

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120423\
 Data File : FF013779.D
 Signal(s) : FID2B.ch
 Acq On : 04 Dec 2023 10:14
 Operator : YP\AJ
 Sample : MOTOR OIL 40
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 04 22:56:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF111023.M
 Quant Title :
 QLast Update : Fri Nov 10 12:42:28 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...	14.961	283324	2.480 ug/ml
Target Compounds			
4) N-TETRADECANE	8.514	59069	0.478 ug/ml
5) N-HEXADECANE	10.119	205720	1.649 ug/ml
6) N-OCTADECANE	11.562	322258	2.586 ug/ml
7) N-EICOSANE	12.873	377734	3.032 ug/ml
8) N-DOCOSANE	14.077	432903	3.564 ug/ml
10) N-TETRACOSANE	15.153	61994	0.513 ug/ml
11) N-HEXACOSANE	16.178	363166	3.077 ug/ml
12) N-OCTACOSANE	17.157	993512	8.633 ug/ml
13) N-TRIACONTANE	18.050	4151428	36.840 ug/ml
14) N-DOTRIACONTANE	18.868	1898169	17.525 ug/ml
15) N-TETRATRIACONTANE	19.648	457715	4.908 ug/ml
16) N-HEXATRIACONTANE	20.365	34536	0.472 ug/ml
17) N-OCTATRIACONTANE	21.093	222678	3.384 ug/ml
18) N-TETRACONTANE	21.989	316454	5.030 ug/ml

