

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072023\
 Data File : FF013089.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 15:11
 Operator : YP\AJ
 Sample : COAL TAR
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 01:35:49 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...	14.909	2757200	23.209 ug/ml
Target Compounds			
2) N-DECANE	4.552	60907	0.509 ug/ml
3) N-DODECANE	6.718	130189455	1066.753 ug/ml
4) N-TETRADECANE	8.494	38196551	306.889 ug/ml
5) N-HEXADECANE	10.108	13416180	103.663 ug/ml
6) N-OCTADECANE	11.549	19739114	145.199 ug/ml
7) N-EICOSANE	12.859	6667822	48.845 ug/ml
8) N-DOCOSANE	14.023	8431321	62.325 ug/ml
10) N-TETRACOSANE	15.154	71541875	526.309 ug/ml
11) N-HEXACOSANE	16.167	1280641	9.547 ug/ml
12) N-OCTACOSANE	17.074	20150973	152.796 ug/ml
13) N-TRIACONTANE	17.982	854629	6.746 ug/ml
14) N-DOTRIACONTANE	18.816	2559975	22.262 ug/ml
15) N-TETRATRIACONTANE	19.586	346594	3.456 ug/ml
16) N-HEXATRIACONTANE	20.320	768057	8.935 ug/ml
17) N-OCTATRIACONTANE	21.049	224356	2.980 ug/ml

