

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032622\  
 Data File : FG009425.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Mar 2022 16:36  
 Operator : AJ\MA  
 Sample : PB143591BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 PB143591BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/28/2022  
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e  
 Quant Time: Mar 26 22:46:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG032522.M  
 Quant Title :  
 QLast Update : Sat Mar 26 00:33:44 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units    |
|-------------------------------|--------|----------|---------------|
| -----                         |        |          |               |
| System Monitoring Compounds   |        |          |               |
| 9) S TETRACOSANE-d50 (SURR... | 14.629 | 2060419  | 14.952 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.236  | 2259214  | 15.709 ug/ml  |
| 2) N-DECANE                   | 4.331  | 2791175  | 19.081 ug/ml  |
| 3) N-DODECANE                 | 6.358  | 2858695  | 19.169 ug/ml  |
| 4) N-TETRADECANE              | 8.158  | 2848910  | 18.659 ug/ml  |
| 5) N-HEXADECANE               | 9.763  | 2786875  | 17.989 ug/ml  |
| 6) N-OCTADECANE               | 11.210 | 2765783  | 17.332 ug/ml  |
| 7) N-EICOSANE                 | 12.523 | 2681559  | 17.176 ug/ml  |
| 8) N-DOCOSANE                 | 13.725 | 2559425  | 16.536 ug/ml  |
| 10) N-TETRACOSANE             | 14.832 | 2488016  | 16.133 ug/ml  |
| 11) N-HEXACOSANE              | 15.858 | 2404919  | 15.840 ug/ml  |
| 12) N-OCTACOSANE              | 16.810 | 2352866  | 15.876 ug/ml  |
| 13) N-TRIACONTANE             | 17.702 | 2334011  | 16.367 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.536 | 2404588  | 18.083 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.323 | 2669463  | 22.846 ug/mlm |
| 16) N-HEXATRIACONTANE         | 20.065 | 2774920  | 28.138 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.805 | 2794493  | 32.236 ug/mlm |
| 18) N-TETRACONTANE            | 21.720 | 2808896  | 33.046 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

