Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030221\
Data File : FE033322.D
Signal(s) : FID1B.CH
Acq On : 02 Mar 2021 13:59
Operator : DD\AJ
Sample : PB134864BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** FID_E
**ClientSampleId :**

Integration File: autoint1.e
Quant Time: Mar 03 02:10:13 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE022221.M
Quant Title :
QLast Update : Tue Feb 23 10:21:19 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 14.563 | 6825266 | 19.871 ug/ml |
| | Target Compounds | | | |
| 1) | N-OCTANE | 2.292 | 7434144 | 21.029 ug/ml |
| 2) | N-DECANE | 4.314 | 7430561 | 22.355 ug/ml |
| 3) | N-DODECANE | 6.320 | 7531376 | 22.066 ug/ml |
| 4) | N-TETRADECANE | 8.112 | 7761076 | 21.307 ug/ml |
| 5) | N-HEXADECANE | 9.712 | 7759656 | 21.139 ug/ml |
| 6) | N-OCTADECANE | 11.154 | 7884375 | 20.852 ug/ml |
| 7) | N-EICOSANE | 12.464 | 7848992 | 20.530 ug/ml |
| 8) | N-DOCOSANE | 13.663 | 7804526 | 20.167 ug/ml |
| 10) | N-TETRACOSANE | 14.767 | 7775050 | 19.958 ug/ml |
| 11) | N-HEXACOSANE | 15.788 | 7617615 | 19.635 ug/ml |
| 12) | N-OCTACOSANE | 16.739 | 7542630 | 19.246 ug/ml |
| 13) | N-TRIACONTANE | 17.629 | 7400581 | 18.717 ug/ml |
| 14) | N-DOTRIACONTANE | 18.464 | 7215914 | 18.229 ug/ml |
| 15) | N-TETRATRIACONTANE | 19.249 | 7023206 | 18.065 ug/ml |
| 16) | N-HEXATRIACONTANE | 19.989 | 6676671 | 17.885 ug/ml |
| 17) | N-OCTATRIACONTANE | 20.716 | 6376235 | 17.976 ug/ml |
| 18) | N-TETRACONTANE | 21.591 | 6523756 | 18.090 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

