

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072023\
 Data File : FF013085.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 13:13
 Operator : YP\AJ
 Sample : MOTOR OIL 40
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 01:35:19 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...	14.939	710337	5.979 ug/ml
Target Compounds			
5) N-HEXADECANE	10.088	145976	1.128 ug/ml
6) N-OCTADECANE	11.526	297225	2.186 ug/ml
7) N-EICOSANE	12.860	59755	0.438 ug/ml
8) N-DOCOSANE	14.026	1120393	8.282 ug/ml
10) N-TETRACOSANE	15.132	1401598	10.311 ug/ml
11) N-HEXACOSANE	16.158	4067802	30.324 ug/ml
12) N-OCTACOSANE	17.126	12437271	94.307 ug/ml
13) N-TRIACONTANE	17.995	10983743	86.700 ug/ml
14) N-DOTRIACONTANE	18.827	16393264	142.561 ug/ml
15) N-TETRATRIACONTANE	19.606	10963333	109.319 ug/ml
16) N-HEXATRIACONTANE	20.340	10399325	120.979 ug/ml
17) N-OCTATRIACONTANE	21.063	3278652	43.550 ug/ml
18) N-TETRACONTANE	21.892	1241211	17.879 ug/ml

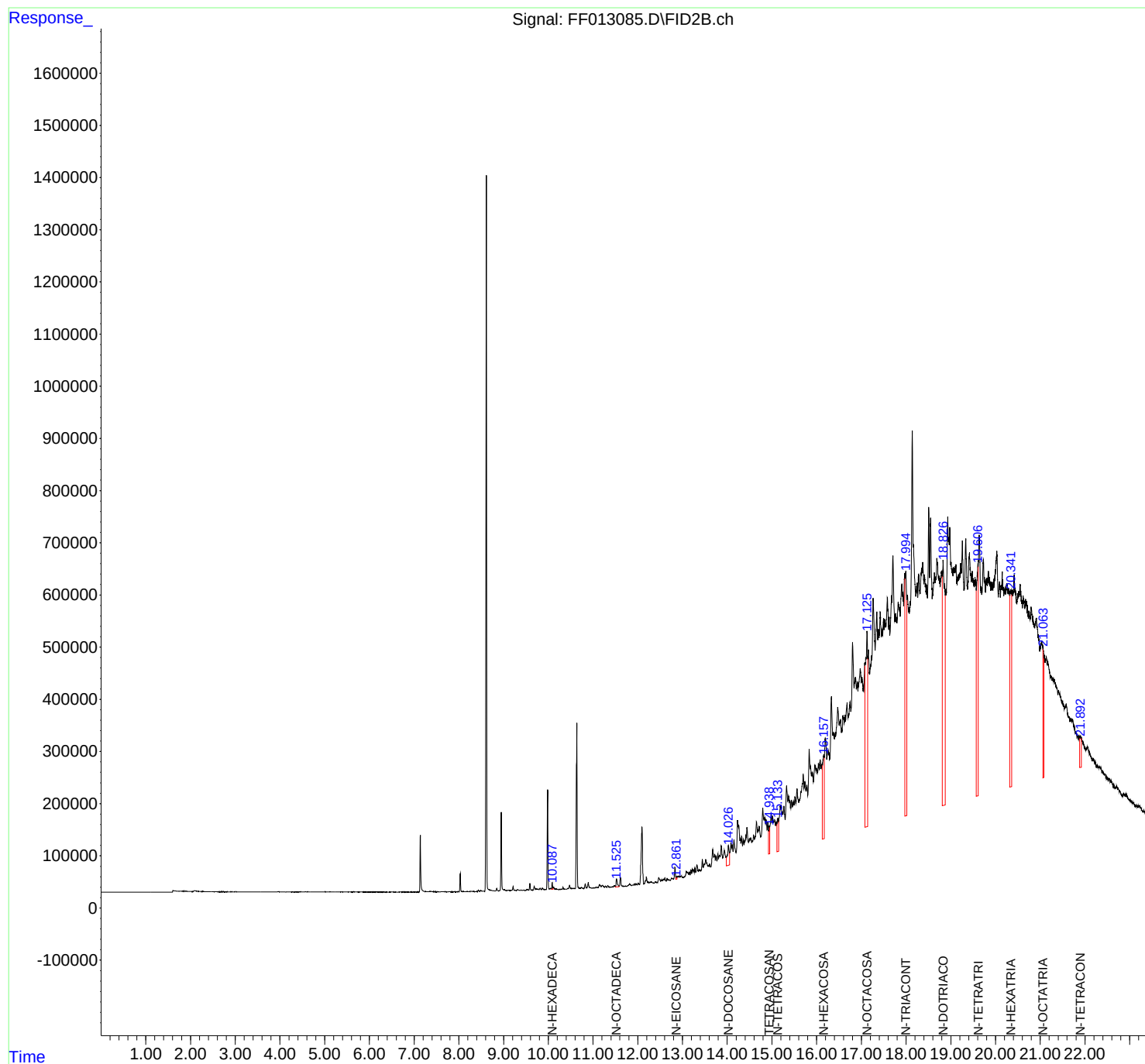
(f)=RT Delta > 1/2 Window

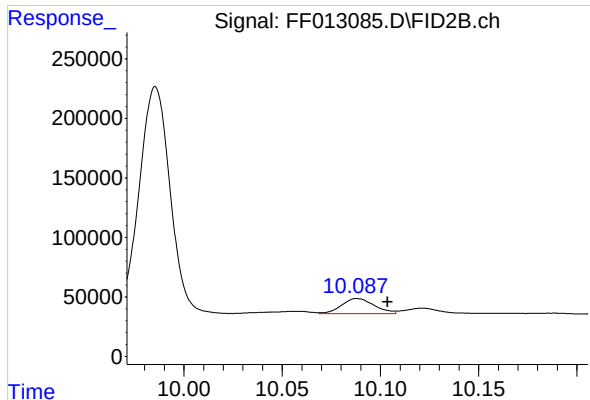
(m)=manual int.

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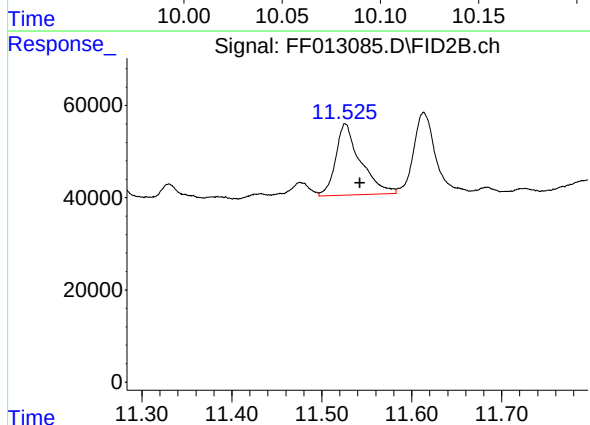
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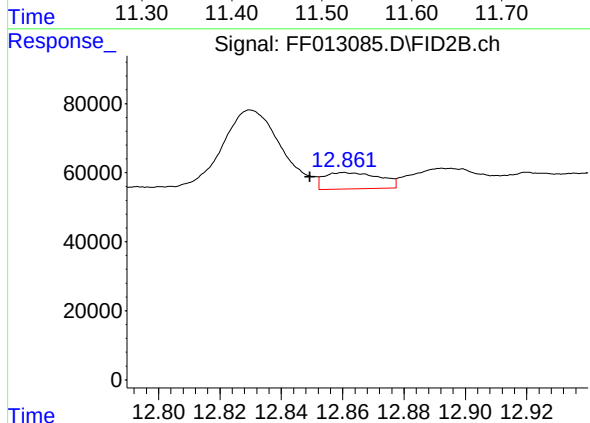
#5 N-HEXADECANE