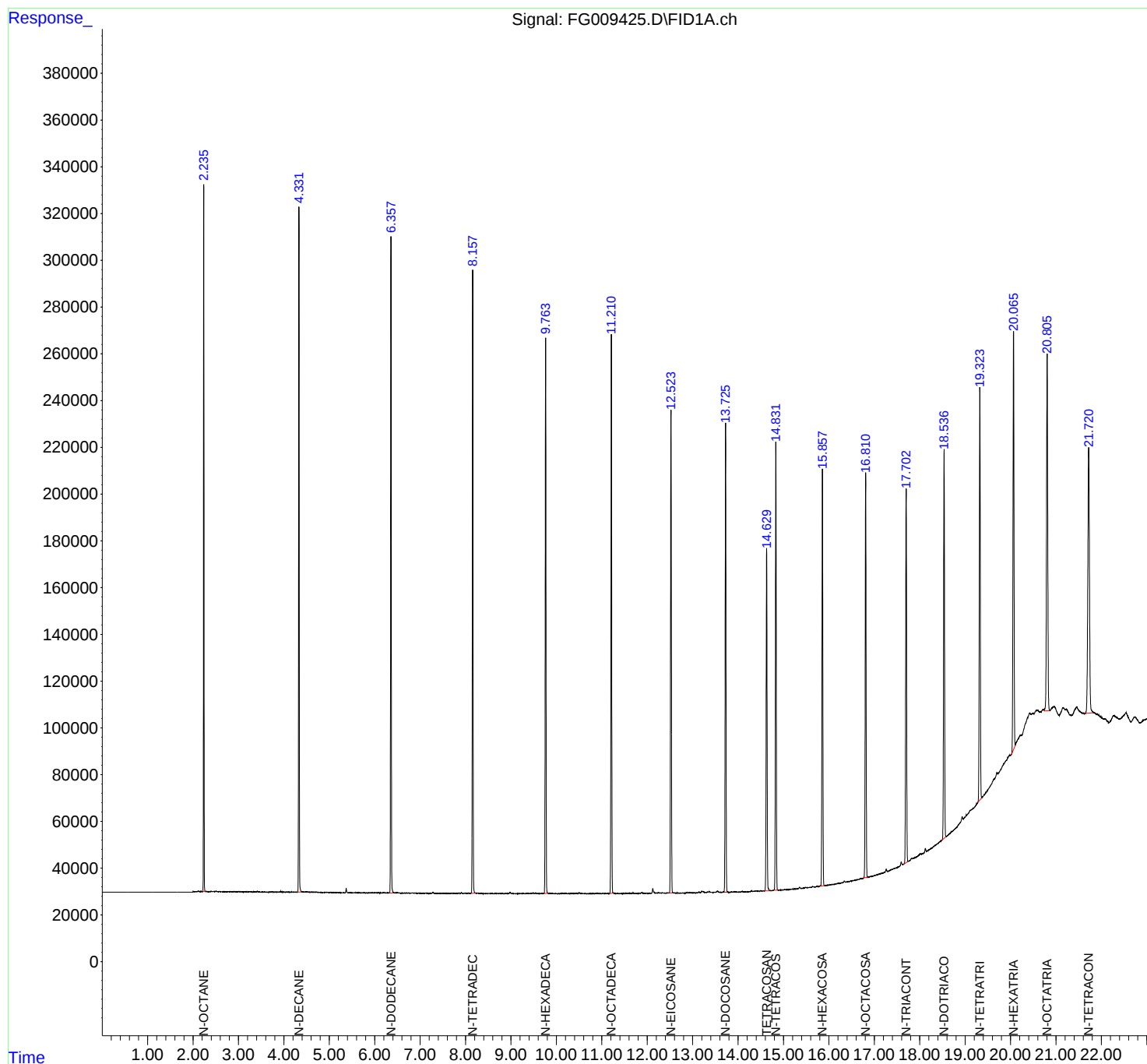
Instrument :  
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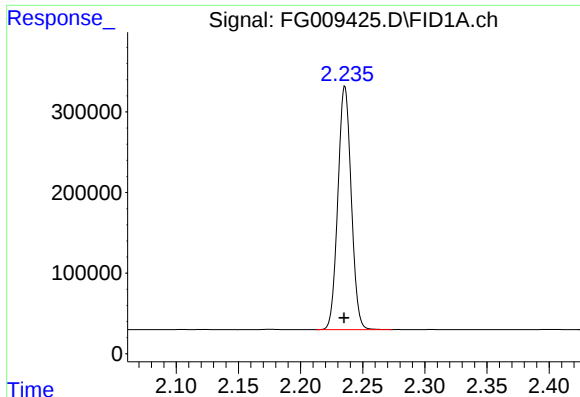
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.236 min  
Delta R.T.: 0.000 min  
Response: 2259214  
Conc: 15.71 ug/ml

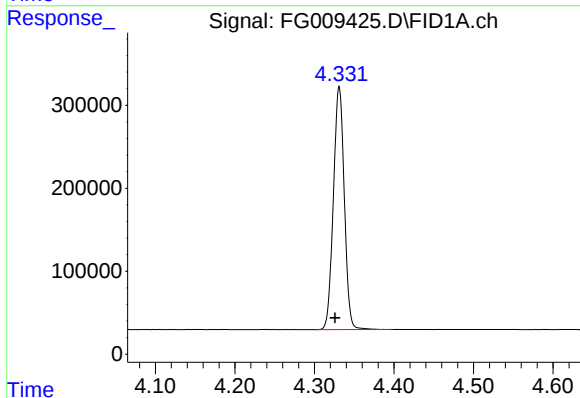
Instrument :

