Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021723\
Data File : FF012149.D
Signal(s) : FID2B.ch
Acq On : 17 Feb 2023 17:33
Operator : YP\AJ
Sample : 01586-05MS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 17 22:05:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF012723.M
Quant Title :
QLast Update : Fri Jan 27 14:21:25 2023
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...	15.060	1675690	14.542 ug/ml
	Target Compounds			
1)	N-OCTANE	2.082	1701865	14.794 ug/ml
2)	N-DECANE	4.607	1999013	16.955 ug/ml
3)	N-DODECANE	6.771	2117423	17.676 ug/ml
4)	N-TETRADECANE	8.598	2183793	18.134 ug/ml
5)	N-HEXADECANE	10.205	2342863	18.783 ug/ml
6)	N-OCTADECANE	11.649	2380513	18.722 ug/ml
7)	N-EICOSANE	12.960	2506310	19.420 ug/ml
8)	N-DOCOSANE	14.159	2502097	19.628 ug/ml
10)	N-TETRACOSANE	15.265	3851088	29.595 ug/ml
11)	N-HEXACOSANE	16.288	2648785	20.353 ug/ml
12)	N-OCTACOSANE	17.240	2709136	20.834 ug/ml
13)	N-TRIACONTANE	18.131	3478847	26.956 ug/ml
14)	N-DOTRIACONTANE	18.967	3210120	24.666 ug/mlm
15)	N-TETRATRIACONTANE	19.753	2475347	22.234 ug/mlm
16)	N-HEXATRIACONTANE	20.492	2380443	23.174 ug/mlm
17)	N-OCTATRIACONTANE	21.242	2214379	22.480 ug/mlm
18)	N-TETRACONTANE	22.173	1936480	18.685 ug/mlm

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

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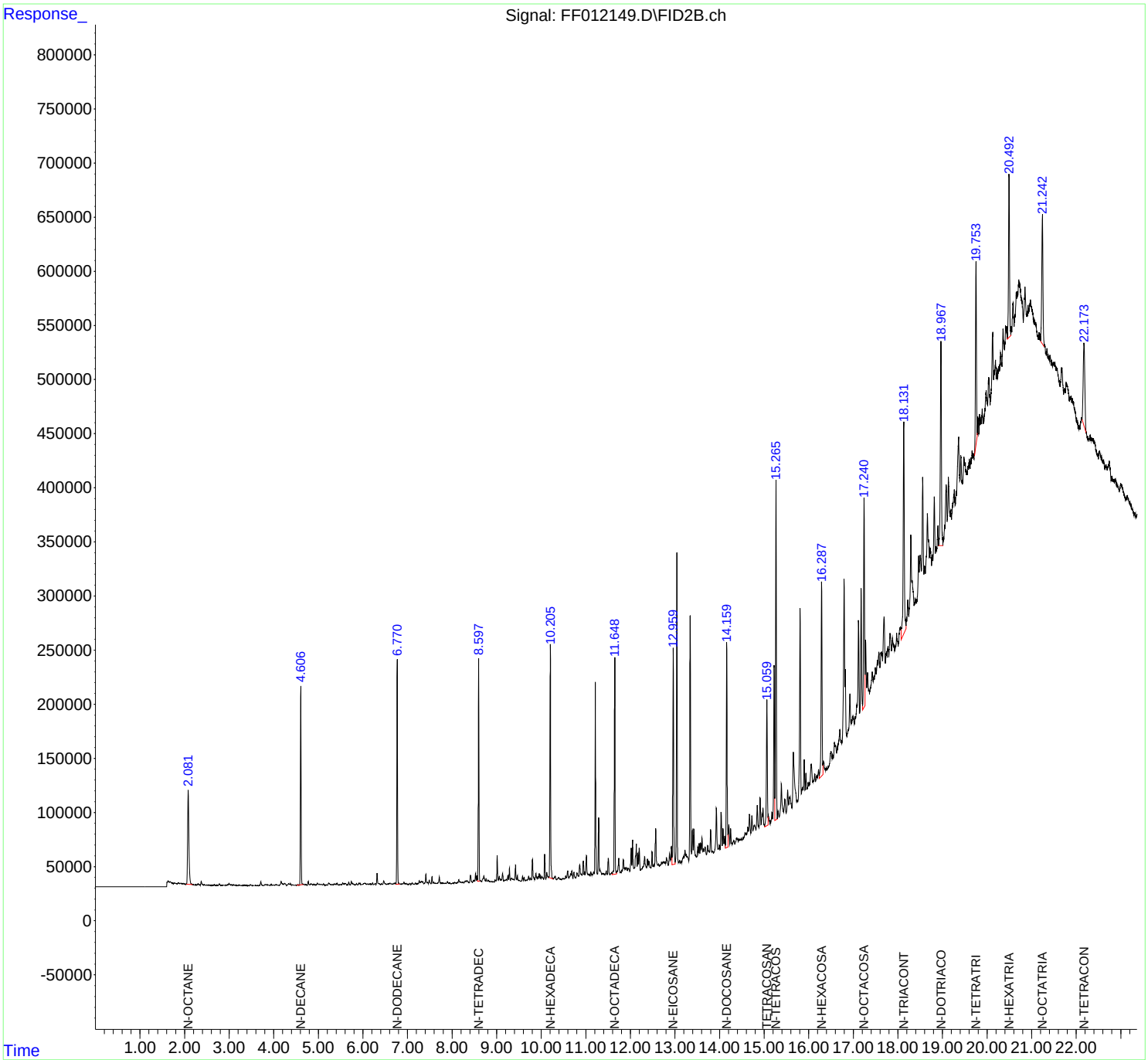
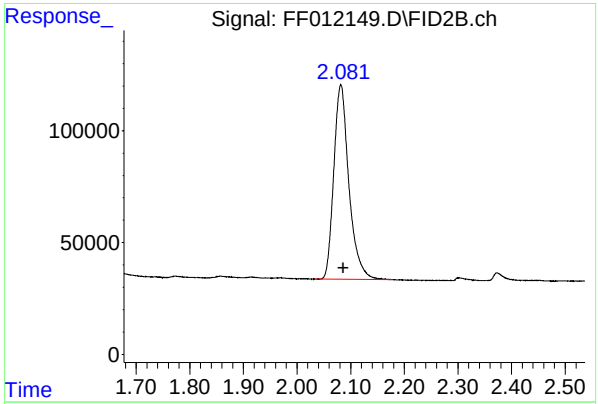
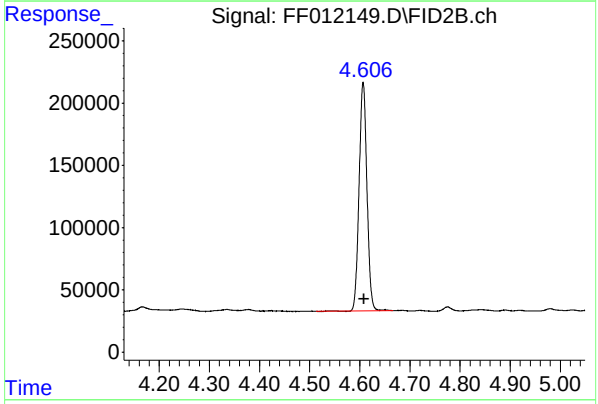




