

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072023\
 Data File : FF013083.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 12:08
 Operator : YP\AJ
 Sample : #6 FUEL OIL STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 01:35:03 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...	14.942	1060619	8.928 ug/ml
Target Compounds			
2) N-DECANE	4.520	59131	0.495 ug/ml
3) N-DODECANE	6.671	334314	2.739 ug/ml
4) N-TETRADECANE	8.489	806253	6.478 ug/ml
5) N-HEXADECANE	10.091	844761	6.527 ug/ml
6) N-OCTADECANE	11.527	528127	3.885 ug/ml
7) N-EICOSANE	12.865	742059	5.436 ug/ml
8) N-DOCOSANE	14.025	851414	6.294 ug/ml
10) N-TETRACOSANE	15.149	808755	5.950 ug/ml
11) N-HEXACOSANE	16.144	1701093	12.681 ug/ml
12) N-OCTACOSANE	17.085	2388872	18.114 ug/ml
13) N-TRIACONTANE	17.974	647000	5.107 ug/ml
14) N-DOTRIACONTANE	18.804	664212	5.776 ug/ml
15) N-TETRATRIACONTANE	19.584	274880	2.741 ug/ml
16) N-HEXATRIACONTANE	20.321	150596	1.752 ug/ml
17) N-OCTATRIACONTANE	21.038	127544	1.694 ug/ml
18) N-TETRACONTANE	21.902	117757	1.696 ug/ml