FID\_G

ClientSampleId :  
PB143591BS

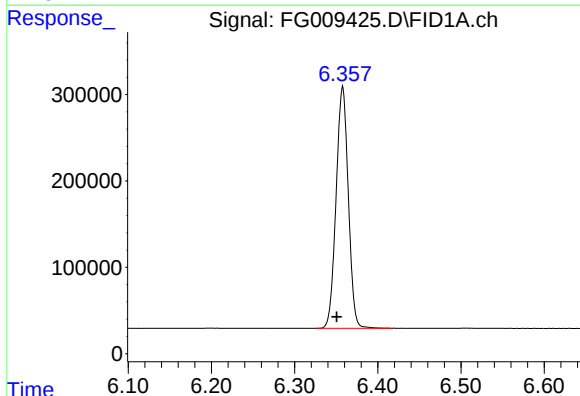
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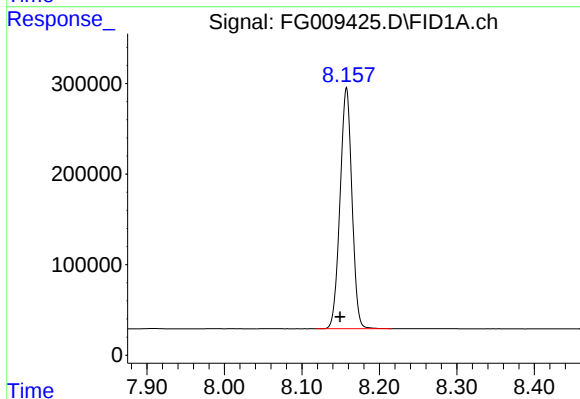
#2 N-DECANE

R.T.: 4.331 min  
Delta R.T.: 0.005 min  
Response: 2791175  
Conc: 19.08 ug/ml



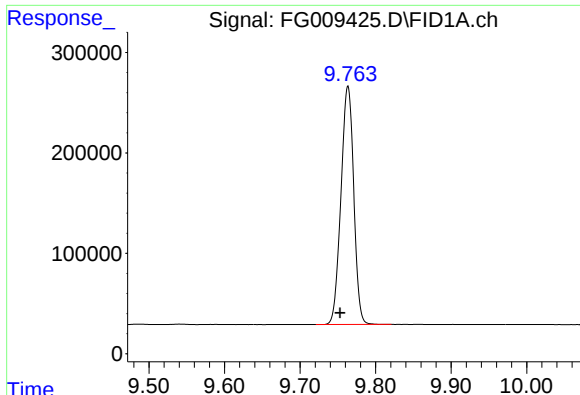
#3 N-DODECANE

R.T.: 6.358 min  
Delta R.T.: 0.007 min  
Response: 2858695  
Conc: 19.17 ug/ml



#4 N-TETRADECANE

R.T.: 8.158 min  
Delta R.T.: 0.008 min  
Response: 2848910  
Conc: 18.66 ug/ml



#5 N-HEXADECANE

R.T.: 9.763 min  
Delta R.T.: 0.010 min  
Response: 2786875  
Conc: 17.99 ug/ml

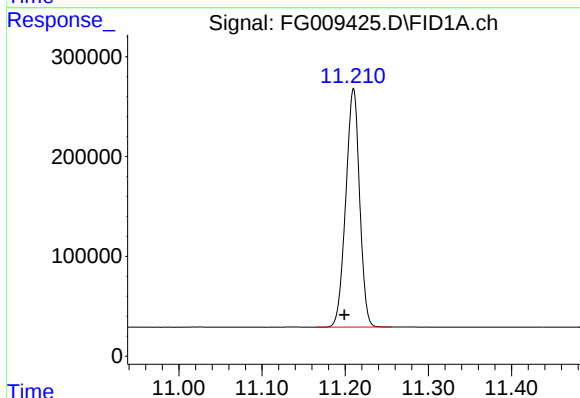
Instrument :

