

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120423\
 Data File : FF013783.D
 Signal(s) : FID2B.ch
 Acq On : 04 Dec 2023 12:10
 Operator : YP\AJ
 Sample : COAL TAR
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 04 22:56:36 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...	14.946	1763861	15.437 ug/ml
Target Compounds			
1) N-OCTANE	1.960	37543	0.312 ug/ml
2) N-DECANE	4.560	88189	0.728 ug/ml
3) N-DODECANE	6.734f	136232584	1103.030 ug/ml
4) N-TETRADECANE	8.519	38393919	310.783 ug/ml
5) N-HEXADECANE	10.114	4713384	37.786 ug/ml
6) N-OCTADECANE	11.559	4100698	32.911 ug/ml
7) N-EICOSANE	12.845	7599676	60.994 ug/ml
8) N-DOCOSANE	14.061	7762636	63.900 ug/ml
10) N-TETRACOSANE	15.189	70353453	582.469 ug/ml
11) N-HEXACOSANE	16.193	1263368	10.706 ug/ml
12) N-OCTACOSANE	17.155	548267	4.764 ug/ml
13) N-TRIACONTANE	18.055	1710368	15.178 ug/ml
14) N-DOTRIACONTANE	18.834	3403907	31.428 ug/ml
15) N-TETRATRIACONTANE	19.662	573837	6.153 ug/ml
16) N-HEXATRIACONTANE	20.398	103769	1.419 ug/ml
18) N-TETRACONTANE	22.018	128027	2.035 ug/ml