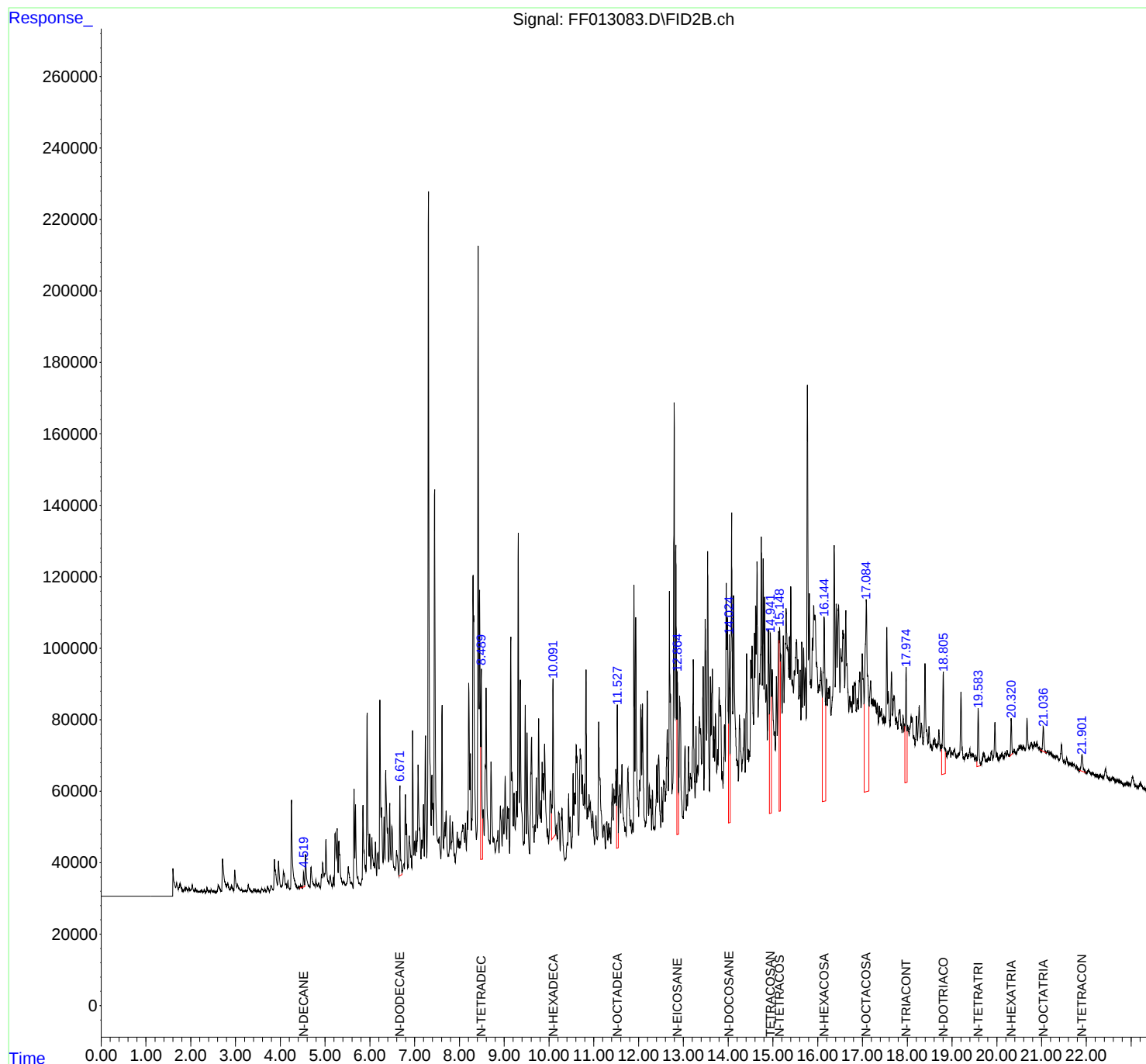
(f)=RT Delta > 1/2 Window

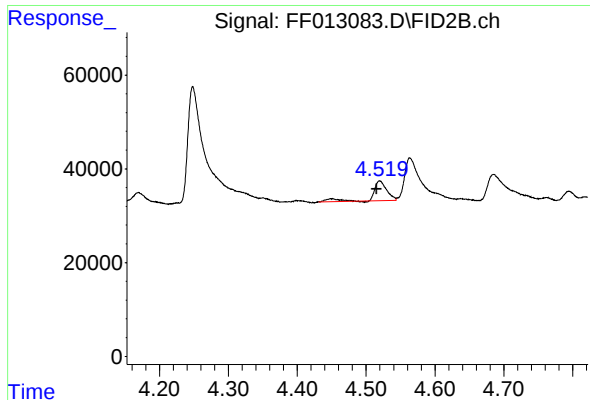
(m)=manual int.

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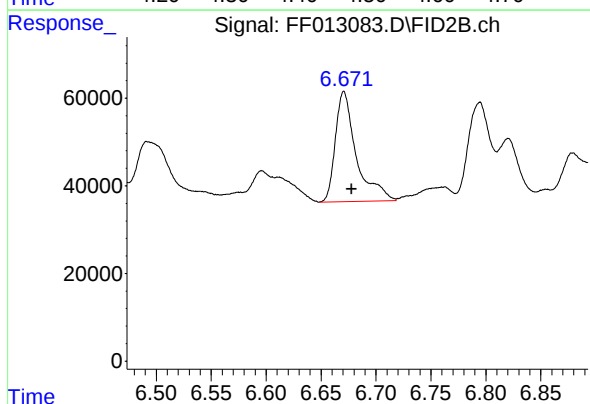
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