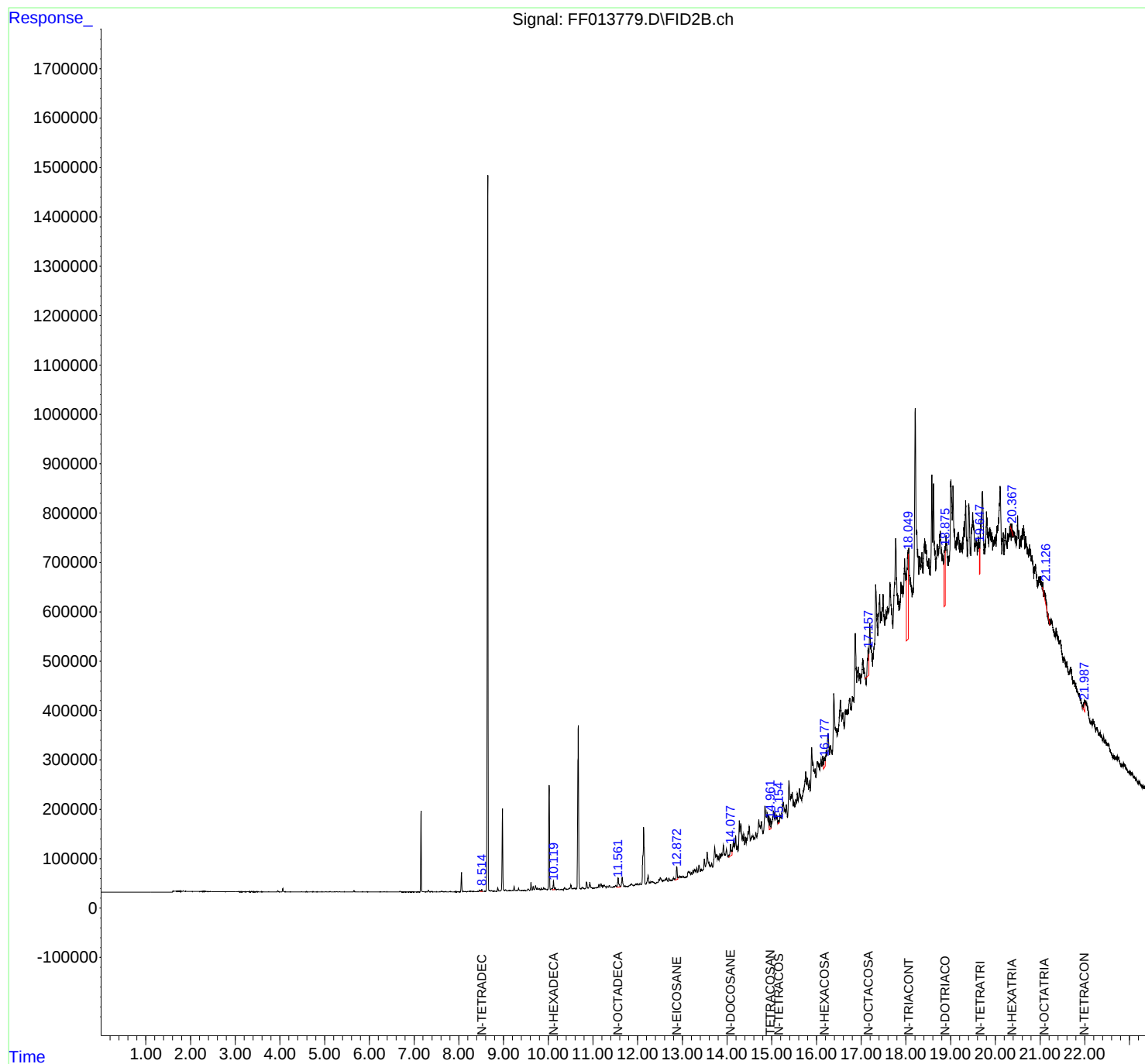
(f)=RT Delta > 1/2 Window

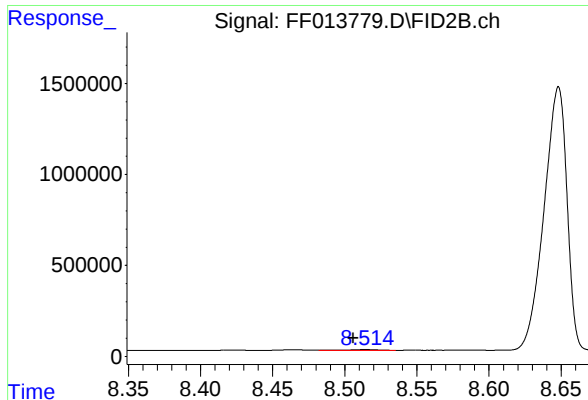
(m)=manual int.

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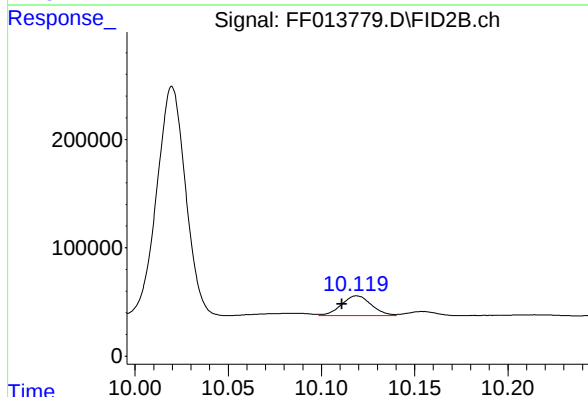
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





