

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011024\
 Data File : FF013914.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2024 10:31
 Operator : YP\AJ
 Sample : MOTOR OIL 50
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 01:18:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF010224.M
 Quant Title :
 QLast Update : Wed Jan 03 03:19:15 2024
 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...	14.947	722617	5.971 ug/ml
Target Compounds			
4) N-TETRADECANE	8.448f	61852	0.499 ug/ml
5) N-HEXADECANE	10.104	171888	1.347 ug/ml
6) N-OCTADECANE	11.547	416603	3.237 ug/ml
7) N-EICOSANE	12.859	585753	4.526 ug/ml
8) N-DOCOSANE	14.061	840072	6.649 ug/ml
10) N-TETRACOSANE	15.172	312661	2.452 ug/ml
11) N-HEXACOSANE	16.199	1015911	8.050 ug/ml
12) N-OCTACOSANE	17.140	1769547	14.120 ug/ml
13) N-TRIACONTANE	18.025	4244426	33.986 ug/ml
14) N-DOTRIACONTANE	18.856	2947949	22.966 ug/ml
15) N-TETRATRIACONTANE	19.619	866273	8.584 ug/ml
16) N-HEXATRIACONTANE	20.402	631791	7.815 ug/ml
17) N-OCTATRIACONTANE	21.104	1097997	16.302 ug/ml
18) N-TETRACONTANE	22.022	1267907	15.591 ug/ml

