

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101124AL\  
 Data File : FC067399.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Oct 2024 12:04  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 14 03:23:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100224.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 01 09:13:32 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.500 | 2789177    | 18.330 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.66%       |
| 12) S 1-chlorooctadecane (S... | 12.938 | 2066765    | 18.259 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.52%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.275  | 2493829    | 19.674 ug/ml |
| 2) T n-Decane (C10)            | 4.341  | 2537227    | 19.738 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.919  | 2796727    | 19.715 ug/ml |
| 4) T n-Dodecane (C12)          | 6.357  | 2544041    | 19.605 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.975  | 2684895    | 19.571 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.150  | 2479052    | 19.248 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.748  | 2507958    | 18.840 ug/ml |
| 8) T n-Octadecane (C18)        | 11.189 | 2503839    | 18.465 ug/ml |
| 10) T n-Eicosane (C20)         | 12.496 | 2397547    | 18.362 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.107 | 2345484    | 18.287 ug/ml |
| 13) T n-Docosane (C22)         | 13.692 | 2329942    | 18.247 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.794 | 2312708    | 18.083 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.813 | 2273830    | 18.034 ug/ml |
| 16) T n-Octacosane (C28)       | 16.762 | 2234256    | 17.785 ug/ml |
| 17) T n-Tricontane (C30)       | 17.649 | 2272704    | 17.642 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.480 | 2210637    | 17.695 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.263 | 1961296    | 17.948 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.001 | 1798611    | 19.029 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.725 | 1644990    | 18.757 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.612 | 1782840    | 20.719 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

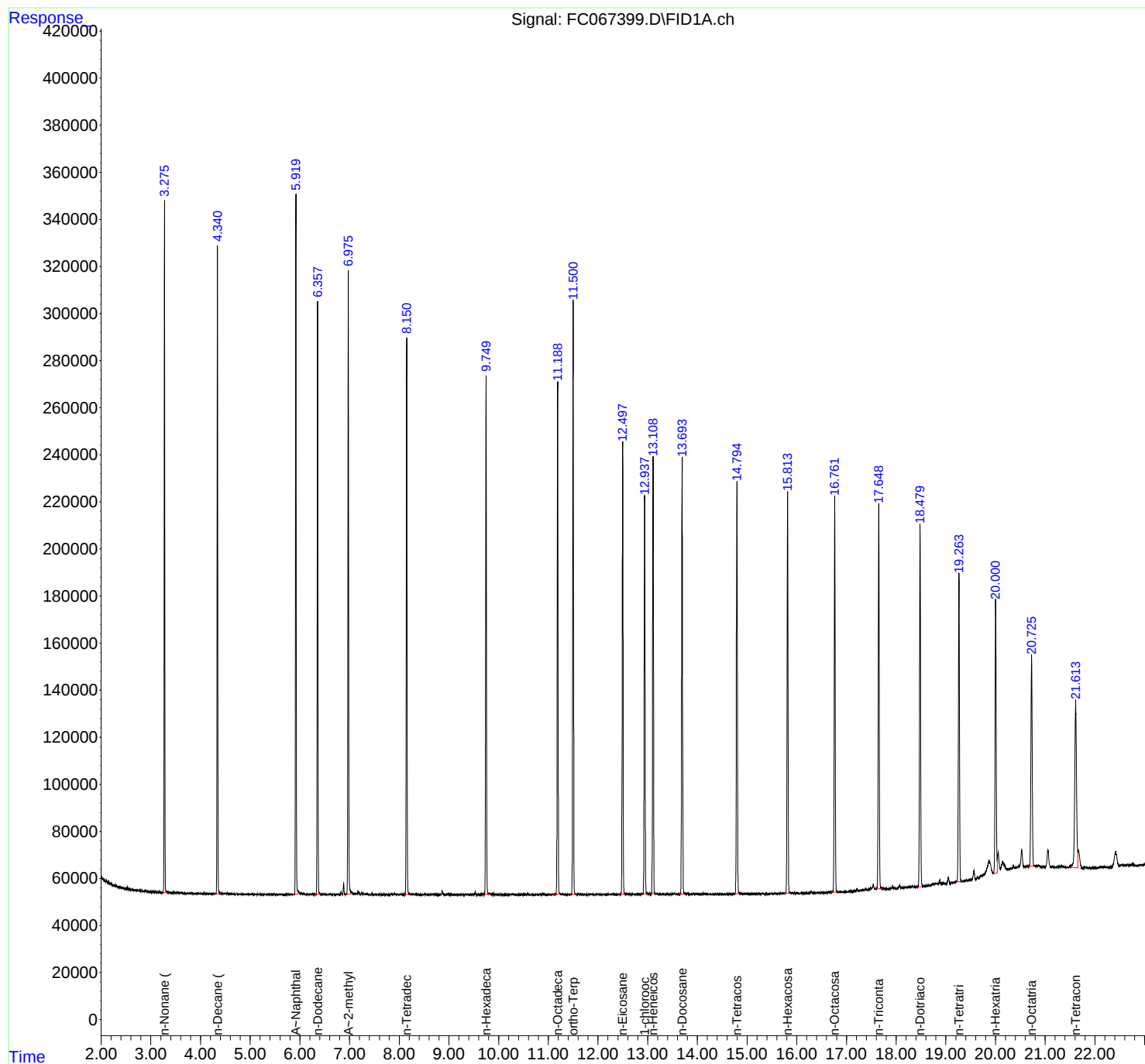
(m)=manual int.