FID\_G

ClientSampleId :  
PB143591BS

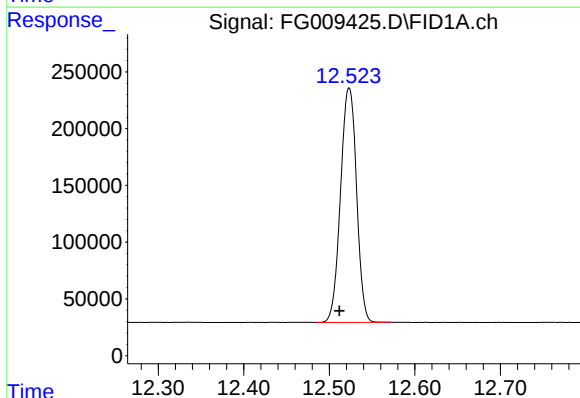
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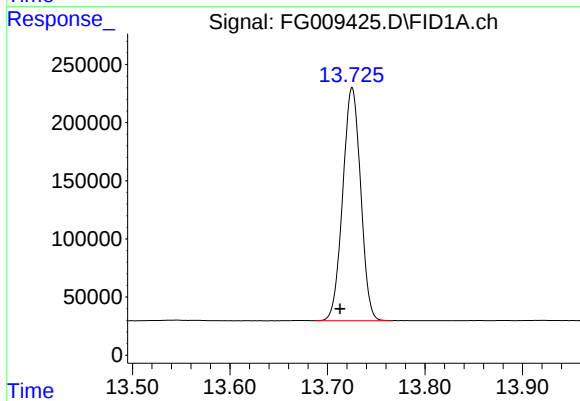
#6 N-OCTADECANE

R.T.: 11.210 min  
Delta R.T.: 0.011 min  
Response: 2765783  
Conc: 17.33 ug/ml



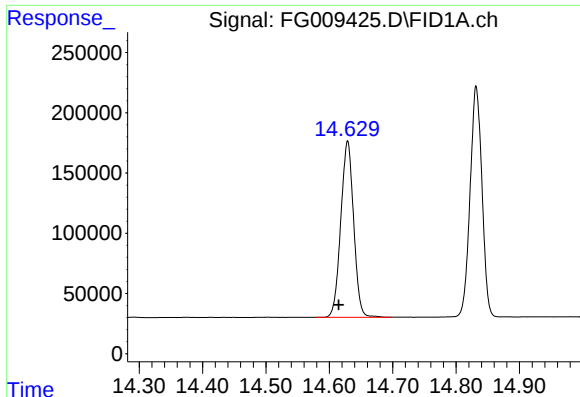
#7 N-EICOSANE

R.T.: 12.523 min  
Delta R.T.: 0.012 min  
Response: 2681559  
Conc: 17.18 ug/ml



#8 N-DOCOSANE

R.T.: 13.725 min  
Delta R.T.: 0.013 min  
Response: 2559425  
Conc: 16.54 ug/ml



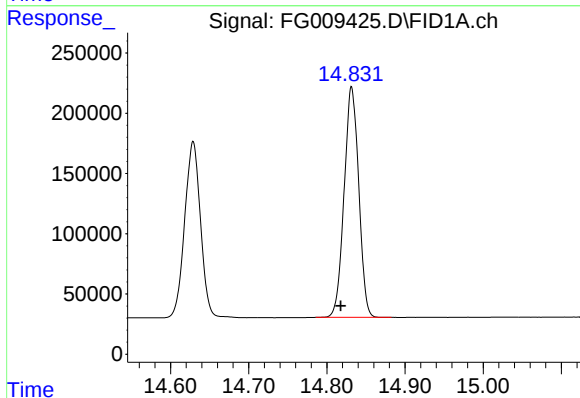
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.629 min  
Delta R.T.: 0.014 min  
Response: 2060419  
Conc: 14.95 ug/ml

