

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072023AL\  
 Data File : FG012495.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Jul 2023 10:08  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 21 01:48:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 071423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 15 01:18:50 2023  
 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)    | 10.881 | 3211597    | 20.553 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.11%       |
| 12) S 1-chlorooctadecane (S... | 12.319 | 2396819    | 20.680 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.36%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.732  | 2446914    | 19.671 ug/ml |
| 2) T n-Decane (C10)            | 3.739  | 2505630    | 19.707 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.304  | 2803786    | 20.257 ug/ml |
| 4) T n-Dodecane (C12)          | 5.729  | 2551865    | 19.835 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.354  | 2667345    | 20.428 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.521  | 2570534    | 20.129 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.122  | 2740072    | 20.551 ug/ml |
| 8) T n-Octadecane (C18)        | 10.565 | 2855497    | 20.562 ug/ml |
| 10) T n-Eicosane (C20)         | 11.874 | 2787708    | 20.620 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.487 | 2730429    | 20.581 ug/ml |
| 13) T n-Docosane (C22)         | 13.073 | 2742696    | 20.804 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.177 | 2891372    | 20.587 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.199 | 2685108    | 21.271 ug/ml |
| 16) T n-Octacosane (C28)       | 16.149 | 2666854    | 21.214 ug/ml |
| 17) T n-Tricontane (C30)       | 17.038 | 2765393    | 20.927 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.872 | 2748845    | 20.659 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.655 | 2624052    | 20.480 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.396 | 2484765    | 20.108 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.129 | 2392132    | 20.028 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.034 | 2337809    | 20.175 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

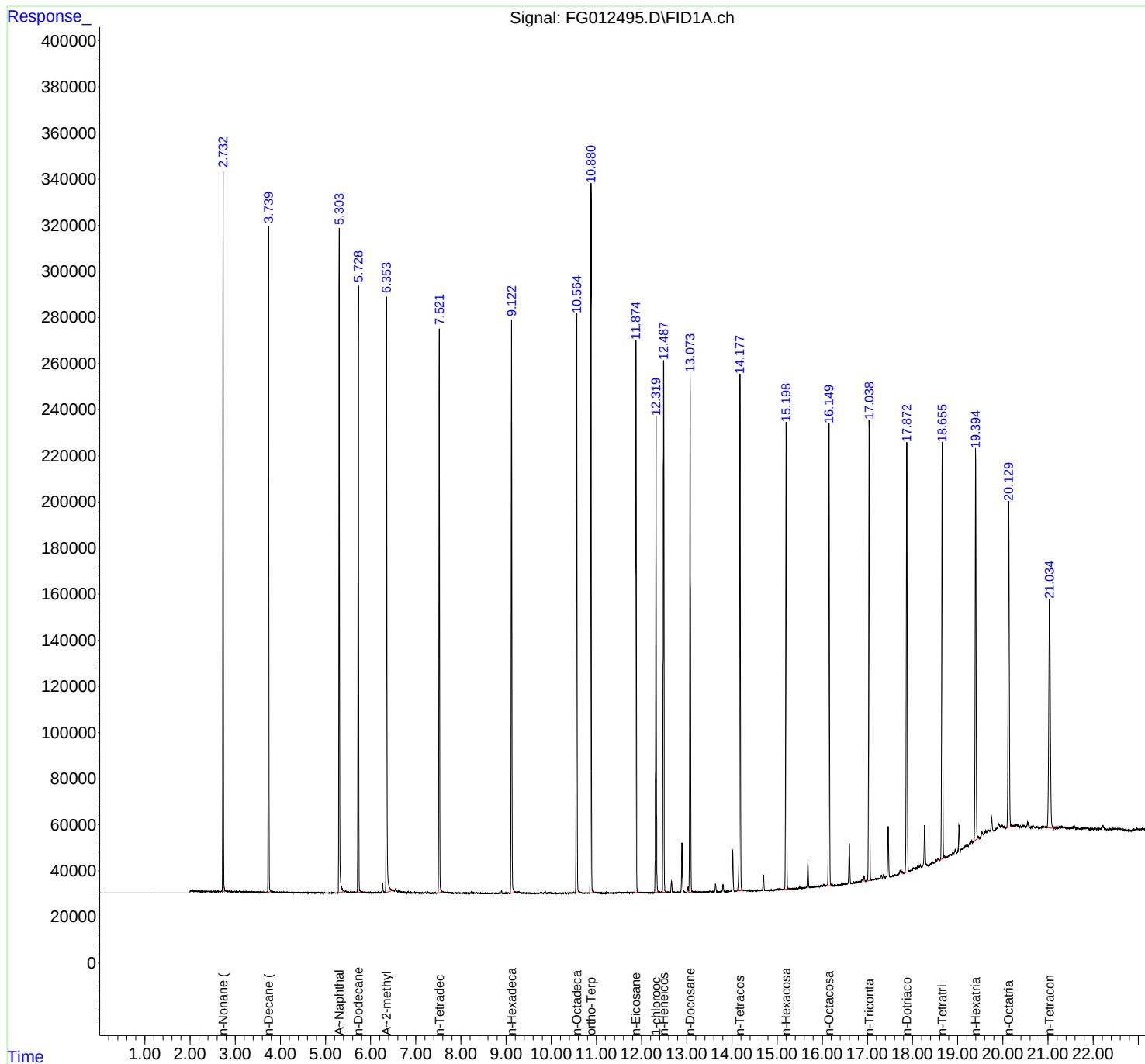
(m)=manual int.

