

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071521\
 Data File : FG008508.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2021 17:20
 Operator : DD\AJ
 Sample : M2940-04
 Misc : LOD 1 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 16 03:20:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG071521.M
 Quant Title :
 QLast Update : Thu Jul 15 13:17:03 2021
 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...	14.762	2642946	18.548 ug/ml
Target Compounds			
1) N-OCTANE	2.361	127992	0.857 ug/ml
2) N-DECANE	4.465	116073	0.771 ug/ml
3) N-DODECANE	6.492	114308	0.743 ug/ml
4) N-TETRADECANE	8.299	114382	0.734 ug/ml
5) N-HEXADECANE	9.903	113656	0.732 ug/ml
6) N-OCTADECANE	11.346	127426	0.788 ug/ml
7) N-EICOSANE	12.659	142459	0.874 ug/ml
8) N-DOCOSANE	13.860	150397	0.923 ug/ml
10) N-TETRACOSANE	14.967	152244	0.928 ug/ml
11) N-HEXACOSANE	15.992	143090	0.882 ug/ml
12) N-OCTACOSANE	16.945	146384	0.913 ug/ml
13) N-TRIACONTANE	17.835	155722	0.986 ug/ml
14) N-DOTRIACONTANE	18.668	158237	1.053 ug/ml
15) N-TETRATRIACONTANE	19.453	135627	0.984 ug/ml
16) N-HEXATRIACONTANE	20.195	106811	0.906 ug/ml
17) N-OCTATRIACONTANE	20.955	93278	0.935 ug/mlm
18) N-TETRACONTANE	21.913	92657	1.022 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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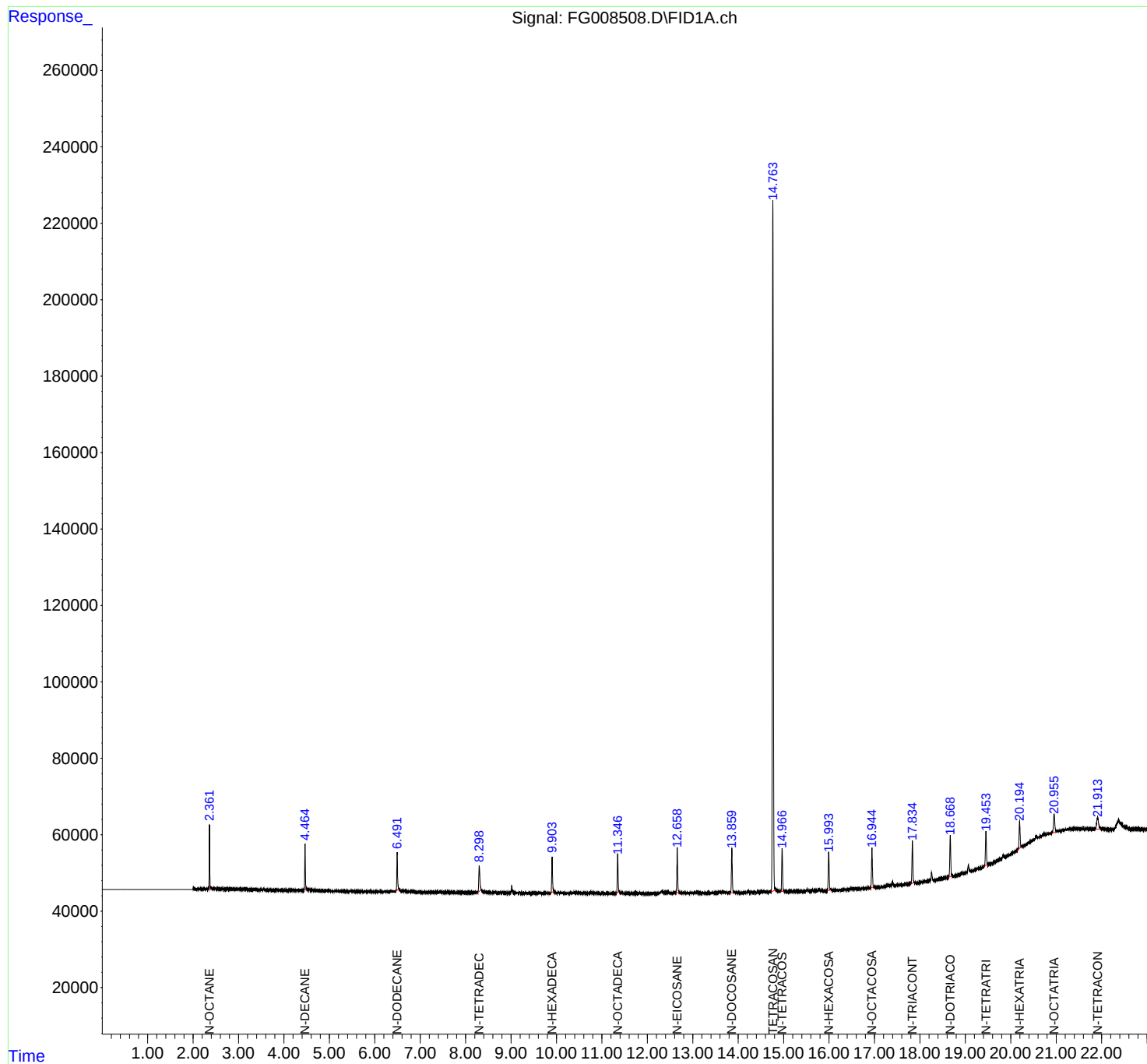
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LOD-MDL-SOIL-04-QT3-2021

