Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080922\
Data File : FF011207.D
Signal(s) : FID2B.ch
Acq On : 09 Aug 2022 19:18
Operator : YP\AJ
Sample : N4068-01MS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 10 01:16:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072822.M
Quant Title :
QLast Update : Thu Jul 28 14:46:22 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... | 14.802 | 2703194 | 24.871 ug/ml |
| | Target Compounds | | | |
| 1) | N-OCTANE | 1.852 | 1665335 | 13.536 ug/ml |
| 2) | N-DECANE | 4.359 | 2062886 | 16.560 ug/ml |
| 3) | N-DODECANE | 6.529 | 1996016 | 15.856 ug/ml |
| 4) | N-TETRADECANE | 8.353 | 2036161 | 16.218 ug/ml |
| 5) | N-HEXADECANE | 9.957 | 2485101 | 19.426 ug/ml |
| 6) | N-OCTADECANE | 11.399 | 2253161 | 17.494 ug/ml |
| 7) | N-EICOSANE | 12.707 | 2825388 | 22.100 ug/ml |
| 8) | N-DOCOSANE | 13.906 | 4211501 | 33.764 ug/ml |
| 10) | N-TETRACOSANE | 15.006 | 2334992 | 18.769 ug/ml |
| 11) | N-HEXACOSANE | 16.026 | 2334177 | 19.076 ug/ml |
| 12) | N-OCTACOSANE | 16.971 | 3472427 | 28.765 ug/ml |
| 13) | N-TRIACONTANE | 17.860 | 2226960 | 18.641 ug/mlm |
| 14) | N-DOTRIACONTANE | 18.691 | 2827552 | 23.937 ug/ml |
| 15) | N-TETRATRIACONTANE | 19.474 | 1650411 | 14.791 ug/mlm |
| 16) | N-HEXATRIACONTANE | 20.212 | 1288073 | 12.668 ug/mlm |
| 17) | N-OCTATRIACONTANE | 20.919 | 1716159 | 17.150 ug/mlm |
| 18) | N-TETRACONTANE | 21.737 | 2490471 | 22.726 ug/mlm |