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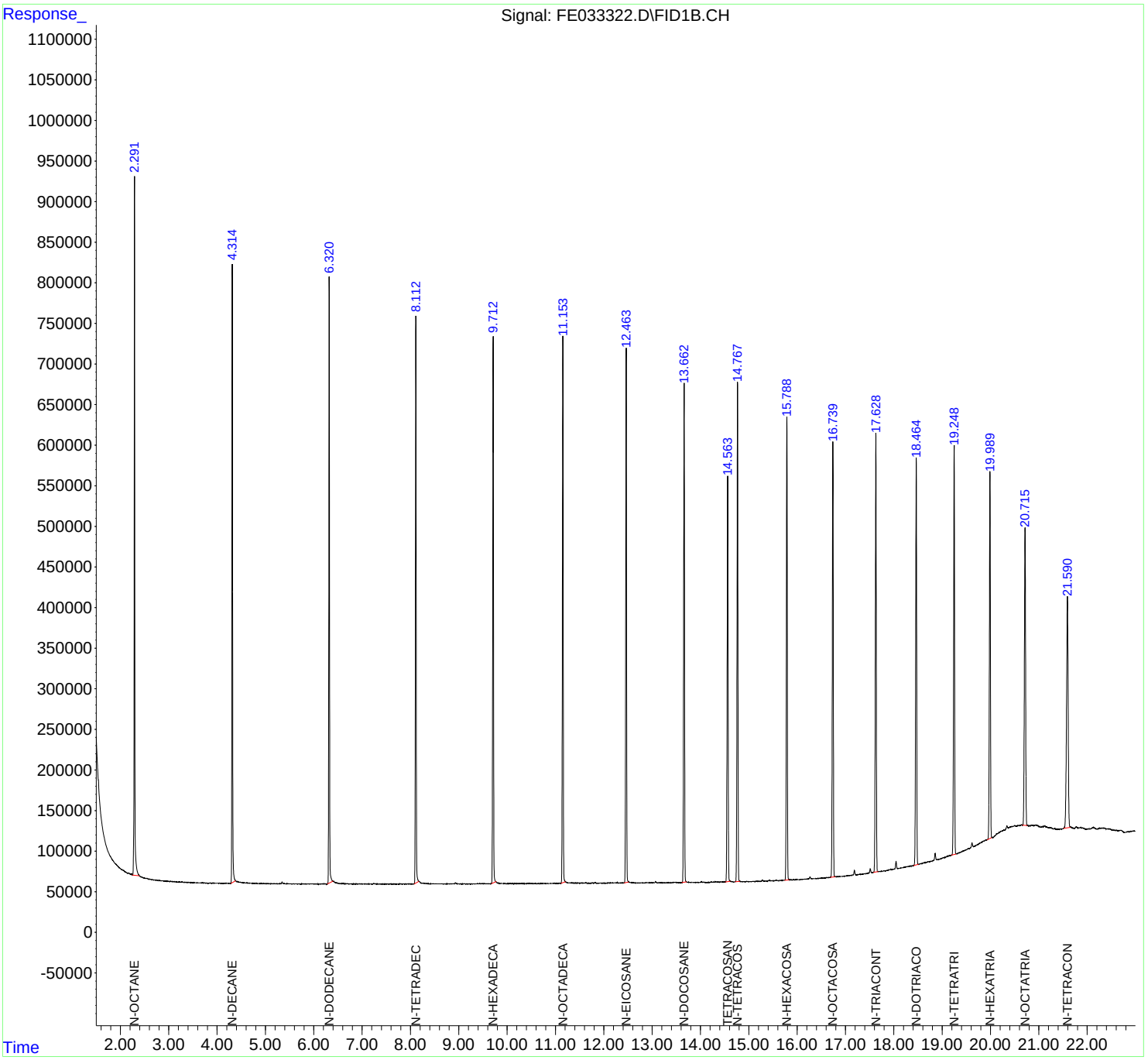
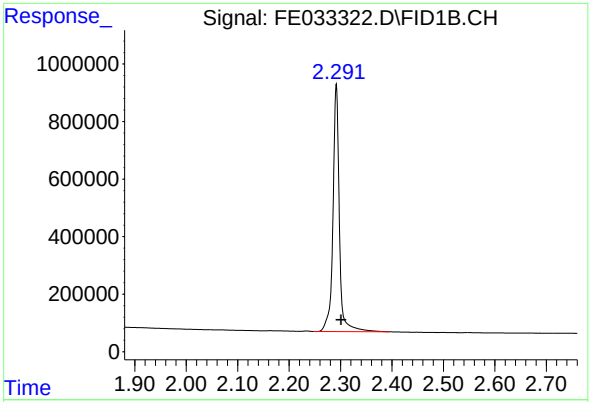
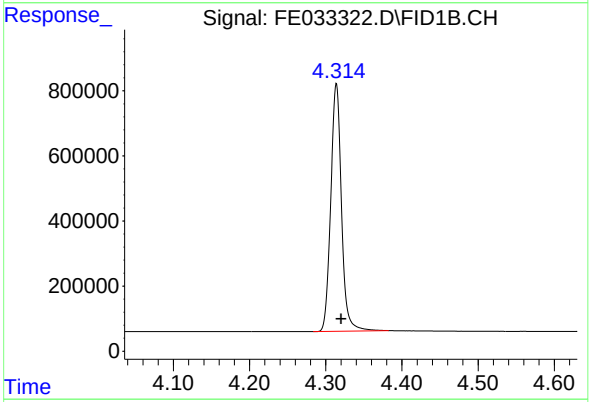





