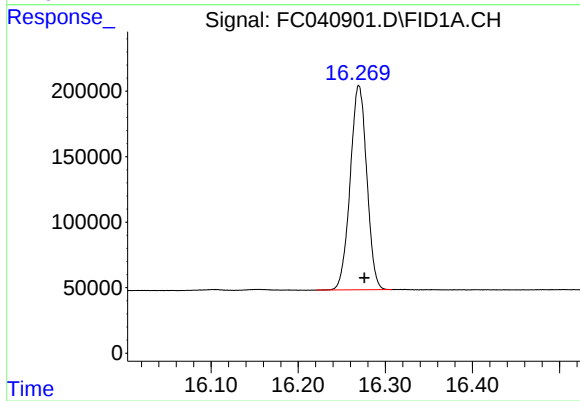
#14 n-Tetracosane (C24)

R.T.: 14.302 min  
Delta R.T.: -0.006 min  
Response: 1898220  
Conc: 20.83 ug/ml



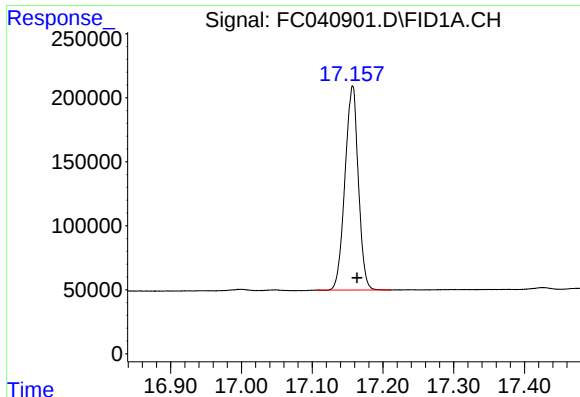
#15 n-Hexacosane (C26)

R.T.: 15.322 min  
Delta R.T.: -0.006 min  
Response: 1971563  
Conc: 21.97 ug/ml



#16 n-Octacosane (C28)

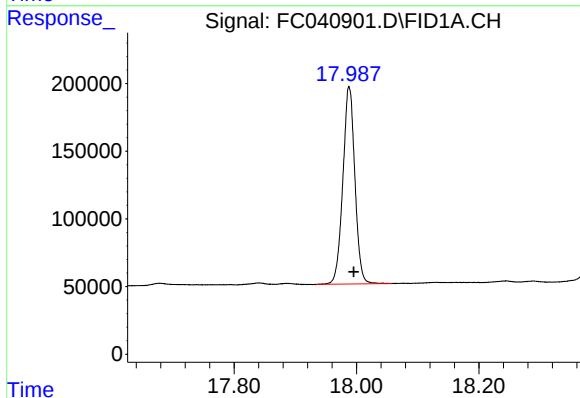
R.T.: 16.270 min  
Delta R.T.: -0.006 min  
Response: 2063455  
Conc: 22.02 ug/ml



#17 n-Tricontane (C30)

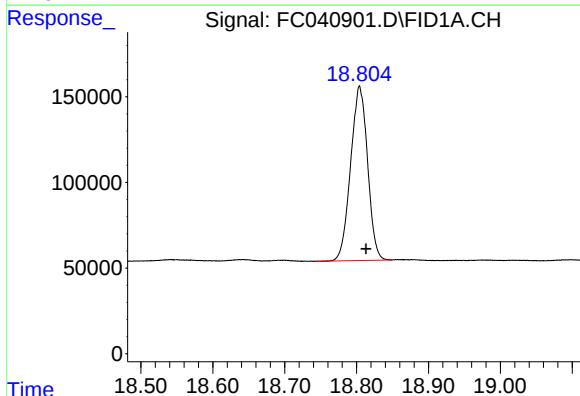
R.T.: 17.157 min  
Delta R.T.: -0.006 min  
Response: 2097012  
Conc: 19.62 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



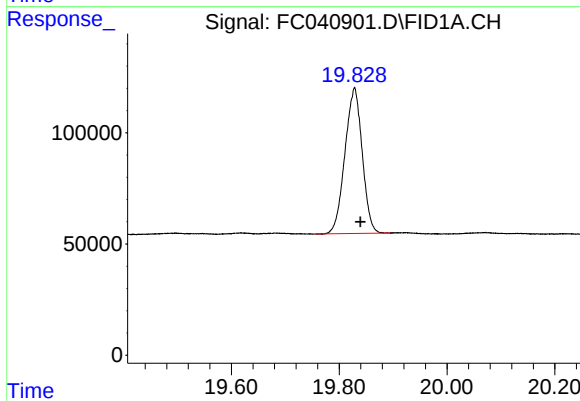
#18 n-Dotriacontane (C32)

R.T.: 17.988 min  
Delta R.T.: -0.007 min  
Response: 1989138  
Conc: 20.15 ug/ml



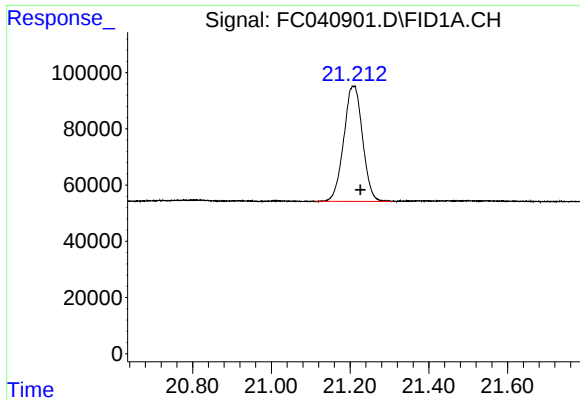
#19 n-Tetratriacontane (C34)

R.T.: 18.804 min  
Delta R.T.: -0.009 min  
Response: 1662012  
Conc: 21.83 ug/ml



#20 n-Hexatriacontane (C36)

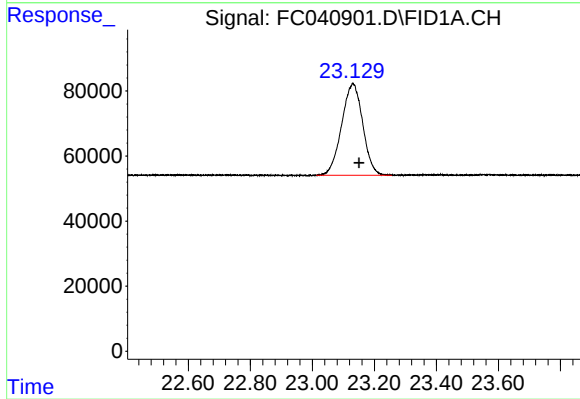
R.T.: 19.829 min  
Delta R.T.: -0.011 min  
Response: 1455681  
Conc: 21.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min  
Delta R.T.: -0.015 min  
Response: 1357520  
Conc: 21.19 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 23.130 min  
Delta R.T.: -0.021 min  
Response: 1331544  
Conc: 21.13 ug/ml