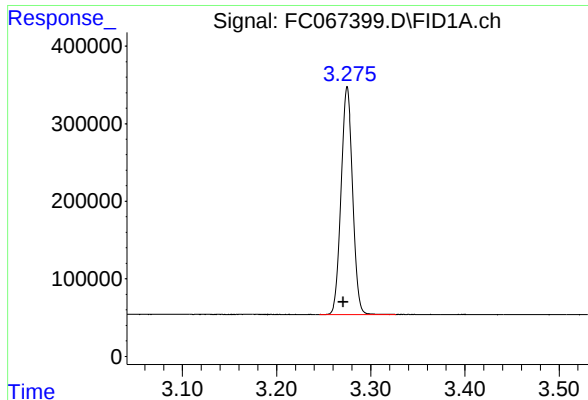
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101124AL\  
Data File : FC067399.D  
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Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

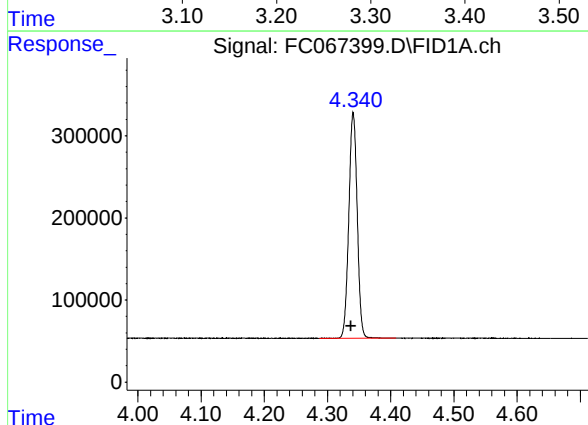




#1 n-Nonane (C9)

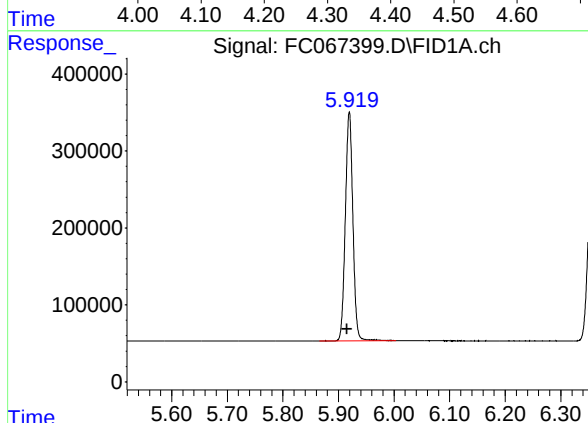
R.T.: 3.275 min  
Delta R.T.: 0.004 min  
Response: 2493829  
Conc: 19.67 ug/ml