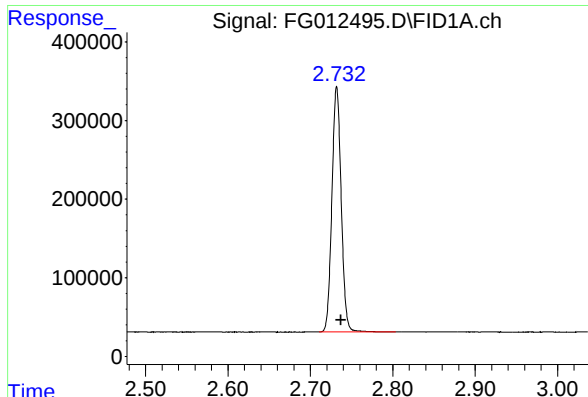
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072023AL\  
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Signal(s) : FID1A.ch  
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Sample : 20 PPM ALIPHATIC HC STD  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 071423.M  
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QLast Update : Sat Jul 15 01:18:50 2023  
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Volume Inj. : 1 ul  
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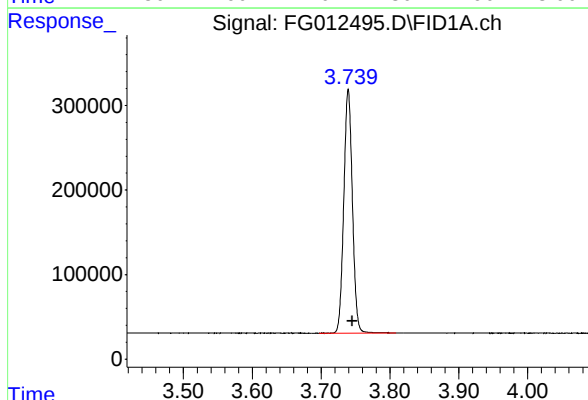




#1 n-Nonane (C9)

