

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071725\
 Data File : FG016325.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2025 15:51
 Operator : YP\AJ
 Sample : Q2592-01 25X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-SOIL-20250711

Integration File: autoint1.e
 Quant Time: Jul 18 02:57:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 2025
 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...	15.209	101002	1.010 ug/ml
Target Compounds			
5) N-HEXADECANE	10.315	24713	0.214 ug/ml
6) N-OCTADECANE	11.776	59339	0.506 ug/ml
7) N-EICOSANE	13.096	103630	0.866 ug/ml
8) N-DOCOSANE	14.302	41960	0.364 ug/ml
10) N-TETRACOSANE	15.402	355948	3.115 ug/ml
11) N-HEXACOSANE	16.412	26047	0.237 ug/ml
12) N-OCTACOSANE	17.395	210464	1.935 ug/ml
13) N-TRIACONTANE	18.288	119610	1.119 ug/ml
14) N-DOTRIACONTANE	19.126	123727	1.224 ug/ml
15) N-TETRATRIACONTANE	19.908	66894	0.735 ug/ml
16) N-HEXATRIACONTANE	20.653	96477	1.281 ug/ml
17) N-OCTATRIACONTANE	21.434	218834	3.362 ug/ml
18) N-TETRACONTANE	22.434	77429	1.343 ug/ml

(f)=RT Delta > 1/2 Window

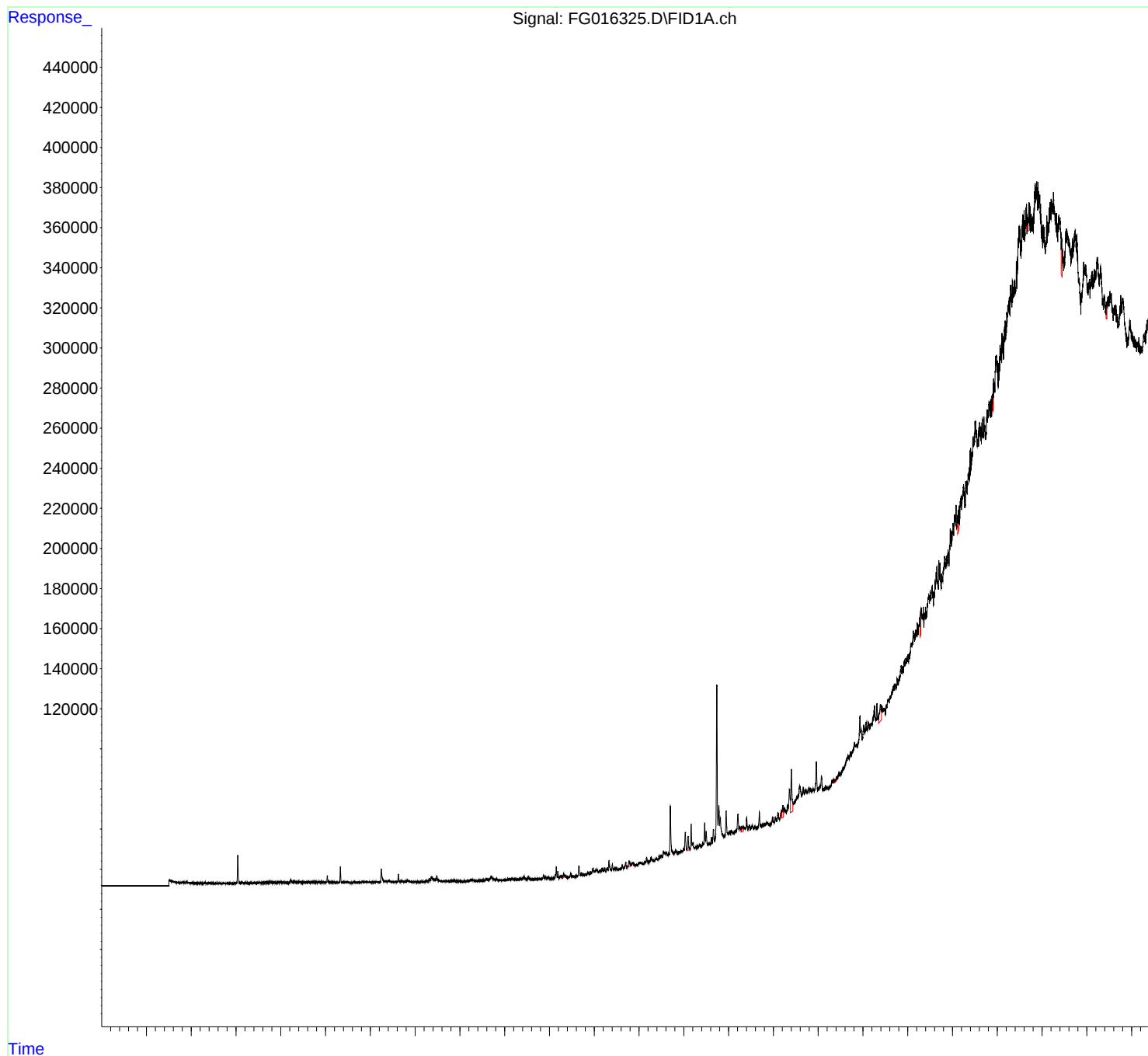
(m)=manual int.