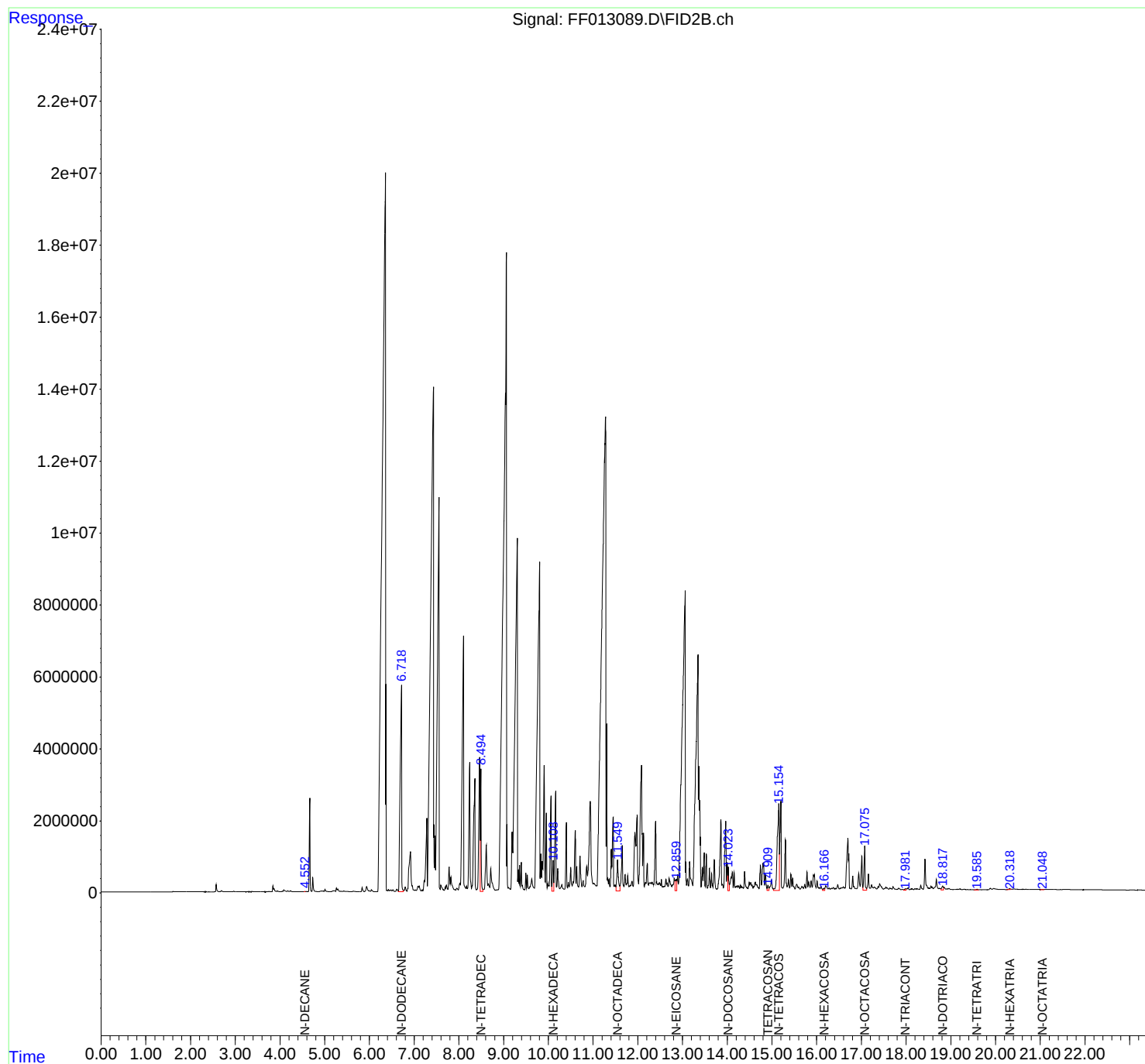
(f)=RT Delta > 1/2 Window

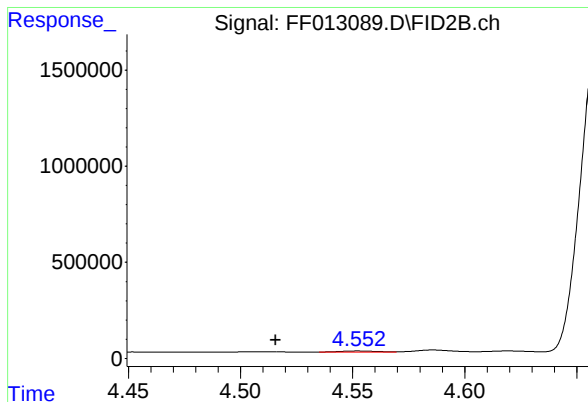
(m)=manual int.

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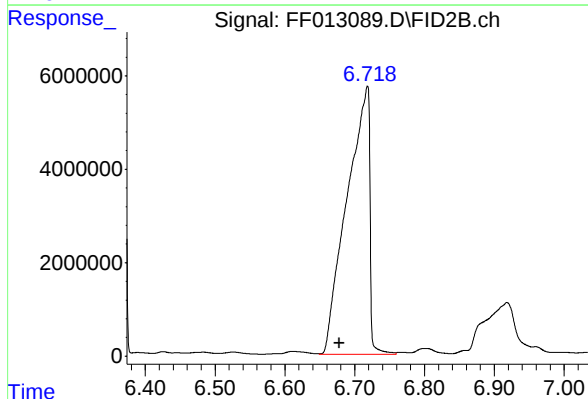
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





