

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092923\
 Data File : FG012949.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2023 10:59
 Operator : YP\AJ
 Sample : MOTOR OIL 50
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 03:44:05 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...	15.067	514123	4.537 ug/ml
Target Compounds			
4) N-TETRADECANE	8.554	49997	0.423 ug/ml
5) N-HEXADECANE	10.214	161345	1.334 ug/ml
6) N-OCTADECANE	11.660	307543	2.520 ug/ml
7) N-EICOSANE	12.975	453277	3.702 ug/ml
8) N-DOCOSANE	14.181	808598	6.784 ug/ml
10) N-TETRACOSANE	15.289	276820	2.310 ug/ml
11) N-HEXACOSANE	16.319	316639	2.674 ug/ml
12) N-OCTACOSANE	17.260	1841748	15.734 ug/ml
13) N-TRIACONTANE	18.156	3282533	28.436 ug/ml
14) N-DOTRIACONTANE	18.992	3502847	31.496 ug/ml
15) N-TETRATRIACONTANE	19.748	266584	2.823 ug/ml
16) N-HEXATRIACONTANE	20.503	321344	4.349 ug/ml
17) N-OCTATRIACONTANE	21.250	217493	3.283 ug/ml
18) N-TETRACONTANE	22.185	137628	2.183 ug/ml

(f)=RT Delta > 1/2 Window

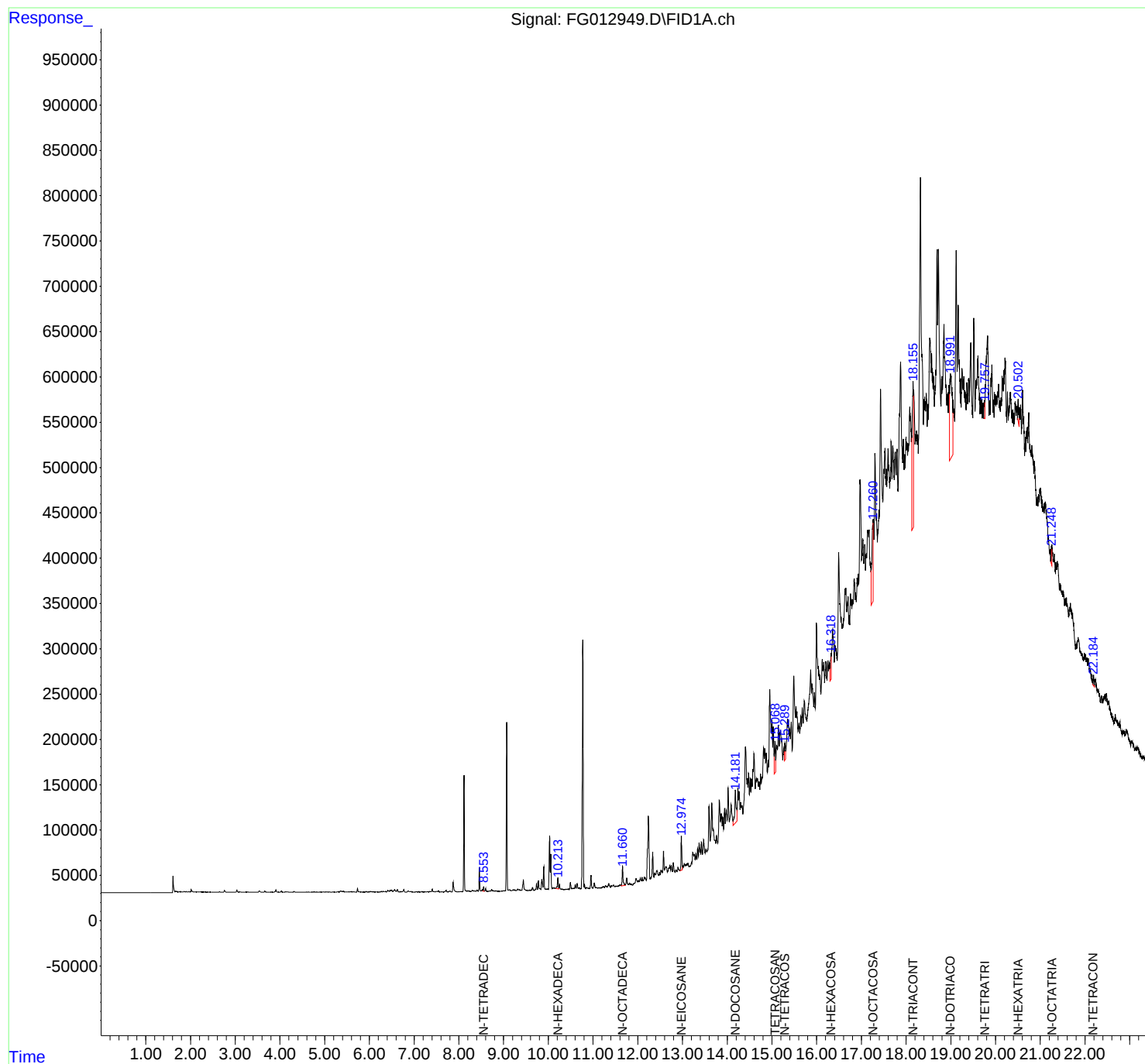
(m)=manual int.

