

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092923\
 Data File : FG012948.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2023 10:29
 Operator : YP\AJ
 Sample : MOTOR OIL 40
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 03:43:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 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...	15.066	238892	2.108 ug/ml
Target Compounds			
4) N-TETRADECANE	8.602	55095	0.466 ug/ml
5) N-HEXADECANE	10.213	193055	1.596 ug/ml
6) N-OCTADECANE	11.659	214939	1.761 ug/ml
7) N-EICOSANE	12.974	348665	2.848 ug/ml
8) N-DOCOSANE	14.180	477017	4.002 ug/ml
10) N-TETRACOSANE	15.285	141111	1.177 ug/ml
11) N-HEXACOSANE	16.314	356447	3.010 ug/ml
12) N-OCTACOSANE	17.242	1541479	13.169 ug/ml
13) N-TRIACONTANE	18.170	8478448	73.446 ug/ml
14) N-DOTRIACONTANE	18.980	4054384	36.455 ug/ml
15) N-TETRATRIACONTANE	19.762	216258	2.290 ug/ml
16) N-HEXATRIACONTANE	20.498	392546	5.312 ug/ml
17) N-OCTATRIACONTANE	21.267	165647	2.500 ug/ml
18) N-TETRACONTANE	22.185	260605	4.133 ug/ml

(f)=RT Delta > 1/2 Window

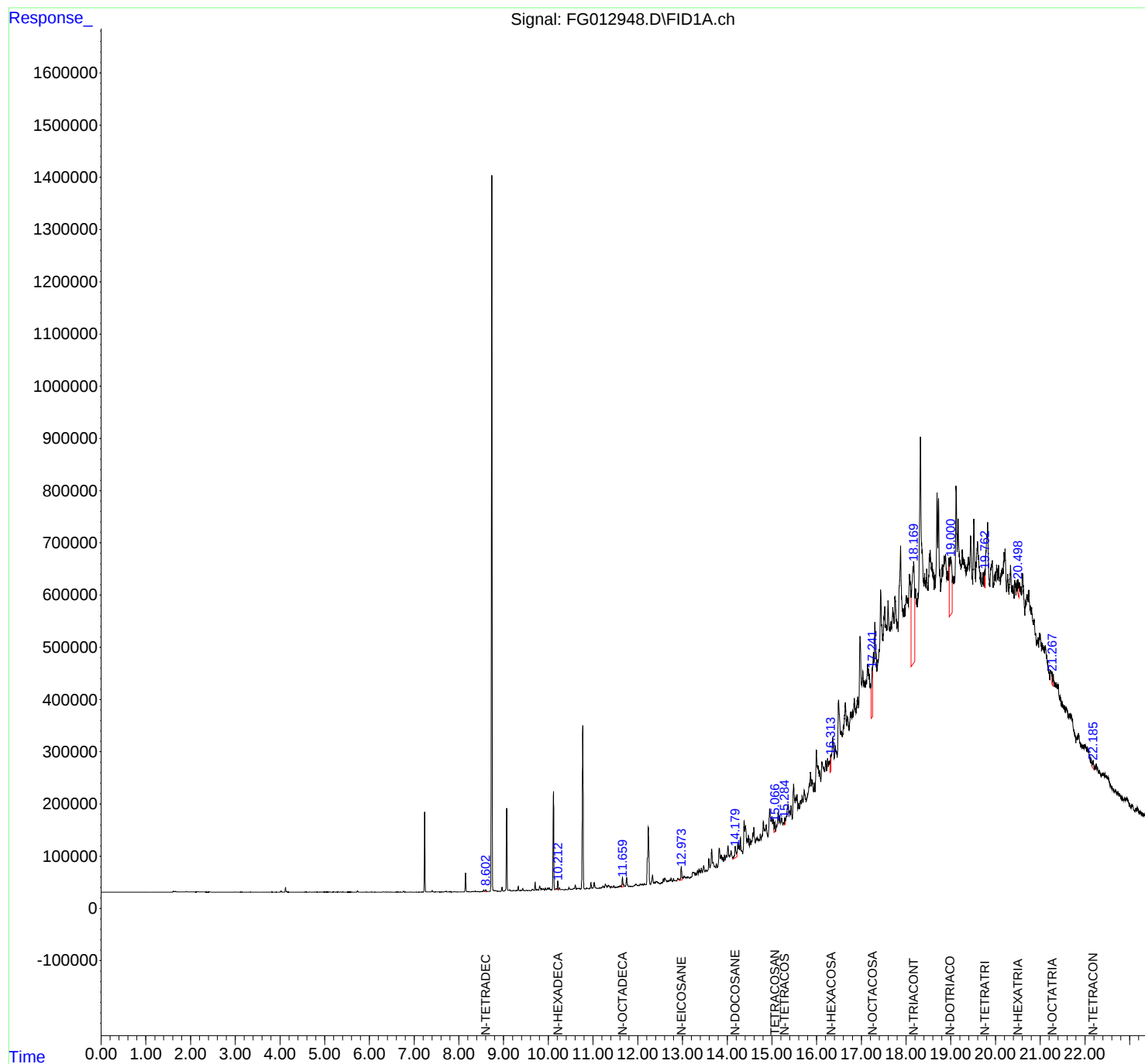
(m)=manual int.

