

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101424AL\  
 Data File : FG014434.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Oct 2024 16:28  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 15 02:36:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 01 09:55:30 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)    | 11.799 | 2831551    | 20.617 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.23%       |
| 12) S 1-chlorooctadecane (S... | 13.247 | 2248972    | 22.696 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 45.39%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.181  | 2366099    | 18.973 ug/ml |
| 2) T n-Decane (C10)            | 4.430  | 2412953    | 19.039 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.129  | 2477406    | 20.078 ug/ml |
| 4) T n-Dodecane (C12)          | 6.602  | 2413824    | 19.299 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.228  | 2170817    | 19.395 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.434  | 2402943    | 20.183 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.046 | 2528116    | 20.080 ug/ml |
| 8) T n-Octadecane (C18)        | 11.490 | 2646757    | 20.483 ug/ml |
| 10) T n-Eicosane (C20)         | 12.804 | 2605483    | 21.020 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.416 | 2590247    | 21.324 ug/ml |
| 13) T n-Docosane (C22)         | 14.004 | 2581826    | 21.444 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.110 | 2587874    | 21.489 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.135 | 2531953    | 21.477 ug/ml |
| 16) T n-Octacosane (C28)       | 17.086 | 2441421    | 20.996 ug/ml |
| 17) T n-Tricontane (C30)       | 17.976 | 2408844    | 20.162 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.809 | 2260408    | 19.581 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.595 | 1945006    | 19.463 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.336 | 1670848    | 19.231 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.064 | 1571999    | 20.690 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.950 | 1586185    | 23.960 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

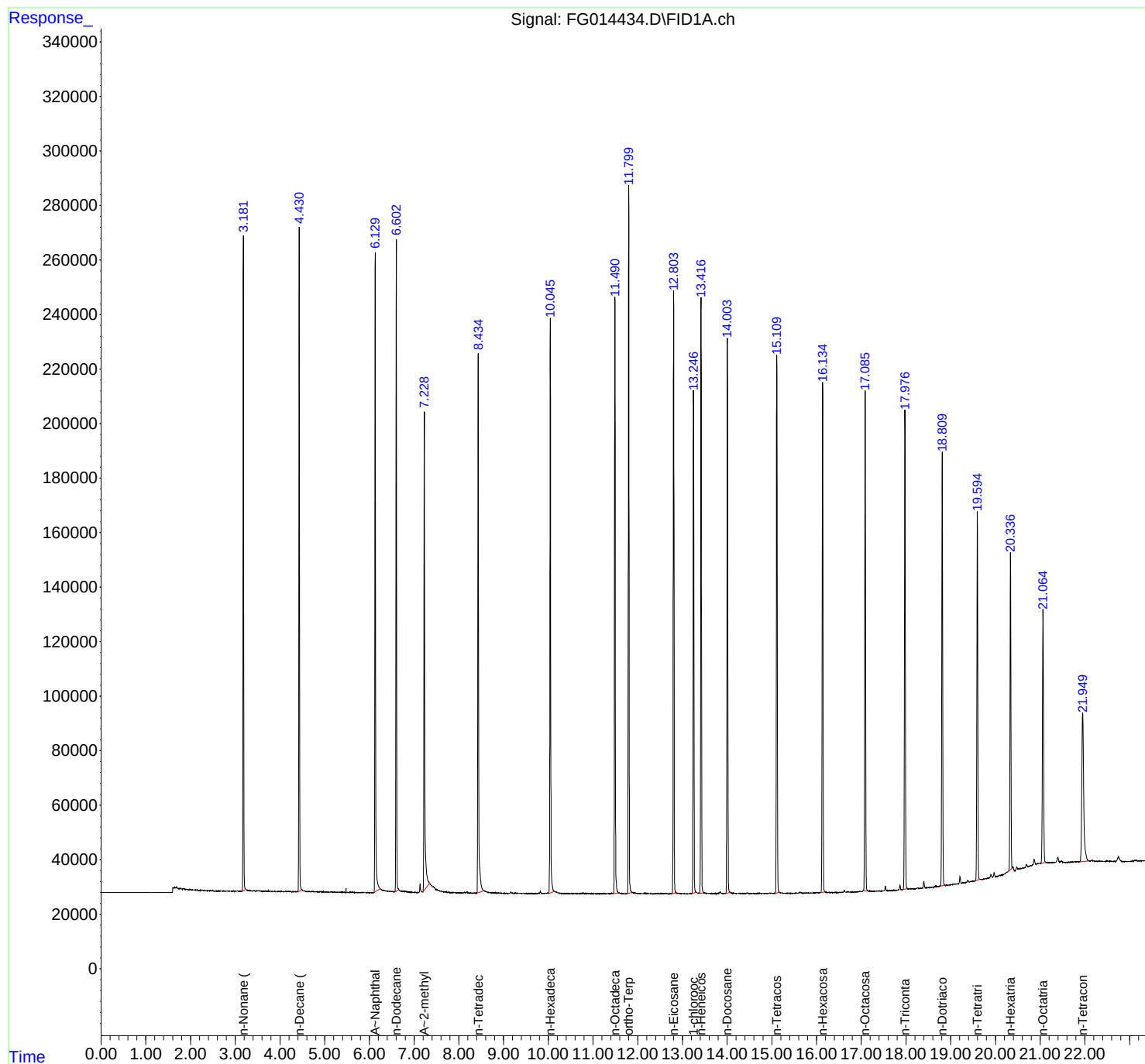
(m)=manual int.