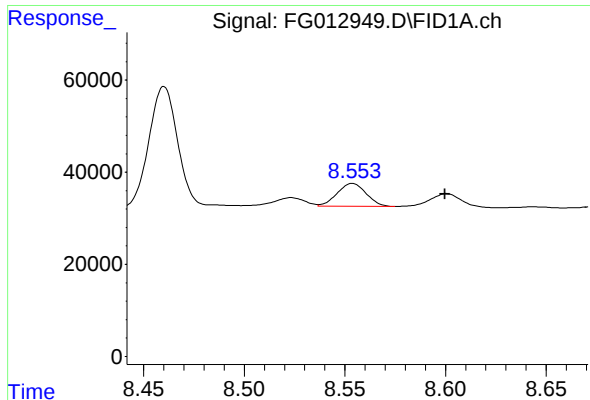
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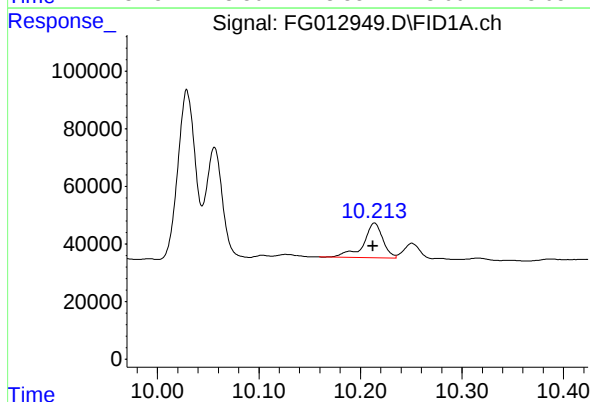




#4 N-TETRADECANE

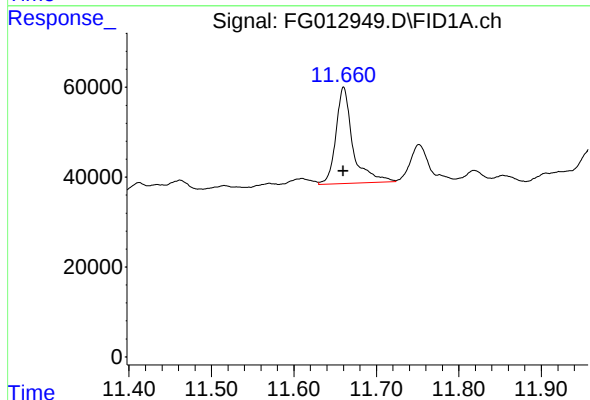
R.T.: 8.554 min
Delta R.T.: -0.046 min
Response: 49997
Conc: 0.42 ug/ml

Instrument :
FID_G
ClientSampleId :