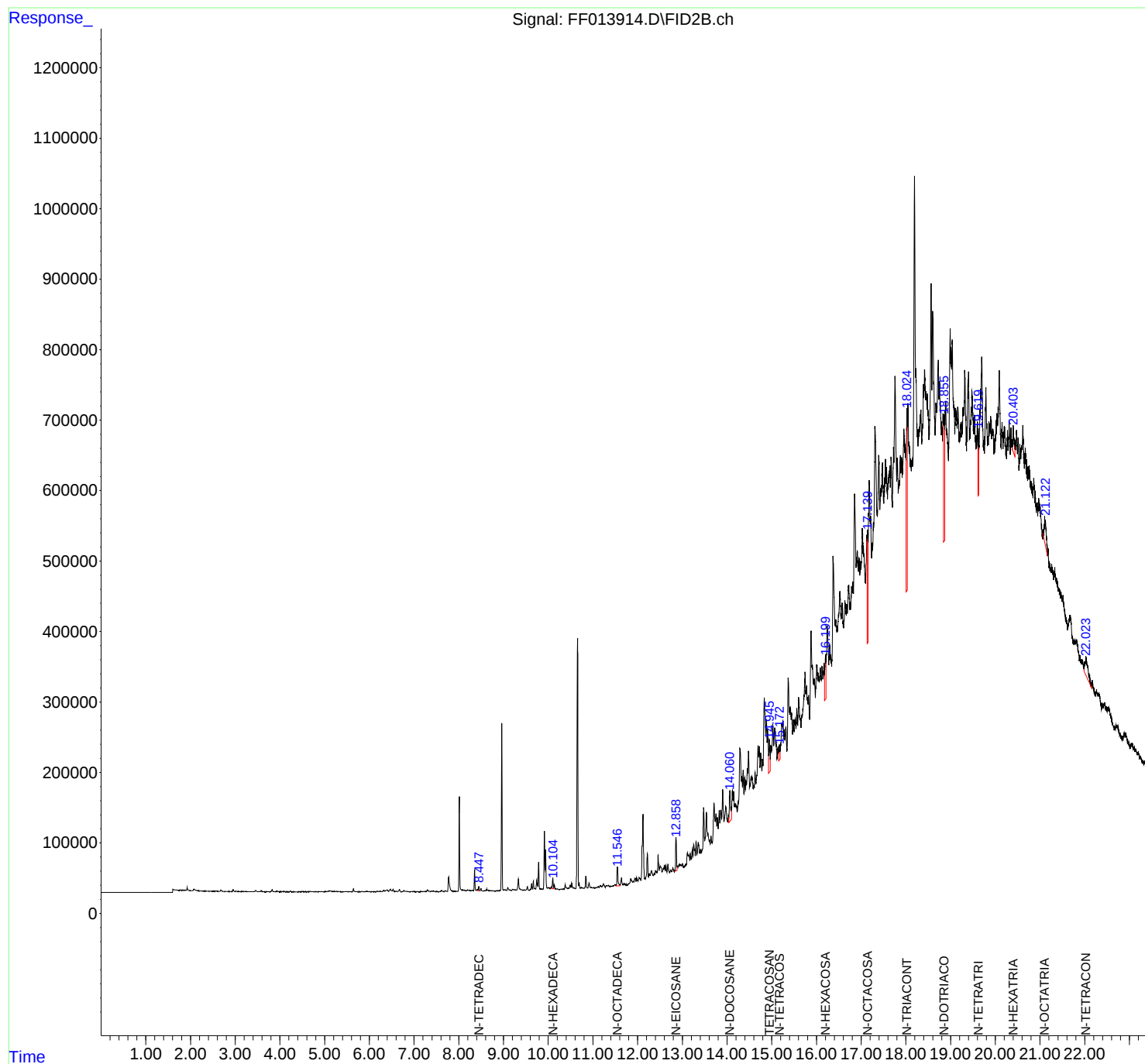
(f)=RT Delta > 1/2 Window

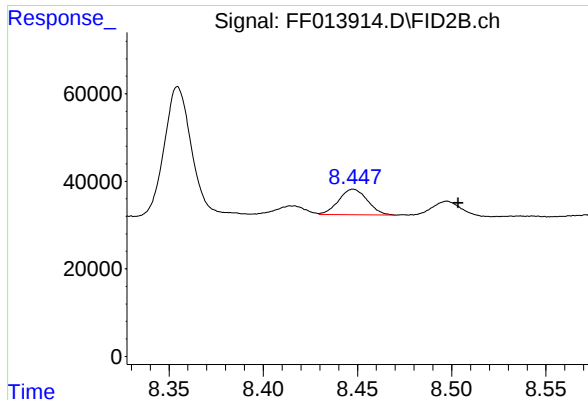
(m)=manual int.

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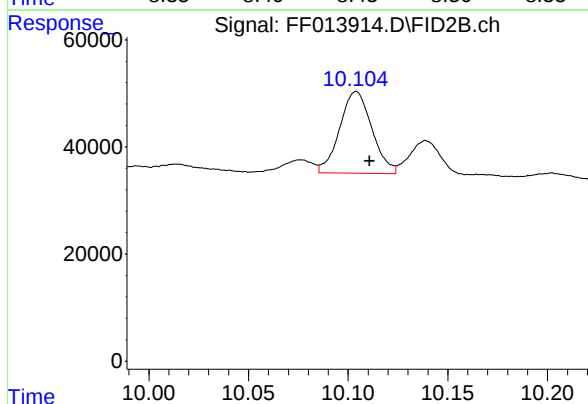
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