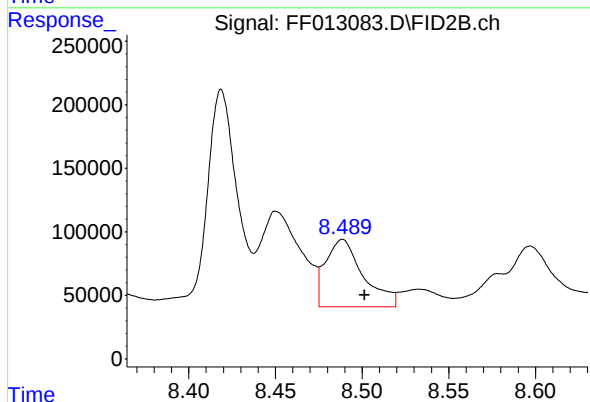
#2 N-DECANE

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 59131
Conc: 0.49 ug/ml



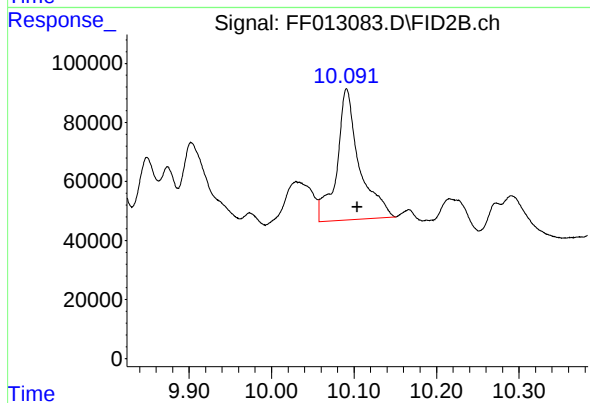
#3 N-DODECANE

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 334314
Conc: 2.74 ug/ml



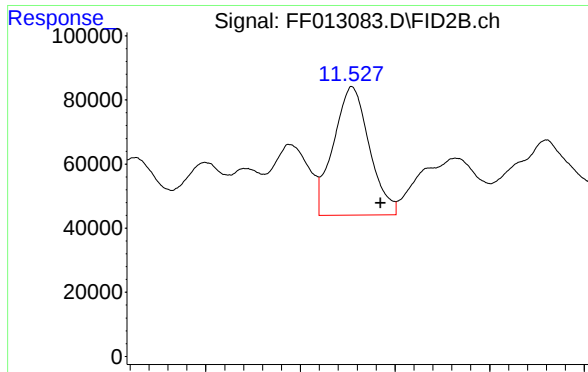
#4 N-TETRADECANE

R.T.: 8.489 min
Delta R.T.: -0.013 min
Response: 806253
Conc: 6.48 ug/ml



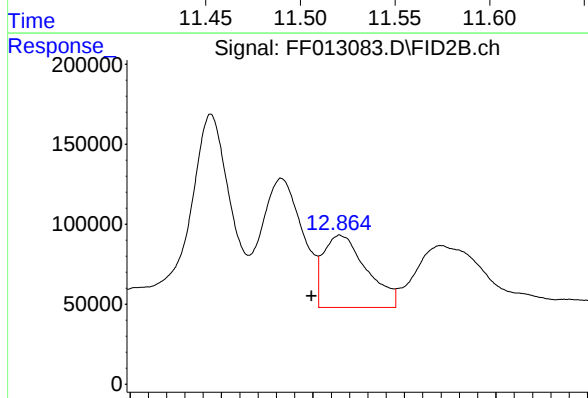
#5 N-HEXADECANE

R.T.: 10.091 min
Delta R.T.: -0.013 min
Response: 844761
Conc: 6.53 ug/ml