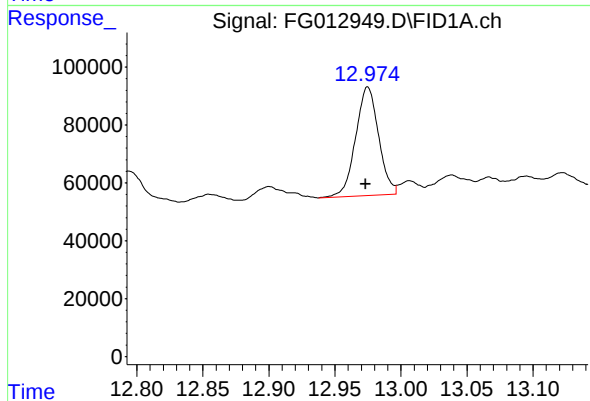
#5 N-HEXADECANE

R.T.: 10.214 min
Delta R.T.: 0.002 min
Response: 161345
Conc: 1.33 ug/ml



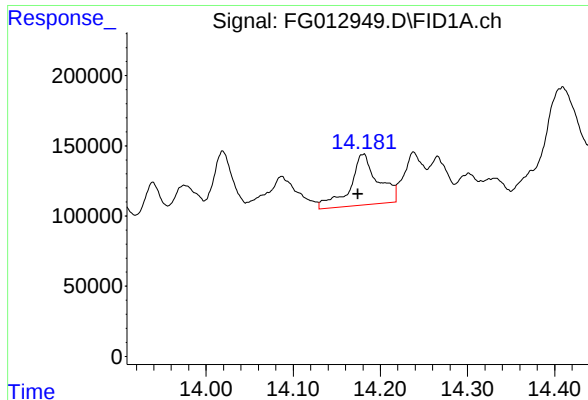
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 307543
Conc: 2.52 ug/ml



#7 N-EICOSANE

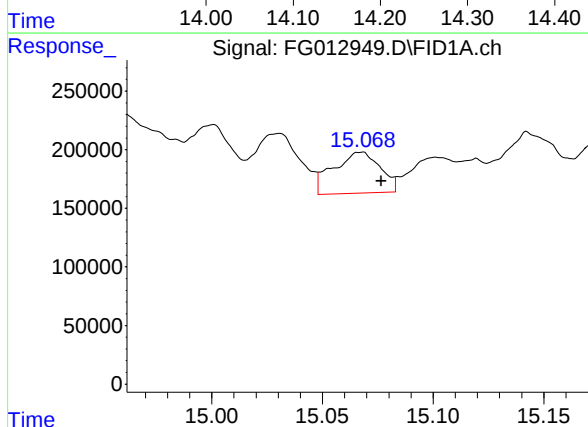
R.T.: 12.975 min
Delta R.T.: 0.002 min
Response: 453277
Conc: 3.70 ug/ml



#8 N-DOCOSANE

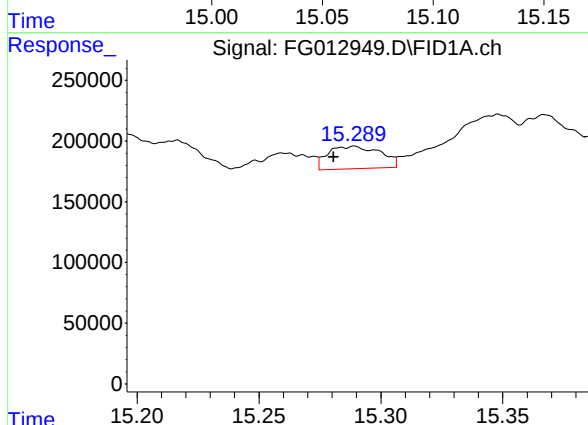
R.T.: 14.181 min
Delta R.T.: 0.006 min
Response: 808598
Conc: 6.78 ug/ml

Instrument :
FID_G
ClientSampleId :