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

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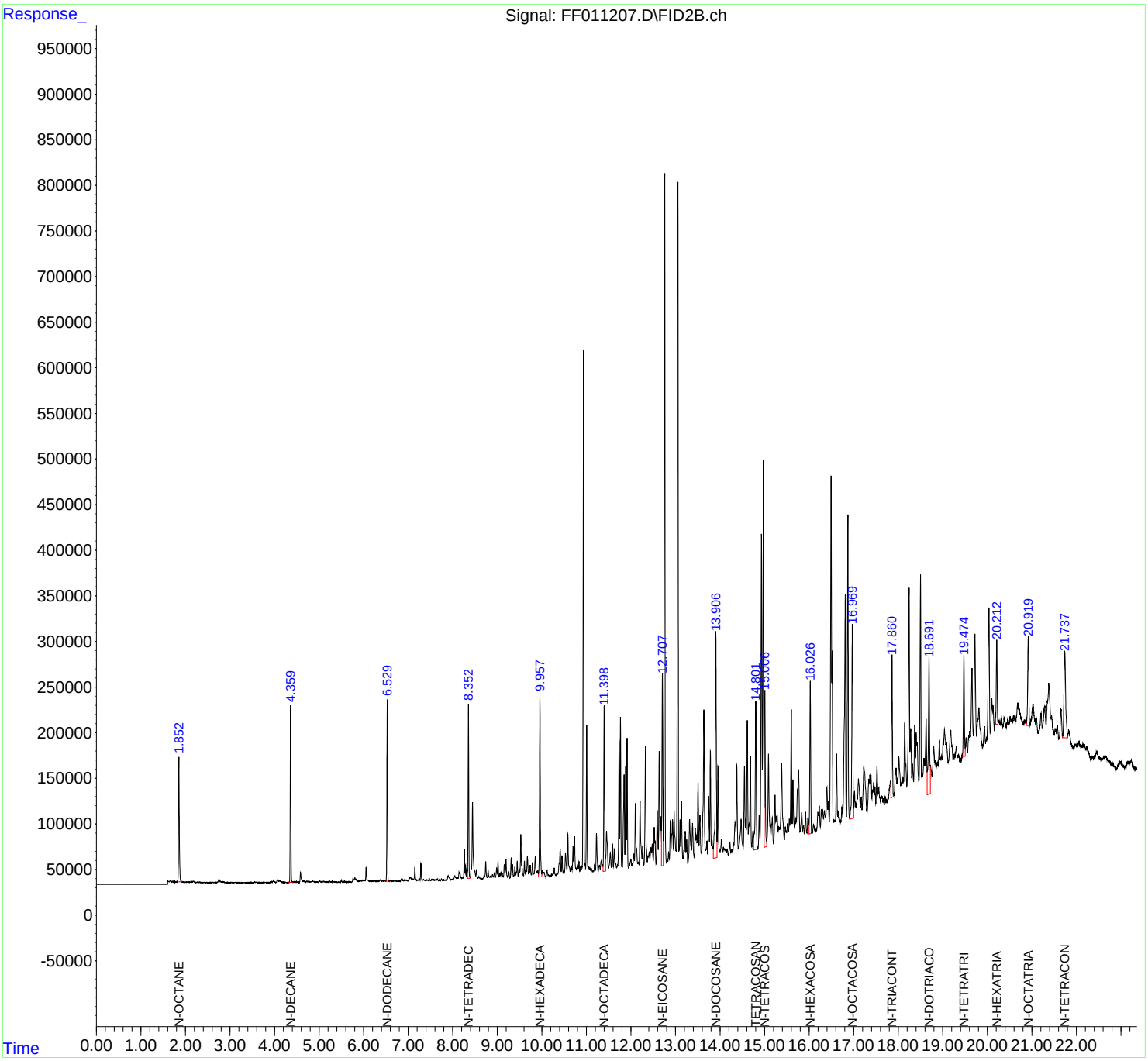
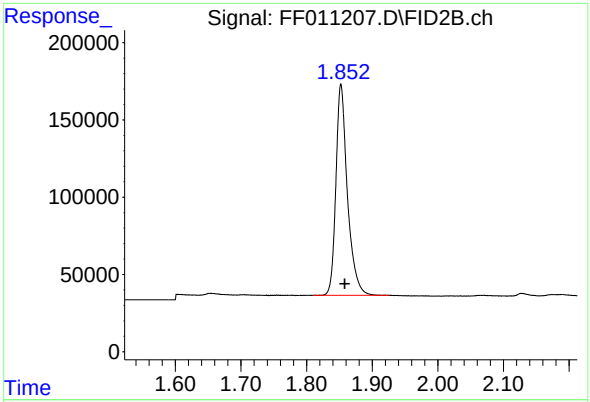
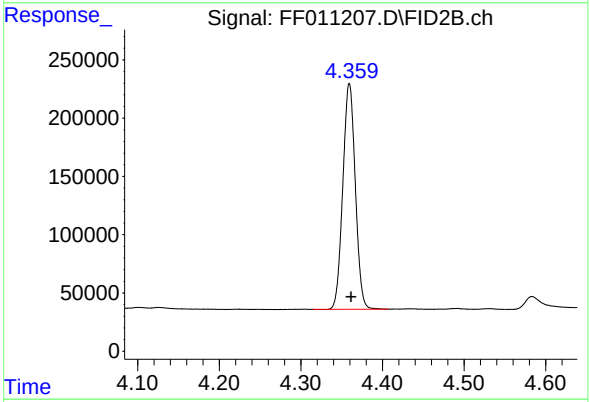
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