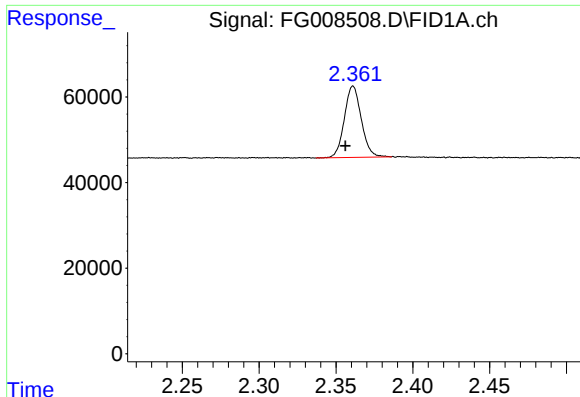
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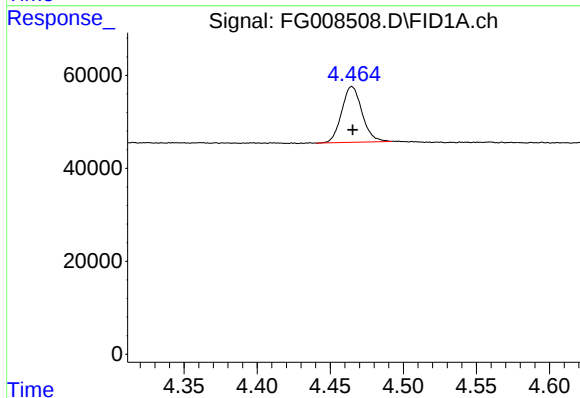
#1 N-OCTANE