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



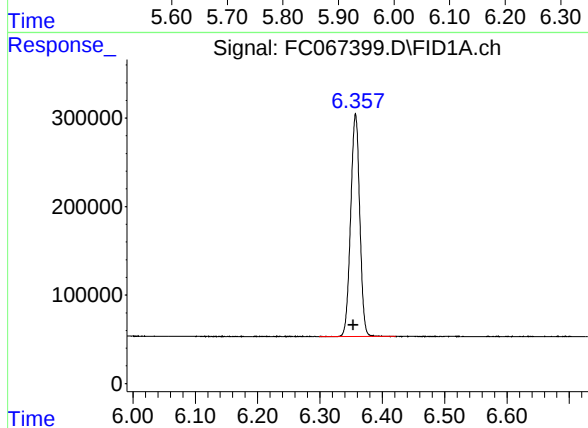
#2 n-Decane (C10)

R.T.: 4.341 min  
Delta R.T.: 0.004 min  
Response: 2537227  
Conc: 19.74 ug/ml



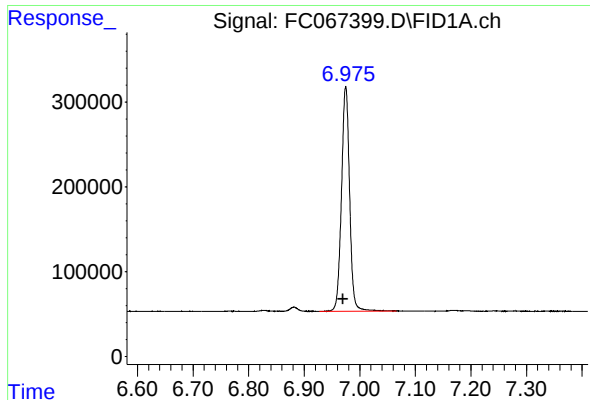
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min  
Delta R.T.: 0.004 min  
Response: 2796727  
Conc: 19.72 ug/ml



#4 n-Dodecane (C12)

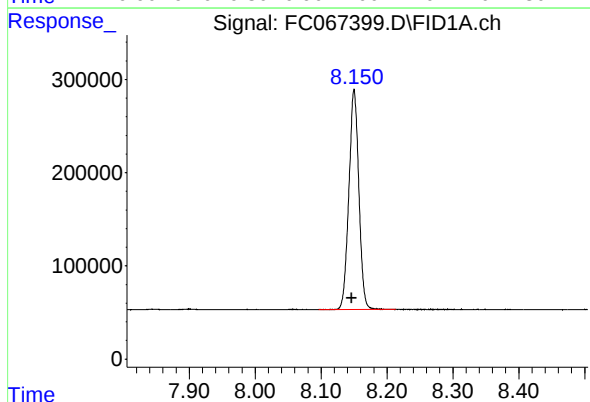
R.T.: 6.357 min  
Delta R.T.: 0.004 min  
Response: 2544041  
Conc: 19.61 ug/ml