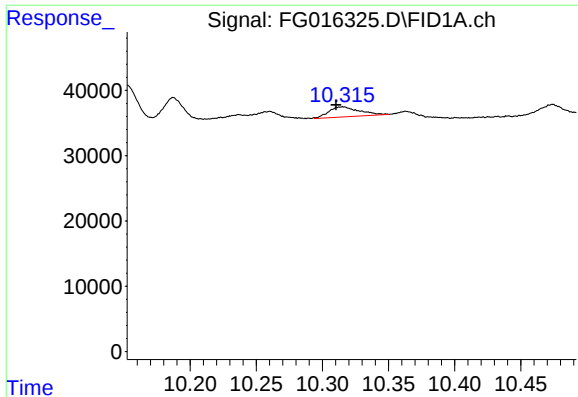
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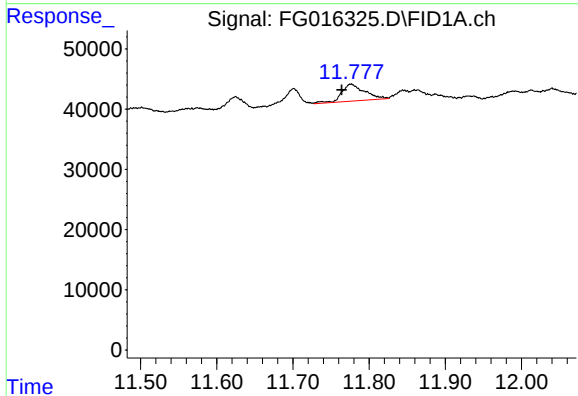




#5 N-HEXADECANE

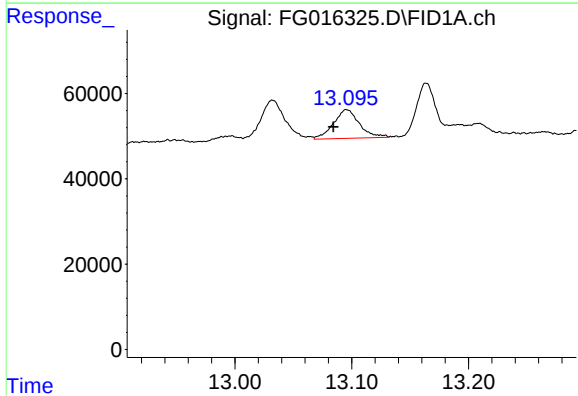
R.T.: 10.315 min
Delta R.T.: 0.005 min
Response: 24713
Conc: 0.21 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711