R.T.: 10.088 min
Delta R.T.: -0.015 min
Response: 145976
Conc: 1.13 ug/ml



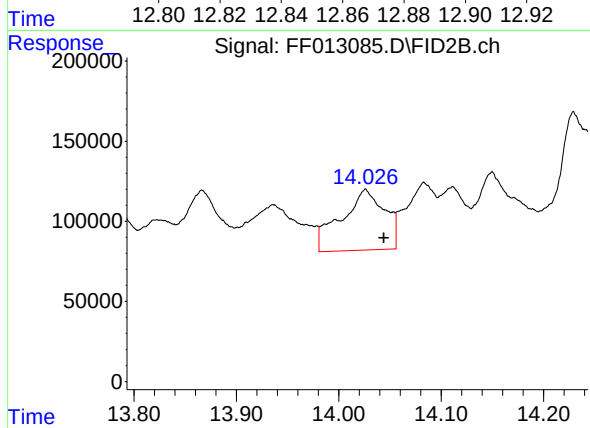
#6 N-OCTADECANE

R.T.: 11.526 min
Delta R.T.: -0.016 min
Response: 297225
Conc: 2.19 ug/ml



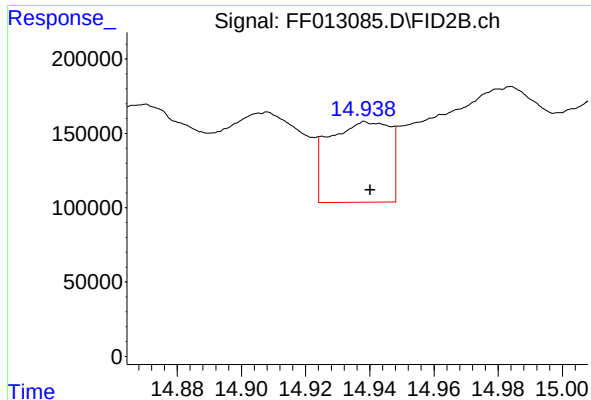
#7 N-EICOSANE

R.T.: 12.860 min
Delta R.T.: 0.011 min
Response: 59755
Conc: 0.44 ug/ml



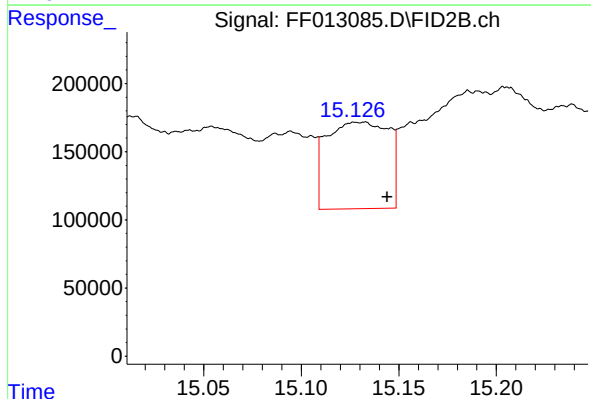
#8 N-DOCOSANE

R.T.: 14.026 min
Delta R.T.: -0.018 min
Response: 1120393
Conc: 8.28 ug/ml



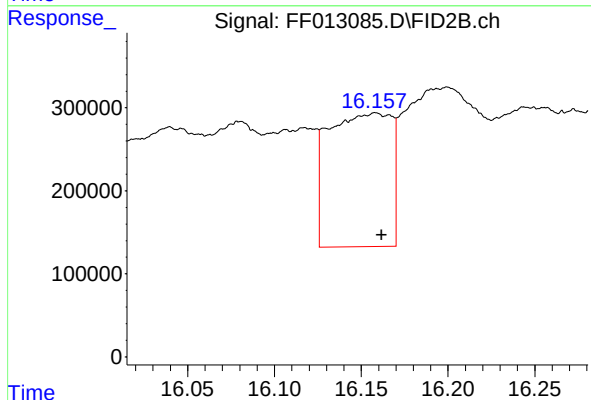
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.939 min
Delta R.T.: 0.000 min
Response: 710337
Conc: 5.98 ug/ml