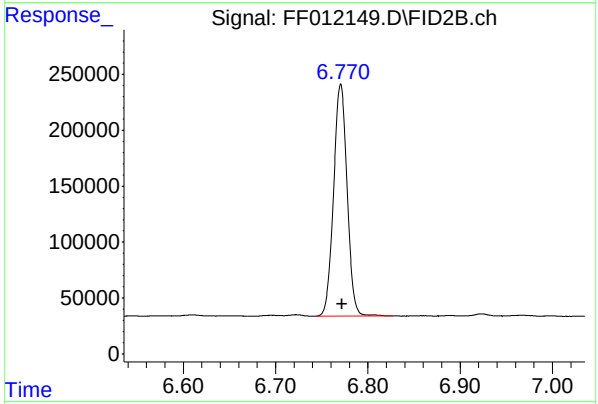
#1 N-OCTANE

R.T.: 2.082 min
Delta R.T.: -0.004 min
Response: 1701865
Conc: 14.79 ug/ml



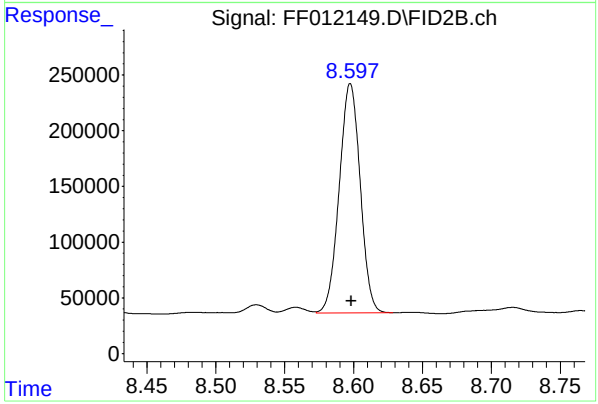
#2 N-DECANE

R.T.: 4.607 min
Delta R.T.: -0.002 min
Response: 1999013
Conc: 16.95 ug/ml



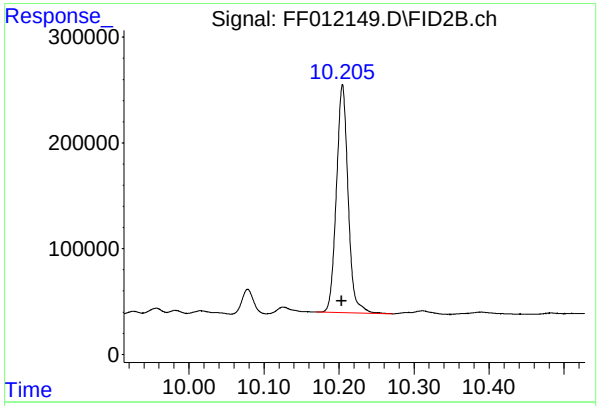
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 2117423
Conc: 17.68 ug/ml



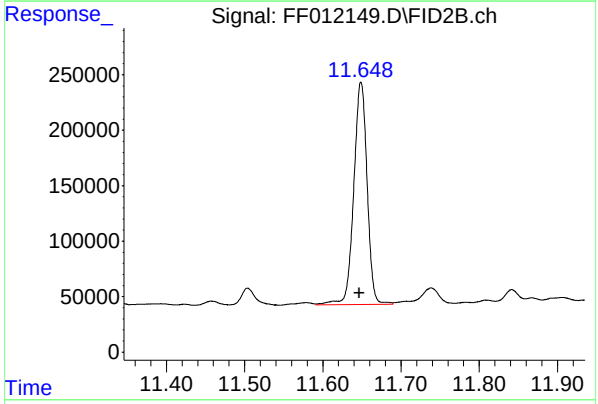
#4 N-TETRADECANE

R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 2183793
Conc: 18.13 ug/ml



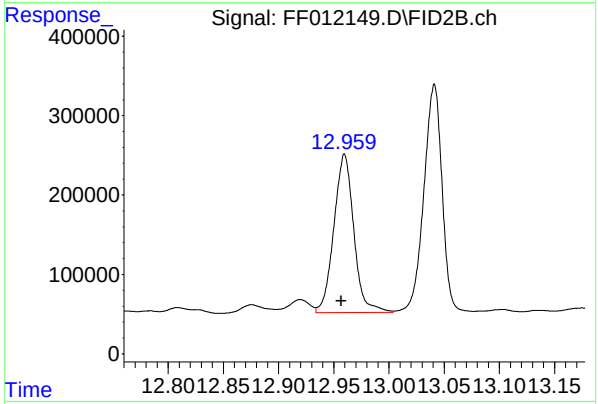
#5 N-HEXADECANE

R.T.: 10.205 min
Delta R.T.: 0.000 min
Response: 2342863
Conc: 18.78 ug/ml



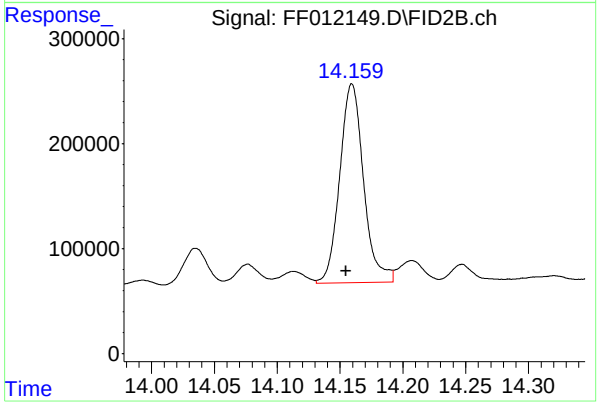
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 2380513
Conc: 18.72 ug/ml



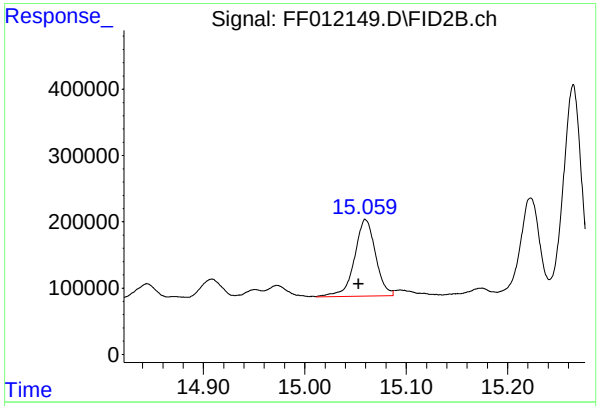
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: 0.003 min
Response: 2506310
Conc: 19.42 ug/ml