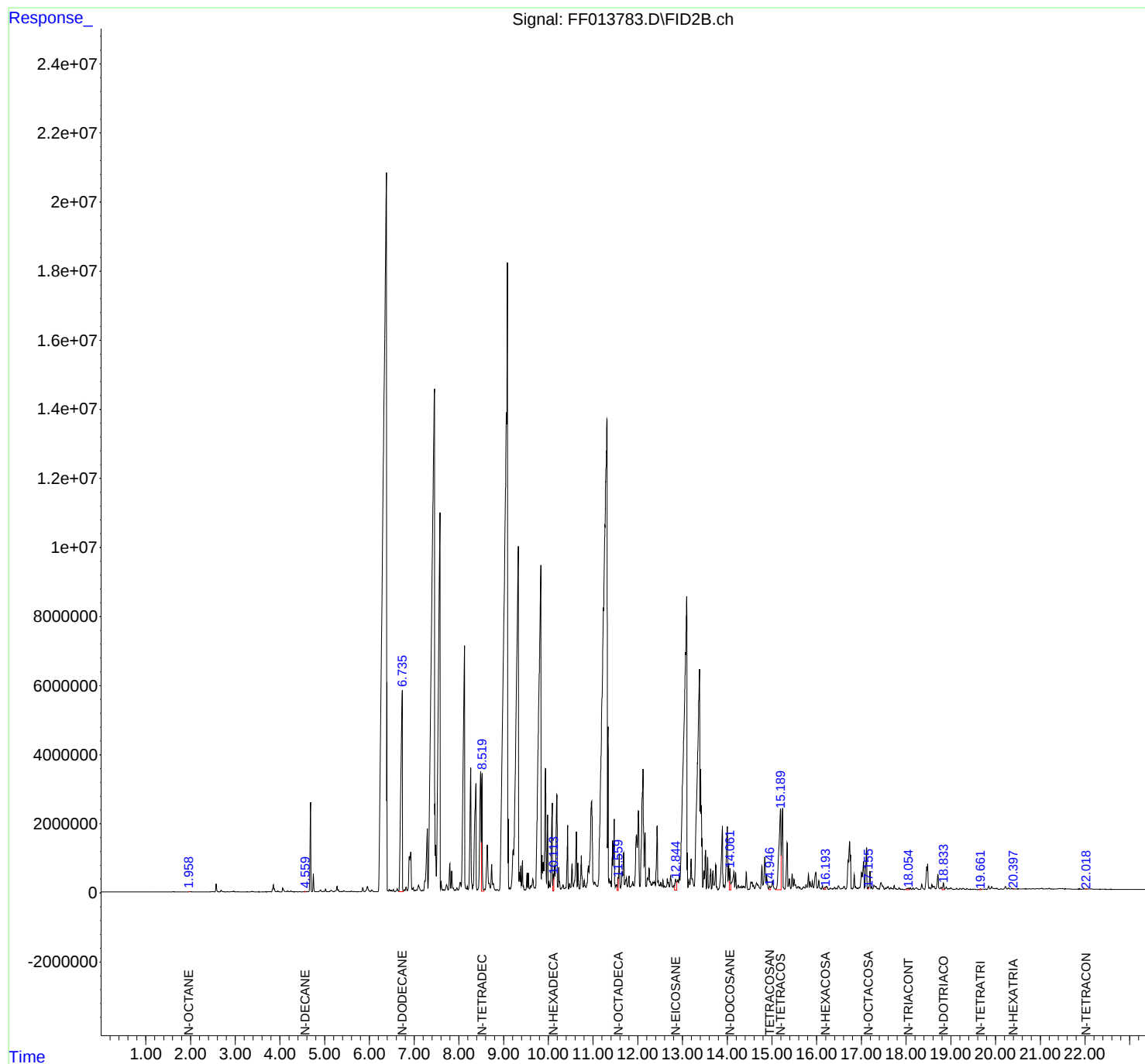
(f)=RT Delta > 1/2 Window

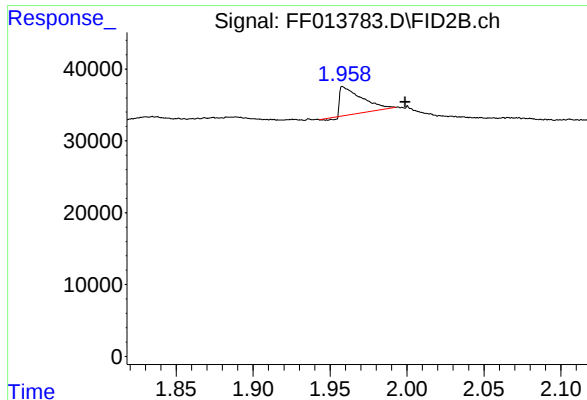
(m)=manual int.

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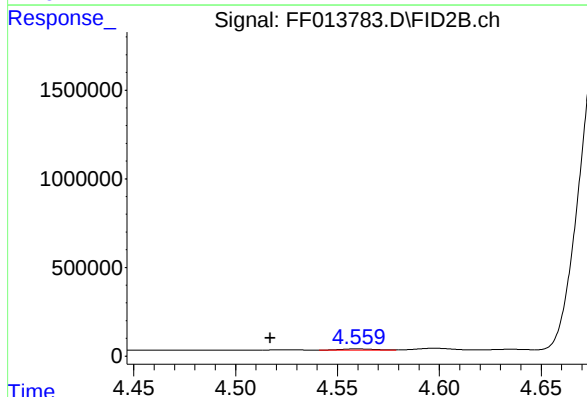
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