R.T.: 2.361 min
Delta R.T.: 0.005 min
Response: 127992
Conc: 0.86 ug/ml

Instrument :
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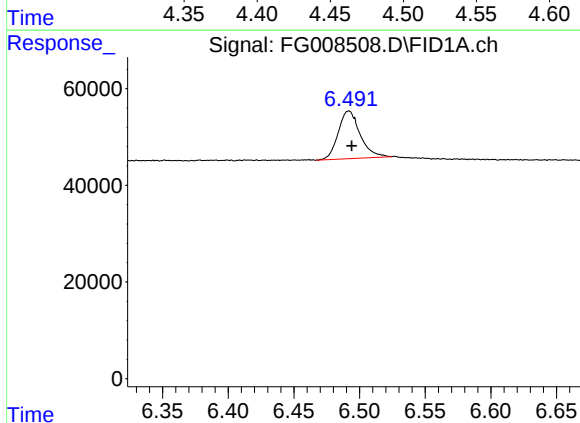
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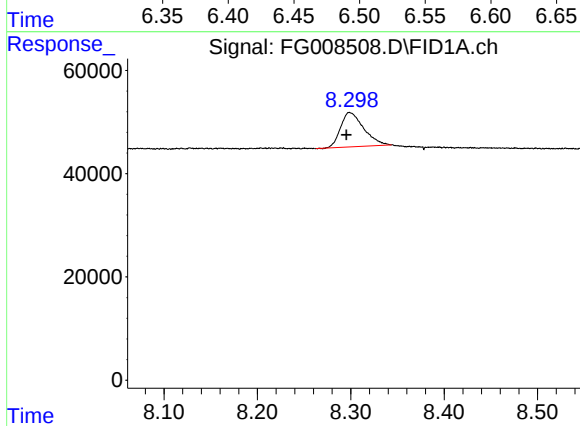
#2 N-DECANE

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 116073
Conc: 0.77 ug/ml



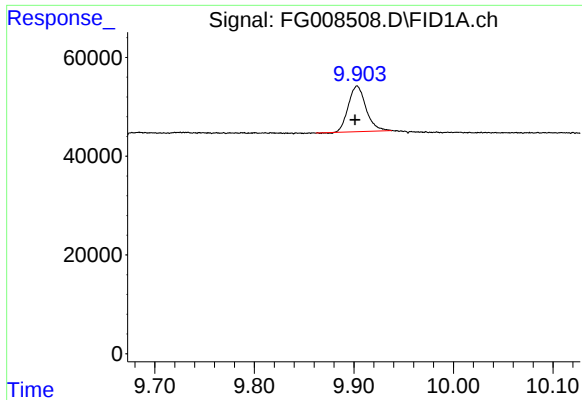
#3 N-DODECANE

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 114308
Conc: 0.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.299 min
Delta R.T.: 0.004 min
Response: 114382
Conc: 0.73 ug/ml



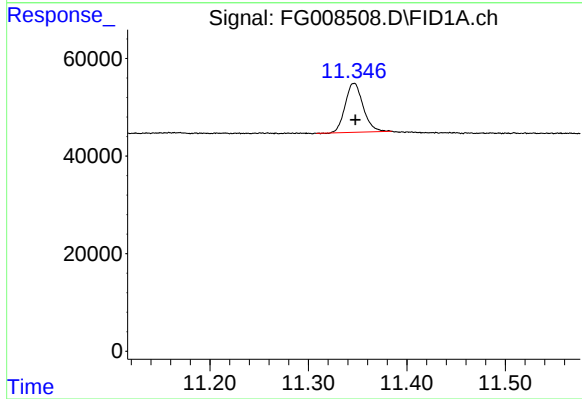
#5 N-HEXADECANE

R.T.: 9.903 min
Delta R.T.: 0.002 min
Response: 113656
Conc: 0.73 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2021

