

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072023\
 Data File : FF013086.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 13:42
 Operator : YP\AJ
 Sample : MOTOR OIL 50
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 01:35:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:26:17 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...	14.950	1380325	11.619 ug/ml
Target Compounds			
4) N-TETRADECANE	8.439f	46862	0.377 ug/ml
5) N-HEXADECANE	10.089	97545	0.754 ug/ml
6) N-OCTADECANE	11.526	278957	2.052 ug/ml
7) N-EICOSANE	12.864	58310	0.427 ug/ml
8) N-DOCOSANE	14.028	2179254	16.109 ug/ml
10) N-TETRACOSANE	15.133	3128230	23.013 ug/ml
11) N-HEXACOSANE	16.158	3143214	23.431 ug/ml
12) N-OCTACOSANE	17.093	1994528	15.124 ug/ml
13) N-TRIACONTANE	17.990	7112805	56.145 ug/ml
14) N-DOTRIACONTANE	18.825	12596157	109.540 ug/ml
15) N-TETRATRIACONTANE	19.639	24821165	247.500 ug/ml
16) N-HEXATRIACONTANE	20.347	6850367	79.693 ug/ml
17) N-OCTATRIACONTANE	21.037	7546074	100.233 ug/ml
18) N-TETRACONTANE	21.934	706293	10.174 ug/ml