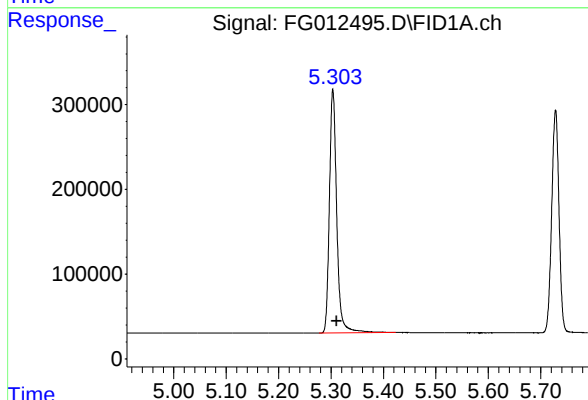
R.T.: 2.732 min  
Delta R.T.: -0.005 min  
Response: 2446914  
Conc: 19.67 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



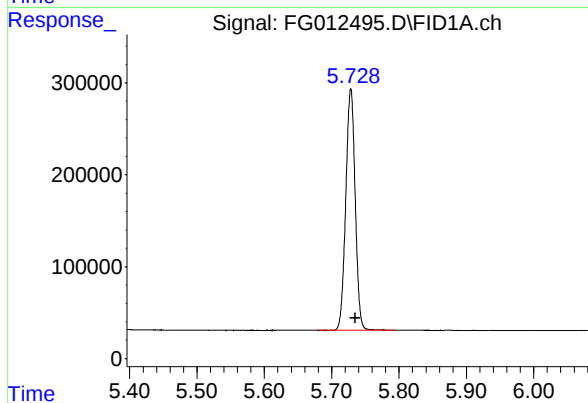
#2 n-Decane (C10)

R.T.: 3.739 min  
Delta R.T.: -0.006 min  
Response: 2505630  
Conc: 19.71 ug/ml



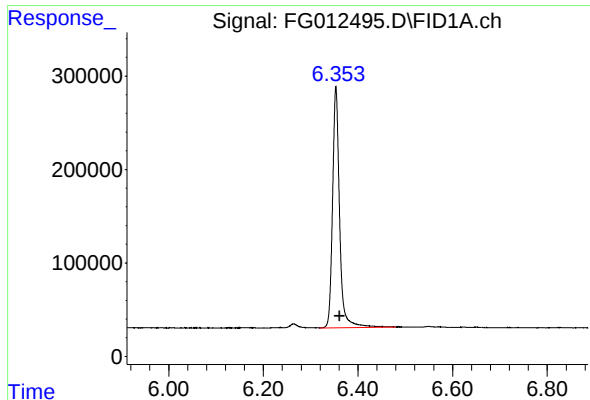
#3 A~Naphthalene (C11.7)

R.T.: 5.304 min  
Delta R.T.: -0.007 min  
Response: 2803786  
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.729 min  
Delta R.T.: -0.007 min  
Response: 2551865  
Conc: 19.84 ug/ml



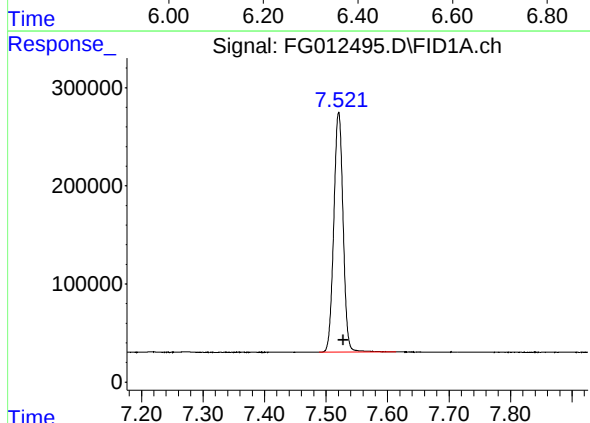
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.354 min  
Delta R.T.: -0.007 min  
Response: 2667345  
Conc: 20.43 ug/ml

Instrument :