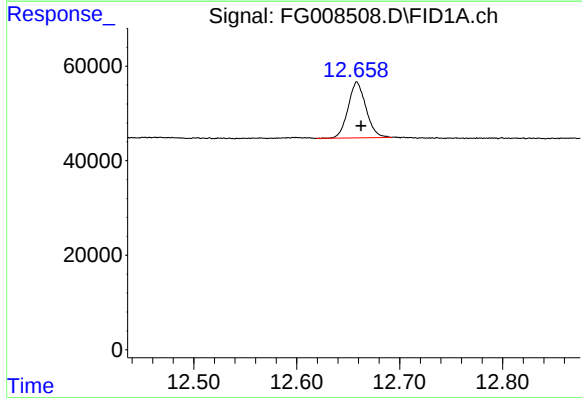
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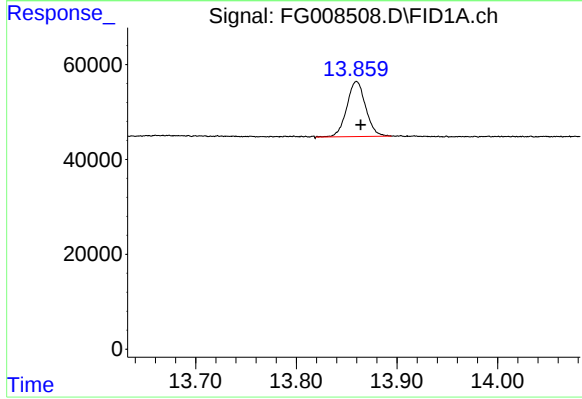
#6 N-OCTADECANE

R.T.: 11.346 min
Delta R.T.: -0.001 min
Response: 127426
Conc: 0.79 ug/ml



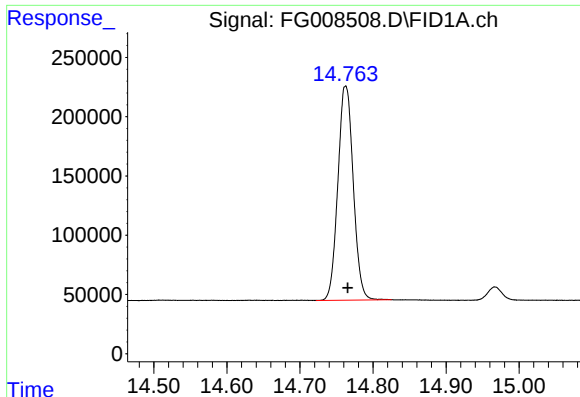
#7 N-EICOSANE

R.T.: 12.659 min
Delta R.T.: -0.004 min
Response: 142459
Conc: 0.87 ug/ml



#8 N-DOCOSANE

R.T.: 13.860 min
Delta R.T.: -0.004 min
Response: 150397
Conc: 0.92 ug/ml



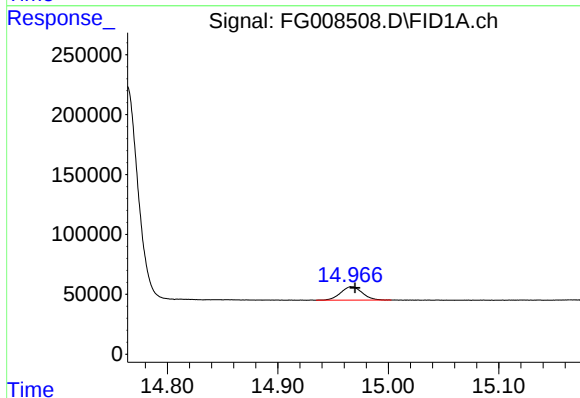
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.762 min
Delta R.T.: -0.003 min
Response: 2642946
Conc: 18.55 ug/ml

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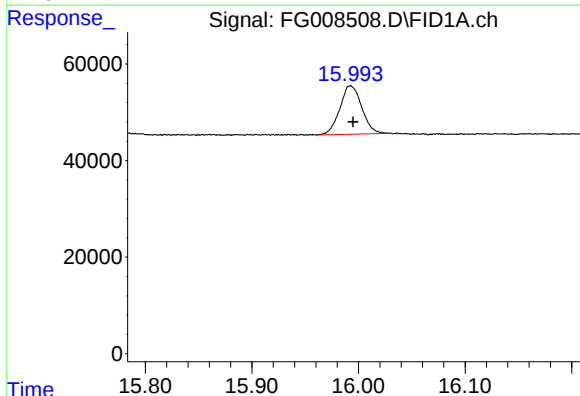
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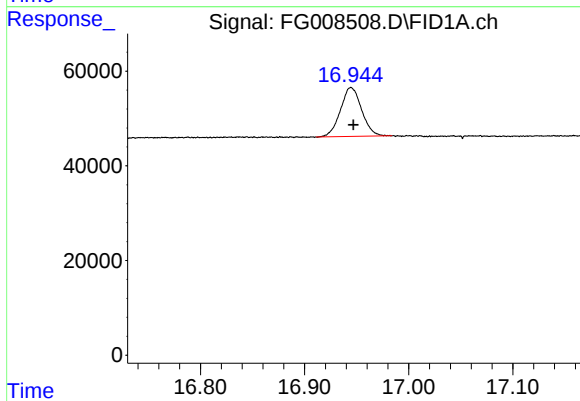
#10 N-TETRACOSANE