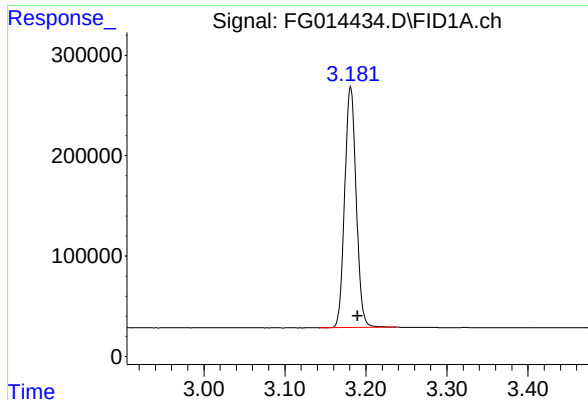
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101424AL\  
Data File : FG014434.D  
Signal(s) : FID1A.ch  
Acq On : 14 Oct 2024 16:28  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 71 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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QLast Update : Tue Oct 01 09:55:30 2024  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

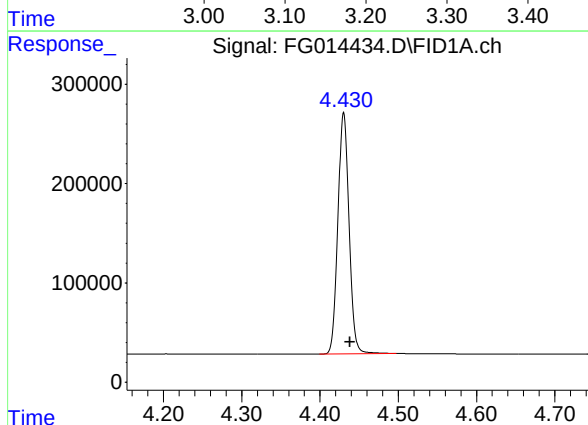




#1 n-Nonane (C9)

