

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071923AL\  
 Data File : FG012487.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Jul 2023 02:52  
 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 20 04:51:54 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 | 3214479    | 20.572 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.14%       |
| 12) S 1-chlorooctadecane (S... | 12.320 | 2394752    | 20.662 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.733  | 2500529    | 20.102 ug/ml |
| 2) T n-Decane (C10)            | 3.740  | 2554946    | 20.095 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.304  | 2824041    | 20.403 ug/ml |
| 4) T n-Dodecane (C12)          | 5.729  | 2578177    | 20.040 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.354  | 2679318    | 20.520 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.522  | 2571792    | 20.138 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.123  | 2723805    | 20.429 ug/ml |
| 8) T n-Octadecane (C18)        | 10.565 | 2843264    | 20.474 ug/ml |
| 10) T n-Eicosane (C20)         | 11.875 | 2783467    | 20.588 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.487 | 2729765    | 20.576 ug/ml |
| 13) T n-Docosane (C22)         | 13.073 | 2738892    | 20.775 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.177 | 2888819    | 20.568 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.200 | 2671750    | 21.165 ug/ml |
| 16) T n-Octacosane (C28)       | 16.151 | 2638512    | 20.989 ug/ml |
| 17) T n-Tricontane (C30)       | 17.039 | 2721875    | 20.598 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.872 | 2716542    | 20.416 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.657 | 2612097    | 20.387 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.397 | 2458602    | 19.896 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.129 | 2378215    | 19.912 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.035 | 2381581    | 20.553 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

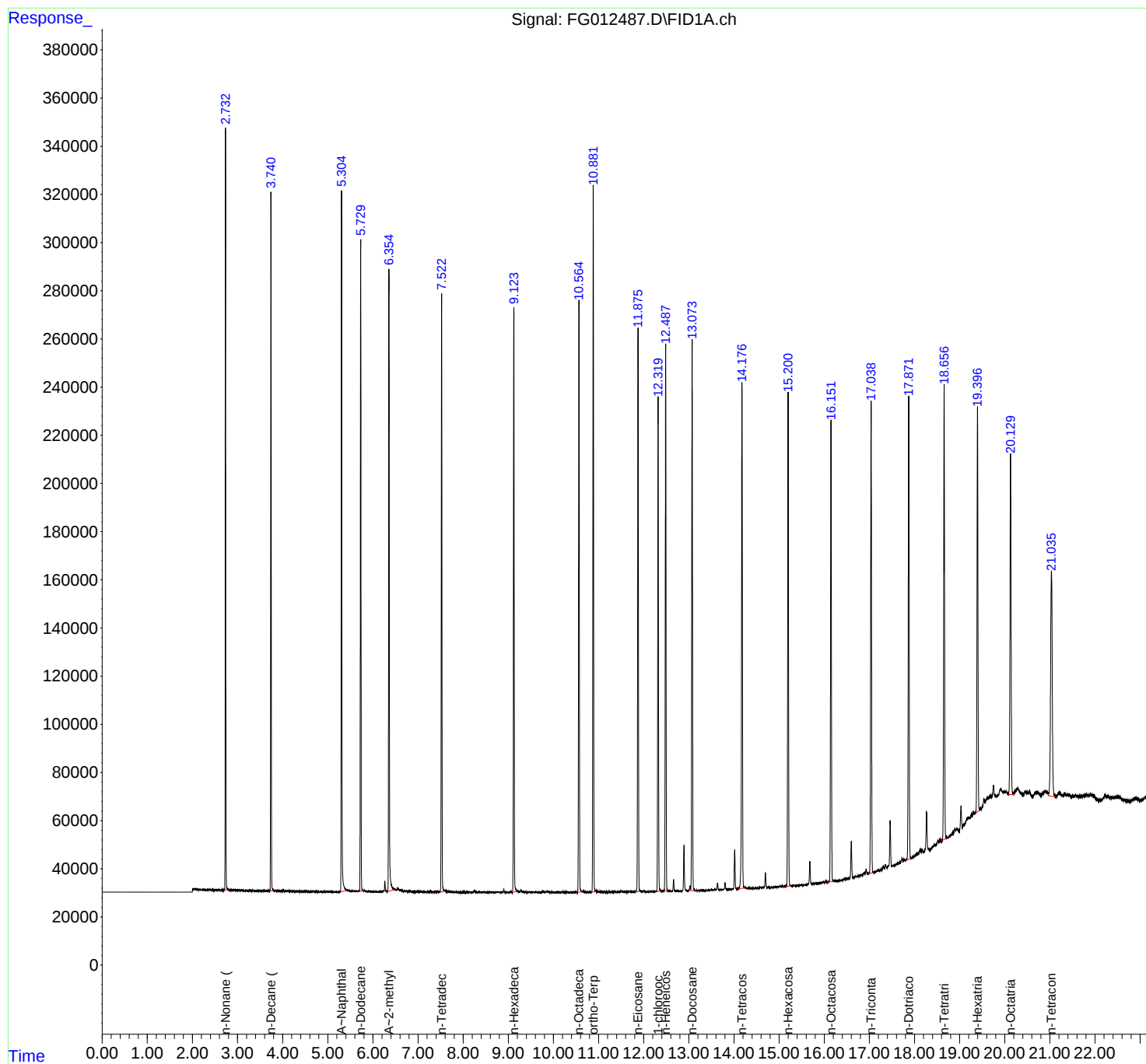
(m)=manual int.