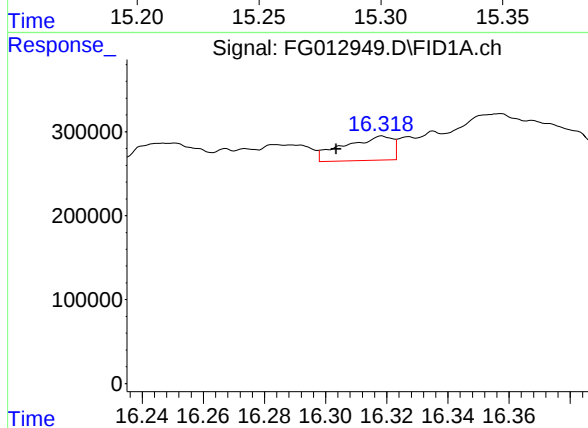
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.067 min
Delta R.T.: -0.009 min
Response: 514123
Conc: 4.54 ug/ml



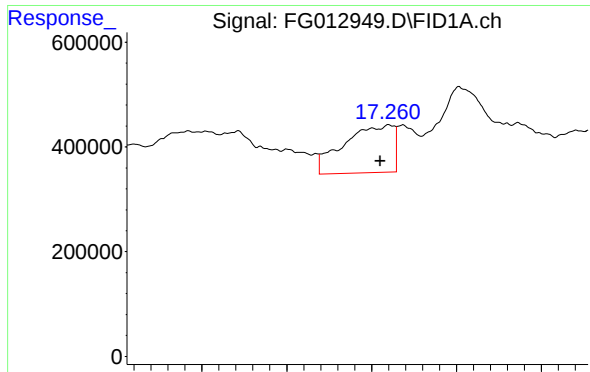
#10 N-TETRACOSANE

R.T.: 15.289 min
Delta R.T.: 0.009 min
Response: 276820
Conc: 2.31 ug/ml



#11 N-HEXACOSANE

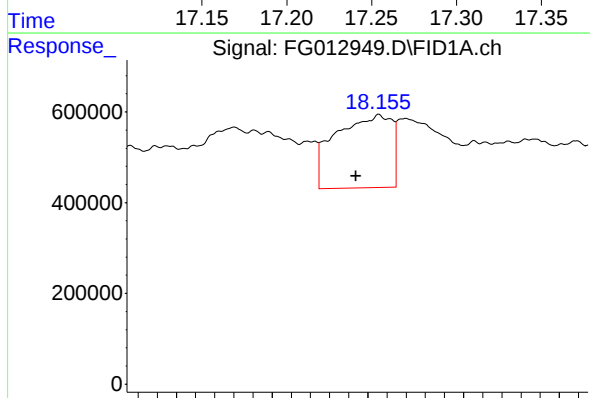
R.T.: 16.319 min
Delta R.T.: 0.015 min
Response: 316639
Conc: 2.67 ug/ml



#12 N-OCTACOSANE

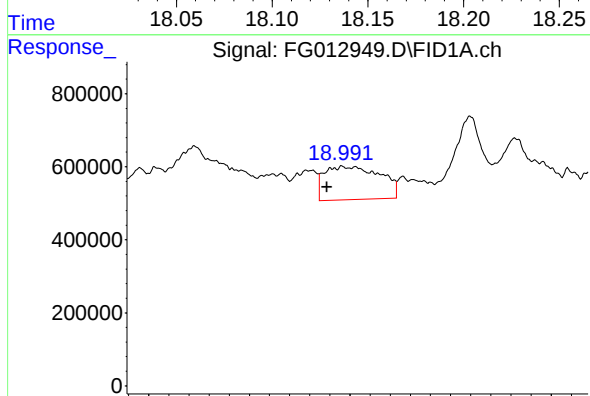
R.T.: 17.260 min
Delta R.T.: 0.005 min
Response: 1841748
Conc: 15.73 ug/ml

Instrument :
FID_G
ClientSampleId :



