

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092923\
 Data File : FG012953.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2023 12:56
 Operator : YP\AJ
 Sample : JE FUEL A STD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 03:44:33 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...	15.119	76141	0.672 ug/ml
Target Compounds			
1) N-OCTANE	2.076	1350978	12.081 ug/ml
2) N-DECANE	4.605	17925175	155.758 ug/ml
3) N-DODECANE	6.785	28326521	241.232 ug/ml
4) N-TETRADECANE	8.612	15858441	134.256 ug/ml
5) N-HEXADECANE	10.216	3790873	31.335 ug/ml
6) N-OCTADECANE	11.660	293795	2.408 ug/ml
12) N-OCTACOSANE	17.256	77317	0.661 ug/ml
13) N-TRIACONTANE	18.143	197377	1.710 ug/ml
14) N-DOTRIACONTANE	18.978	346326	3.114 ug/ml
15) N-TETRATRIACONTANE	19.761	201876	2.138 ug/ml
16) N-HEXATRIACONTANE	20.501	145066	1.963 ug/ml
17) N-OCTATRIACONTANE	21.258	60429	0.912 ug/ml
18) N-TETRACONTANE	22.255	67430	1.069 ug/ml

(f)=RT Delta > 1/2 Window

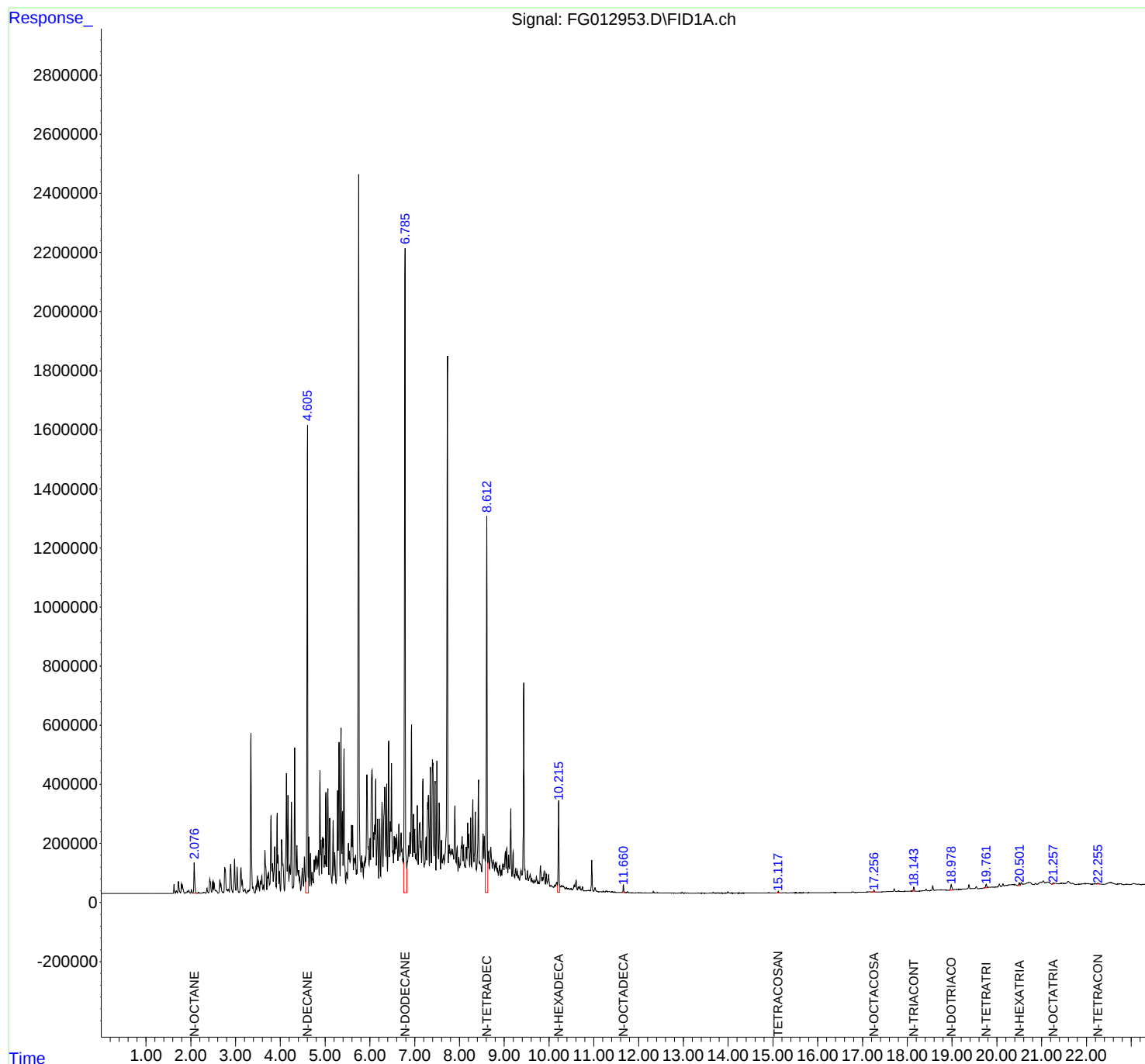
(m)=manual int.