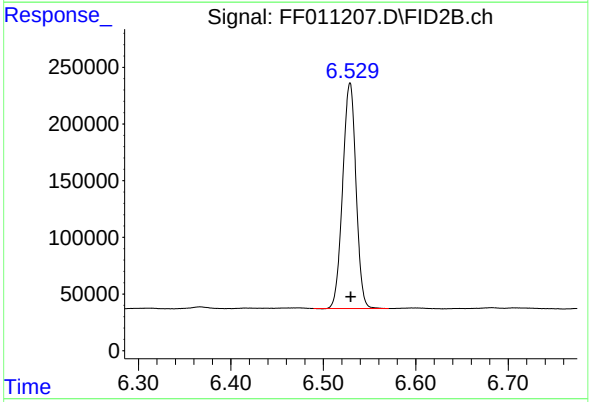

#1 N-OCTANE

R.T.: 1.852 min
Delta R.T.: -0.006 min
Response: 1665335
Conc: 13.54 ug/ml



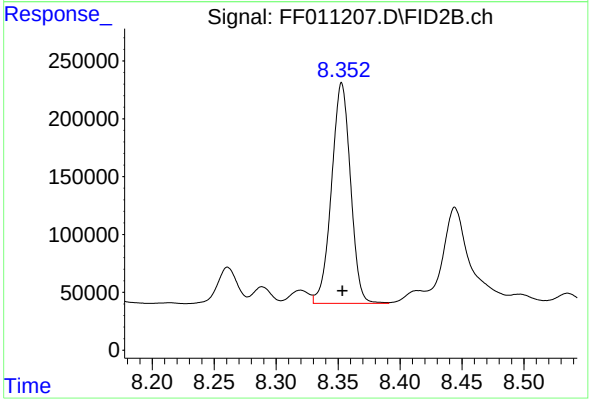

#2 N-DECANE

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2062886
Conc: 16.56 ug/ml



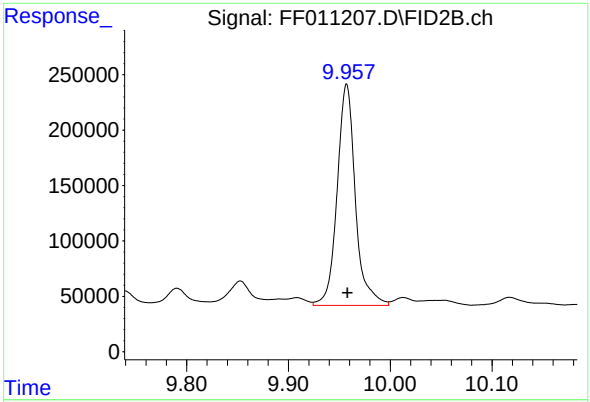

#3 N-DODECANE

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 1996016
Conc: 15.86 ug/ml



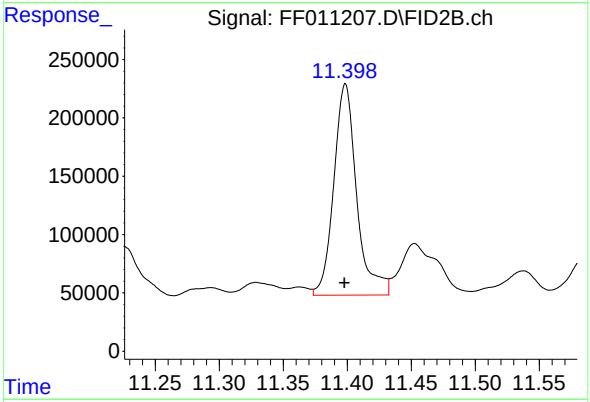

#4 N-TETRADECANE

R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 2036161
Conc: 16.22 ug/ml



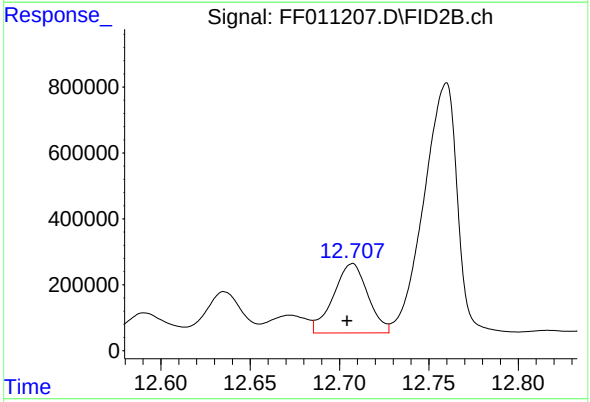

#5 N-HEXADECANE