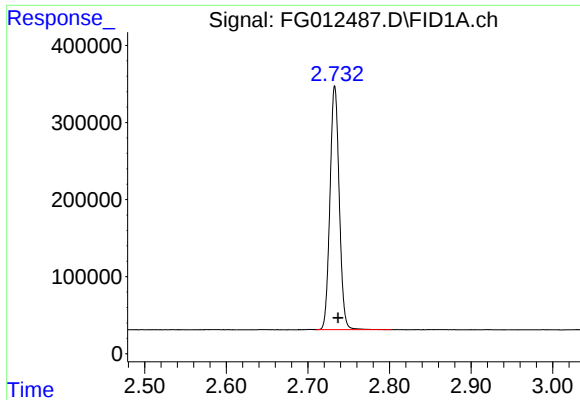
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071923AL\  
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ALS Vial : 11 Sample Multiplier: 1

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Integration File: autoint1.e  
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QLast Update : Sat Jul 15 01:18:50 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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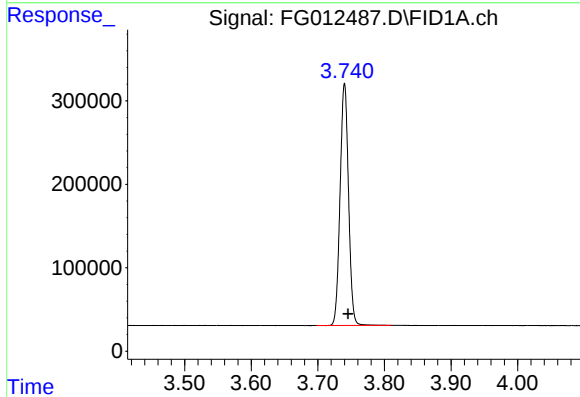




#1 n-Nonane (C9)

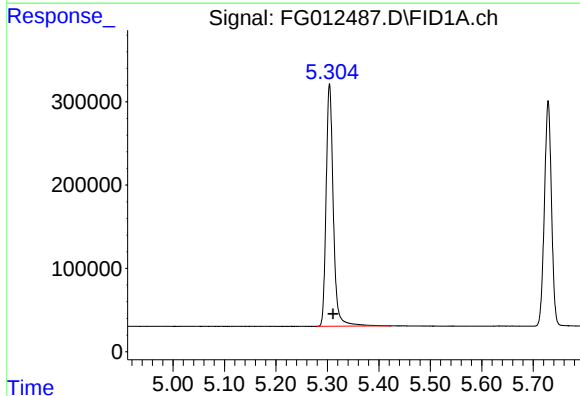
R.T.: 2.733 min  
Delta R.T.: -0.004 min  
Response: 2500529  
Conc: 20.10 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



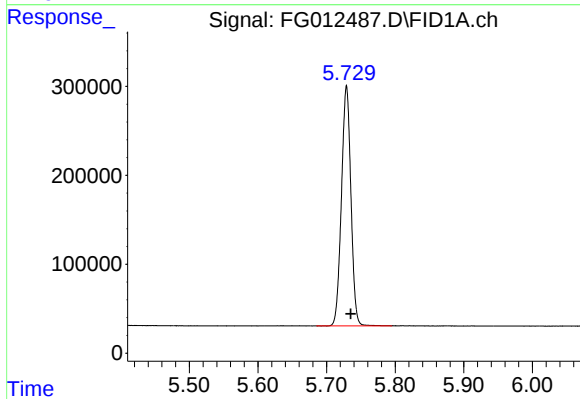
#2 n-Decane (C10)