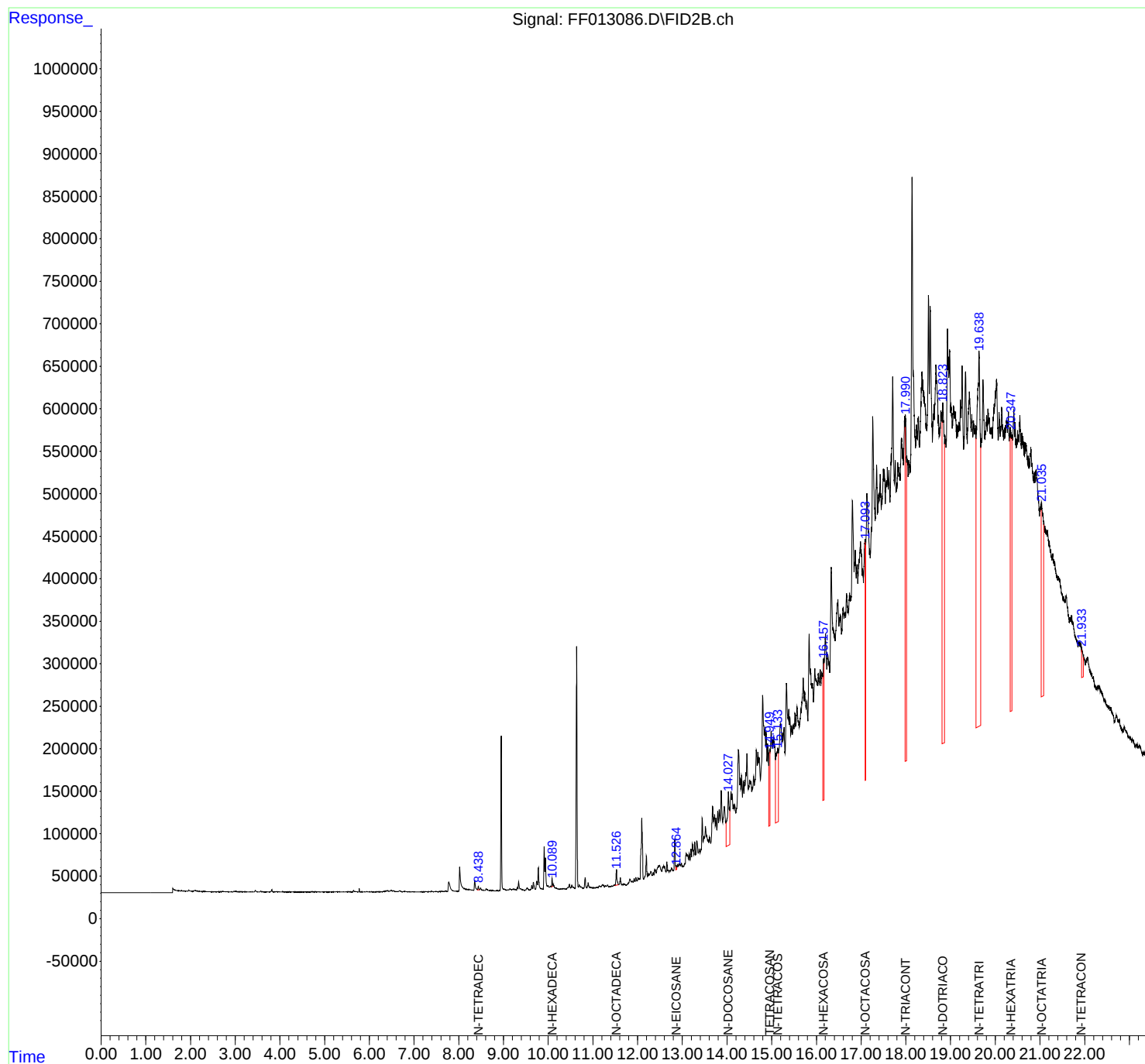
(f)=RT Delta > 1/2 Window

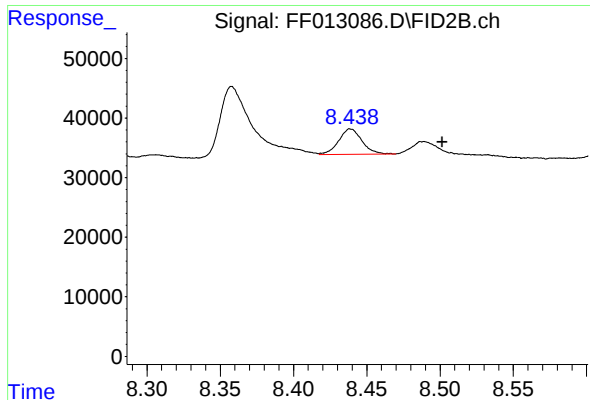
(m)=manual int.

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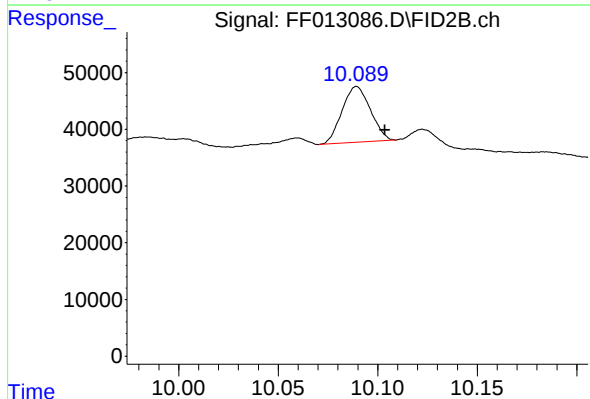
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