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

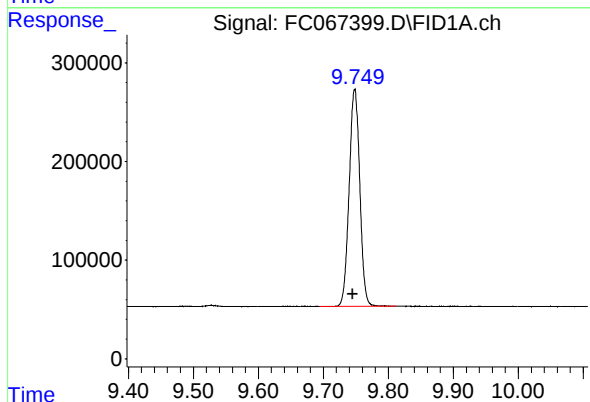
R.T.: 6.975 min  
Delta R.T.: 0.005 min  
Response: 2684895  
Conc: 19.57 ug/ml

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



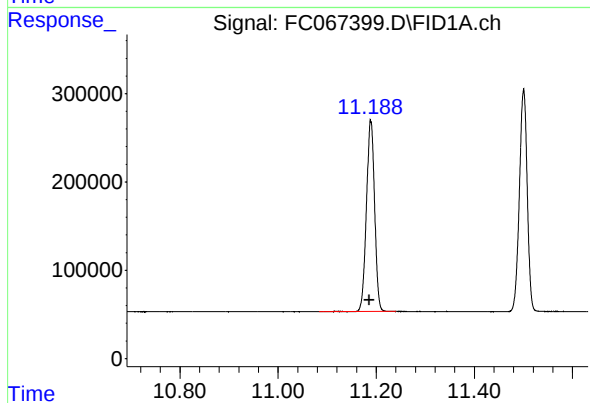
#6 n-Tetradecane (C14)

R.T.: 8.150 min  
Delta R.T.: 0.004 min  
Response: 2479052  
Conc: 19.25 ug/ml



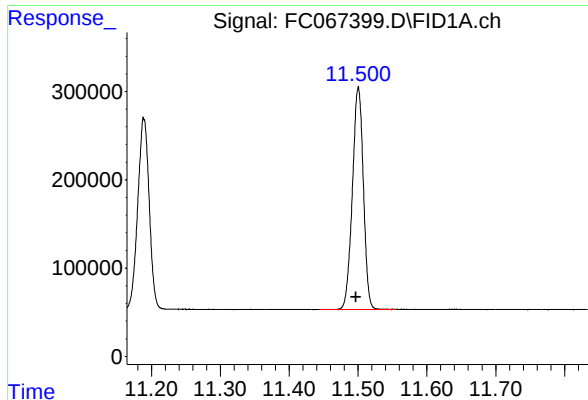
#7 n-Hexadecane (C16)

R.T.: 9.748 min  
Delta R.T.: 0.003 min  
Response: 2507958  
Conc: 18.84 ug/ml



#8 n-Octadecane (C18)

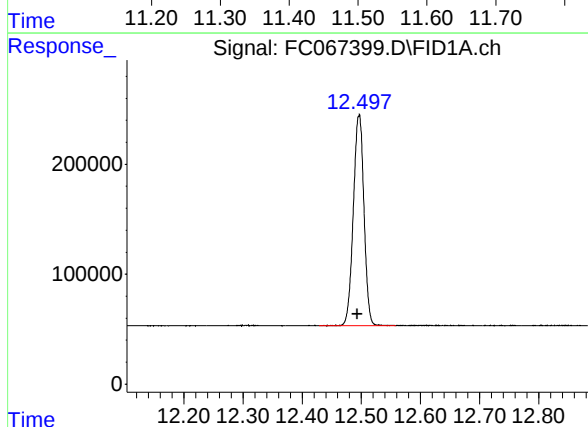
R.T.: 11.189 min  
Delta R.T.: 0.003 min  
Response: 2503839  
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