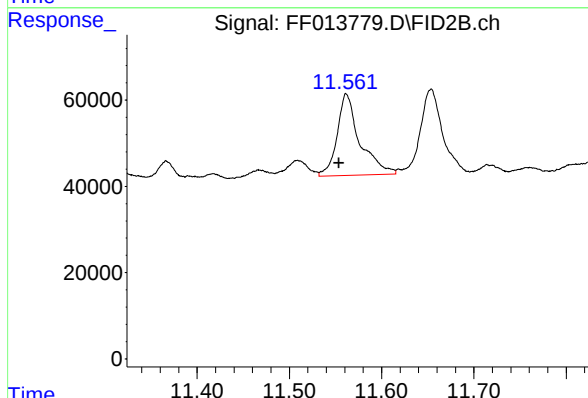
#4 N-TETRADECANE

R.T.: 8.514 min
Delta R.T.: 0.008 min
Response: 59069
Conc: 0.48 ug/ml



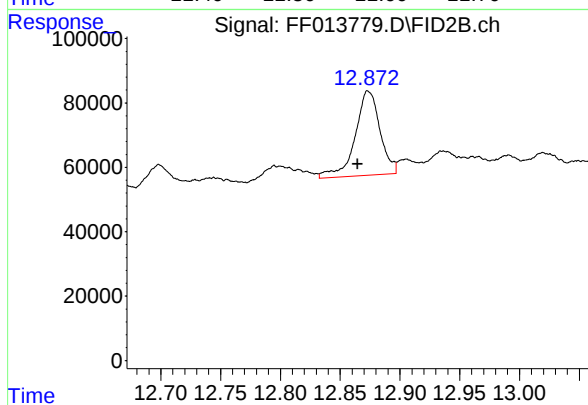
#5 N-HEXADECANE

R.T.: 10.119 min
Delta R.T.: 0.008 min
Response: 205720
Conc: 1.65 ug/ml



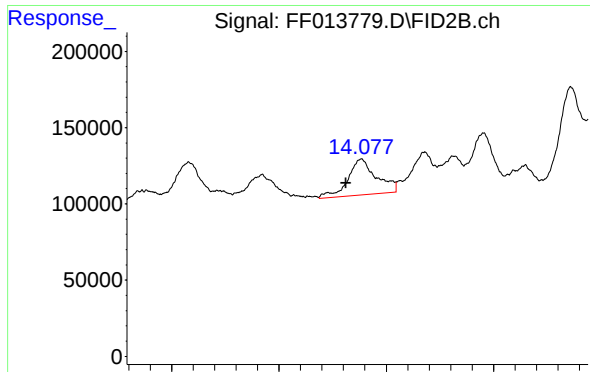
#6 N-OCTADECANE

R.T.: 11.562 min
Delta R.T.: 0.008 min
Response: 322258
Conc: 2.59 ug/ml



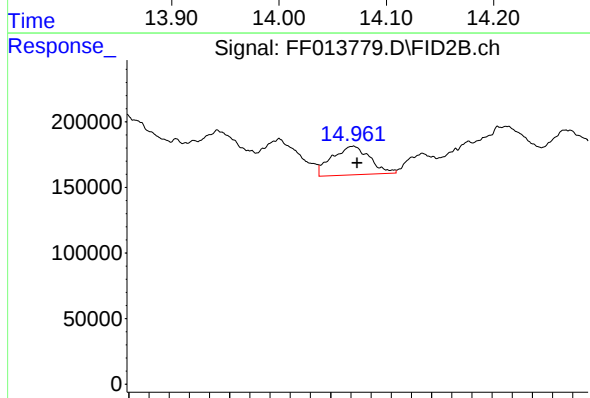
#7 N-EICOSANE

R.T.: 12.873 min
Delta R.T.: 0.009 min
Response: 377734
Conc: 3.03 ug/ml



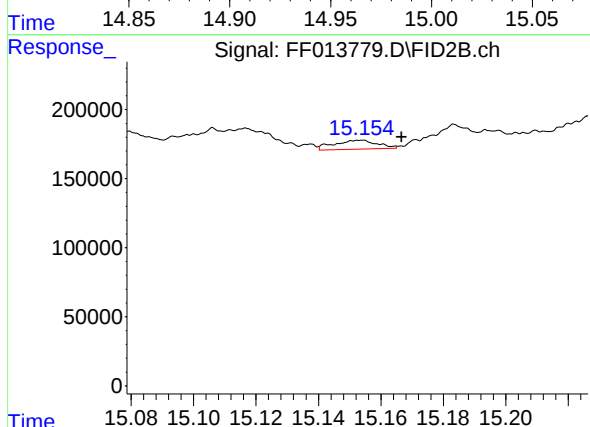
#8 N-DOCOSANE

R.T.: 14.077 min
Delta R.T.: 0.014 min
Response: 432903
Conc: 3.56 ug/ml



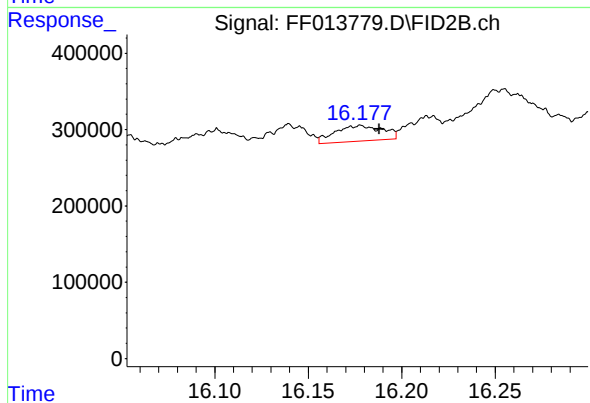
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.961 min
Delta R.T.: -0.002 min
Response: 283324
Conc: 2.48 ug/ml