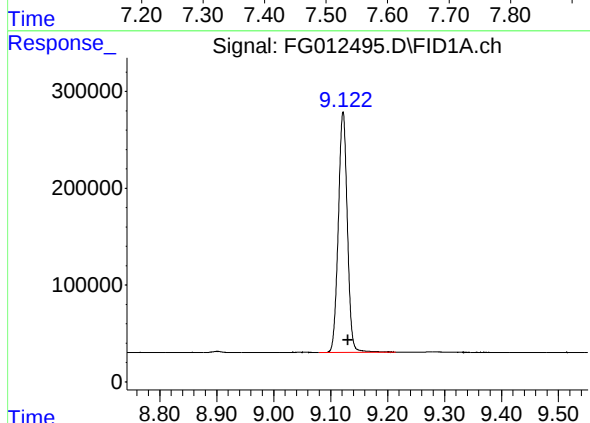
FID\_G

ClientSampleId :



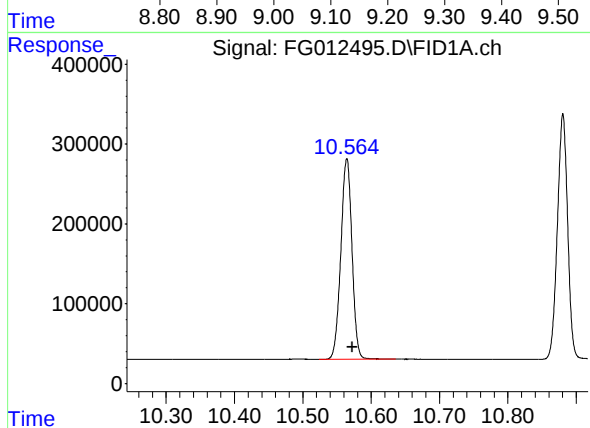
#6 n-Tetradecane (C14)

R.T.: 7.521 min  
Delta R.T.: -0.007 min  
Response: 2570534  
Conc: 20.13 ug/ml



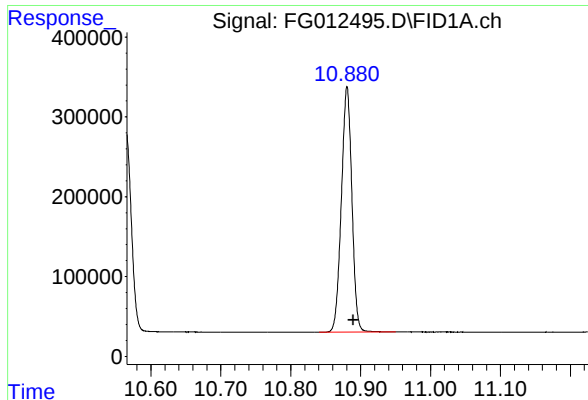
#7 n-Hexadecane (C16)

R.T.: 9.122 min  
Delta R.T.: -0.008 min  
Response: 2740072  
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

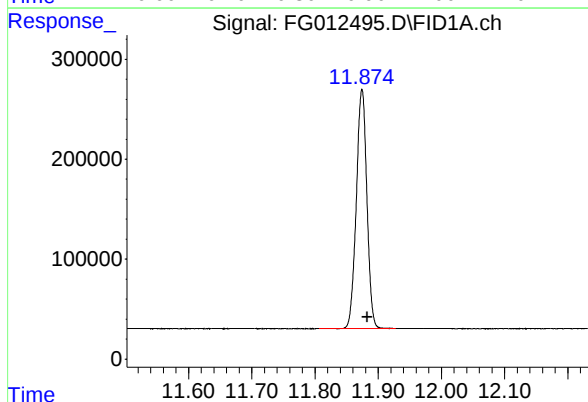
R.T.: 10.565 min  
Delta R.T.: -0.008 min  
Response: 2855497  
Conc: 20.56 ug/ml



#9 ortho-Terphenyl (SURR)