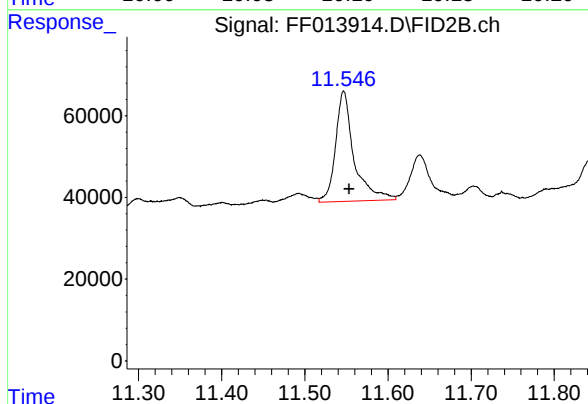
#4 N-TETRADECANE

R.T.: 8.448 min
Delta R.T.: -0.056 min
Response: 61852
Conc: 0.50 ug/ml



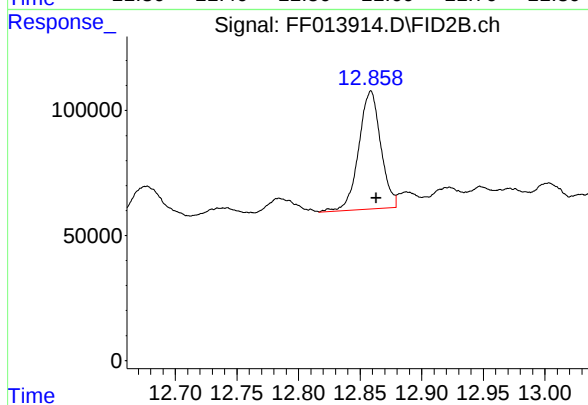
#5 N-HEXADECANE

R.T.: 10.104 min
Delta R.T.: -0.007 min
Response: 171888
Conc: 1.35 ug/ml



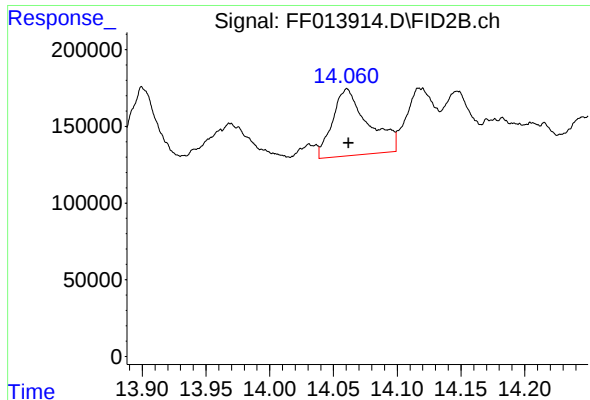
#6 N-OCTADECANE

R.T.: 11.547 min
Delta R.T.: -0.006 min
Response: 416603
Conc: 3.24 ug/ml



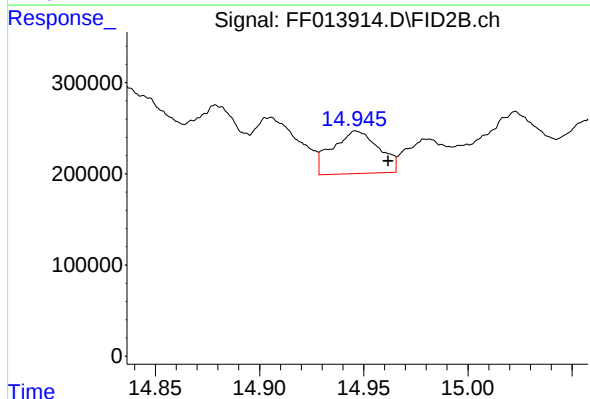
#7 N-EICOSANE

R.T.: 12.859 min
Delta R.T.: -0.005 min
Response: 585753
Conc: 4.53 ug/ml