R.T.: 3.740 min  
Delta R.T.: -0.005 min  
Response: 2554946  
Conc: 20.10 ug/ml



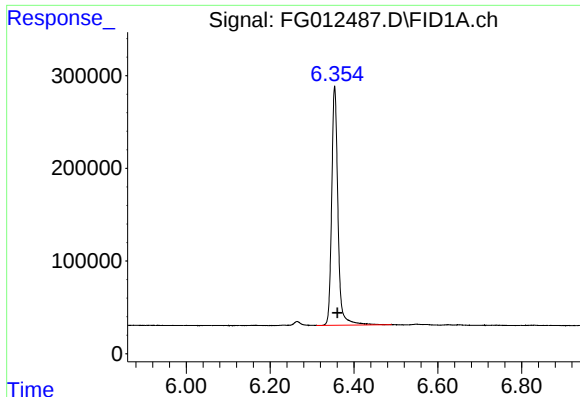
#3 A~Naphthalene (C11.7)

R.T.: 5.304 min  
Delta R.T.: -0.007 min  
Response: 2824041  
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

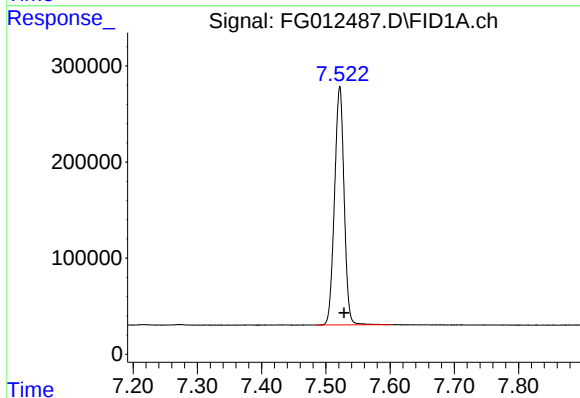
R.T.: 5.729 min  
Delta R.T.: -0.006 min  
Response: 2578177  
Conc: 20.04 ug/ml



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

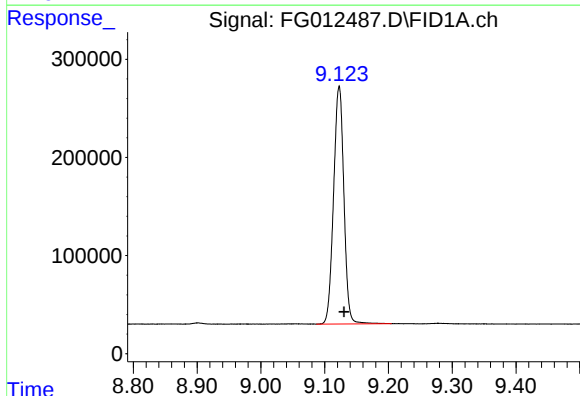
R.T.: 6.354 min  
Delta R.T.: -0.007 min  
Response: 2679318  
Conc: 20.52 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



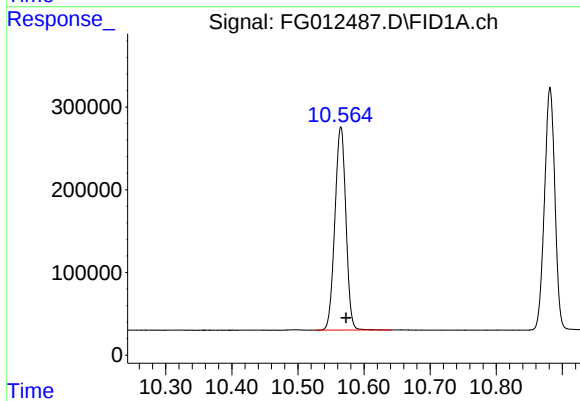
#6 n-Tetradecane (C14)