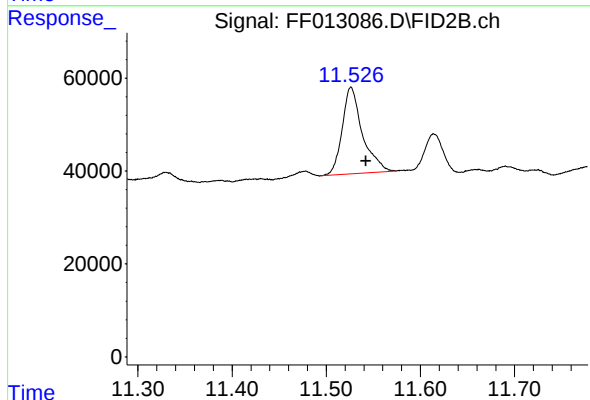
#4 N-TETRADECANE

R.T.: 8.439 min
Delta R.T.: -0.063 min
Response: 46862
Conc: 0.38 ug/ml



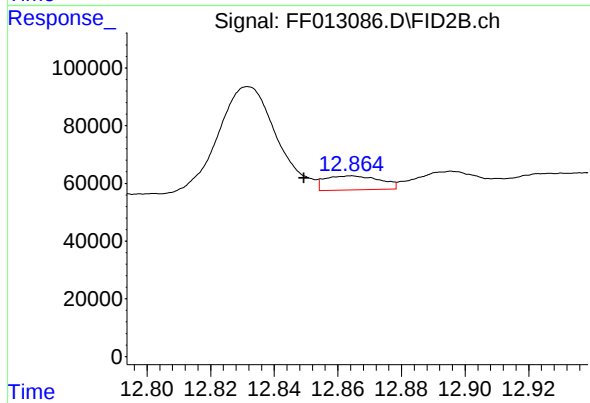
#5 N-HEXADECANE

R.T.: 10.089 min
Delta R.T.: -0.014 min
Response: 97545
Conc: 0.75 ug/ml



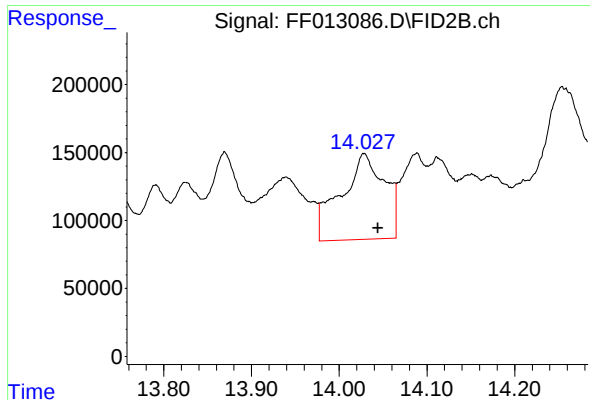
#6 N-OCTADECANE

R.T.: 11.526 min
Delta R.T.: -0.016 min
Response: 278957
Conc: 2.05 ug/ml



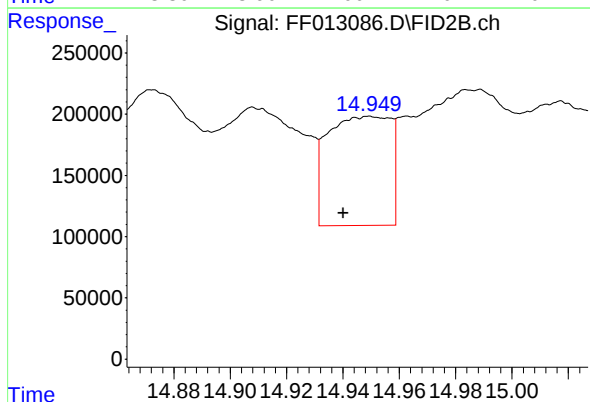
#7 N-EICOSANE

R.T.: 12.864 min
Delta R.T.: 0.015 min
Response: 58310
Conc: 0.43 ug/ml



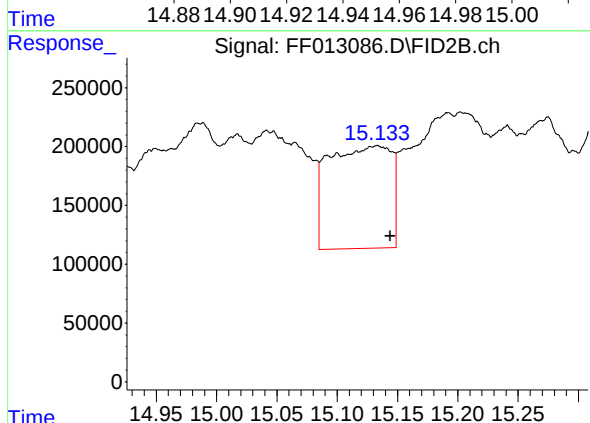
#8 N-DOCOSANE

R.T.: 14.028 min
Delta R.T.: -0.016 min
Response: 2179254
Conc: 16.11 ug/ml



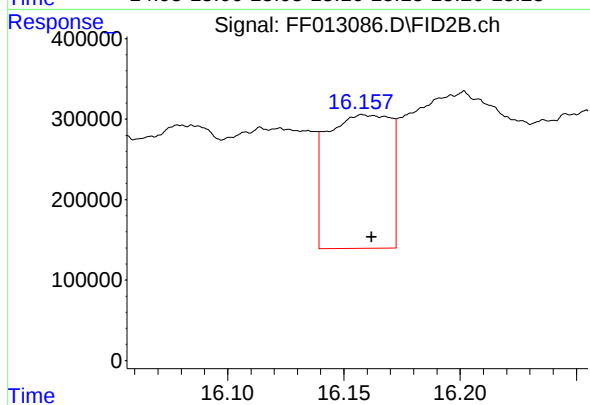
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.950 min
Delta R.T.: 0.009 min
Response: 1380325
Conc: 11.62 ug/ml