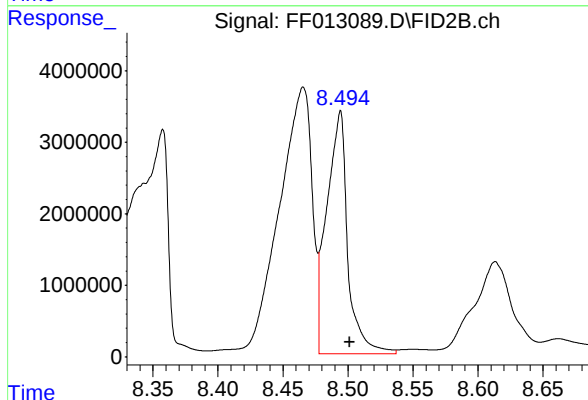
#2 N-DECANE

R.T.: 4.552 min
Delta R.T.: 0.037 min
Response: 60907
Conc: 0.51 ug/ml



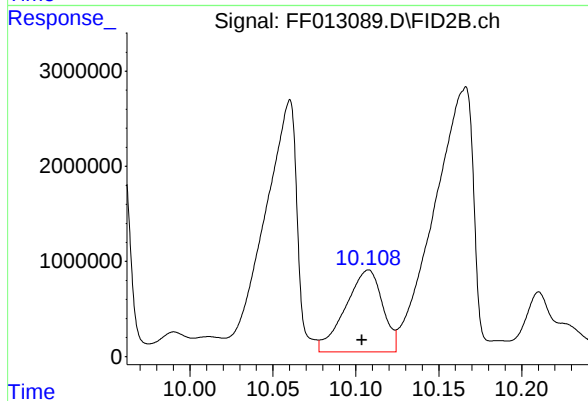
#3 N-DODECANE

R.T.: 6.718 min
Delta R.T.: 0.040 min
Response: 130189455
Conc: 1066.75 ug/ml



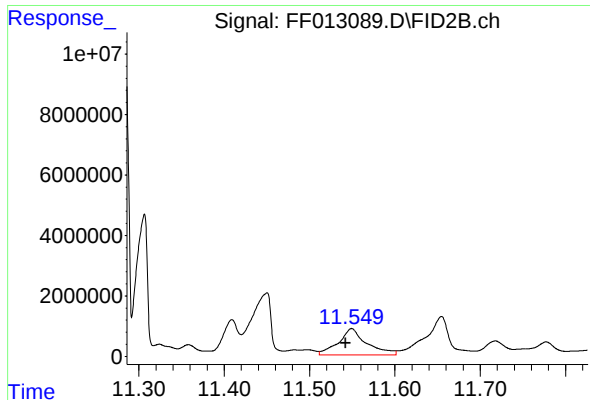
#4 N-TETRADECANE

R.T.: 8.494 min
Delta R.T.: -0.008 min
Response: 38196551
Conc: 306.89 ug/ml



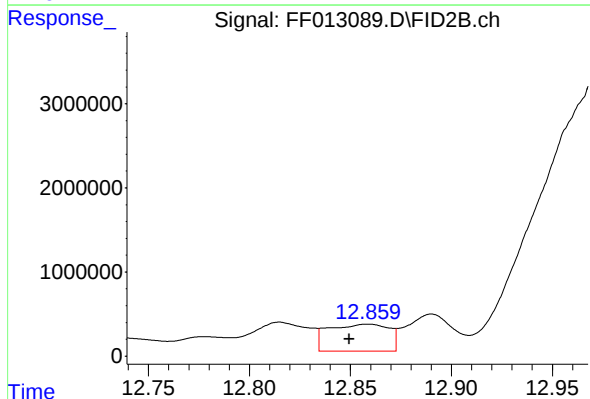
#5 N-HEXADECANE

R.T.: 10.108 min
Delta R.T.: 0.004 min
Response: 13416180
Conc: 103.66 ug/ml