#1 N-OCTANE

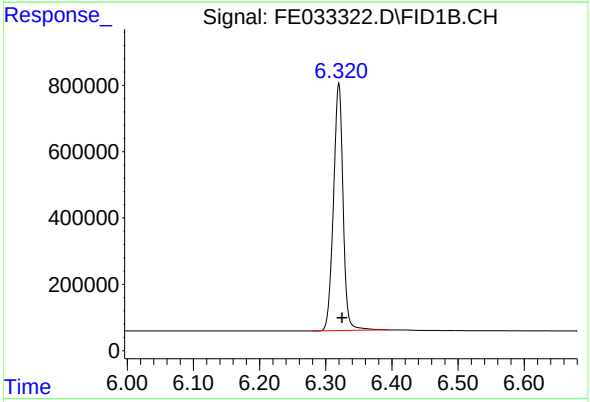
R.T.: 2.292 min
Delta R.T.: -0.009 min
Response: 7434144
Conc: 21.03 ug/ml

**Instrument :**
FID_E
**ClientSampleId :**



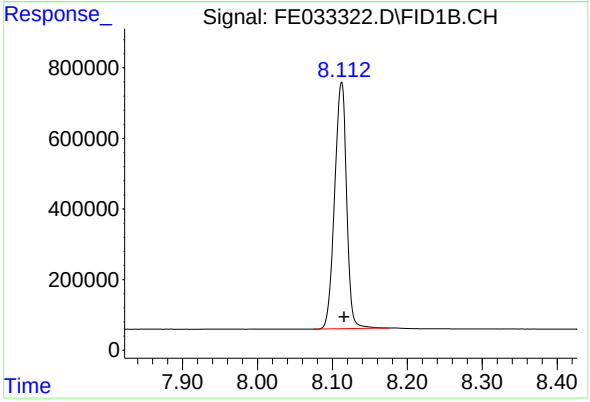

#2 N-DECANE

R.T.: 4.314 min
Delta R.T.: -0.006 min
Response: 7430561
Conc: 22.36 ug/ml



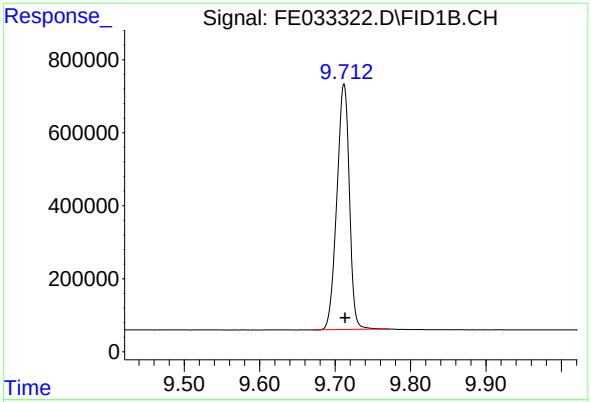

#3 N-DODECANE

R.T.: 6.320 min
Delta R.T.: -0.005 min
Response: 7531376
Conc: 22.07 ug/ml




#4 N-TETRADECANE

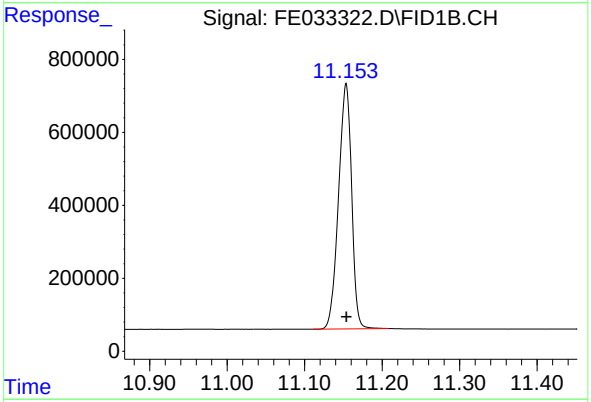
R.T.: 8.112 min
Delta R.T.: -0.003 min
Response: 7761076
Conc: 21.31 ug/ml