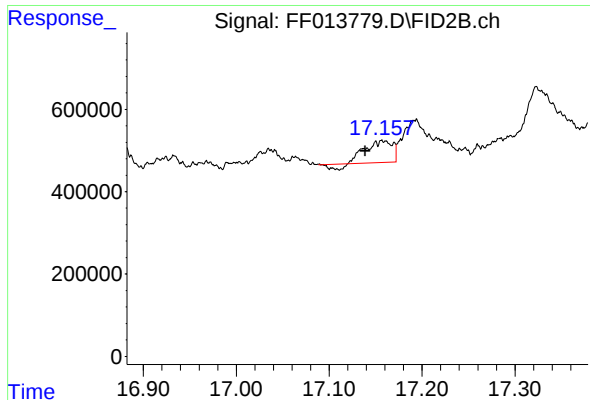
#10 N-TETRACOSANE

R.T.: 15.153 min
Delta R.T.: -0.013 min
Response: 61994
Conc: 0.51 ug/ml



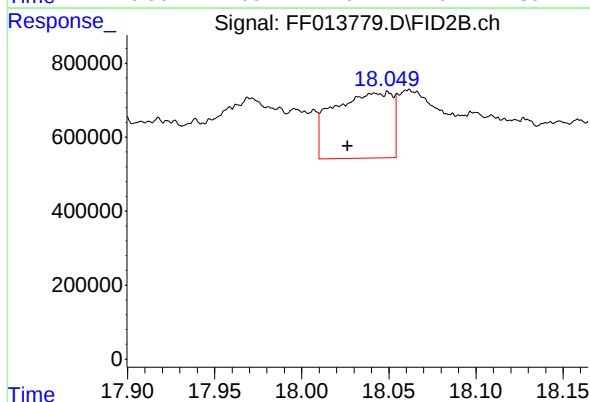
#11 N-HEXACOSANE

R.T.: 16.178 min
Delta R.T.: -0.010 min
Response: 363166
Conc: 3.08 ug/ml



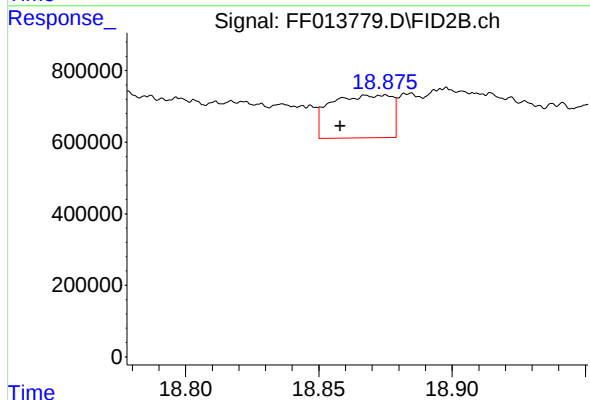
#12 N-OCTACOSANE

R.T.: 17.157 min
Delta R.T.: 0.018 min
Response: 993512
Conc: 8.63 ug/ml



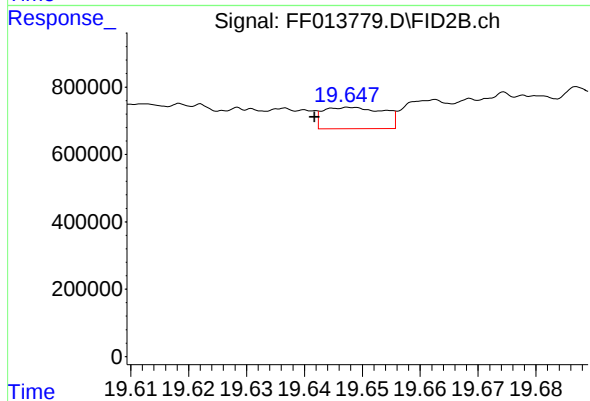
#13 N-TRIACONTANE

R.T.: 18.050 min
Delta R.T.: 0.023 min
Response: 4151428
Conc: 36.84 ug/ml



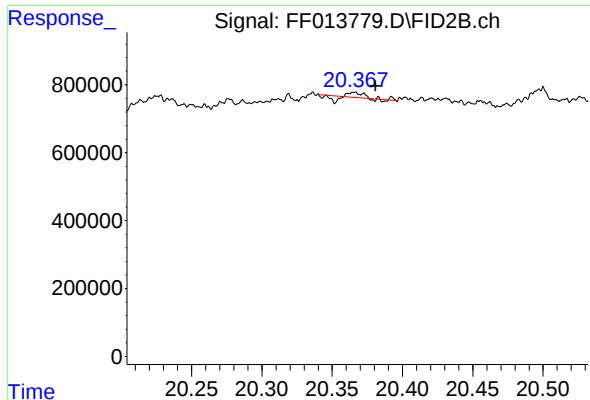