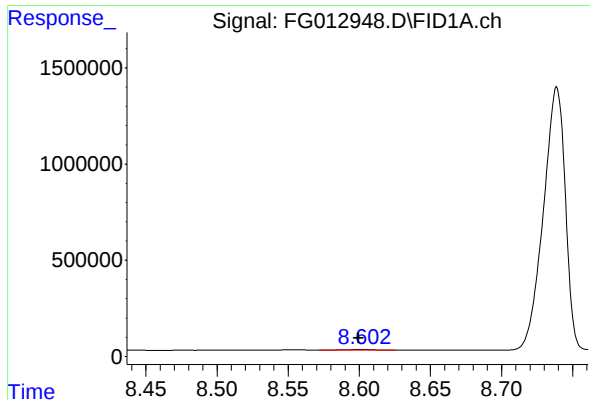
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

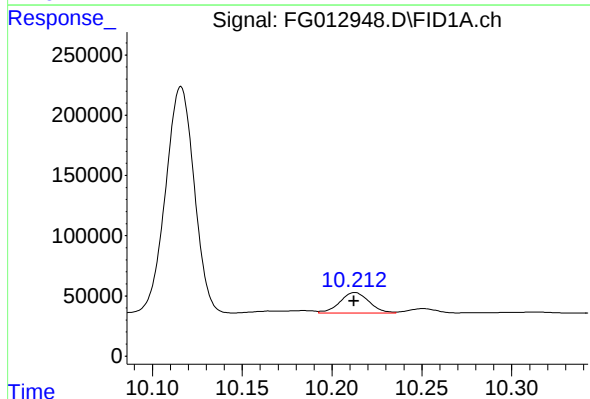




#4 N-TETRADECANE

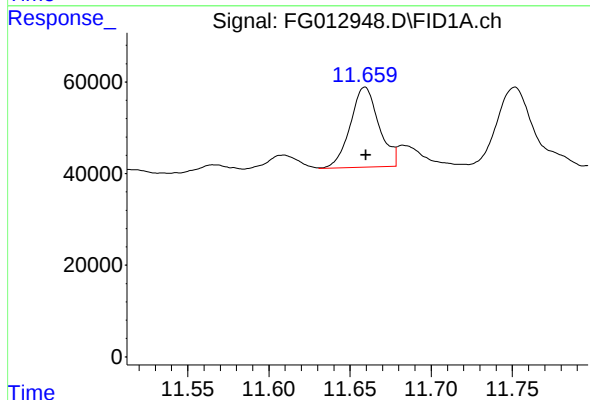
R.T.: 8.602 min
Delta R.T.: 0.002 min
Response: 55095
Conc: 0.47 ug/ml