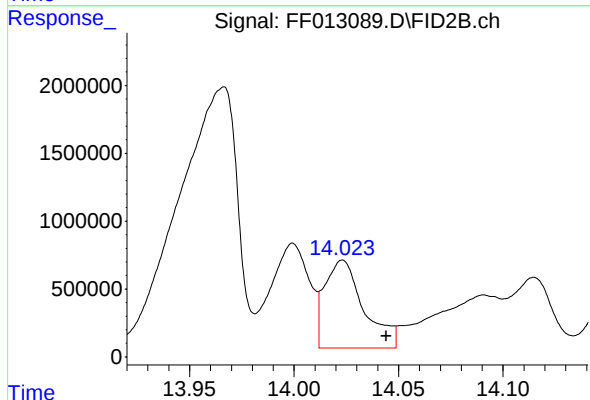
#6 N-OCTADECANE

R.T.: 11.549 min
Delta R.T.: 0.007 min
Response: 19739114
Conc: 145.20 ug/ml



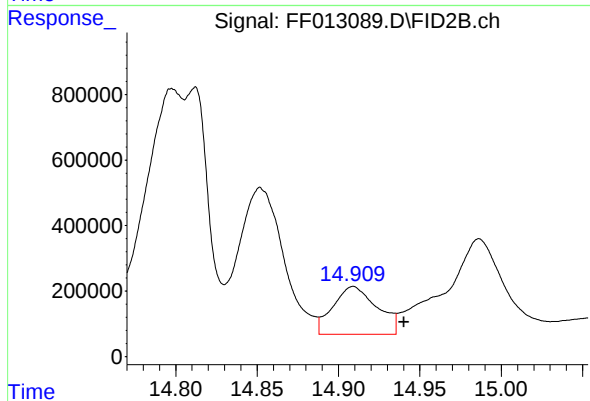
#7 N-EICOSANE

R.T.: 12.859 min
Delta R.T.: 0.009 min
Response: 6667822
Conc: 48.85 ug/ml



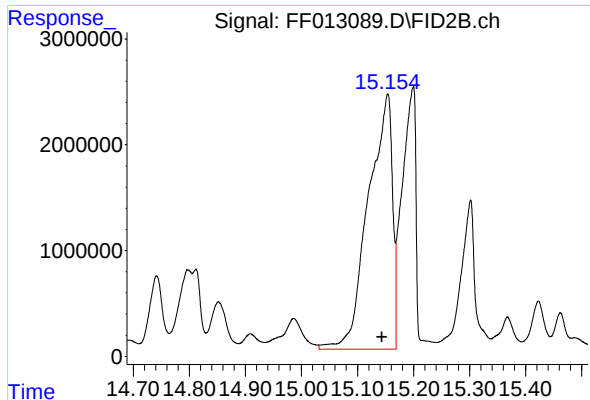
#8 N-DOCOSANE

R.T.: 14.023 min
Delta R.T.: -0.021 min
Response: 8431321
Conc: 62.32 ug/ml



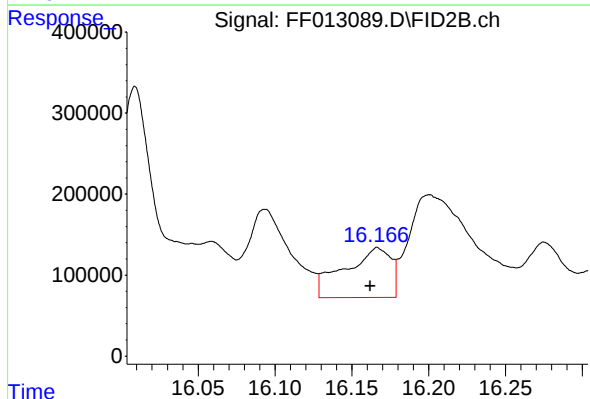
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.909 min
Delta R.T.: -0.031 min
Response: 2757200
Conc: 23.21 ug/ml