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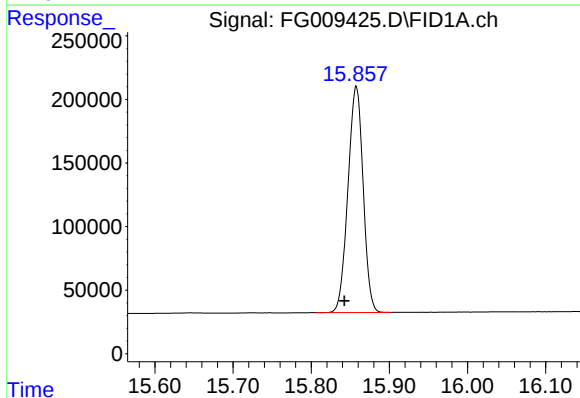
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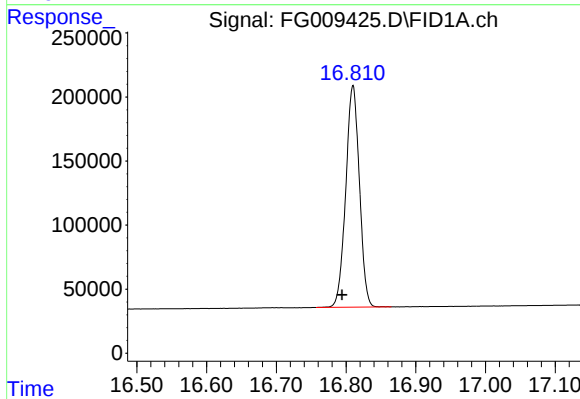
#10 N-TETRACOSANE