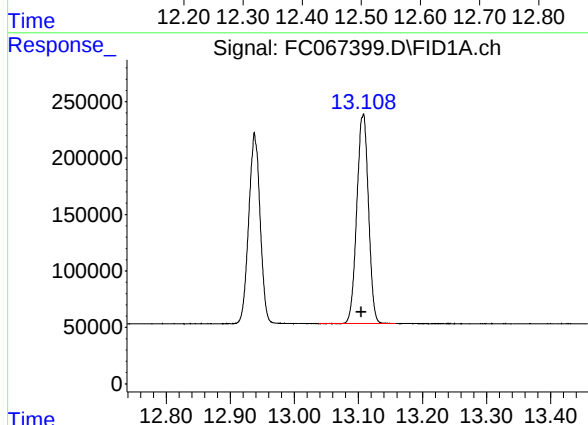
R.T.: 11.500 min  
Delta R.T.: 0.003 min  
Response: 2789177  
Conc: 18.33 ug/ml

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



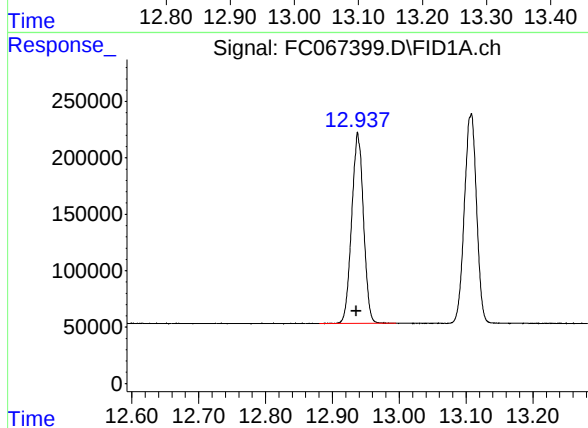
#10 n-Eicosane (C20)

R.T.: 12.496 min  
Delta R.T.: 0.003 min  
Response: 2397547  
Conc: 18.36 ug/ml



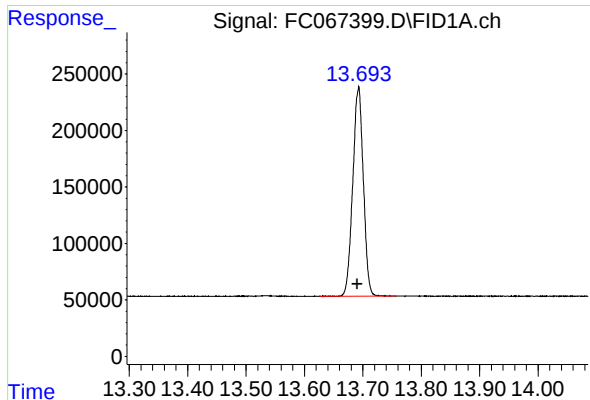
#11 n-Heneicosane (C21)

R.T.: 13.107 min  
Delta R.T.: 0.003 min  
Response: 2345484  
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

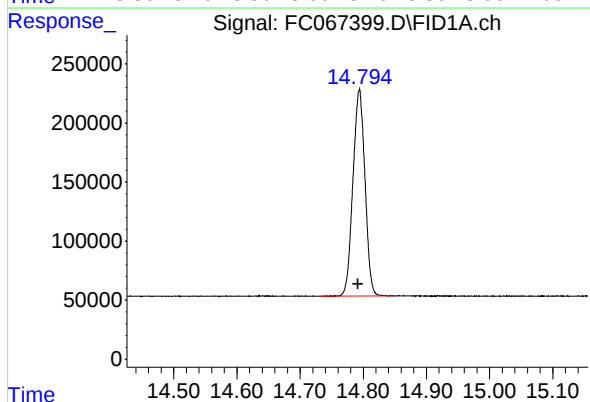
R.T.: 12.938 min  
Delta R.T.: 0.003 min  
Response: 2066765  
Conc: 18.26 ug/ml



#13 n-Docosane (C22)