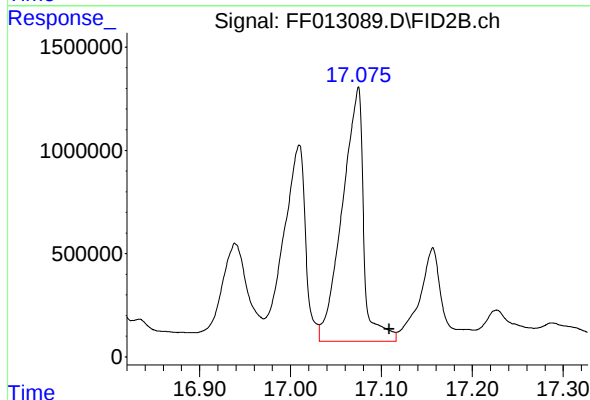
#10 N-TETRACOSANE

R.T.: 15.154 min
Delta R.T.: 0.010 min
Response: 71541875
Conc: 526.31 ug/ml



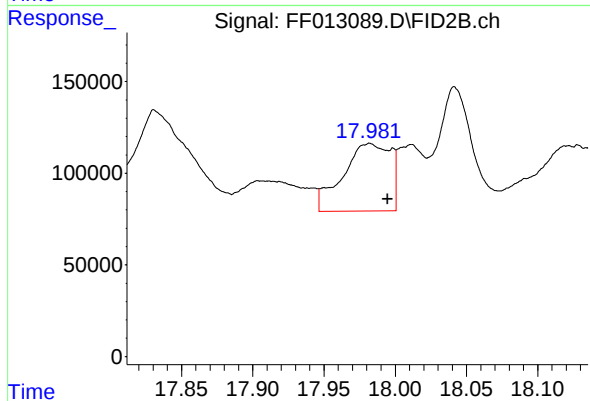
#11 N-HEXACOSANE

R.T.: 16.167 min
Delta R.T.: 0.005 min
Response: 1280641
Conc: 9.55 ug/ml



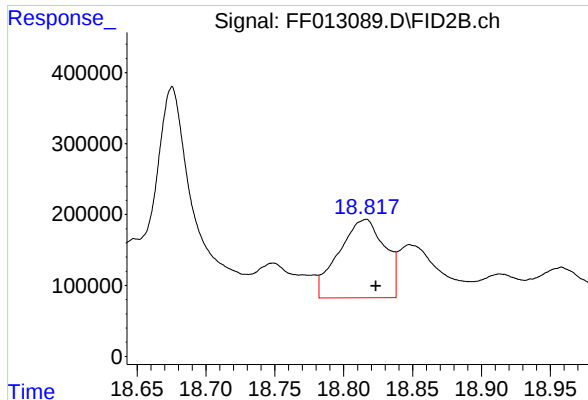
#12 N-OCTACOSANE

R.T.: 17.074 min
Delta R.T.: -0.034 min
Response: 20150973
Conc: 152.80 ug/ml



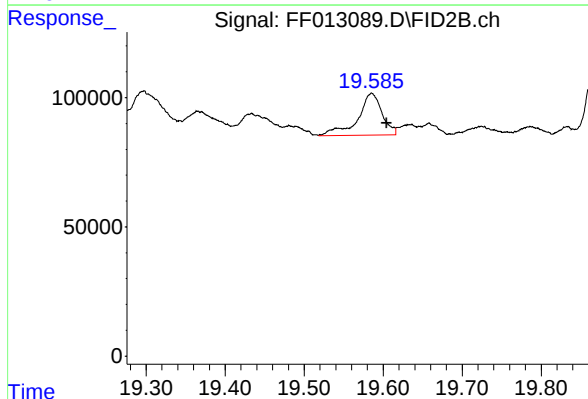
#13 N-TRIACONTANE

R.T.: 17.982 min
Delta R.T.: -0.012 min
Response: 854629
Conc: 6.75 ug/ml



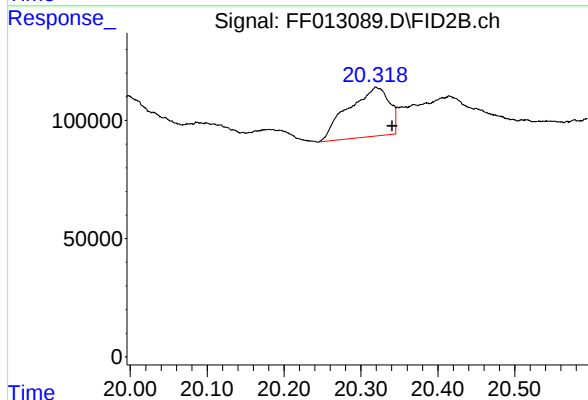
#14 N-DOTRIACONTANE

R.T.: 18.816 min
Delta R.T.: -0.007 min
Response: 2559975
Conc: 22.26 ug/ml



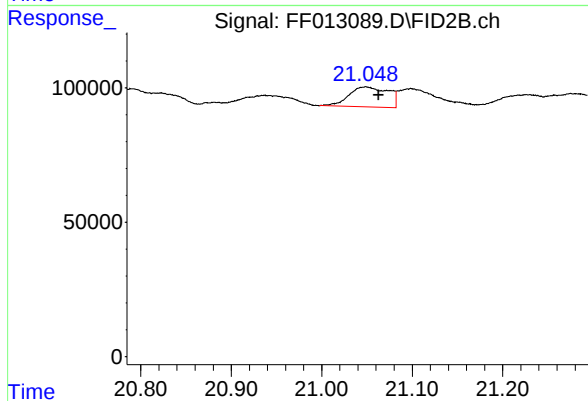
#15 N-TETRATRIACONTANE

R.T.: 19.586 min
Delta R.T.: -0.019 min
Response: 346594
Conc: 3.46 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.320 min
Delta R.T.: -0.021 min
Response: 768057
Conc: 8.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.049 min
Delta R.T.: -0.014 min
Response: 224356
Conc: 2.98 ug/ml