#5 N-HEXADECANE

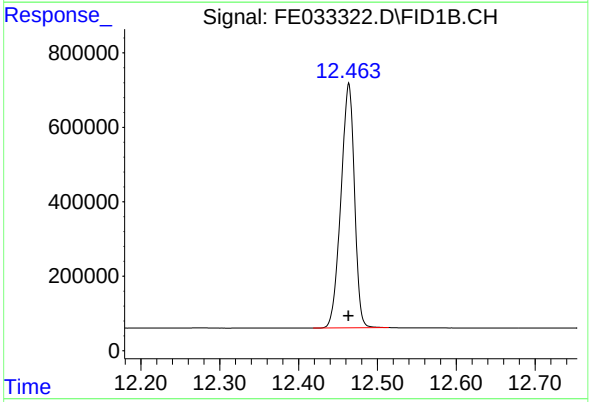
R.T.: 9.712 min
Delta R.T.: -0.001 min
Response: 7759656
Conc: 21.14 ug/ml

**Instrument :**
FID_E
**ClientSampleId :**



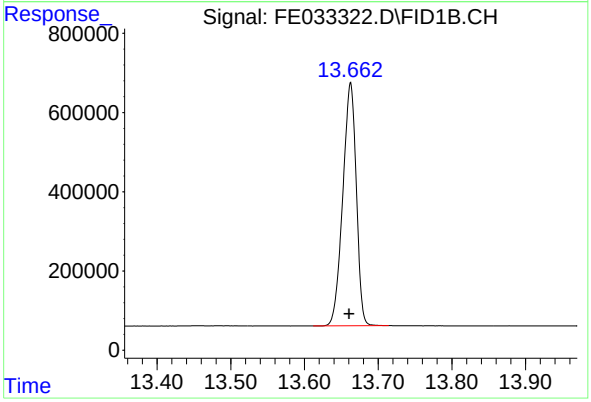

#6 N-OCTADECANE

R.T.: 11.154 min
Delta R.T.: 0.000 min
Response: 7884375
Conc: 20.85 ug/ml



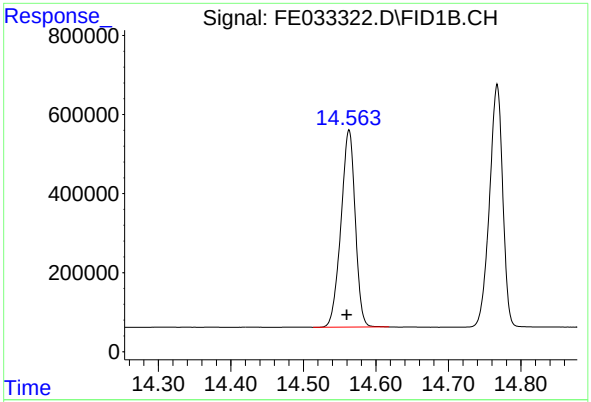

#7 N-EICOSANE

R.T.: 12.464 min
Delta R.T.: 0.000 min
Response: 7848992
Conc: 20.53 ug/ml




#8 N-DOCOSANE

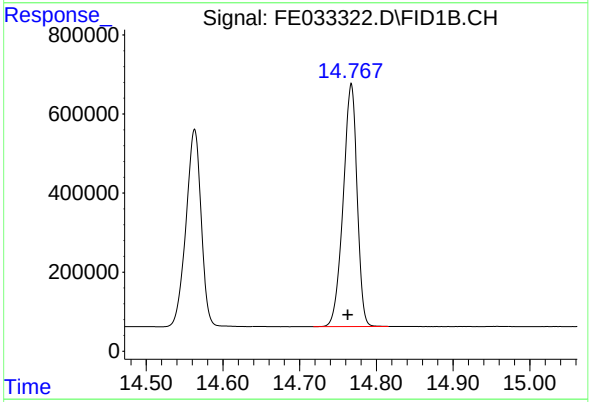
R.T.: 13.663 min
Delta R.T.: 0.002 min
Response: 7804526
Conc: 20.17 ug/ml




#9 TETRACOSANE-d50 (SURROGATE)