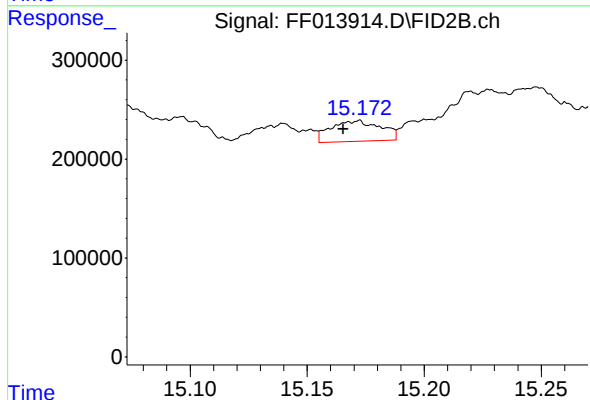
#8 N-DOCOSANE

R.T.: 14.061 min
Delta R.T.: -0.001 min
Response: 840072
Conc: 6.65 ug/ml



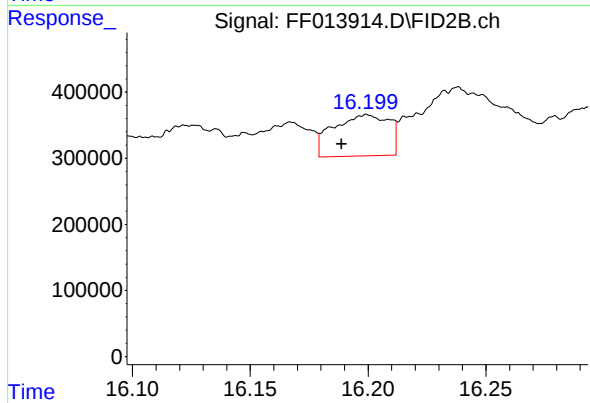
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.947 min
Delta R.T.: -0.015 min
Response: 722617
Conc: 5.97 ug/ml



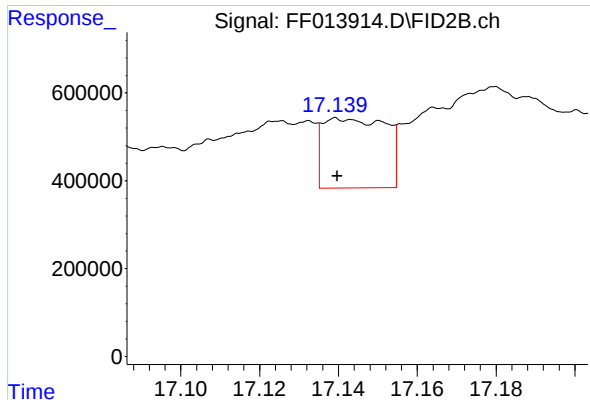
#10 N-TETRACOSANE

R.T.: 15.172 min
Delta R.T.: 0.006 min
Response: 312661
Conc: 2.45 ug/ml



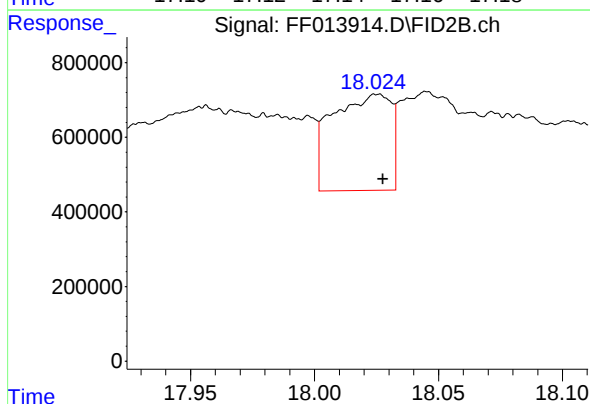
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: 0.011 min
Response: 1015911
Conc: 8.05 ug/ml