Instrument :
FID_G
ClientSampleId :



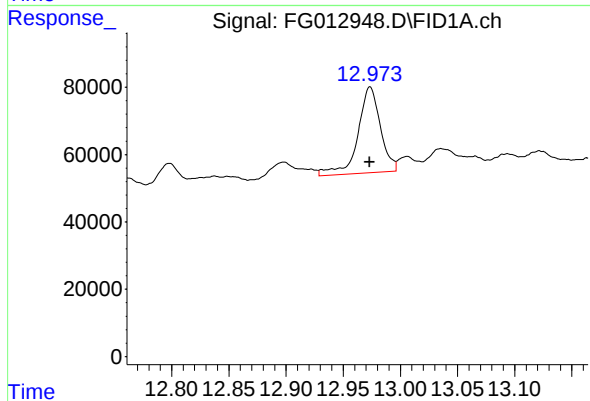
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 193055
Conc: 1.60 ug/ml



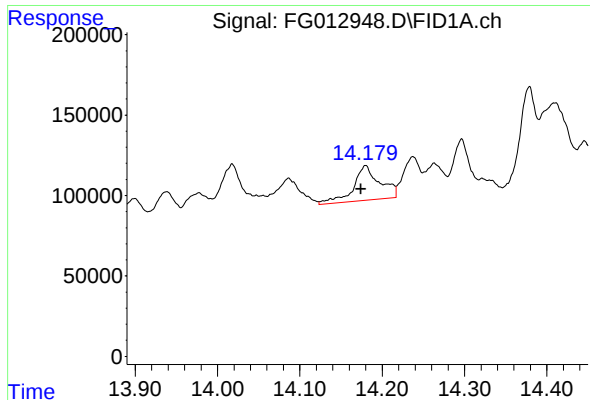
#6 N-OCTADECANE

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 214939
Conc: 1.76 ug/ml



#7 N-EICOSANE

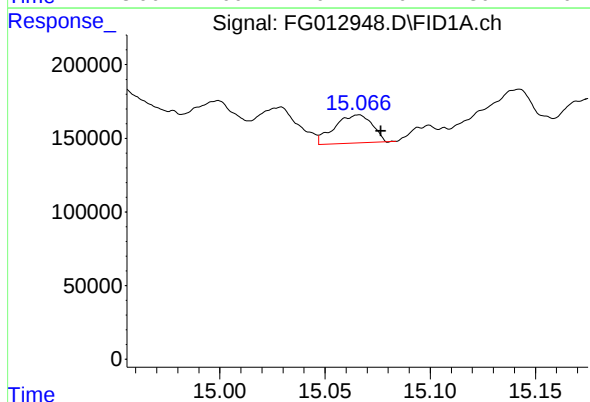
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 348665
Conc: 2.85 ug/ml



#8 N-DOCOSANE

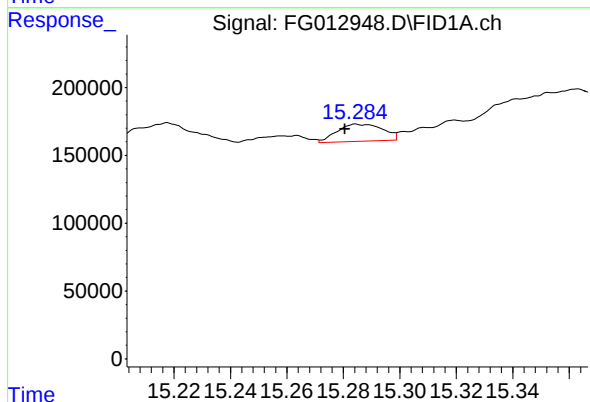
R.T.: 14.180 min
Delta R.T.: 0.006 min
Response: 477017
Conc: 4.00 ug/ml

Instrument :
FID_G
ClientSampleId :