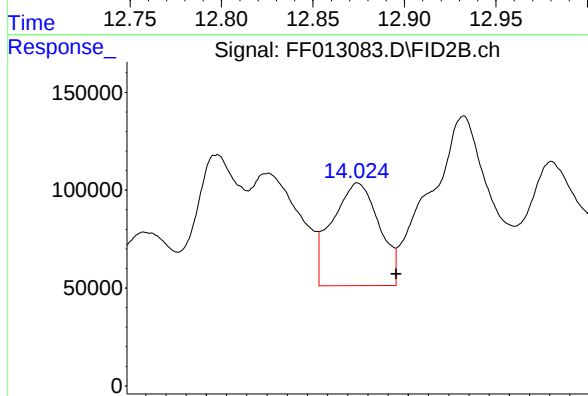
#6 N-OCTADECANE

R.T.: 11.527 min
Delta R.T.: -0.015 min
Response: 528127
Conc: 3.88 ug/ml



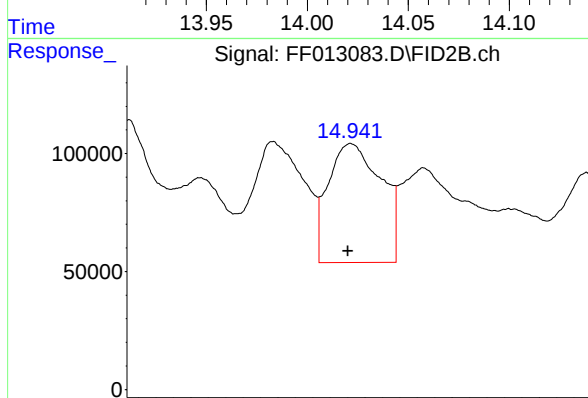
#7 N-EICOSANE

R.T.: 12.865 min
Delta R.T.: 0.015 min
Response: 742059
Conc: 5.44 ug/ml



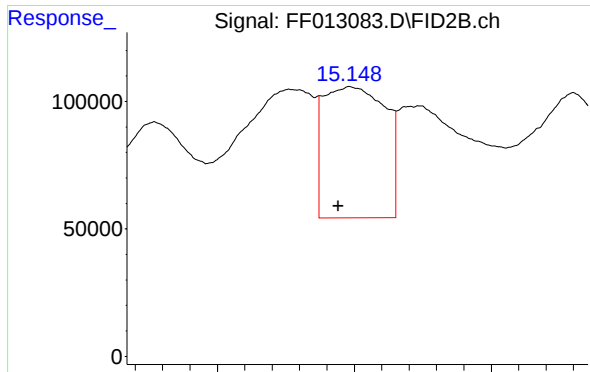
#8 N-DOCOSANE

R.T.: 14.025 min
Delta R.T.: -0.019 min
Response: 851414
Conc: 6.29 ug/ml



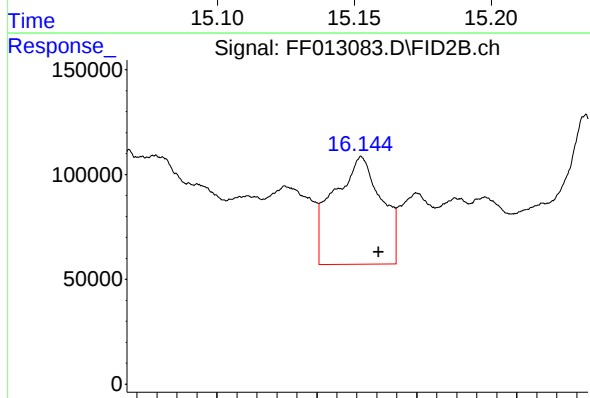
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.942 min
Delta R.T.: 0.002 min
Response: 1060619
Conc: 8.93 ug/ml