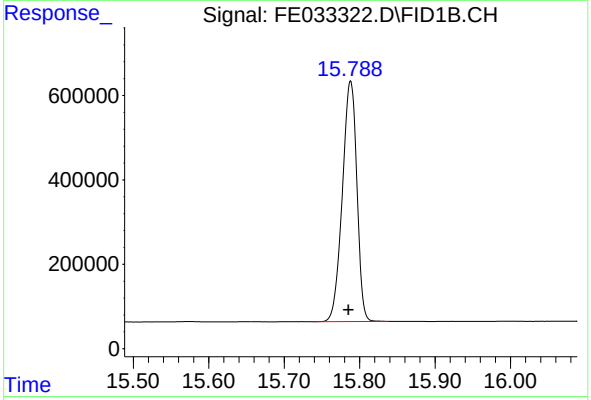
R.T.: 14.563 min
Delta R.T.: 0.003 min
Response: 6825266
Conc: 19.87 ug/ml

**Instrument :**
FID_E
**ClientSampleId :**



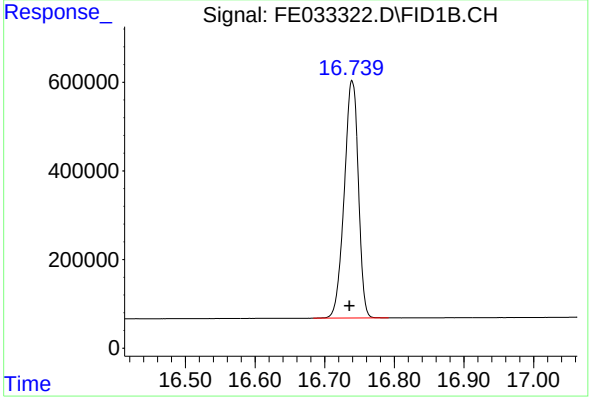

#10 N-TETRACOSANE

R.T.: 14.767 min
Delta R.T.: 0.005 min
Response: 7775050
Conc: 19.96 ug/ml



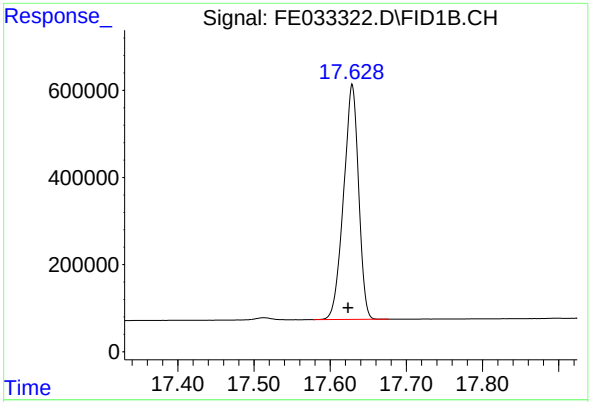

#11 N-HEXACOSANE

R.T.: 15.788 min
Delta R.T.: 0.003 min
Response: 7617615
Conc: 19.64 ug/ml




#12 N-OCTACOSANE

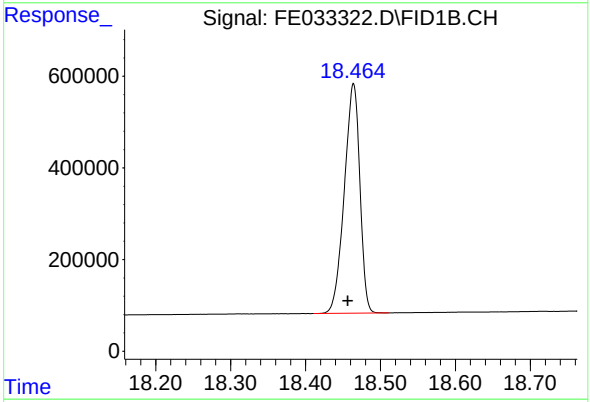
R.T.: 16.739 min
Delta R.T.: 0.004 min
Response: 7542630
Conc: 19.25 ug/ml