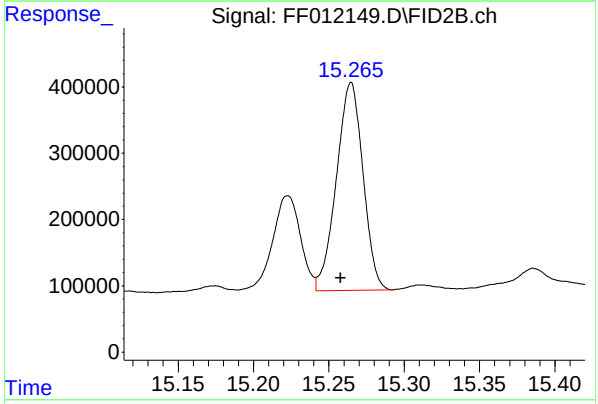
#8 N-DOCOSANE

R.T.: 14.159 min
Delta R.T.: 0.005 min
Response: 2502097
Conc: 19.63 ug/ml



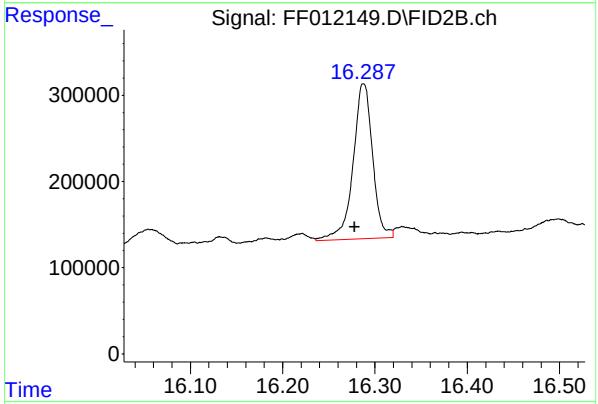
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.060 min
Delta R.T.: 0.007 min
Response: 1675690
Conc: 14.54 ug/ml