R.T.: 7.522 min  
Delta R.T.: -0.006 min  
Response: 2571792  
Conc: 20.14 ug/ml



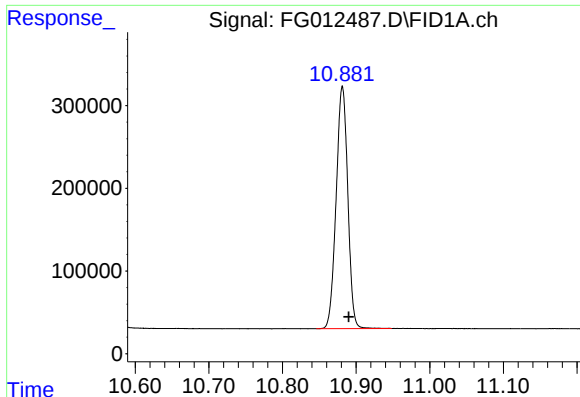
#7 n-Hexadecane (C16)

R.T.: 9.123 min  
Delta R.T.: -0.007 min  
Response: 2723805  
Conc: 20.43 ug/ml



#8 n-Octadecane (C18)

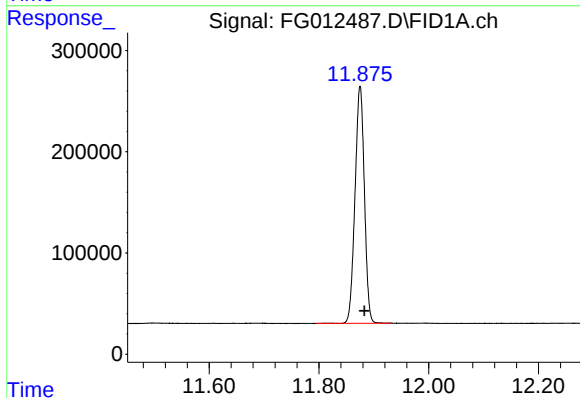
R.T.: 10.565 min  
Delta R.T.: -0.008 min  
Response: 2843264  
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURR)

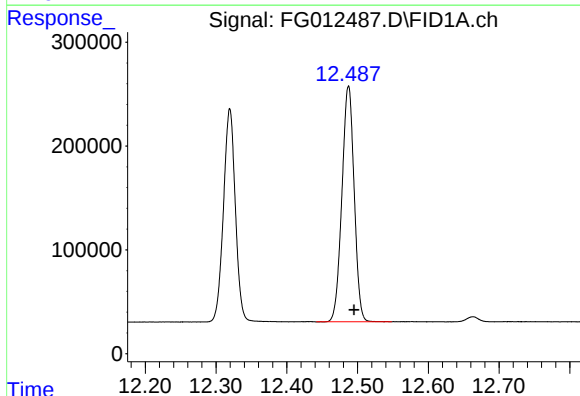
R.T.: 10.881 min  
Delta R.T.: -0.008 min  
Response: 3214479  
Conc: 20.57 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



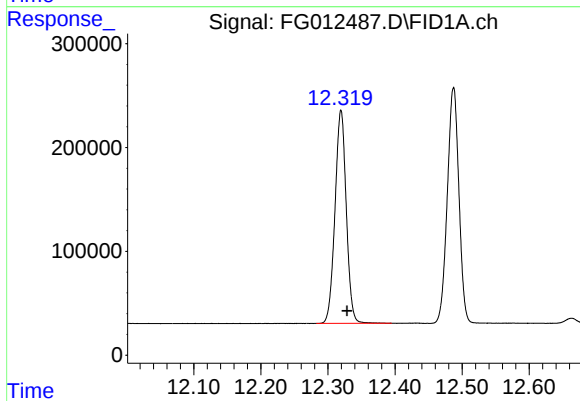
#10 n-Eicosane (C20)

R.T.: 11.875 min  
Delta R.T.: -0.008 min  
Response: 2783467  
Conc: 20.59 ug/ml



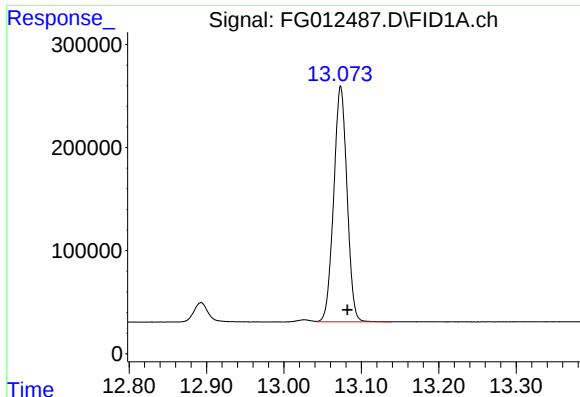
#11 n-Heneicosane (C21)

R.T.: 12.487 min  
Delta R.T.: -0.008 min  
Response: 2729765  
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