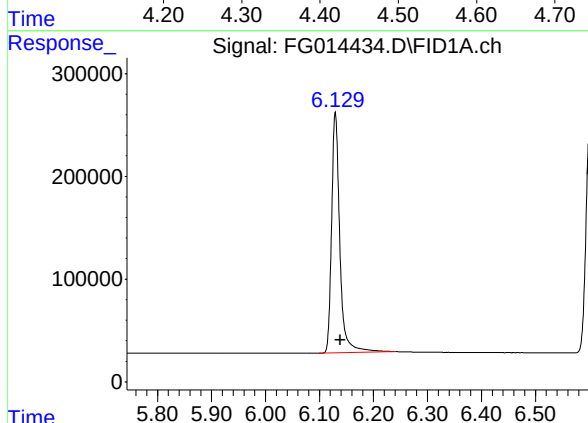
R.T.: 3.181 min  
Delta R.T.: -0.009 min  
Response: 2366099  
Conc: 18.97 ug/ml

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



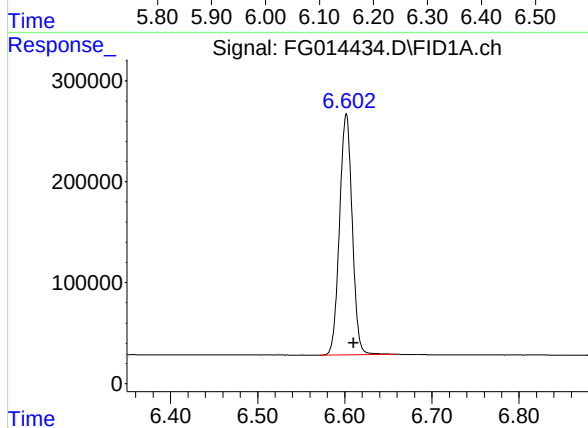
#2 n-Decane (C10)

R.T.: 4.430 min  
Delta R.T.: -0.008 min  
Response: 2412953  
Conc: 19.04 ug/ml



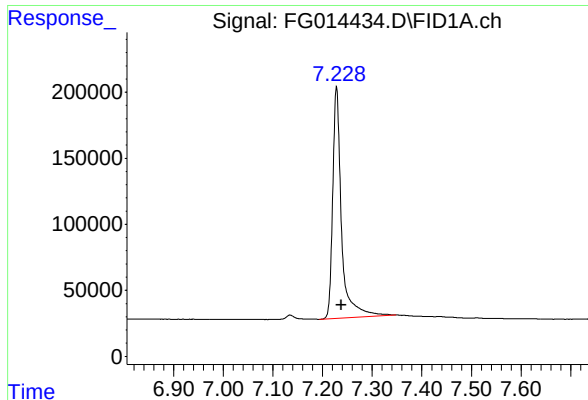
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min  
Delta R.T.: -0.009 min  
Response: 2477406  
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

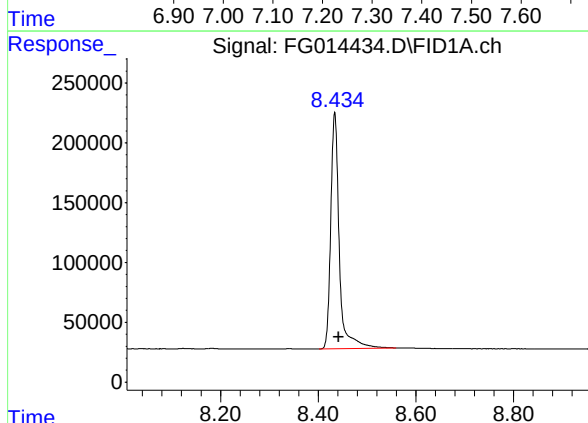
R.T.: 6.602 min  
Delta R.T.: -0.008 min  
Response: 2413824  
Conc: 19.30 ug/ml



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

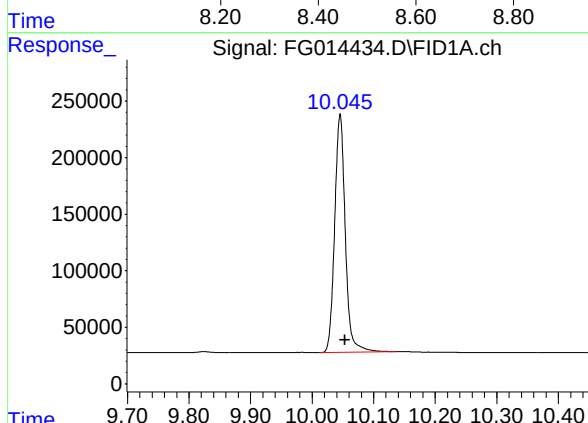
R.T.: 7.228 min  
Delta R.T.: -0.009 min  
Response: 2170817  
Conc: 19.40 ug/ml