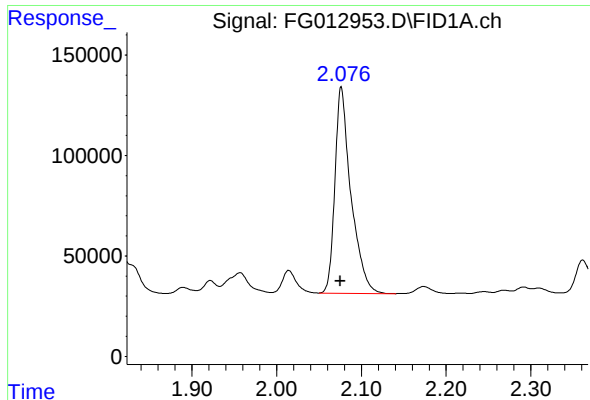
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Signal Info : 20mx0.18mmx0.18um

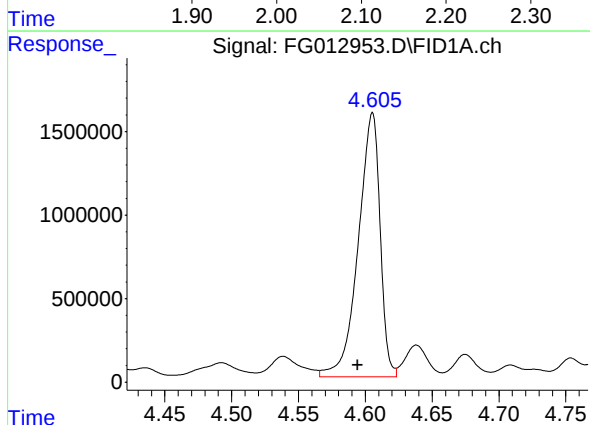




#1 N-OCTANE

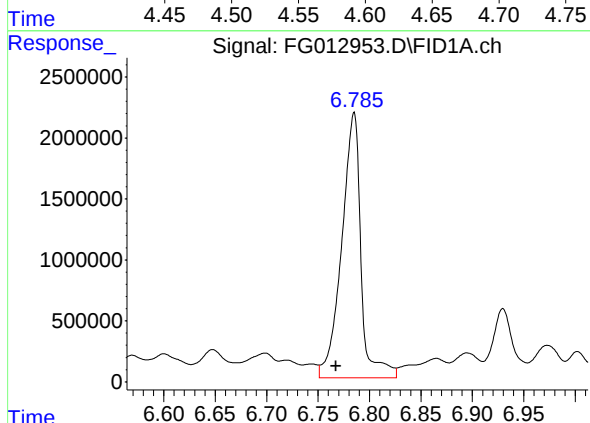
R.T.: 2.076 min
Delta R.T.: 0.001 min
Response: 1350978
Conc: 12.08 ug/ml

Instrument :
FID_G
ClientSampleId :