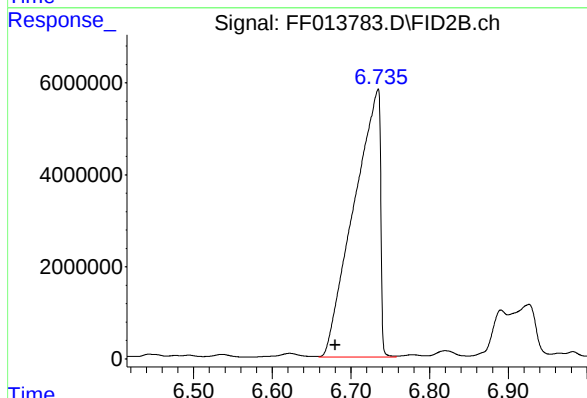
#1 N-OCTANE

R.T.: 1.960 min
Delta R.T.: -0.039 min
Response: 37543
Conc: 0.31 ug/ml



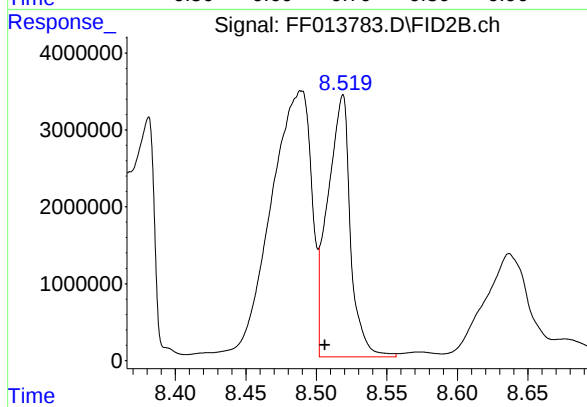
#2 N-DECANE

R.T.: 4.560 min
Delta R.T.: 0.043 min
Response: 88189
Conc: 0.73 ug/ml



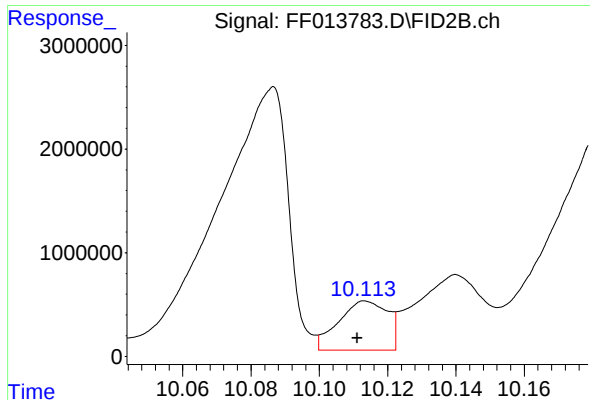
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.054 min
Response: 136232584
Conc: 1103.03 ug/ml