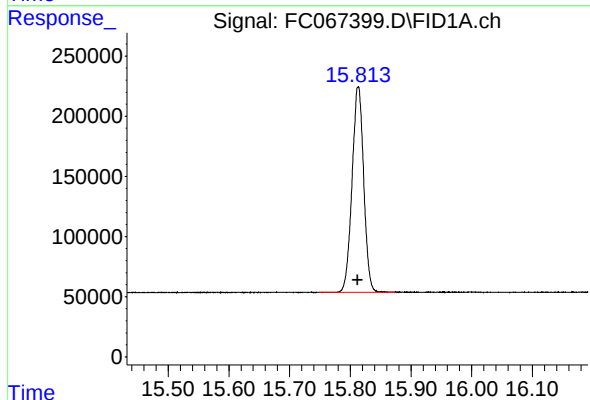
R.T.: 13.692 min  
Delta R.T.: 0.002 min  
Response: 2329942  
Conc: 18.25 ug/ml

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



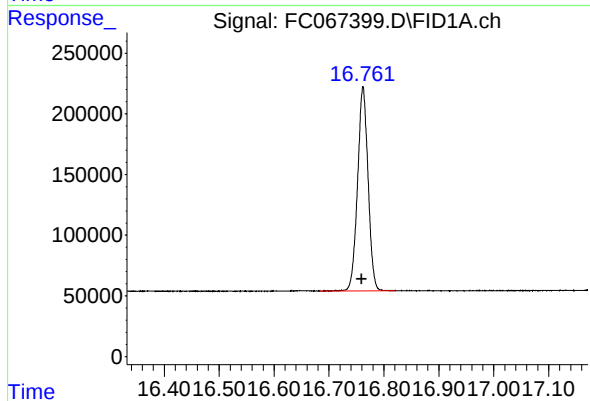
#14 n-Tetracosane (C24)

R.T.: 14.794 min  
Delta R.T.: 0.002 min  
Response: 2312708  
Conc: 18.08 ug/ml



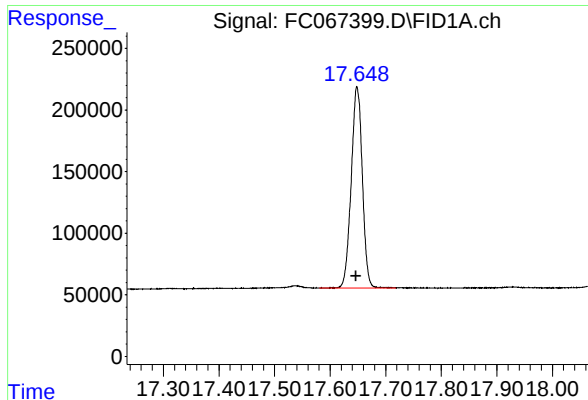
#15 n-Hexacosane (C26)

R.T.: 15.813 min  
Delta R.T.: 0.000 min  
Response: 2273830  
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

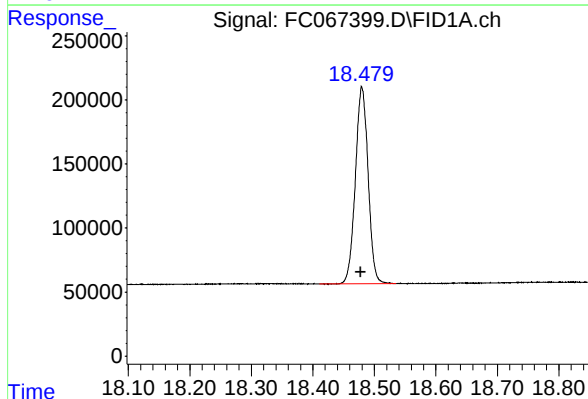
R.T.: 16.762 min  
Delta R.T.: 0.002 min  
Response: 2234256  
Conc: 17.78 ug/ml



#17 n-Tricontane (C30)