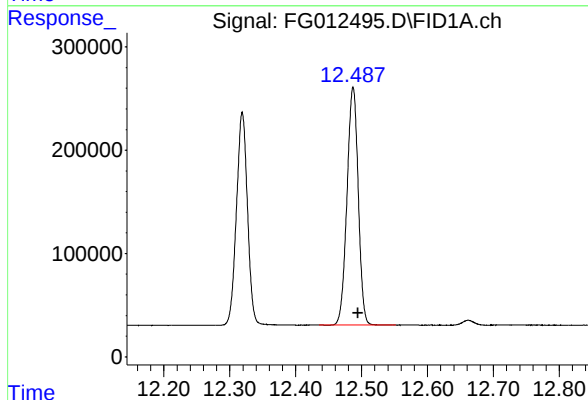
R.T.: 10.881 min  
Delta R.T.: -0.009 min  
Response: 3211597  
Conc: 20.55 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



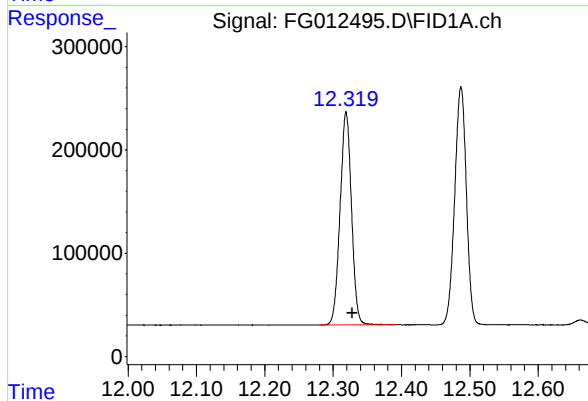
#10 n-Eicosane (C20)

R.T.: 11.874 min  
Delta R.T.: -0.009 min  
Response: 2787708  
Conc: 20.62 ug/ml



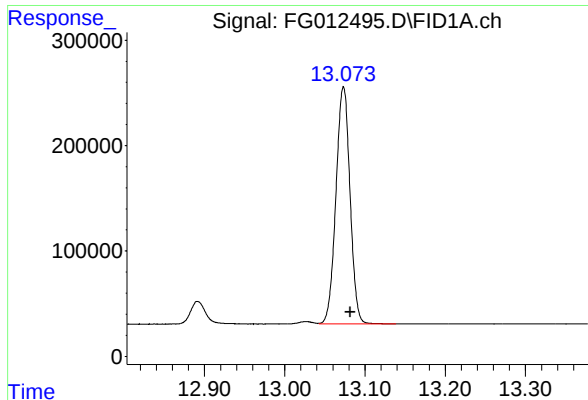
#11 n-Heneicosane (C21)

R.T.: 12.487 min  
Delta R.T.: -0.008 min  
Response: 2730429  
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

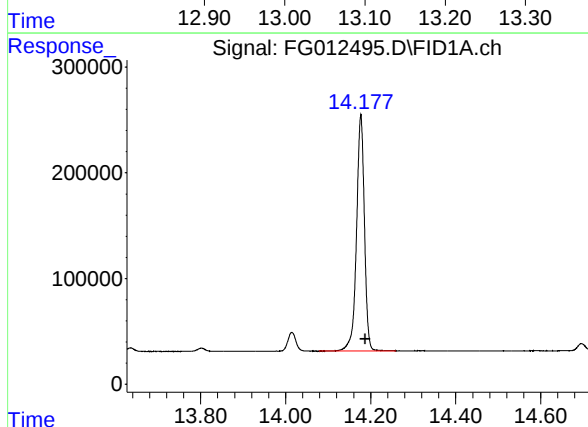
R.T.: 12.319 min  
Delta R.T.: -0.009 min  
Response: 2396819  
Conc: 20.68 ug/ml



#13 n-Docosane (C22)