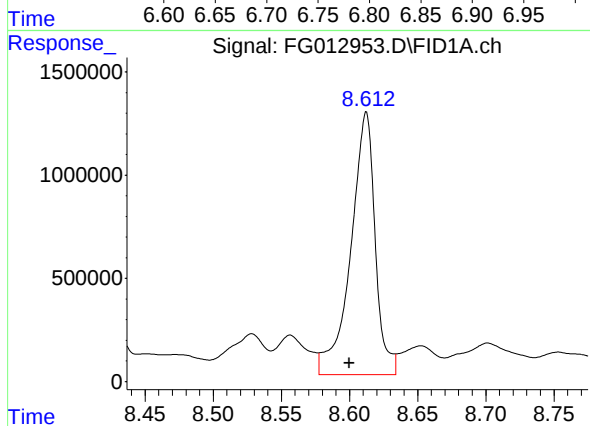
#2 N-DECANE

R.T.: 4.605 min
Delta R.T.: 0.011 min
Response: 17925175
Conc: 155.76 ug/ml



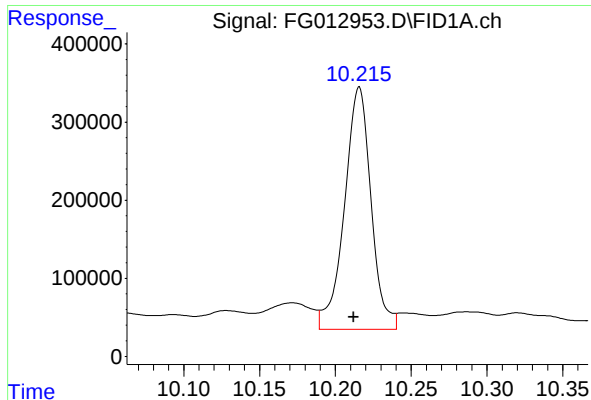
#3 N-DODECANE

R.T.: 6.785 min
Delta R.T.: 0.018 min
Response: 28326521
Conc: 241.23 ug/ml



#4 N-TETRADECANE

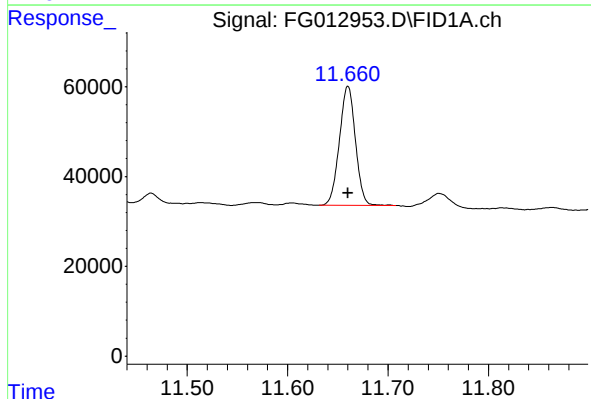
R.T.: 8.612 min
Delta R.T.: 0.013 min
Response: 15858441
Conc: 134.26 ug/ml



#5 N-HEXADECANE

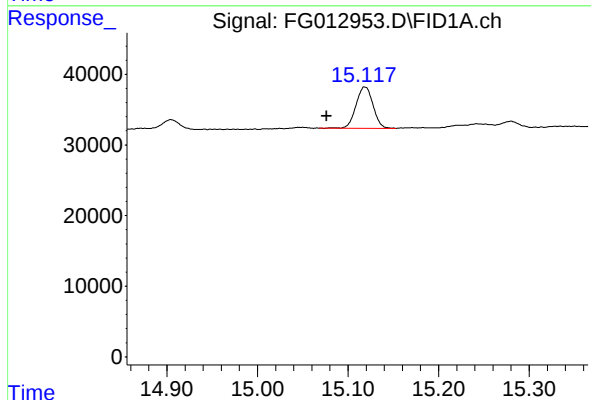
R.T.: 10.216 min
Delta R.T.: 0.004 min
Response: 3790873
Conc: 31.33 ug/ml

Instrument :
FID_G
ClientSampleId :



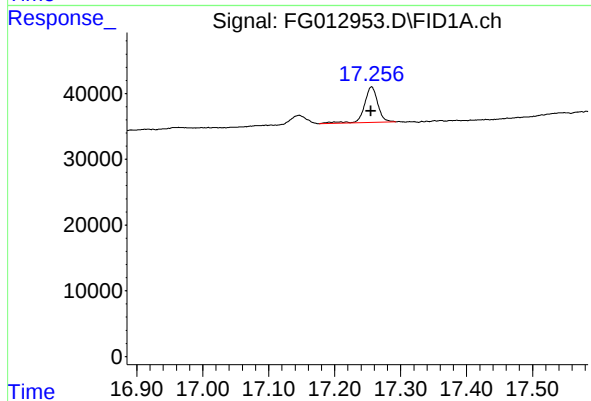
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: 0.000 min
Response: 293795
Conc: 2.41 ug/ml



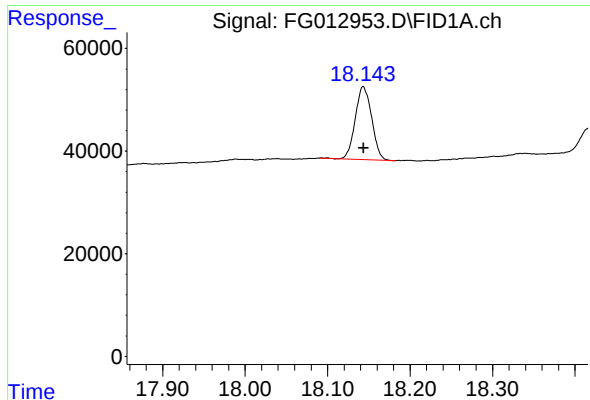
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.119 min
Delta R.T.: 0.042 min
Response: 76141
Conc: 0.67 ug/ml