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



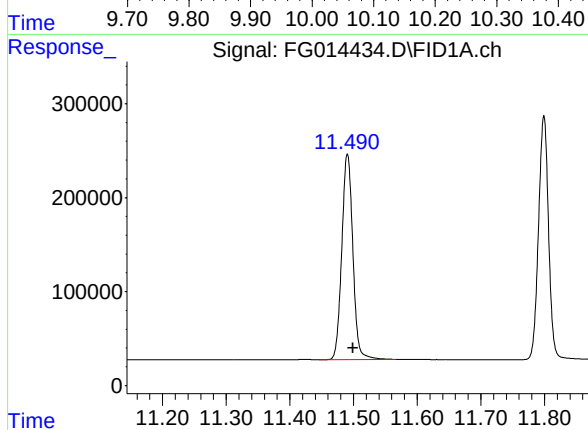
#6 n-Tetradecane (C14)

R.T.: 8.434 min  
Delta R.T.: -0.008 min  
Response: 2402943  
Conc: 20.18 ug/ml



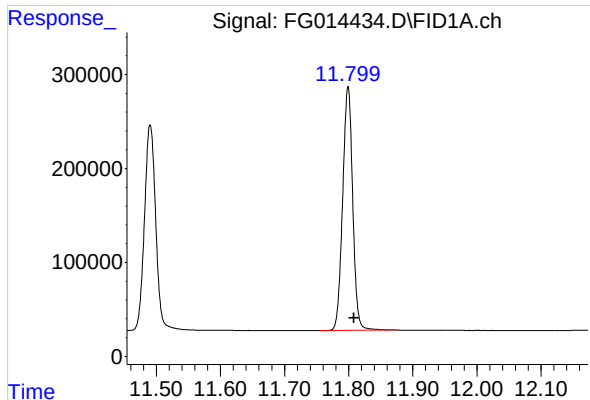
#7 n-Hexadecane (C16)

R.T.: 10.046 min  
Delta R.T.: -0.008 min  
Response: 2528116  
Conc: 20.08 ug/ml



#8 n-Octadecane (C18)

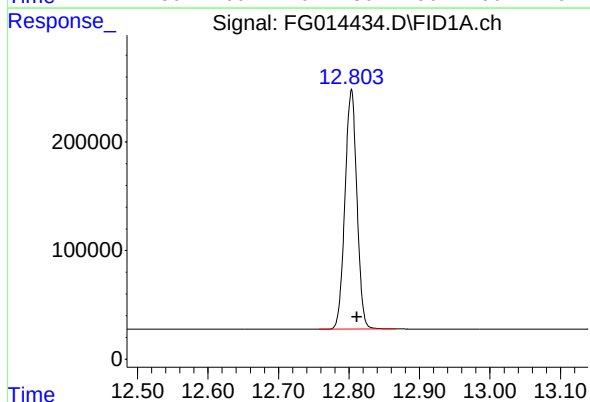
R.T.: 11.490 min  
Delta R.T.: -0.009 min  
Response: 2646757  
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

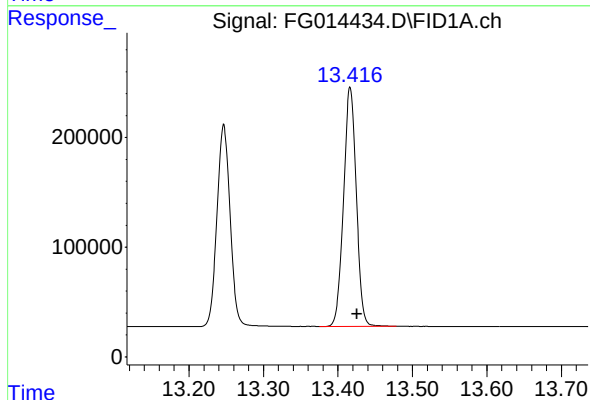
R.T.: 11.799 min  
Delta R.T.: -0.009 min  
Response: 2831551  
Conc: 20.62 ug/ml