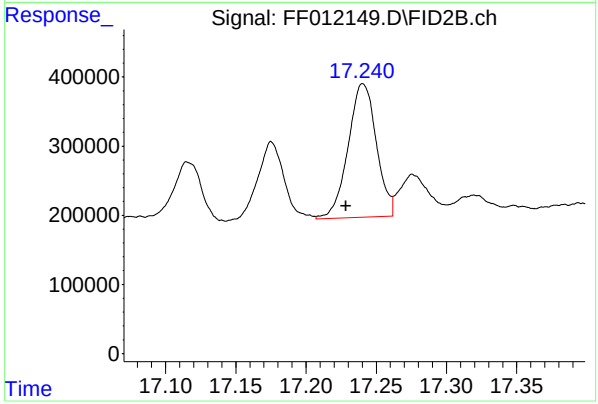
#10 N-TETRACOSANE

R.T.: 15.265 min
Delta R.T.: 0.007 min
Response: 3851088
Conc: 29.60 ug/ml



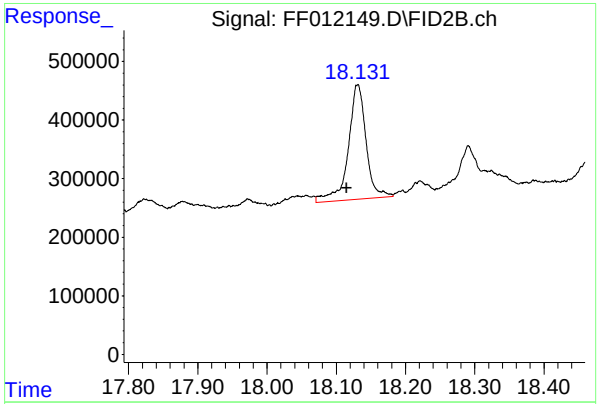
#11 N-HEXACOSANE

R.T.: 16.288 min
Delta R.T.: 0.010 min
Response: 2648785
Conc: 20.35 ug/ml



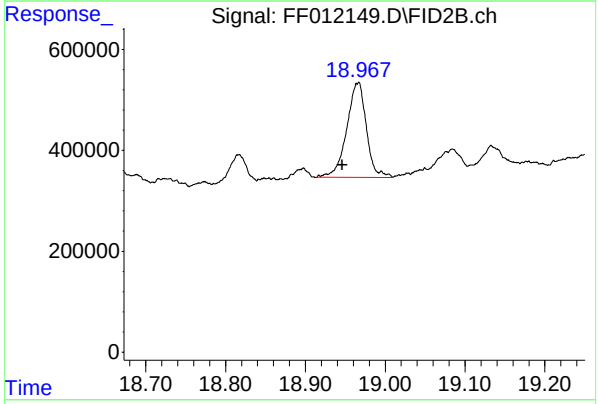
#12 N-OCTACOSANE

R.T.: 17.240 min
Delta R.T.: 0.012 min
Response: 2709136
Conc: 20.83 ug/ml



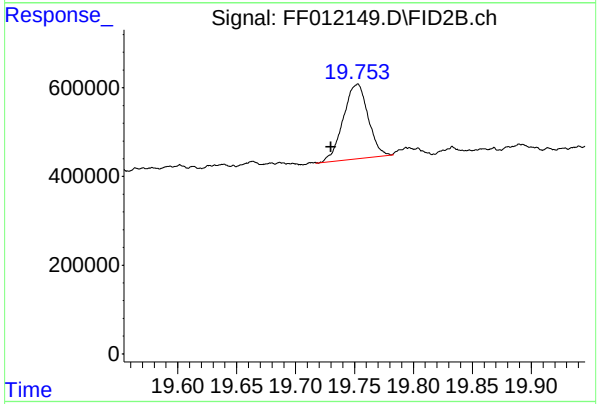
#13 N-TRIACONTANE

R.T.: 18.131 min
Delta R.T.: 0.016 min
Response: 3478847
Conc: 26.96 ug/ml



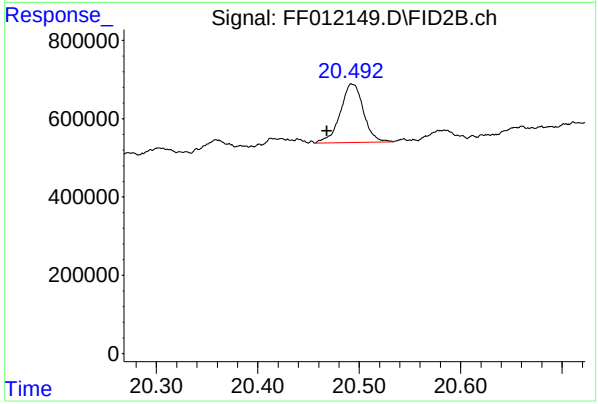
#14 N-DOTRIACONTANE

R.T.: 18.967 min
Delta R.T.: 0.020 min
Response: 3210120
Conc: 24.67 ug/ml m



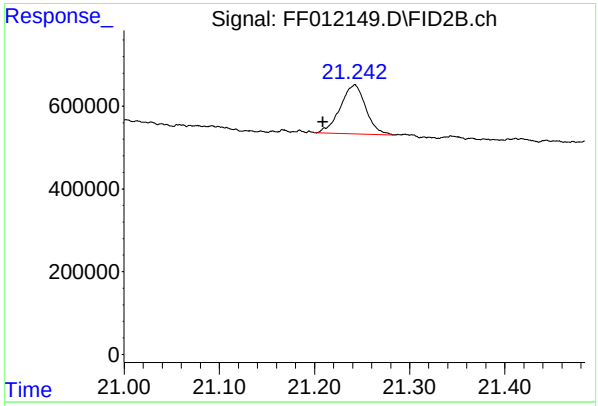
#15 N-TETRATRIACONTANE

R.T.: 19.753 min
Delta R.T.: 0.023 min
Response: 2475347
Conc: 22.23 ug/ml m



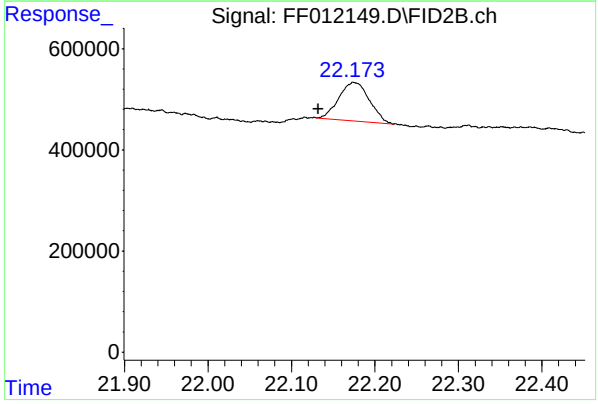
#16 N-HEXATRIACONTANE

R.T.: 20.492 min
Delta R.T.: 0.024 min
Response: 2380443
Conc: 23.17 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.242 min
Delta R.T.: 0.033 min
Response: 2214379
Conc: 22.48 ug/ml m



#18 N-TETRACONTANE

R.T.: 22.173 min
Delta R.T.: 0.041 min
Response: 1936480
Conc: 18.69 ug/ml m