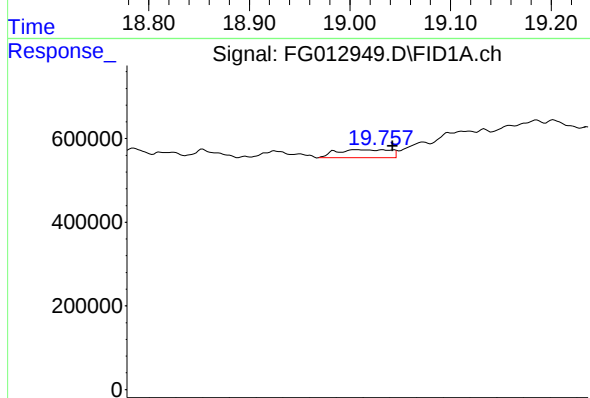
#13 N-TRIACONTANE

R.T.: 18.156 min
Delta R.T.: 0.012 min
Response: 3282533
Conc: 28.44 ug/ml



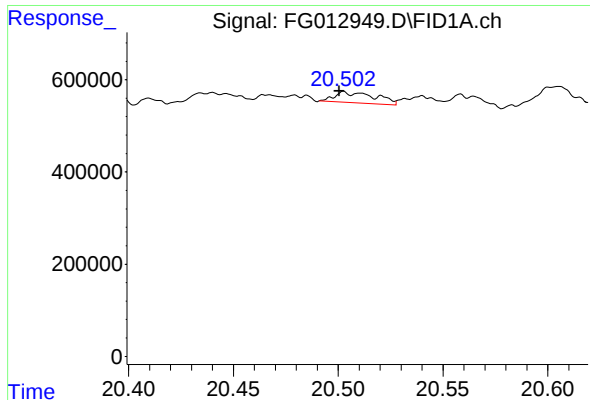
#14 N-DOTRIACONTANE

R.T.: 18.992 min
Delta R.T.: 0.015 min
Response: 3502847
Conc: 31.50 ug/ml



#15 N-TETRATRIACONTANE

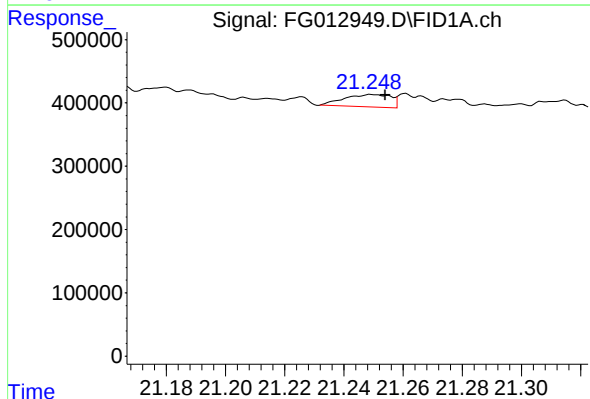
R.T.: 19.748 min
Delta R.T.: -0.013 min
Response: 266584
Conc: 2.82 ug/ml



#16 N-HEXATRIACONTANE

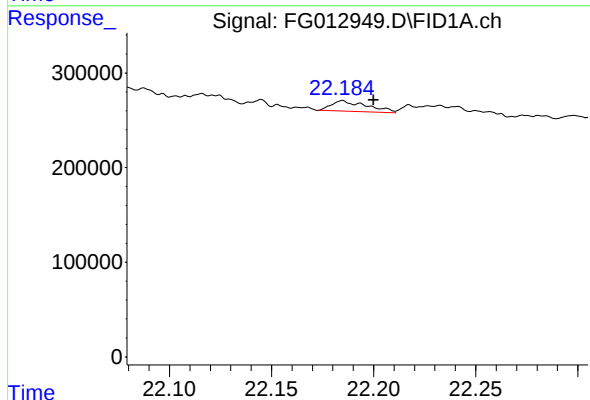
R.T.: 20.503 min
Delta R.T.: 0.002 min
Response: 321344
Conc: 4.35 ug/ml

Instrument :
FID_G
ClientSampleId :



#17 N-OCTATRIACONTANE

R.T.: 21.250 min
Delta R.T.: -0.004 min
Response: 217493
Conc: 3.28 ug/ml



#18 N-TETRACONTANE

R.T.: 22.185 min
Delta R.T.: -0.015 min
Response: 137628
Conc: 2.18 ug/ml