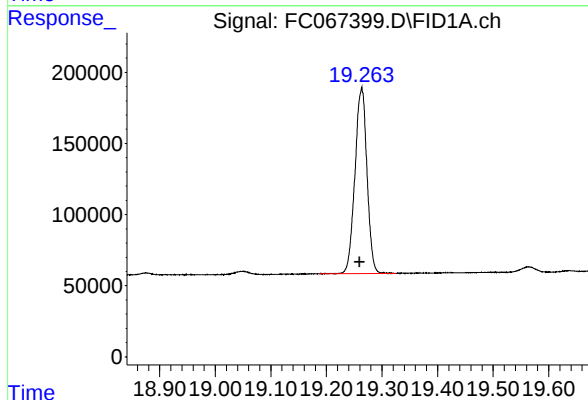
R.T.: 17.649 min  
Delta R.T.: 0.003 min  
Response: 2272704  
Conc: 17.64 ug/ml

Instrument :  
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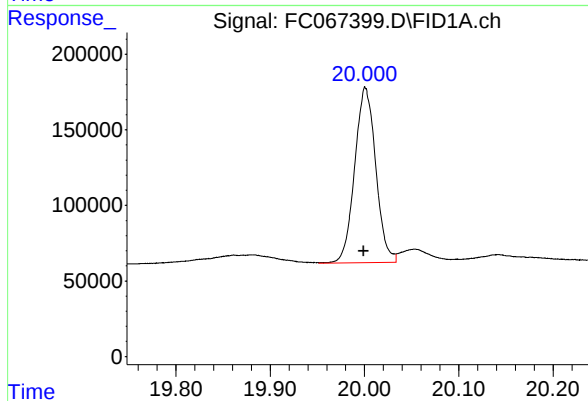
#18 n-Dotriacontane (C32)

R.T.: 18.480 min  
Delta R.T.: 0.002 min  
Response: 2210637  
Conc: 17.70 ug/ml



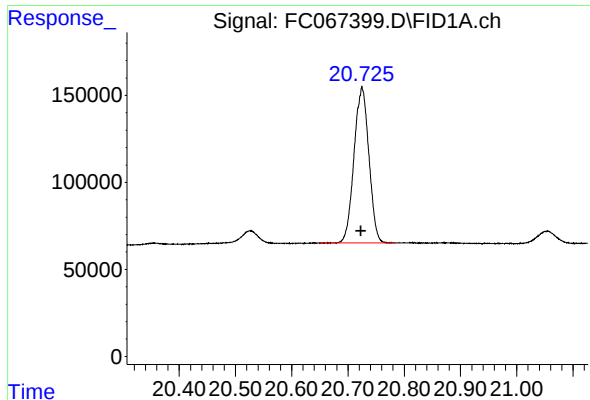
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min  
Delta R.T.: 0.003 min  
Response: 1961296  
Conc: 17.95 ug/ml



#20 n-Hexatriacontane (C36)

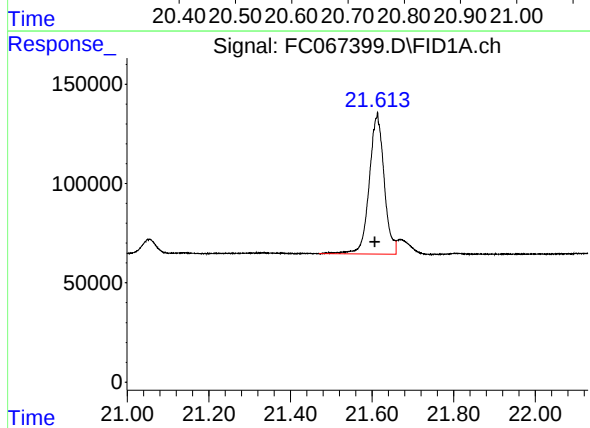
R.T.: 20.001 min  
Delta R.T.: 0.002 min  
Response: 1798611  
Conc: 19.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min  
Delta R.T.: 0.002 min  
Response: 1644990  
Conc: 18.76 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.612 min  
Delta R.T.: 0.005 min  
Response: 1782840  
Conc: 20.72 ug/ml