R.T.: 14.967 min
Delta R.T.: -0.003 min
Response: 152244
Conc: 0.93 ug/ml



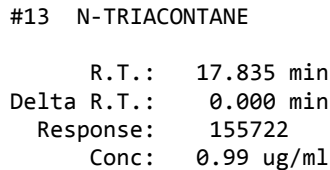
#11 N-HEXACOSANE

R.T.: 15.992 min
Delta R.T.: -0.002 min
Response: 143090
Conc: 0.88 ug/ml



#12 N-OCTACOSANE

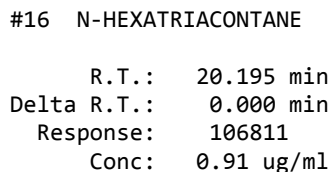
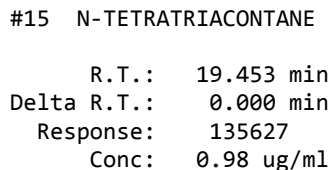
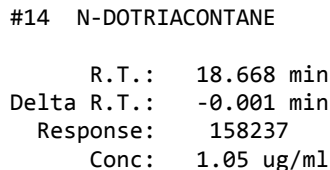
R.T.: 16.945 min
Delta R.T.: -0.002 min
Response: 146384
Conc: 0.91 ug/ml

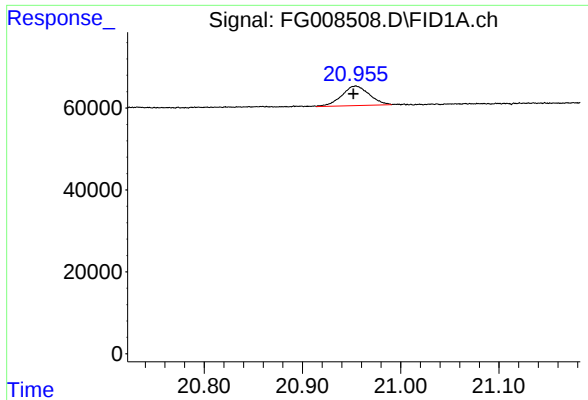


Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-OT3-2021

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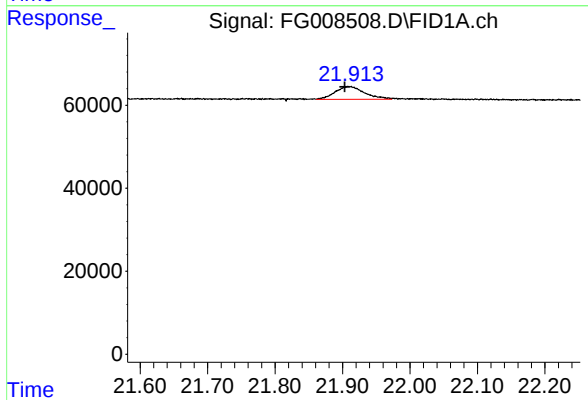
#17 N-OCTATRIACONTANE

R.T.: 20.955 min
Delta R.T.: 0.003 min
Response: 93278
Conc: 0.93 ug/ml m

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.913 min
Delta R.T.: 0.010 min
Response: 92657
Conc: 1.02 ug/ml m