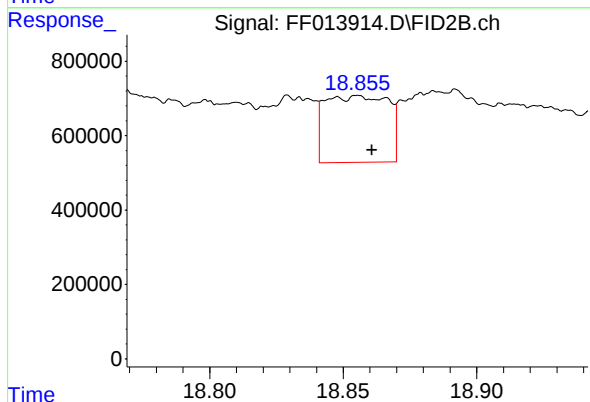
#12 N-OCTACOSANE

R.T.: 17.140 min
Delta R.T.: 0.000 min
Response: 1769547
Conc: 14.12 ug/ml



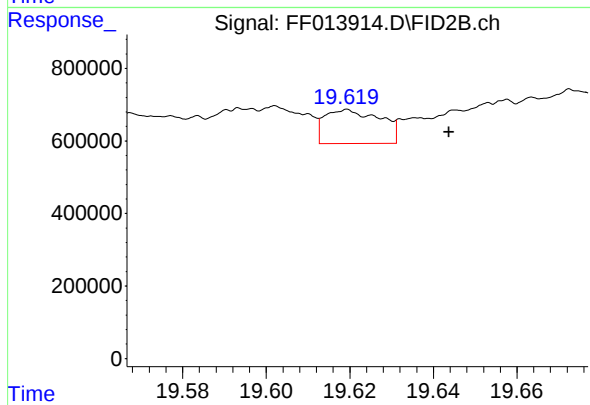
#13 N-TRIACONTANE

R.T.: 18.025 min
Delta R.T.: -0.002 min
Response: 4244426
Conc: 33.99 ug/ml



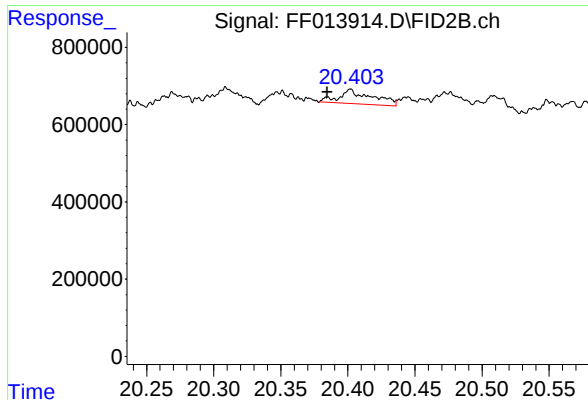
#14 N-DOTRIACONTANE

R.T.: 18.856 min
Delta R.T.: -0.005 min
Response: 2947949
Conc: 22.97 ug/ml



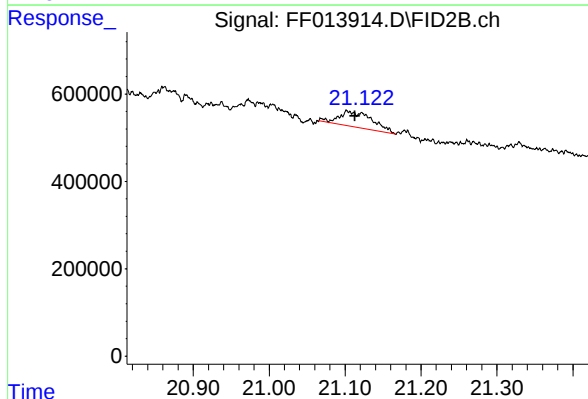
#15 N-TETRATRIACONTANE

R.T.: 19.619 min
Delta R.T.: -0.025 min
Response: 866273
Conc: 8.58 ug/ml



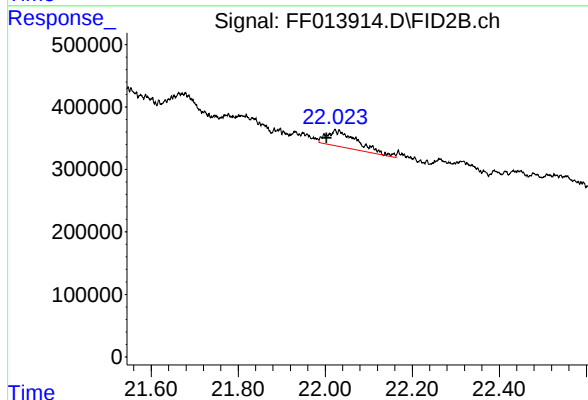
#16 N-HEXATRIACONTANE

R.T.: 20.402 min
Delta R.T.: 0.017 min
Response: 631791
Conc: 7.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.104 min
Delta R.T.: -0.009 min
Response: 1097997
Conc: 16.30 ug/ml



#18 N-TETRACONTANE

R.T.: 22.022 min
Delta R.T.: 0.019 min
Response: 1267907
Conc: 15.59 ug/ml