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



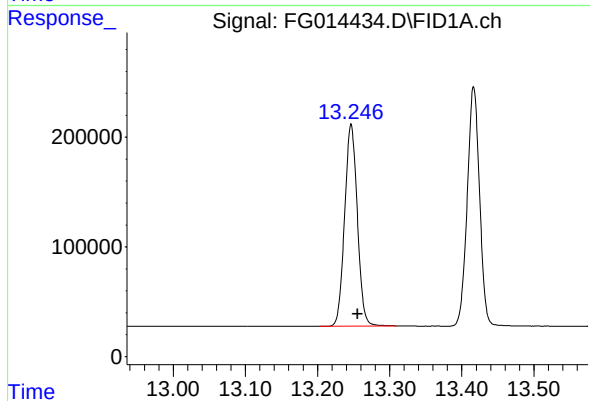
#10 n-Eicosane (C20)

R.T.: 12.804 min  
Delta R.T.: -0.007 min  
Response: 2605483  
Conc: 21.02 ug/ml



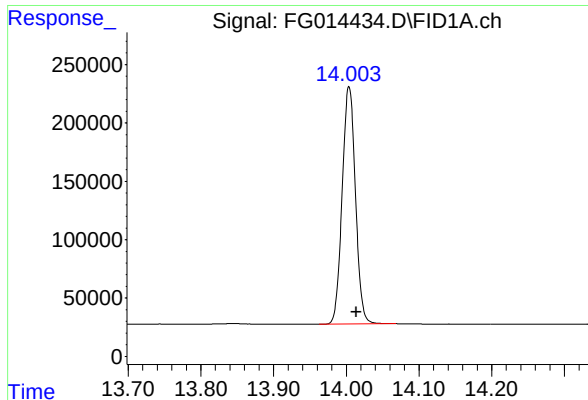
#11 n-Heneicosane (C21)

R.T.: 13.416 min  
Delta R.T.: -0.009 min  
Response: 2590247  
Conc: 21.32 ug/ml



#12 1-chlorooctadecane (SURR)

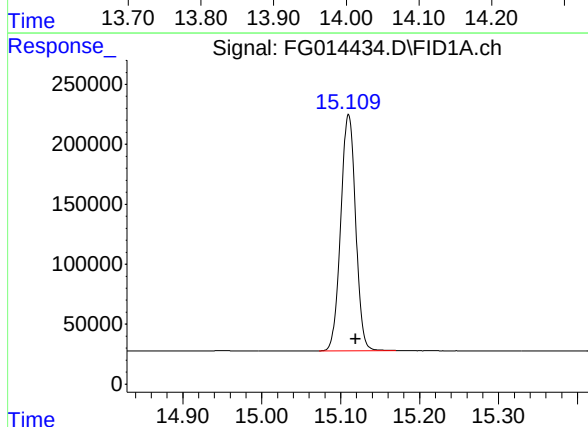
R.T.: 13.247 min  
Delta R.T.: -0.009 min  
Response: 2248972  
Conc: 22.70 ug/ml



#13 n-Docosane (C22)