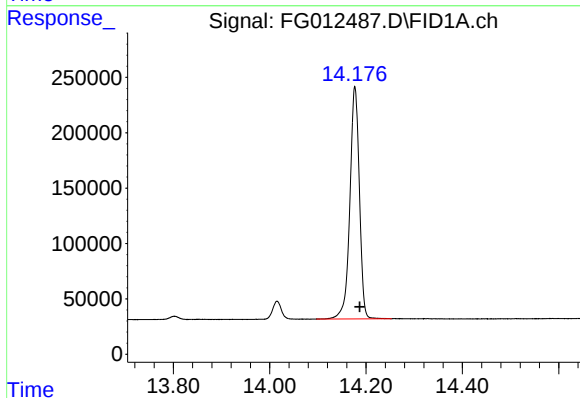
R.T.: 12.320 min  
Delta R.T.: -0.009 min  
Response: 2394752  
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

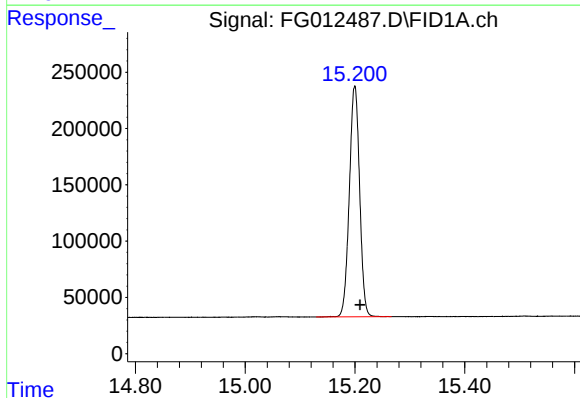
R.T.: 13.073 min  
Delta R.T.: -0.009 min  
Response: 2738892  
Conc: 20.78 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



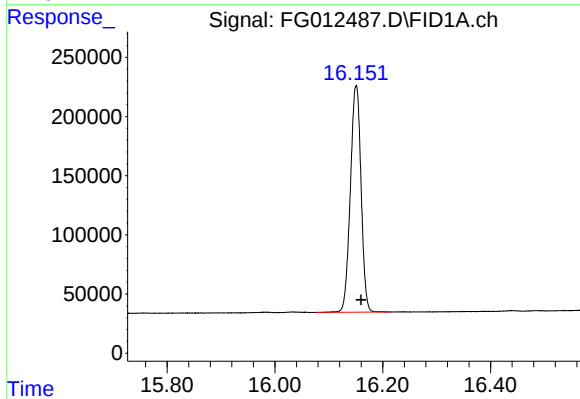
#14 n-Tetracosane (C24)

R.T.: 14.177 min  
Delta R.T.: -0.010 min  
Response: 2888819  
Conc: 20.57 ug/ml



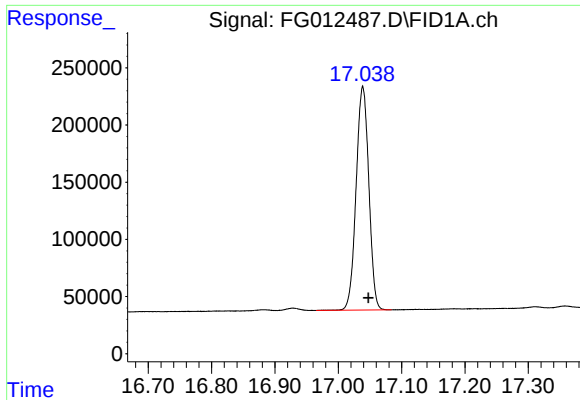
#15 n-Hexacosane (C26)

R.T.: 15.200 min  
Delta R.T.: -0.010 min  
Response: 2671750  
Conc: 21.17 ug/ml



#16 n-Octacosane (C28)

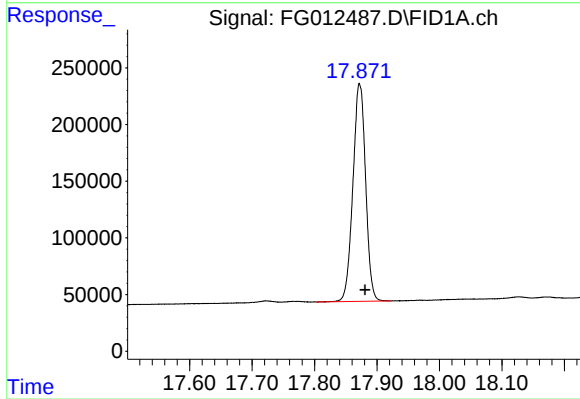
R.T.: 16.151 min  
Delta R.T.: -0.009 min  
Response: 2638512  
Conc: 20.99 ug/ml