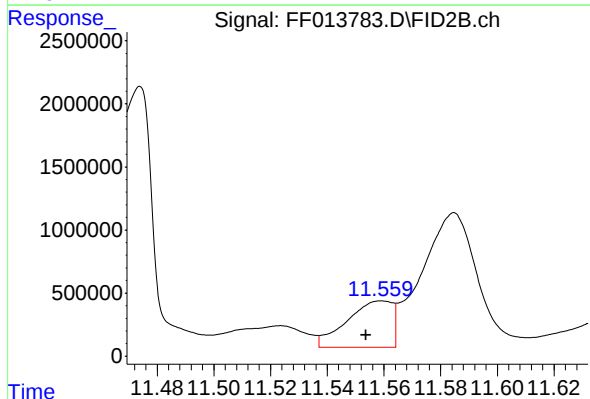
#4 N-TETRADECANE

R.T.: 8.519 min
Delta R.T.: 0.013 min
Response: 38393919
Conc: 310.78 ug/ml



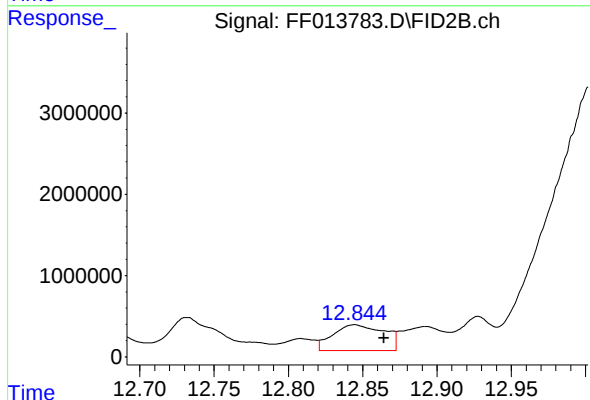
#5 N-HEXADECANE

R.T.: 10.114 min
Delta R.T.: 0.003 min
Response: 4713384
Conc: 37.79 ug/ml



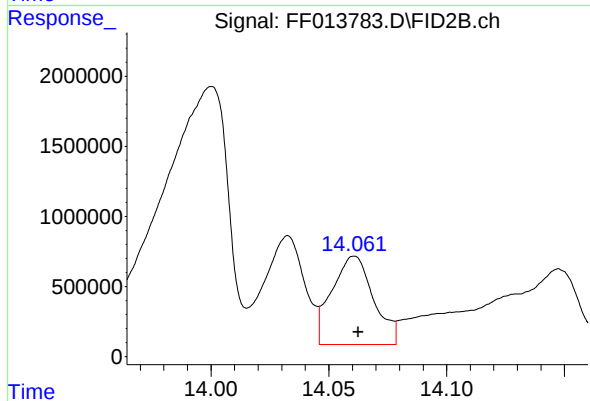
#6 N-OCTADECANE

R.T.: 11.559 min
Delta R.T.: 0.006 min
Response: 4100698
Conc: 32.91 ug/ml



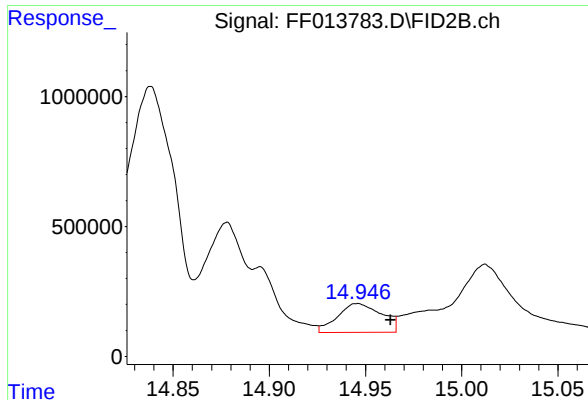
#7 N-EICOSANE

R.T.: 12.845 min
Delta R.T.: -0.020 min
Response: 7599676
Conc: 60.99 ug/ml



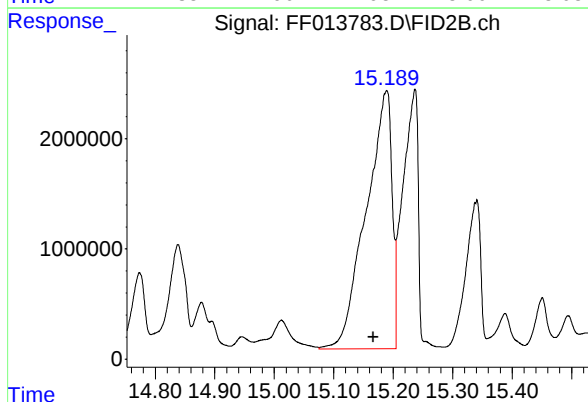
#8 N-DOCOSANE

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 7762636
Conc: 63.90 ug/ml



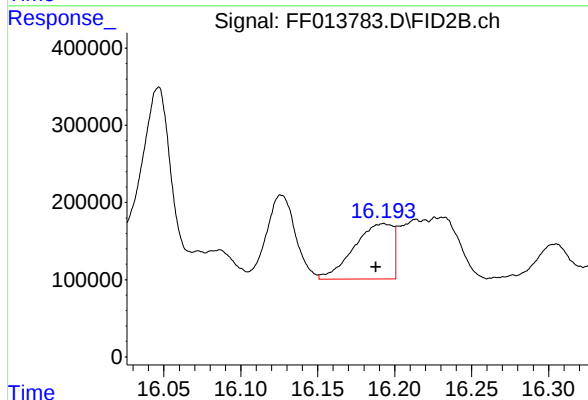
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.946 min
Delta R.T.: -0.017 min
Response: 1763861
Conc: 15.44 ug/ml