#13 N-TRIACONTANE

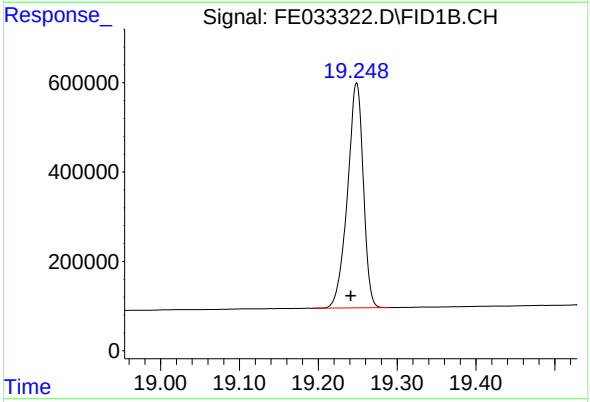
R.T.: 17.629 min
Delta R.T.: 0.005 min
Response: 7400581
Conc: 18.72 ug/ml

**Instrument :**
FID_E
**ClientSampleId :**



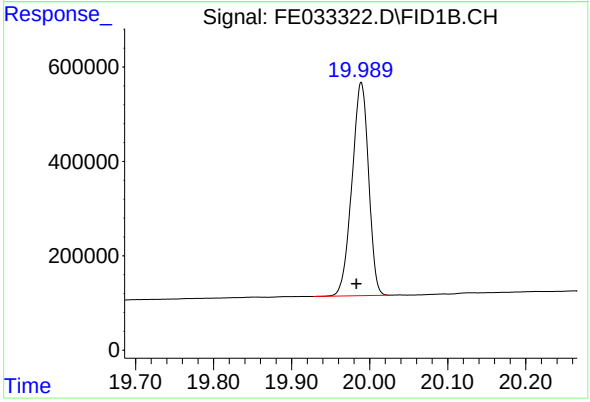

#14 N-DOTRIACONTANE

R.T.: 18.464 min
Delta R.T.: 0.008 min
Response: 7215914
Conc: 18.23 ug/ml



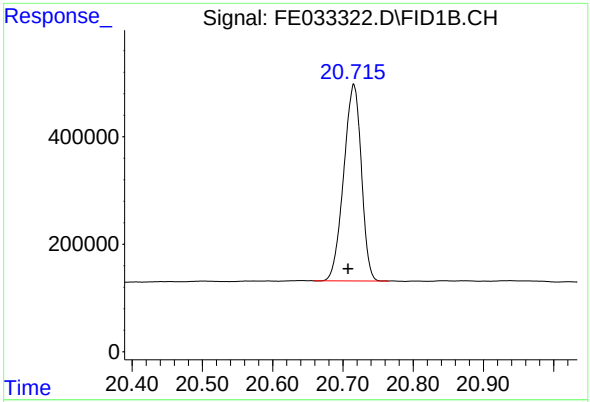

#15 N-TETRATRIACONTANE

R.T.: 19.249 min
Delta R.T.: 0.007 min
Response: 7023206
Conc: 18.07 ug/ml




#16 N-HEXATRIACONTANE

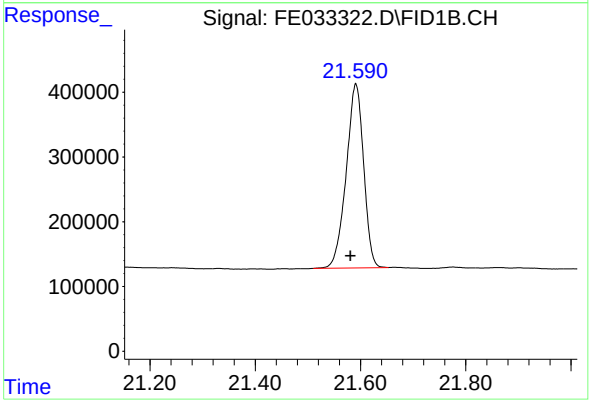
R.T.: 19.989 min
Delta R.T.: 0.006 min
Response: 6676671
Conc: 17.89 ug/ml




#17 N-OCTATRIACONTANE

R.T.: 20.716 min
Delta R.T.: 0.008 min
Response: 6376235
Conc: 17.98 ug/ml

**Instrument :**
FID_E
**ClientSampleId :**




#18 N-TETRACONTANE

R.T.: 21.591 min
Delta R.T.: 0.010 min
Response: 6523756
Conc: 18.09 ug/ml