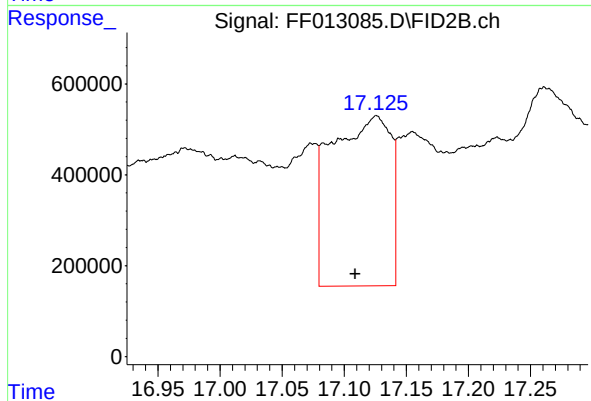
#10 N-TETRACOSANE

R.T.: 15.132 min
Delta R.T.: -0.012 min
Response: 1401598
Conc: 10.31 ug/ml



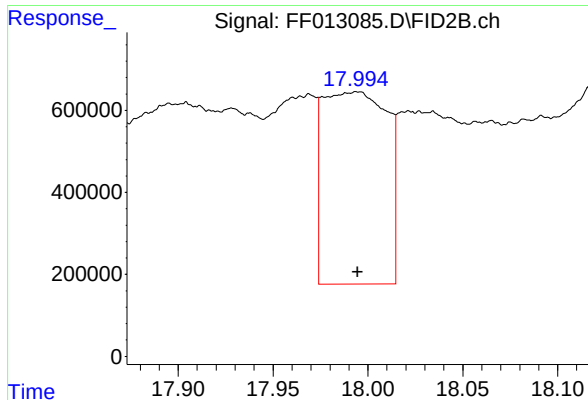
#11 N-HEXACOSANE

R.T.: 16.158 min
Delta R.T.: -0.004 min
Response: 4067802
Conc: 30.32 ug/ml



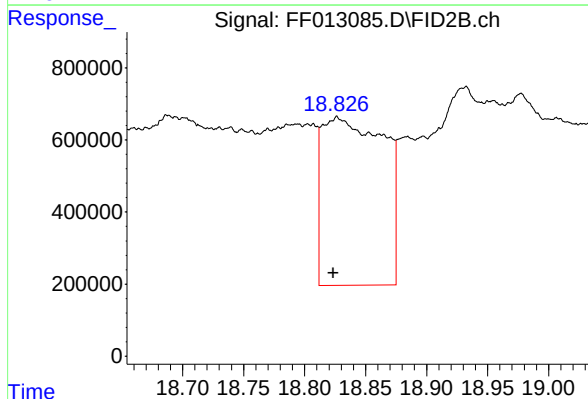
#12 N-OCTACOSANE

R.T.: 17.126 min
Delta R.T.: 0.017 min
Response: 12437271
Conc: 94.31 ug/ml



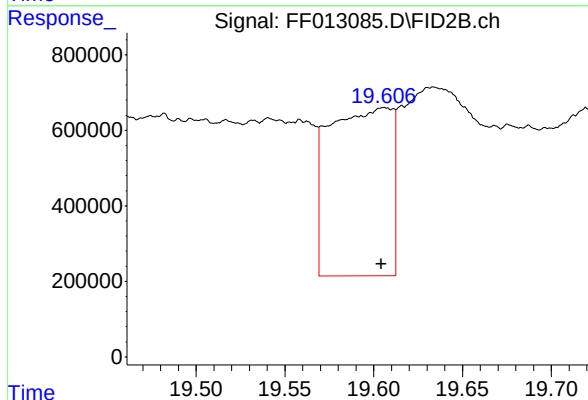
#13 N-TRIACONTANE

R.T.: 17.995 min
Delta R.T.: 0.000 min
Response: 10983743
Conc: 86.70 ug/ml



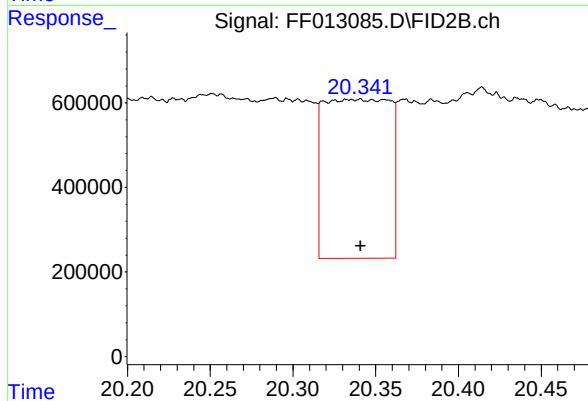
#14 N-DOTRIACONTANE

R.T.: 18.827 min
Delta R.T.: 0.003 min
Response: 16393264
Conc: 142.56 ug/ml



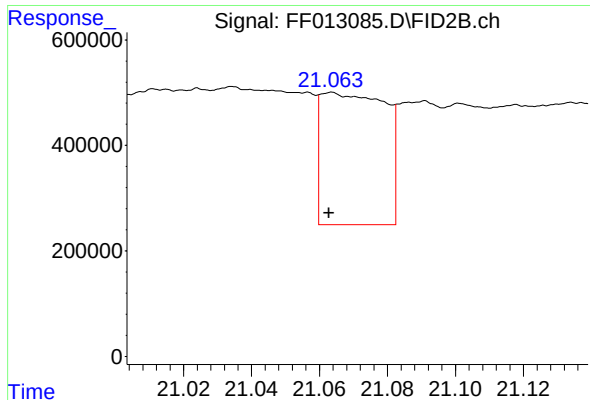
#15 N-TETRATRIACONTANE

R.T.: 19.606 min
Delta R.T.: 0.002 min
Response: 10963333
Conc: 109.32 ug/ml



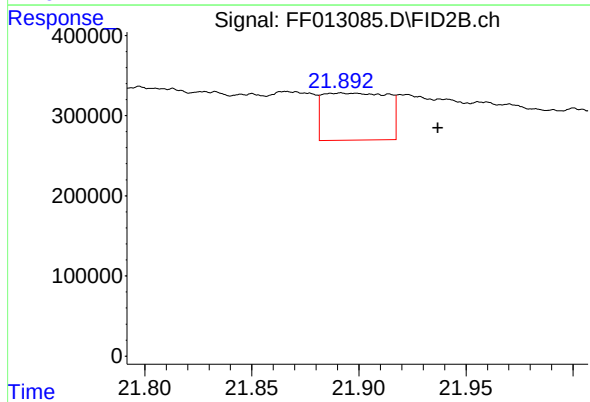
#16 N-HEXATRIACONTANE

R.T.: 20.340 min
Delta R.T.: 0.000 min
Response: 10399325
Conc: 120.98 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.063 min
Delta R.T.: 0.000 min
Response: 3278652
Conc: 43.55 ug/ml



#18 N-TETRACONTANE

R.T.: 21.892 min
Delta R.T.: -0.045 min
Response: 1241211
Conc: 17.88 ug/ml