#12 N-OCTACOSANE

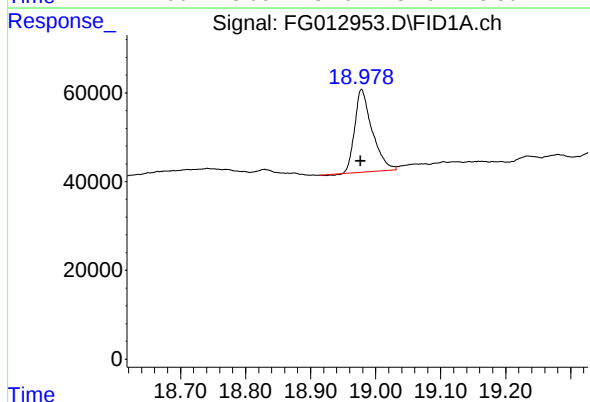
R.T.: 17.256 min
Delta R.T.: 0.000 min
Response: 77317
Conc: 0.66 ug/ml



#13 N-TRIACONTANE

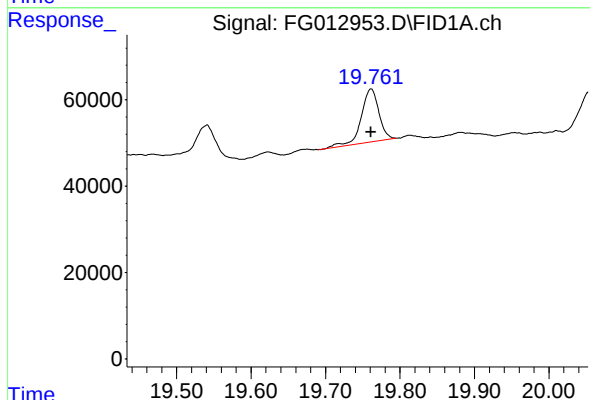
R.T.: 18.143 min
Delta R.T.: 0.000 min
Response: 197377
Conc: 1.71 ug/ml

Instrument :
FID_G
ClientSampleId :



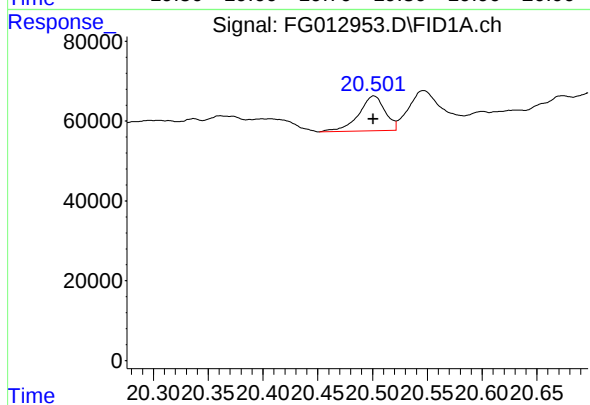
#14 N-DOTRIACONTANE

R.T.: 18.978 min
Delta R.T.: 0.001 min
Response: 346326
Conc: 3.11 ug/ml



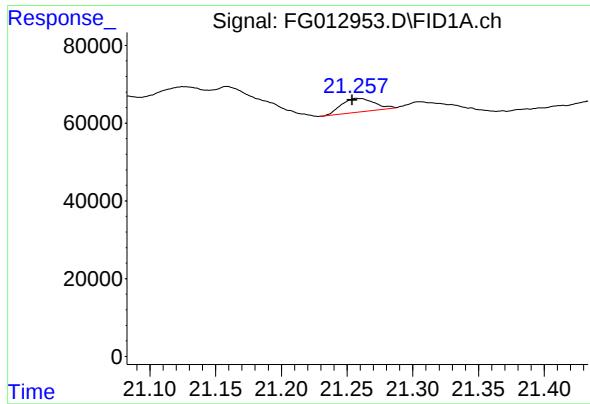
#15 N-TETRATRIACONTANE

R.T.: 19.761 min
Delta R.T.: 0.000 min
Response: 201876
Conc: 2.14 ug/ml



#16 N-HEXATRIACONTANE

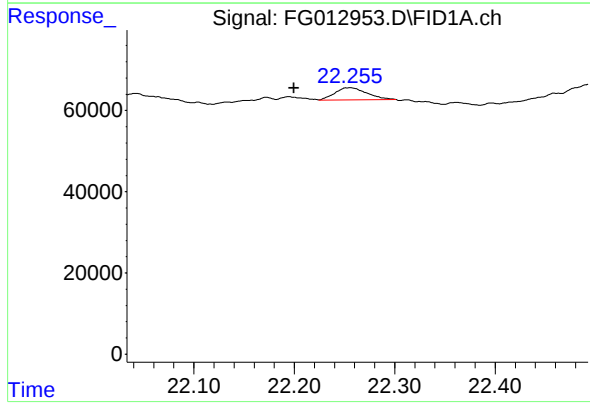
R.T.: 20.501 min
Delta R.T.: 0.000 min
Response: 145066
Conc: 1.96 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.258 min
Delta R.T.: 0.004 min
Response: 60429
Conc: 0.91 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.255 min
Delta R.T.: 0.055 min
Response: 67430
Conc: 1.07 ug/ml