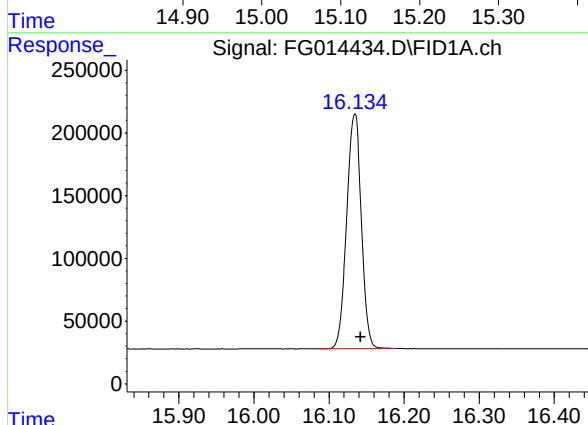
R.T.: 14.004 min  
Delta R.T.: -0.010 min  
Response: 2581826  
Conc: 21.44 ug/ml

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



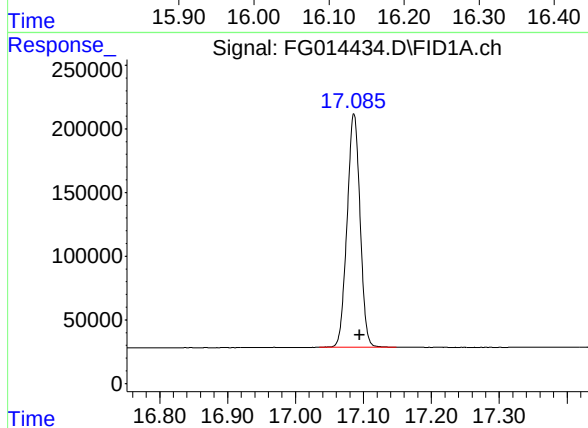
#14 n-Tetracosane (C24)

R.T.: 15.110 min  
Delta R.T.: -0.009 min  
Response: 2587874  
Conc: 21.49 ug/ml



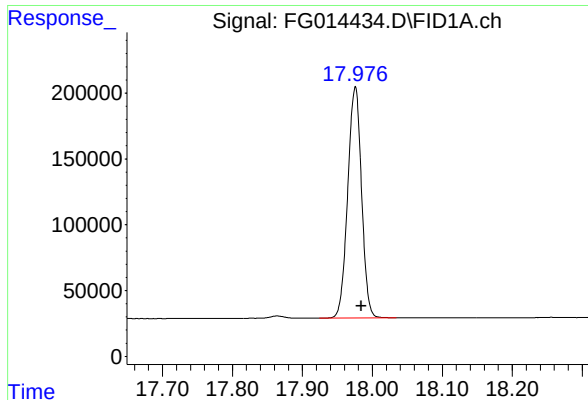
#15 n-Hexacosane (C26)

R.T.: 16.135 min  
Delta R.T.: -0.008 min  
Response: 2531953  
Conc: 21.48 ug/ml



#16 n-Octacosane (C28)

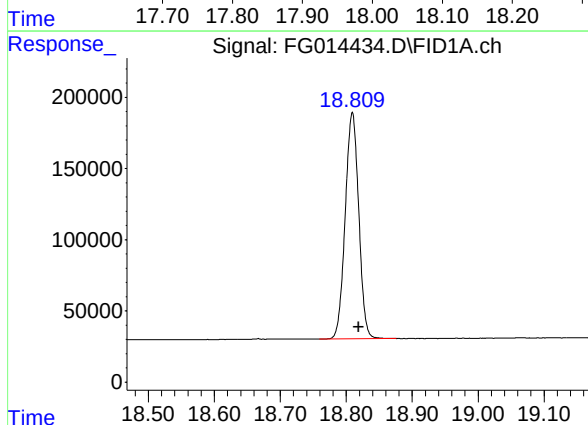
R.T.: 17.086 min  
Delta R.T.: -0.008 min  
Response: 2441421  
Conc: 21.00 ug/ml



#17 n-Tricontane (C30)