R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 2485101
Conc: 19.43 ug/ml



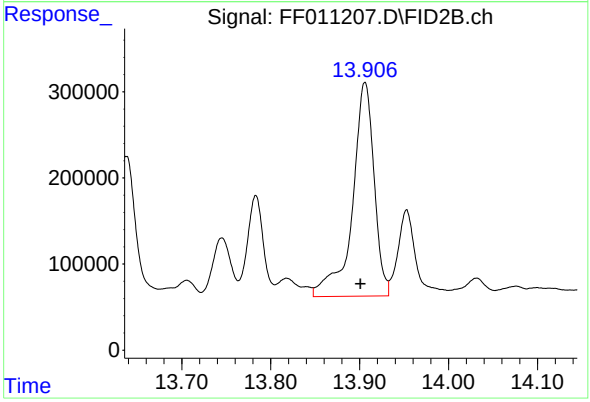

#6 N-OCTADECANE

R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 2253161
Conc: 17.49 ug/ml



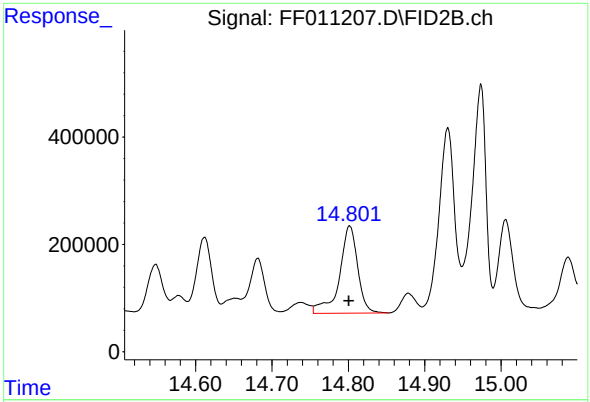

#7 N-EICOSANE

R.T.: 12.707 min
Delta R.T.: 0.003 min
Response: 2825388
Conc: 22.10 ug/ml



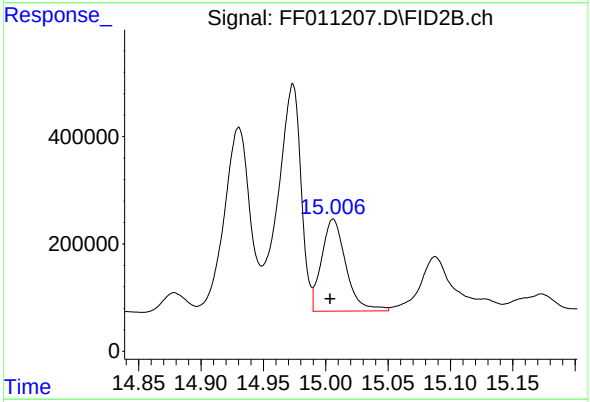

#8 N-DOCOSANE

R.T.: 13.906 min
Delta R.T.: 0.005 min
Response: 4211501
Conc: 33.76 ug/ml



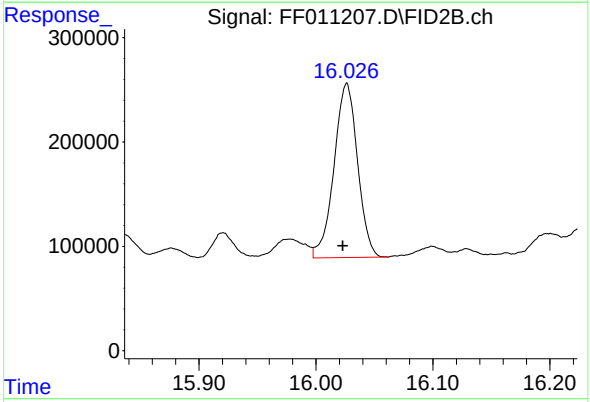

#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.802 min
Delta R.T.: 0.001 min