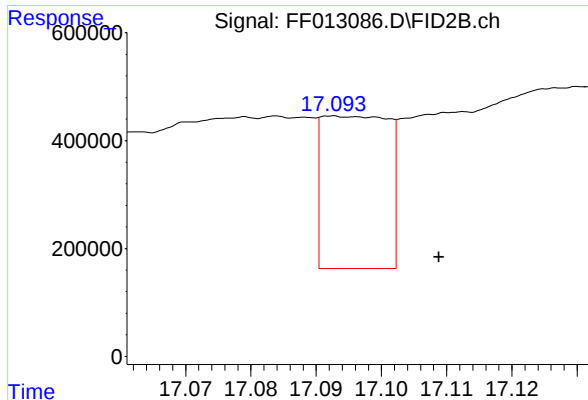
#10 N-TETRACOSANE

R.T.: 15.133 min
Delta R.T.: -0.011 min
Response: 3128230
Conc: 23.01 ug/ml



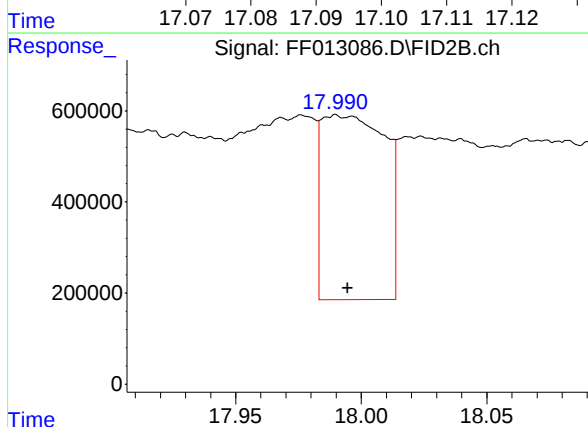
#11 N-HEXACOSANE

R.T.: 16.158 min
Delta R.T.: -0.004 min
Response: 3143214
Conc: 23.43 ug/ml



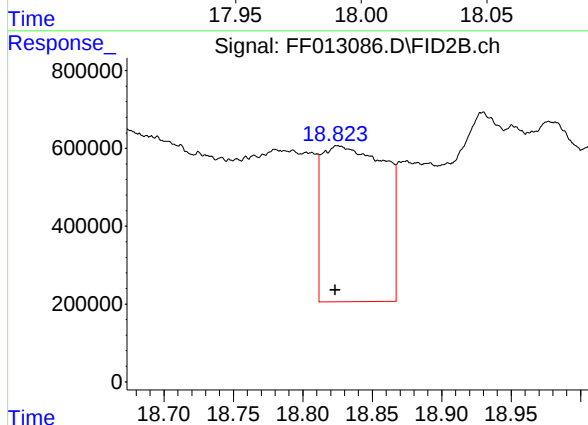
#12 N-OCTACOSANE

R.T.: 17.093 min
Delta R.T.: -0.016 min
Response: 1994528
Conc: 15.12 ug/ml



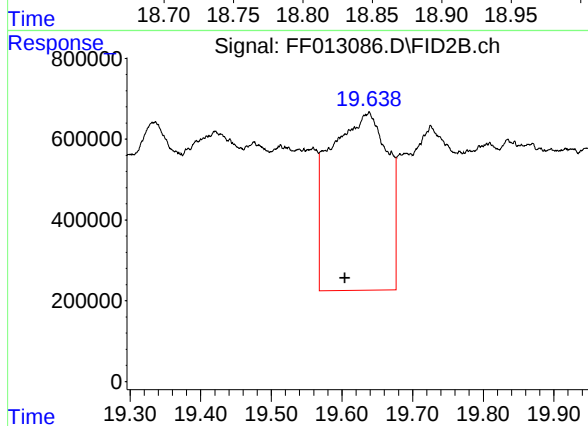
#13 N-TRIACONTANE

R.T.: 17.990 min
Delta R.T.: -0.005 min
Response: 7112805
Conc: 56.14 ug/ml



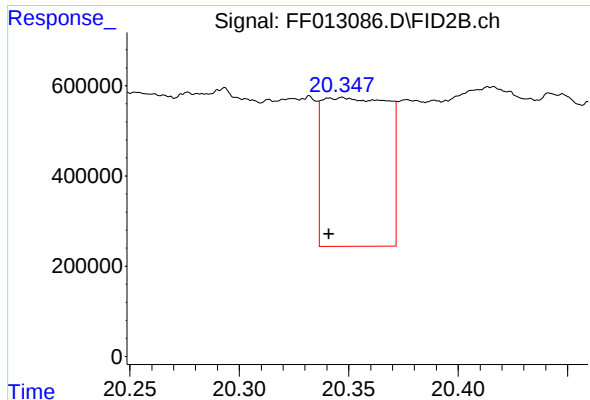