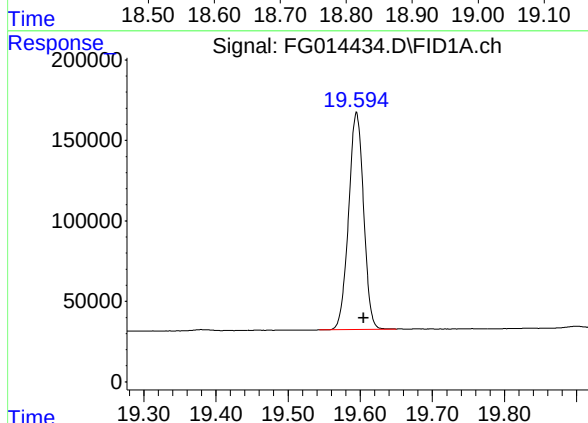
R.T.: 17.976 min  
Delta R.T.: -0.009 min  
Response: 2408844  
Conc: 20.16 ug/ml

Instrument :  
FID\_G  
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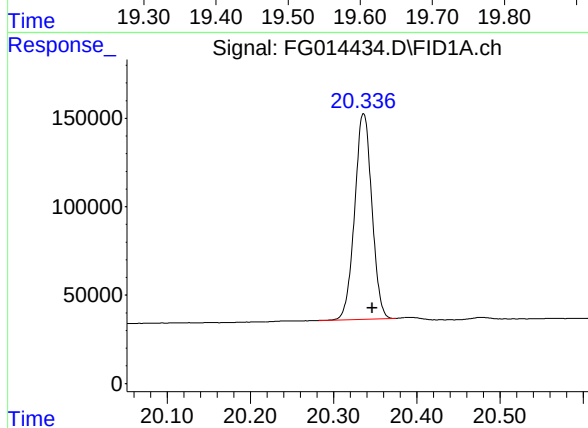
#18 n-Dotriacontane (C32)

R.T.: 18.809 min  
Delta R.T.: -0.009 min  
Response: 2260408  
Conc: 19.58 ug/ml



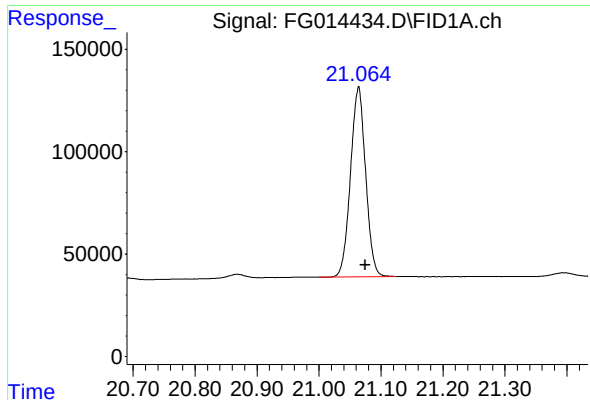
#19 n-Tetatriacontane (C34)

R.T.: 19.595 min  
Delta R.T.: -0.010 min  
Response: 1945006  
Conc: 19.46 ug/ml



#20 n-Hexatriacontane (C36)

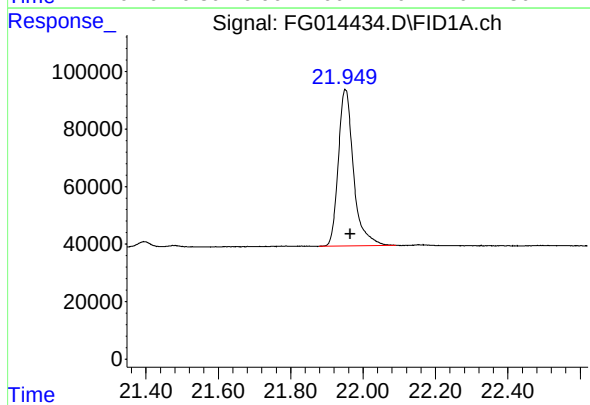
R.T.: 20.336 min  
Delta R.T.: -0.010 min  
Response: 1670848  
Conc: 19.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.064 min  
Delta R.T.: -0.011 min  
Response: 1571999  
Conc: 20.69 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.950 min  
Delta R.T.: -0.015 min  
Response: 1586185  
Conc: 23.96 ug/ml