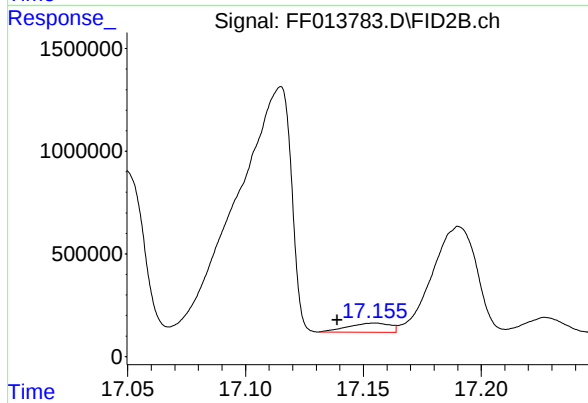
#10 N-TETRACOSANE

R.T.: 15.189 min
Delta R.T.: 0.022 min
Response: 70353453
Conc: 582.47 ug/ml



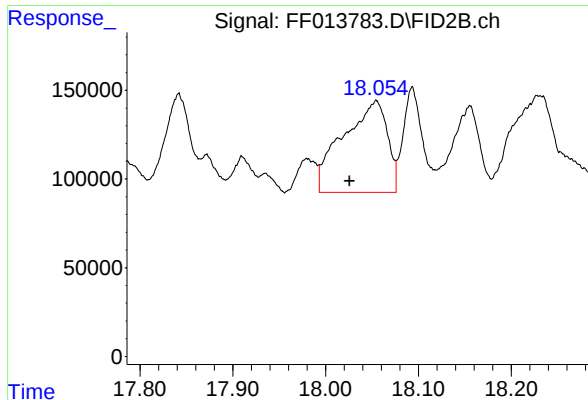
#11 N-HEXACOSANE

R.T.: 16.193 min
Delta R.T.: 0.005 min
Response: 1263368
Conc: 10.71 ug/ml



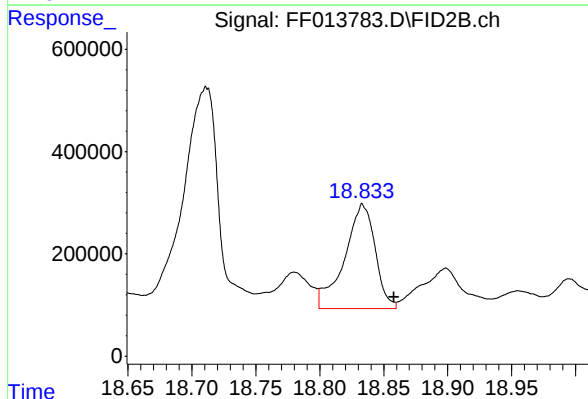
#12 N-OCTACOSANE

R.T.: 17.155 min
Delta R.T.: 0.016 min
Response: 548267
Conc: 4.76 ug/ml



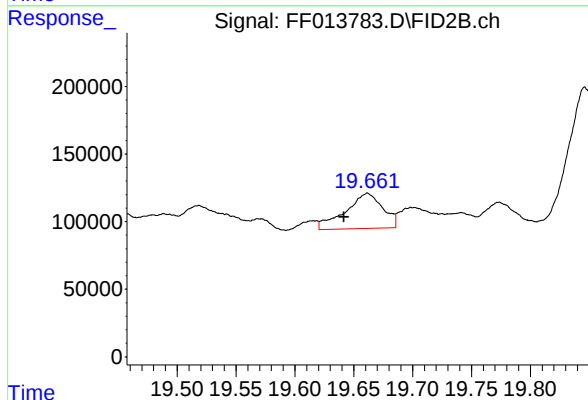
#13 N-TRIACONTANE

R.T.: 18.055 min
Delta R.T.: 0.028 min
Response: 1710368
Conc: 15.18 ug/ml



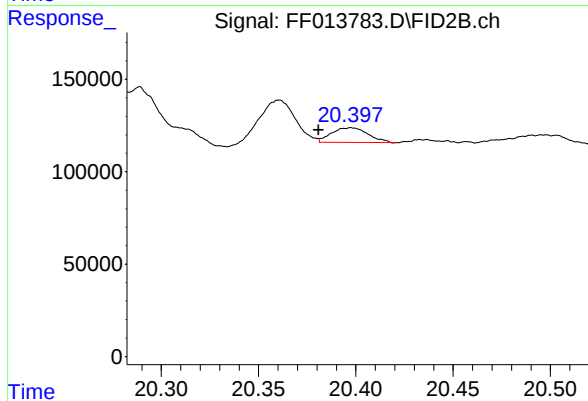
#14 N-DOTRIACONTANE

R.T.: 18.834 min
Delta R.T.: -0.024 min
Response: 3403907
Conc: 31.43 ug/ml



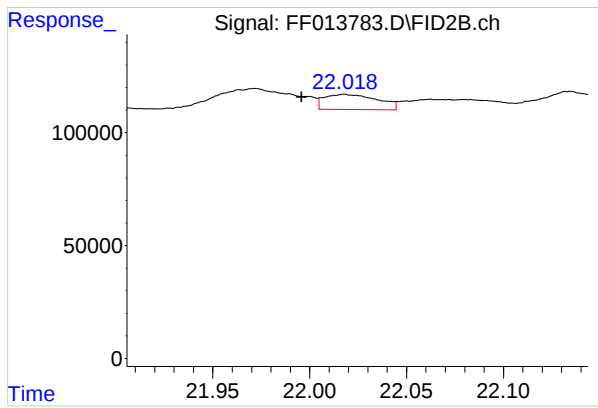
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: 0.020 min
Response: 573837
Conc: 6.15 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: 0.017 min
Response: 103769
Conc: 1.42 ug/ml



#18 N-TETRACONTANE

R.T.: 22.018 min
Delta R.T.: 0.022 min
Response: 128027
Conc: 2.03 ug/ml