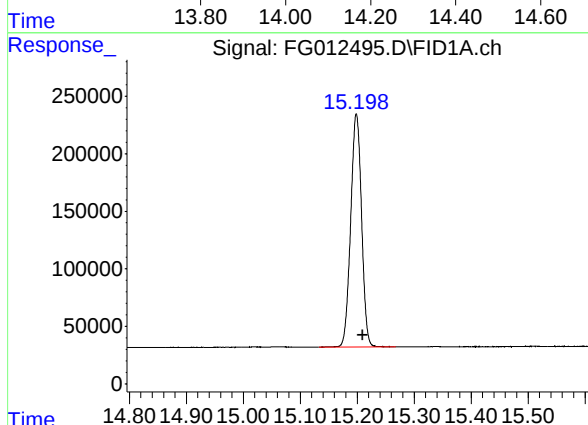
R.T.: 13.073 min  
Delta R.T.: -0.009 min  
Response: 2742696  
Conc: 20.80 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



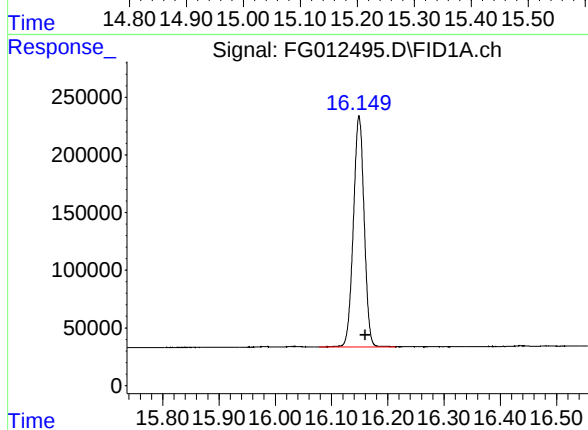
#14 n-Tetracosane (C24)

R.T.: 14.177 min  
Delta R.T.: -0.010 min  
Response: 2891372  
Conc: 20.59 ug/ml



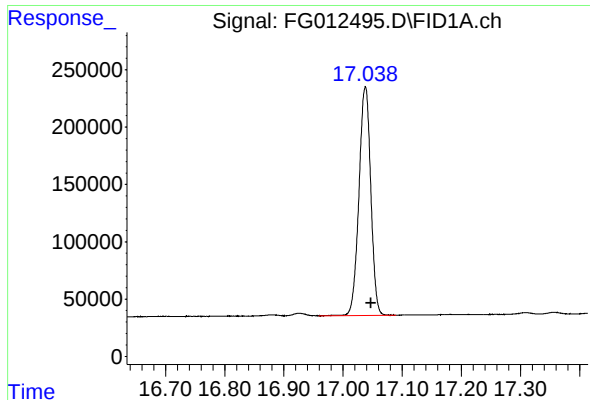
#15 n-Hexacosane (C26)

R.T.: 15.199 min  
Delta R.T.: -0.011 min  
Response: 2685108  
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

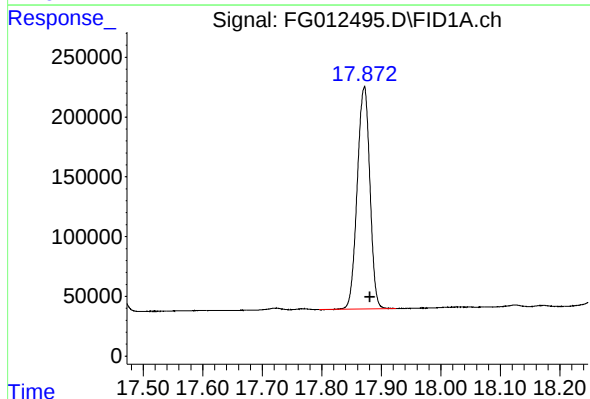
R.T.: 16.149 min  
Delta R.T.: -0.011 min  
Response: 2666854  
Conc: 21.21 ug/ml



#17 n-Tricontane (C30)