Response: 2703194
Conc: 24.87 ug/ml



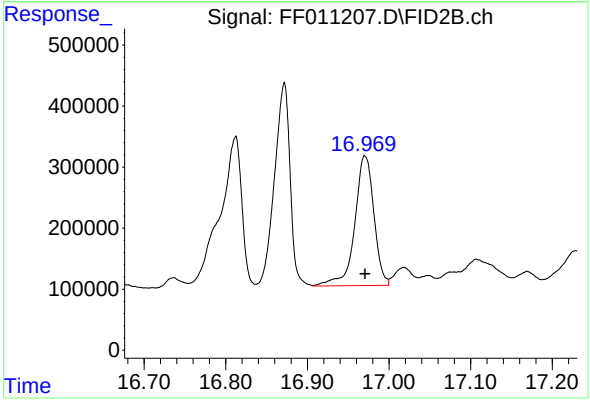

#10 N-TETRACOSANE

R.T.: 15.006 min
Delta R.T.: 0.003 min
Response: 2334992
Conc: 18.77 ug/ml



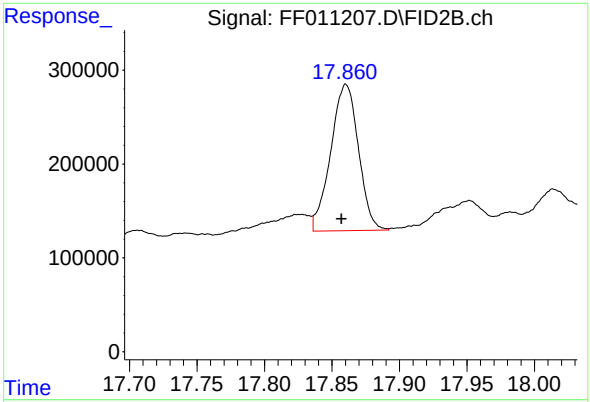

#11 N-HEXACOSANE

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 2334177
Conc: 19.08 ug/ml



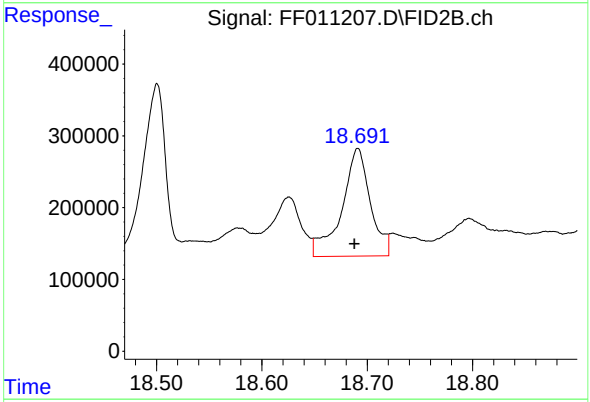

#12 N-OCTACOSANE

R.T.: 16.971 min
Delta R.T.: 0.000 min
Response: 3472427
Conc: 28.77 ug/ml



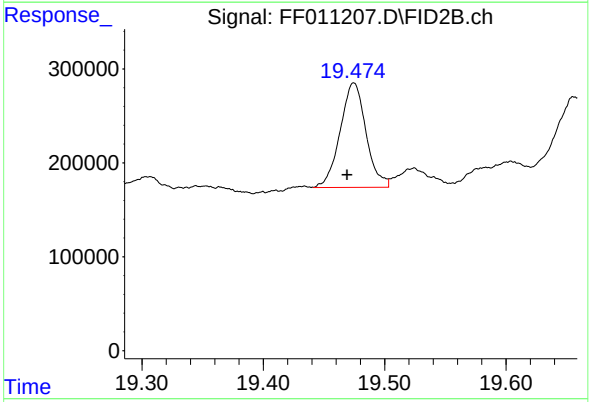

#13 N-TRIACONTANE

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 2226960
Conc: 18.64 ug/ml m