#14 N-DOTRIACONTANE

R.T.: 18.825 min
Delta R.T.: 0.002 min
Response: 12596157
Conc: 109.54 ug/ml



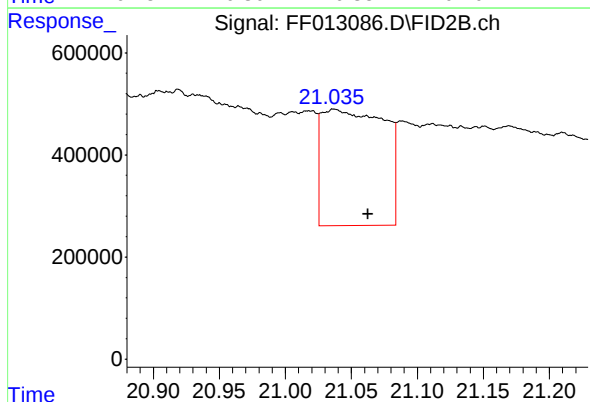
#15 N-TETRATRIACONTANE

R.T.: 19.639 min
Delta R.T.: 0.034 min
Response: 24821165
Conc: 247.50 ug/ml



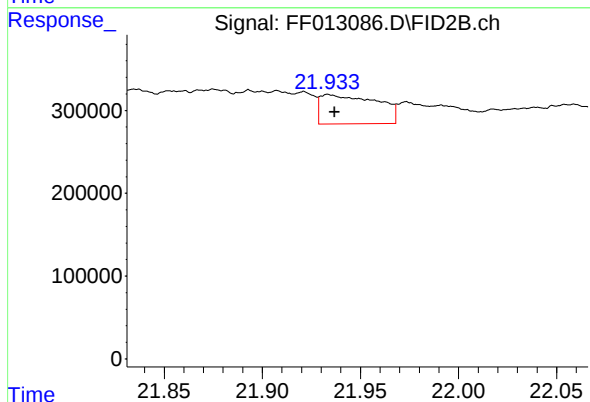
#16 N-HEXATRIACONTANE

R.T.: 20.347 min
Delta R.T.: 0.006 min
Response: 6850367
Conc: 79.69 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.037 min
Delta R.T.: -0.026 min
Response: 7546074
Conc: 100.23 ug/ml



#18 N-TETRACONTANE

R.T.: 21.934 min
Delta R.T.: -0.003 min
Response: 706293
Conc: 10.17 ug/ml