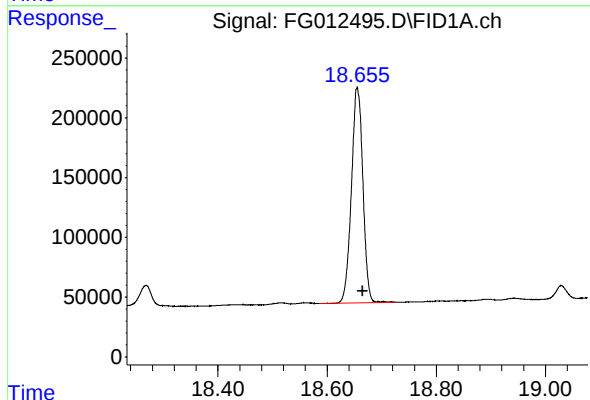
R.T.: 17.038 min  
Delta R.T.: -0.010 min  
Response: 2765393  
Conc: 20.93 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



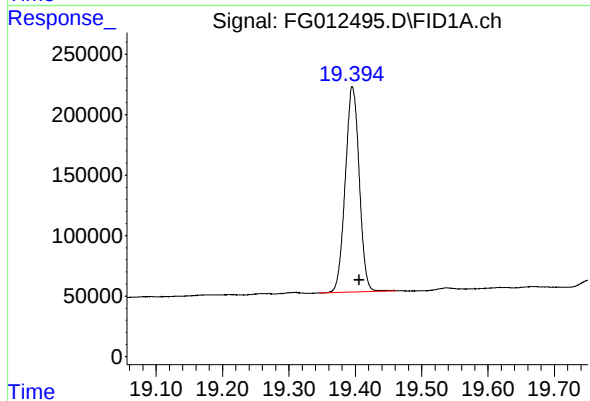
#18 n-Dotriacontane (C32)

R.T.: 17.872 min  
Delta R.T.: -0.010 min  
Response: 2748845  
Conc: 20.66 ug/ml



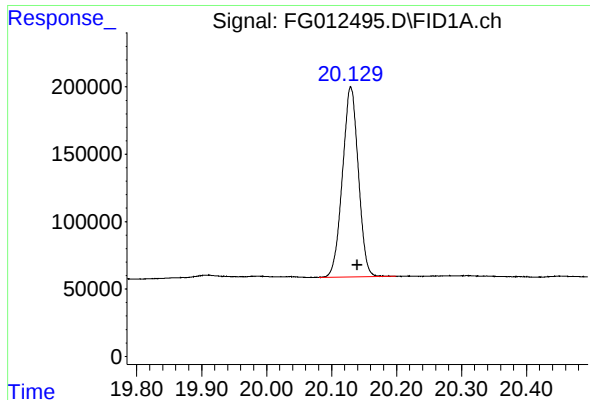
#19 n-Tetatriacontane (C34)

R.T.: 18.655 min  
Delta R.T.: -0.010 min  
Response: 2624052  
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.396 min  
Delta R.T.: -0.010 min  
Response: 2484765  
Conc: 20.11 ug/ml



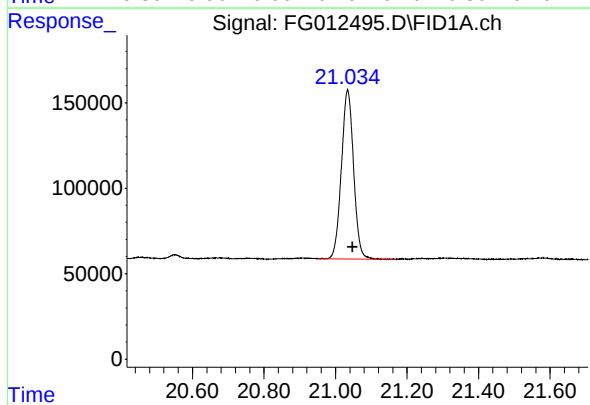
#21 n-Octatriacontane (C38)

R.T.: 20.129 min  
Delta R.T.: -0.011 min  
Response: 2392132  
Conc: 20.03 ug/ml

Instrument :

FID\_G

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.034 min  
Delta R.T.: -0.014 min  
Response: 2337809  
Conc: 20.18 ug/ml