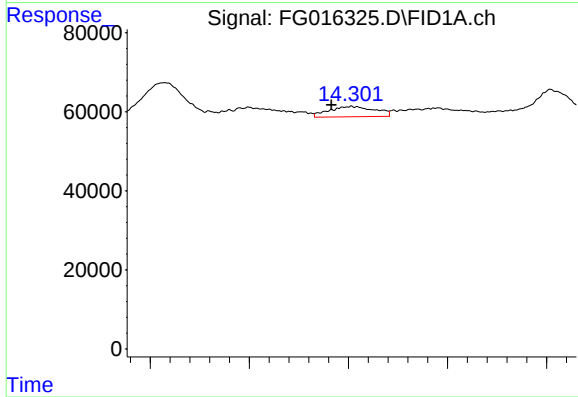
#6 N-OCTADECANE

R.T.: 11.776 min
Delta R.T.: 0.012 min
Response: 59339
Conc: 0.51 ug/ml



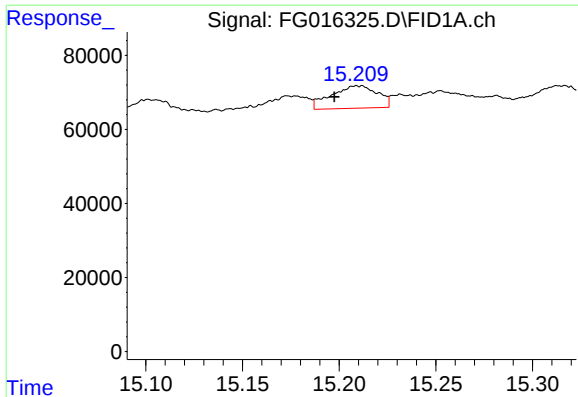
#7 N-EICOSANE

R.T.: 13.096 min
Delta R.T.: 0.011 min
Response: 103630
Conc: 0.87 ug/ml



#8 N-DOCOSANE

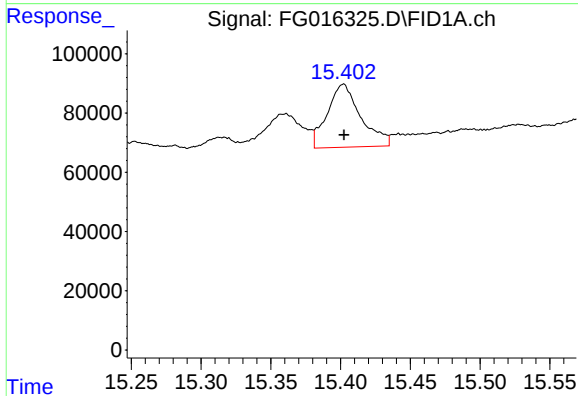
R.T.: 14.302 min
Delta R.T.: 0.011 min
Response: 41960
Conc: 0.36 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

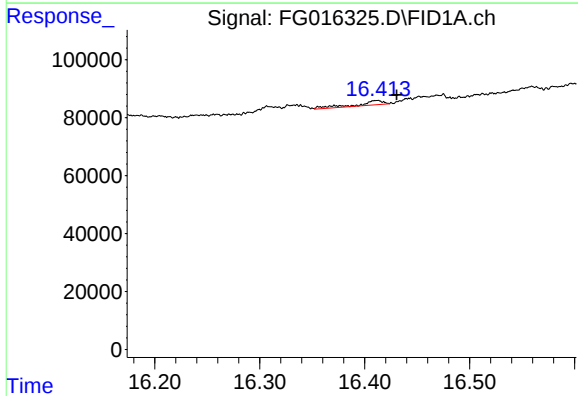
R.T.: 15.209 min
Delta R.T.: 0.012 min
Response: 101002
Conc: 1.01 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711



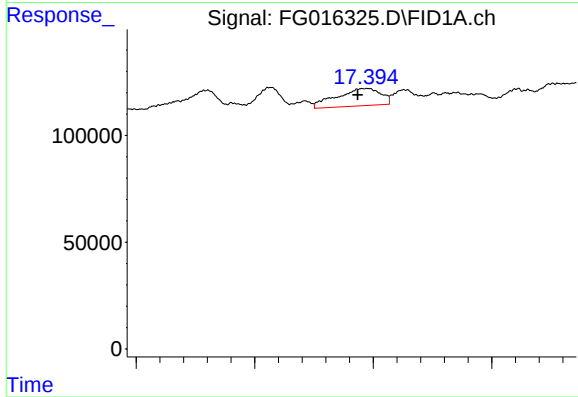
#10 N-TETRACOSANE

R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 355948
Conc: 3.12 ug/ml



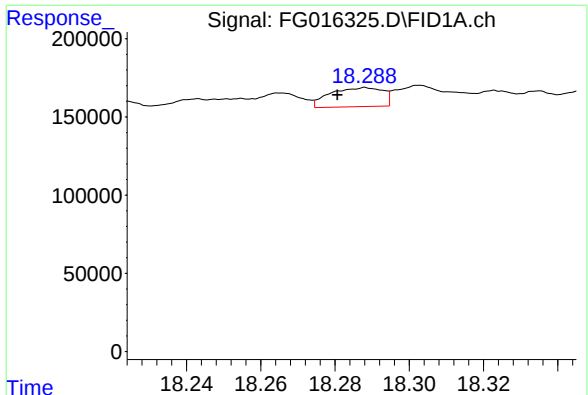
#11 N-HEXACOSANE

R.T.: 16.412 min
Delta R.T.: -0.019 min
Response: 26047
Conc: 0.24 ug/ml



#12 N-OCTACOSANE

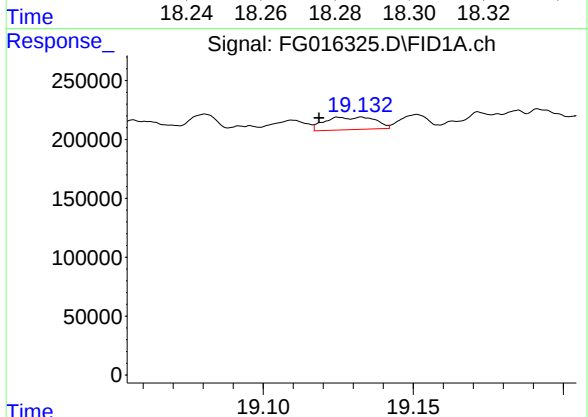
R.T.: 17.395 min
Delta R.T.: 0.009 min
Response: 210464
Conc: 1.94 ug/ml