#14 N-DOTRIACONTANE

R.T.: 18.868 min
Delta R.T.: 0.010 min
Response: 1898169
Conc: 17.53 ug/ml



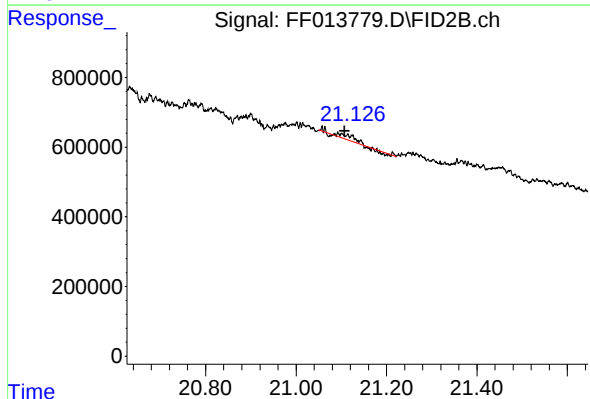
#15 N-TETRATRIACONTANE

R.T.: 19.648 min
Delta R.T.: 0.006 min
Response: 457715
Conc: 4.91 ug/ml



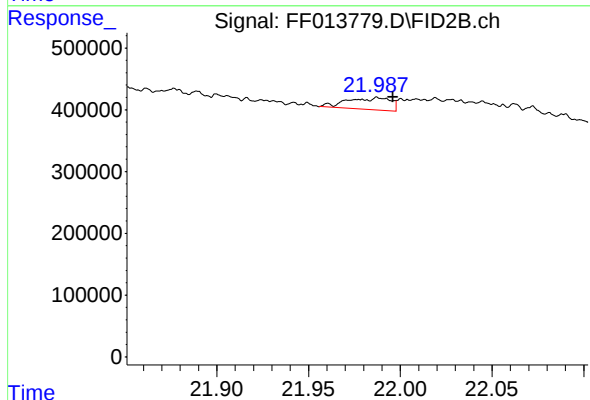
#16 N-HEXATRIACONTANE

R.T.: 20.365 min
Delta R.T.: -0.015 min
Response: 34536
Conc: 0.47 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.093 min
Delta R.T.: -0.015 min
Response: 222678
Conc: 3.38 ug/ml



#18 N-TETRACONTANE

R.T.: 21.989 min
Delta R.T.: -0.007 min
Response: 316454
Conc: 5.03 ug/ml