R.T.: 14.832 min  
Delta R.T.: 0.014 min  
Response: 2488016  
Conc: 16.13 ug/ml



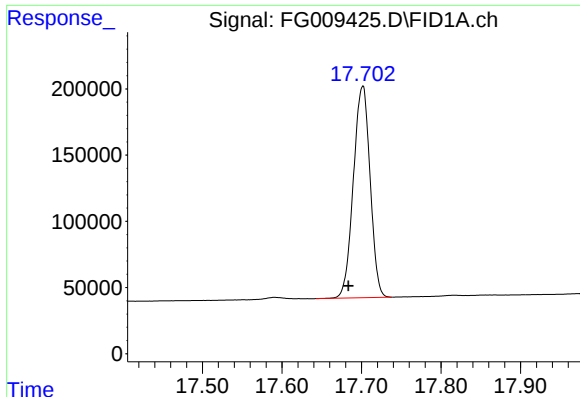
#11 N-HEXACOSANE

R.T.: 15.858 min  
Delta R.T.: 0.015 min  
Response: 2404919  
Conc: 15.84 ug/ml



#12 N-OCTACOSANE

R.T.: 16.810 min  
Delta R.T.: 0.015 min  
Response: 2352866  
Conc: 15.88 ug/ml



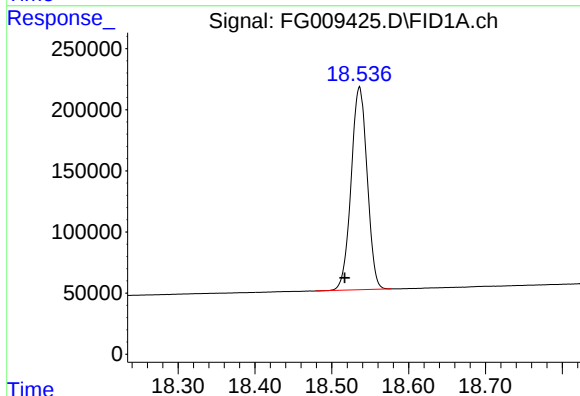
#13 N-TRIACONTANE

R.T.: 17.702 min  
Delta R.T.: 0.018 min  
Response: 2334011  
Conc: 16.37 ug/ml

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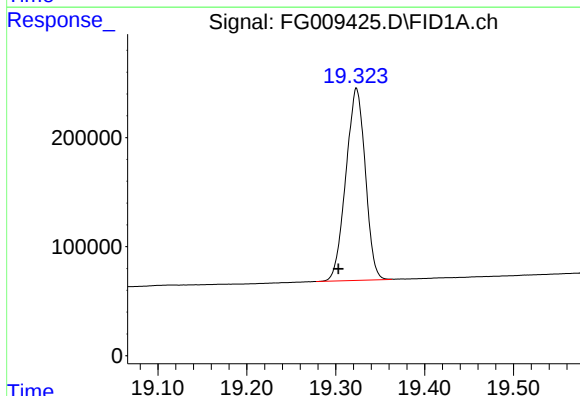
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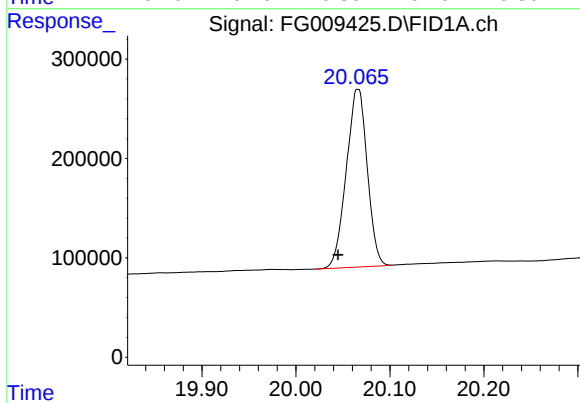
#14 N-DOTRIACONTANE

R.T.: 18.536 min  
Delta R.T.: 0.019 min  
Response: 2404588  
Conc: 18.08 ug/ml



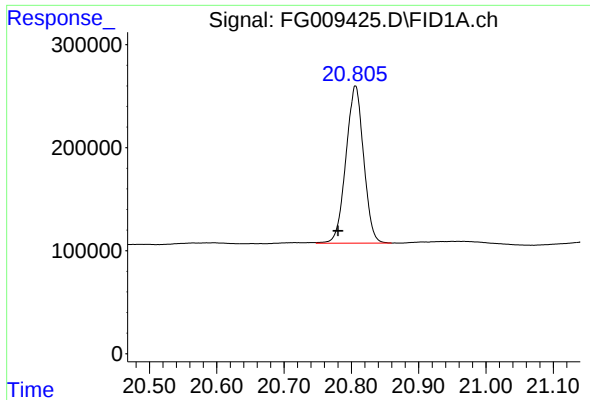
#15 N-TETRATRIACONTANE

R.T.: 19.323 min  
Delta R.T.: 0.020 min  
Response: 2669463  
Conc: 22.85 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.065 min  
Delta R.T.: 0.020 min  
Response: 2774920  
Conc: 28.14 ug/ml m



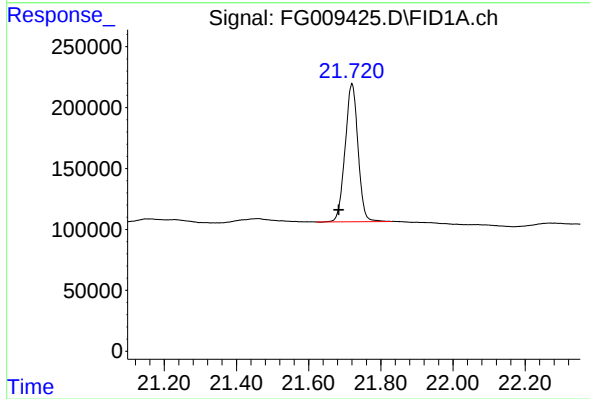
#17 N-OCTATRIACONTANE

R.T.: 20.805 min  
Delta R.T.: 0.025 min  
Response: 2794493  
Conc: 32.24 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.720 min  
Delta R.T.: 0.037 min  
Response: 2808896  
Conc: 33.05 ug/ml