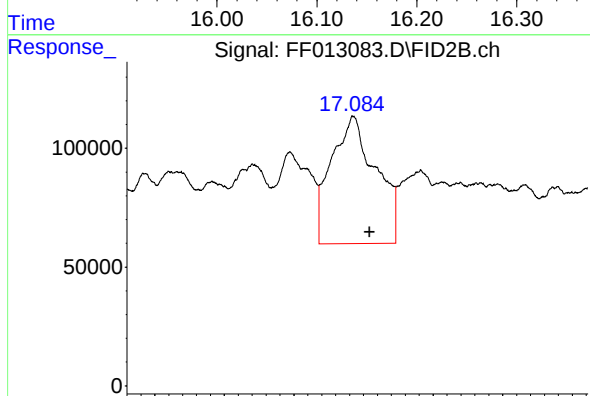
#10 N-TETRACOSANE

R.T.: 15.149 min
Delta R.T.: 0.005 min
Response: 808755
Conc: 5.95 ug/ml



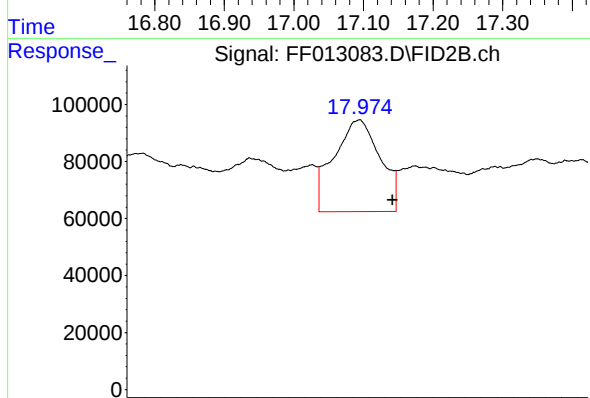
#11 N-HEXACOSANE

R.T.: 16.144 min
Delta R.T.: -0.018 min
Response: 1701093
Conc: 12.68 ug/ml



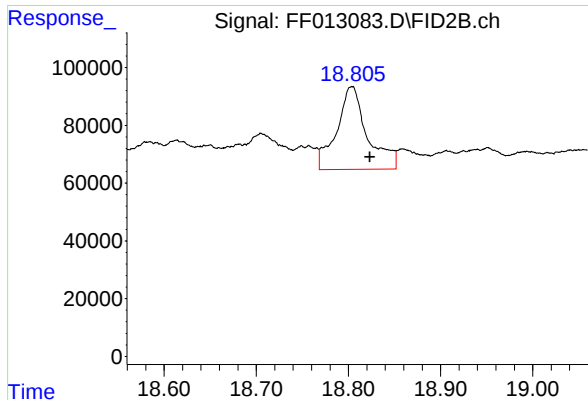
#12 N-OCTACOSANE

R.T.: 17.085 min
Delta R.T.: -0.024 min
Response: 2388872
Conc: 18.11 ug/ml



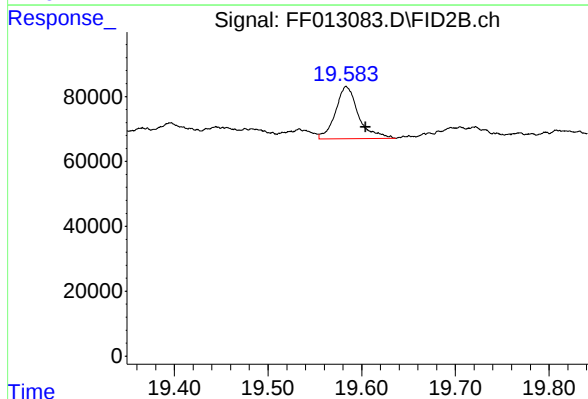
#13 N-TRIACONTANE

R.T.: 17.974 min
Delta R.T.: -0.021 min
Response: 647000
Conc: 5.11 ug/ml



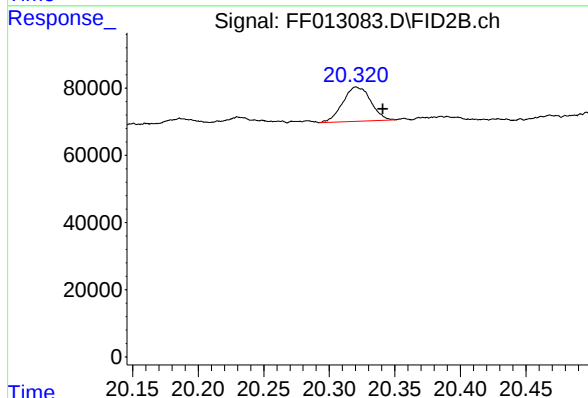
#14 N-DOTRIACONTANE

R.T.: 18.804 min
Delta R.T.: -0.020 min
Response: 664212
Conc: 5.78 ug/ml



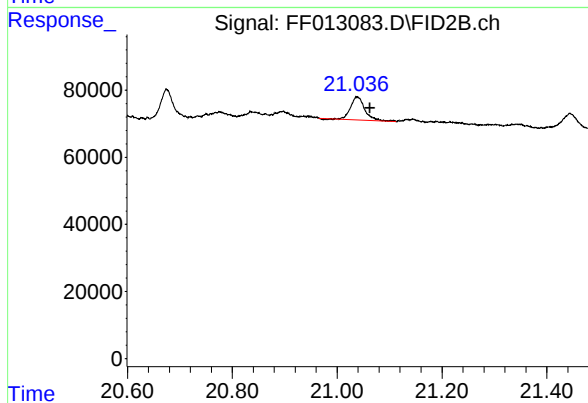
#15 N-TETRATRIACONTANE

R.T.: 19.584 min
Delta R.T.: -0.021 min
Response: 274880
Conc: 2.74 ug/ml



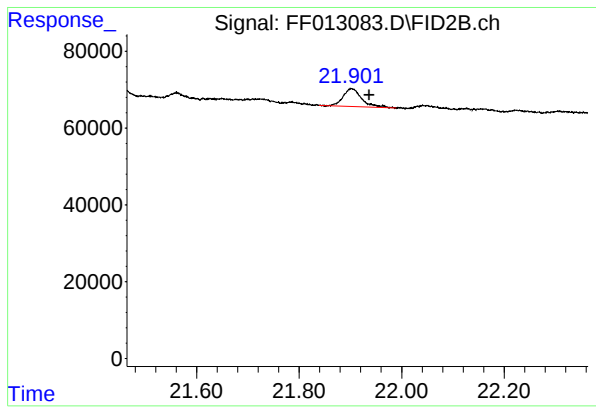
#16 N-HEXATRIACONTANE

R.T.: 20.321 min
Delta R.T.: -0.020 min
Response: 150596
Conc: 1.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.038 min
Delta R.T.: -0.025 min
Response: 127544
Conc: 1.69 ug/ml



#18 N-TETRACONTANE

R.T.: 21.902 min
Delta R.T.: -0.035 min
Response: 117757
Conc: 1.70 ug/ml