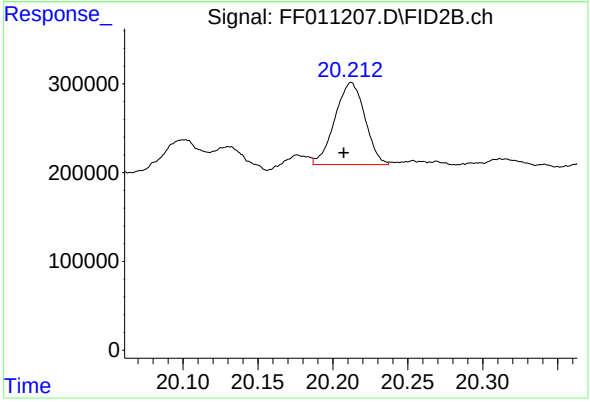

#14 N-DOTRIACONTANE

R.T.: 18.691 min
Delta R.T.: 0.004 min
Response: 2827552
Conc: 23.94 ug/ml



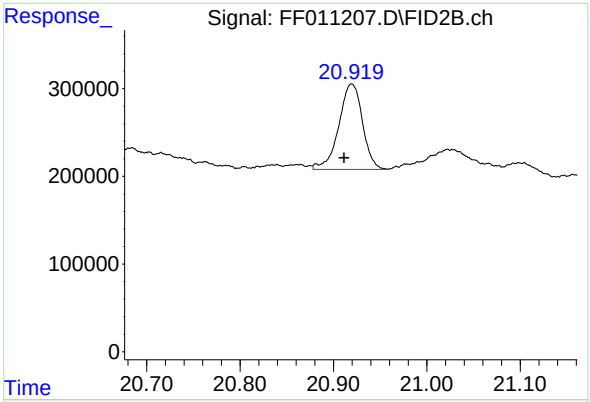

#15 N-TETRATRIACONTANE

R.T.: 19.474 min
Delta R.T.: 0.005 min
Response: 1650411
Conc: 14.79 ug/ml m



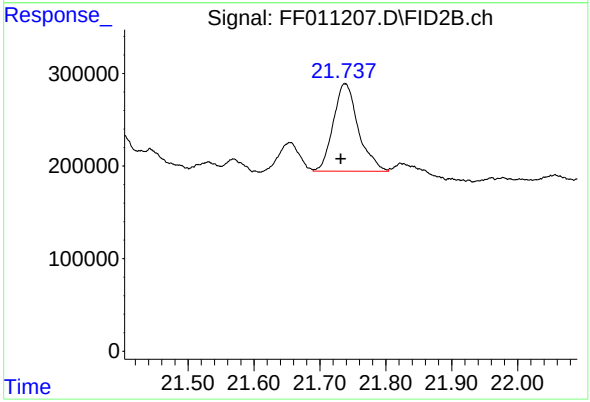

#16 N-HEXATRIACONTANE

R.T.: 20.212 min
Delta R.T.: 0.004 min
Response: 1288073
Conc: 12.67 ug/ml m




#17 N-OCTATRIACONTANE

R.T.: 20.919 min
Delta R.T.: 0.008 min
Response: 1716159
Conc: 17.15 ug/ml m




#18 N-TETRACONTANE

R.T.: 21.737 min
Delta R.T.: 0.005 min
Response: 2490471
Conc: 22.73 ug/ml m