#17 n-Tricontane (C30)

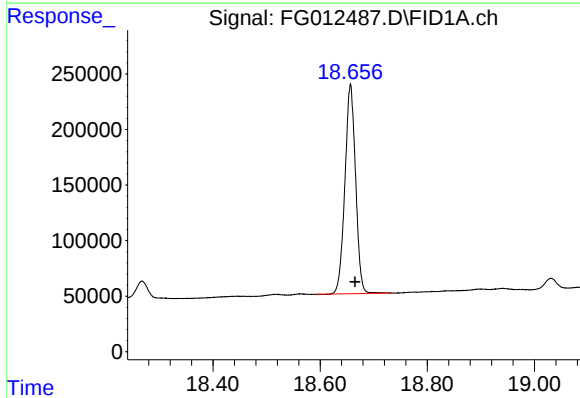
R.T.: 17.039 min  
Delta R.T.: -0.009 min  
Response: 2721875  
Conc: 20.60 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



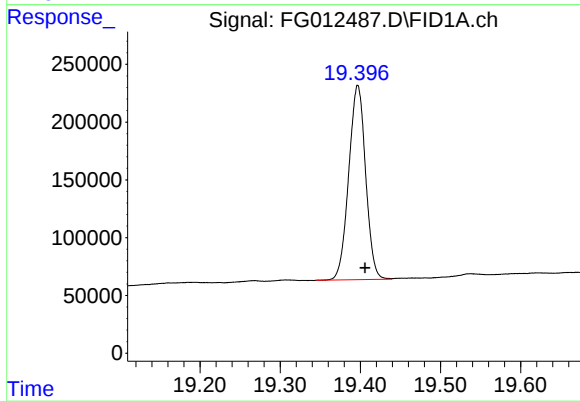
#18 n-Dotriacontane (C32)

R.T.: 17.872 min  
Delta R.T.: -0.009 min  
Response: 2716542  
Conc: 20.42 ug/ml



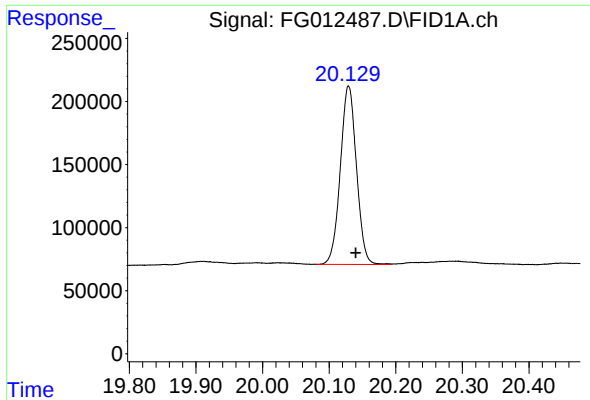
#19 n-Tetratriacontane (C34)

R.T.: 18.657 min  
Delta R.T.: -0.009 min  
Response: 2612097  
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

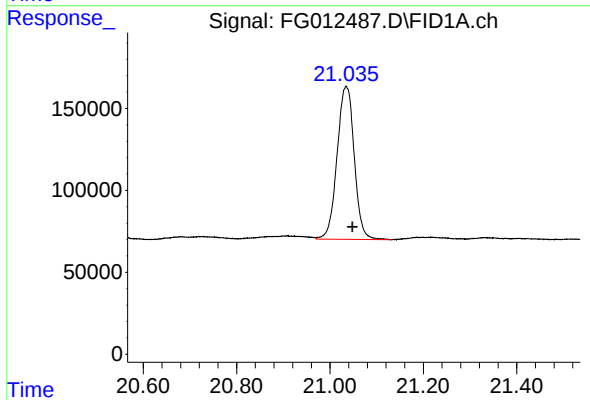
R.T.: 19.397 min  
Delta R.T.: -0.009 min  
Response: 2458602  
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.129 min  
Delta R.T.: -0.011 min  
Response: 2378215  
Conc: 19.91 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.035 min  
Delta R.T.: -0.013 min  
Response: 2381581  
Conc: 20.55 ug/ml