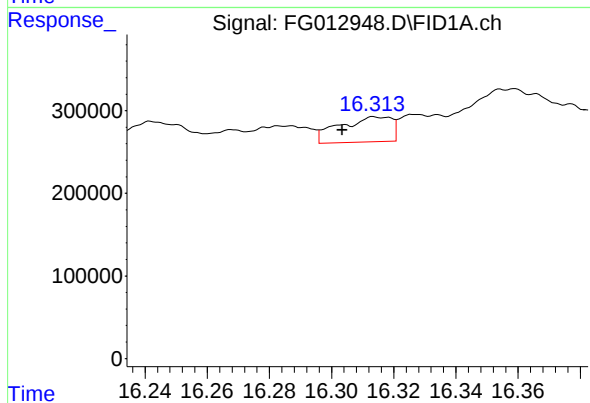
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.066 min
Delta R.T.: -0.011 min
Response: 238892
Conc: 2.11 ug/ml



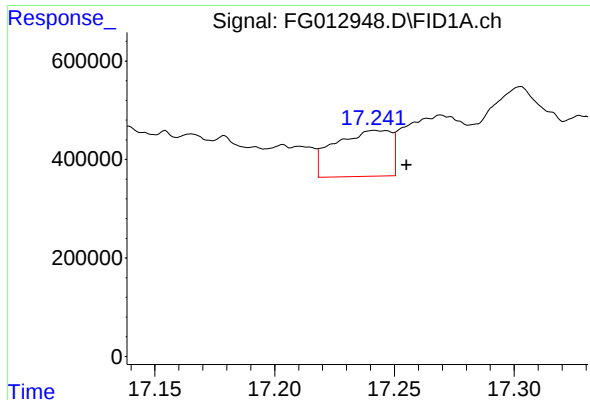
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: 0.004 min
Response: 141111
Conc: 1.18 ug/ml



#11 N-HEXACOSANE

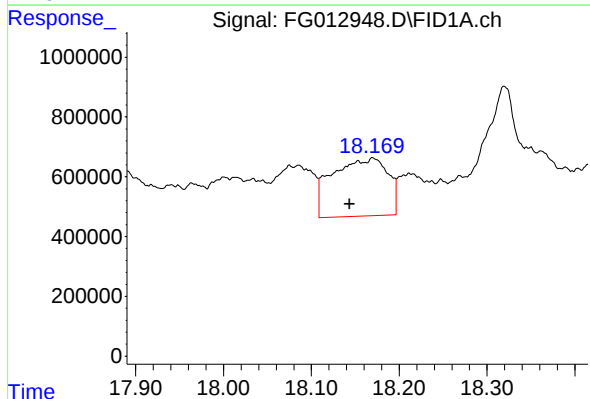
R.T.: 16.314 min
Delta R.T.: 0.011 min
Response: 356447
Conc: 3.01 ug/ml



#12 N-OCTACOSANE

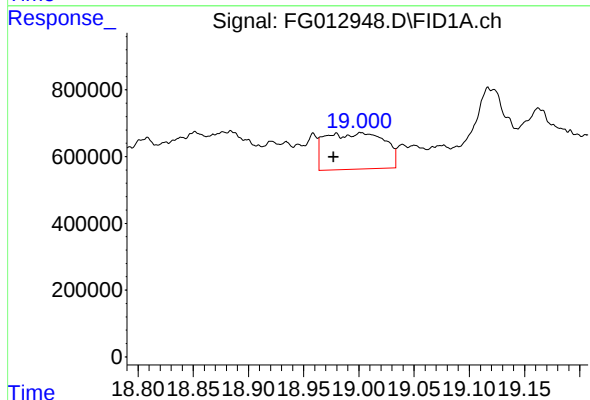
R.T.: 17.242 min
Delta R.T.: -0.013 min
Response: 1541479
Conc: 13.17 ug/ml

Instrument :
FID_G
ClientSampleId :