#13 N-TRIACONTANE

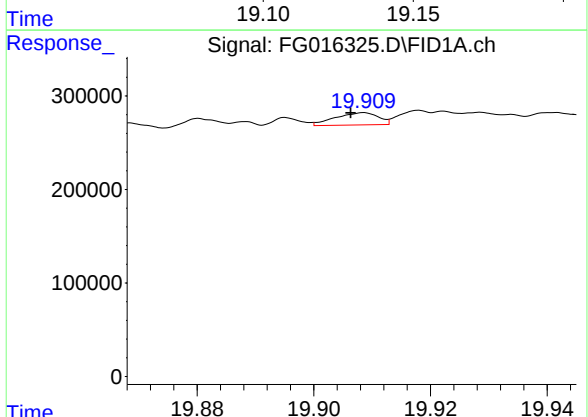
R.T.: 18.288 min
Delta R.T.: 0.008 min
Response: 119610
Conc: 1.12 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711



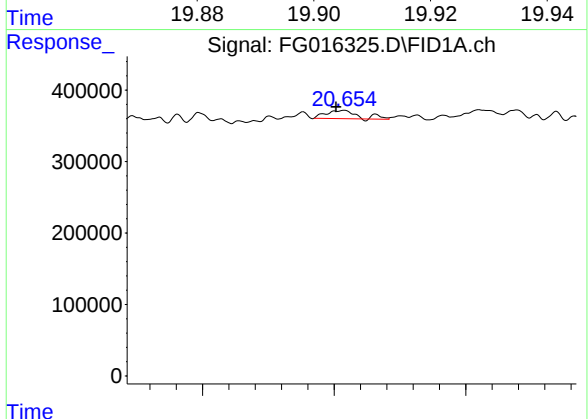
#14 N-DOTRIACONTANE

R.T.: 19.126 min
Delta R.T.: 0.007 min
Response: 123727
Conc: 1.22 ug/ml



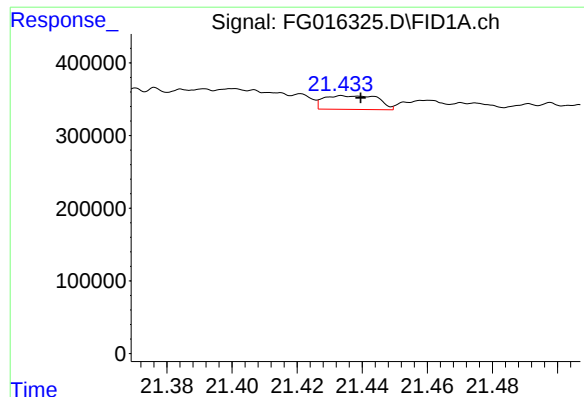
#15 N-TETRATRIACONTANE

R.T.: 19.908 min
Delta R.T.: 0.002 min
Response: 66894
Conc: 0.74 ug/ml



#16 N-HEXATRIACONTANE

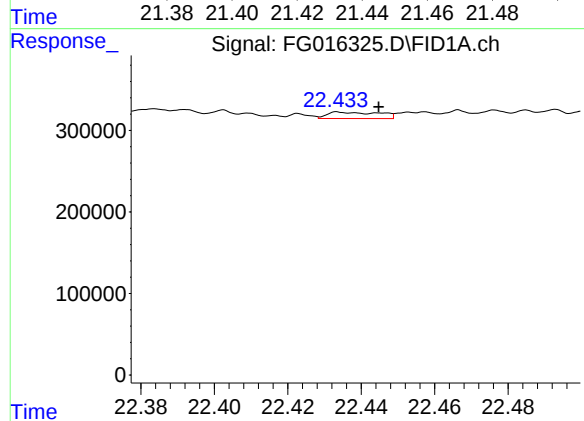
R.T.: 20.653 min
Delta R.T.: 0.003 min
Response: 96477
Conc: 1.28 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.434 min
Delta R.T.: -0.005 min
Response: 218834
Conc: 3.36 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711



#18 N-TETRACONTANE

R.T.: 22.434 min
Delta R.T.: -0.010 min
Response: 77429
Conc: 1.34 ug/ml