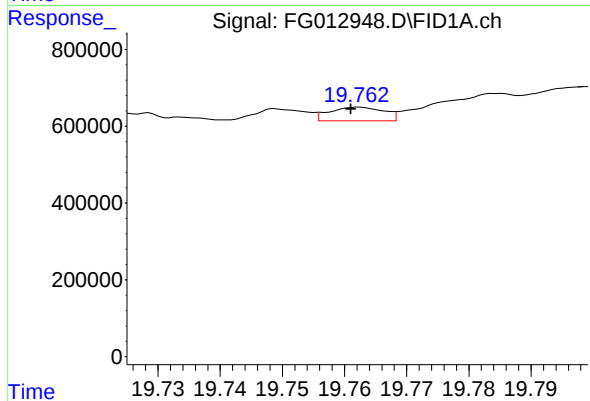
#13 N-TRIACONTANE

R.T.: 18.170 min
Delta R.T.: 0.026 min
Response: 8478448
Conc: 73.45 ug/ml



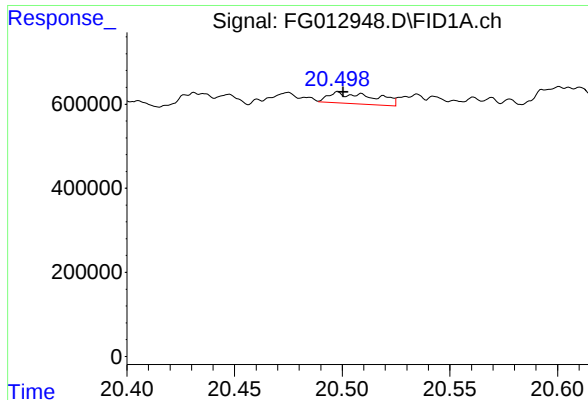
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: 0.002 min
Response: 4054384
Conc: 36.45 ug/ml



#15 N-TETRATRIACONTANE

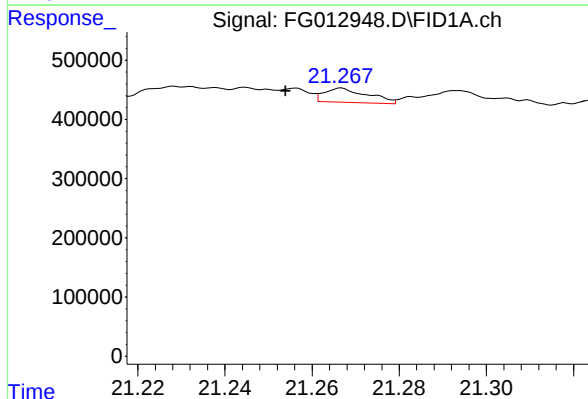
R.T.: 19.762 min
Delta R.T.: 0.001 min
Response: 216258
Conc: 2.29 ug/ml



#16 N-HEXATRIACONTANE

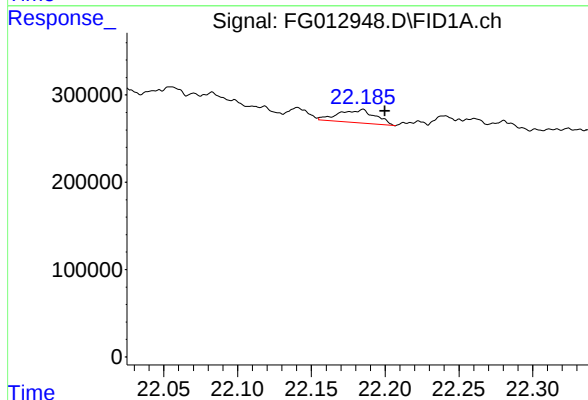
R.T.: 20.498 min
Delta R.T.: -0.003 min
Response: 392546
Conc: 5.31 ug/ml

Instrument :
FID_G
ClientSampleId :



#17 N-OCTATRIACONTANE

R.T.: 21.267 min
Delta R.T.: 0.013 min
Response: 165647
Conc: 2.50 ug/ml



#18 N-TETRACONTANE

R.T.: 22.185 min
Delta R.T.: -0.015 min
Response: 260605
Conc: 4.13 ug/ml