

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100622\
 Data File : FE037977.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2022 11:46
 Operator : YP\AJ
 Sample : N4955-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:50:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100522.M
 Quant Title :
 QLast Update : Wed Oct 05 16:55:43 2022
 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...	14.667	2248294	17.309 ug/ml
Target Compounds			
1) N-OCTANE	1.775	104738	0.773 ug/mlm
2) N-DECANE	4.266	101617	0.759 ug/mlm
3) N-DODECANE	6.439	102031	0.730 ug/mlm
4) N-TETRADECANE	8.255	112084	0.771 ug/mlm
5) N-HEXADECANE	9.850	125500	0.837 ug/mlm
6) N-OCTADECANE	11.283	130632	0.860 ug/mlm
7) N-EICOSANE	12.583	126889	0.833 ug/ml
8) N-DOCOSANE	13.772	144015	0.967 ug/mlm
10) N-TETRACOSANE	14.869	153378	1.032 ug/ml
11) N-HEXACOSANE	15.883	141580	0.980 ug/ml
12) N-OCTACOSANE	16.827	144072	1.024 ug/ml
13) N-TRIACONTANE	17.710	152796	1.101 ug/ml
14) N-DOTRIACONTANE	18.539	151686	1.079 ug/ml
15) N-TETRATRIACONTANE	19.317	130034	0.926 ug/ml
16) N-HEXATRIACONTANE	20.054	114700	0.846 ug/mlm
17) N-OCTATRIACONTANE	20.746	102539	0.753 ug/mlm
18) N-TETRACONTANE	21.520	162540	1.123 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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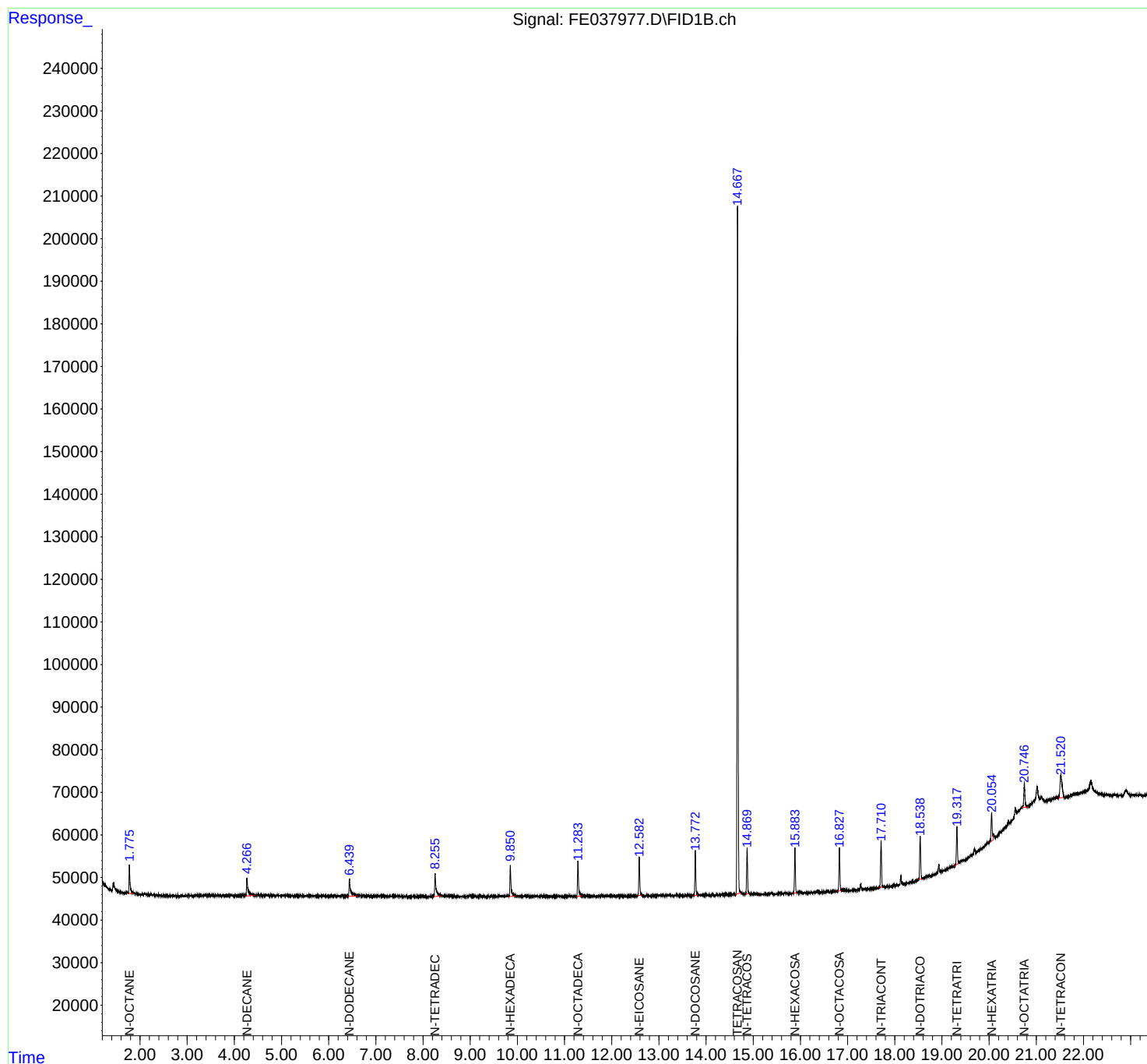
Instrument :
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LOD-MDL-SOIL-04-QT4-2022

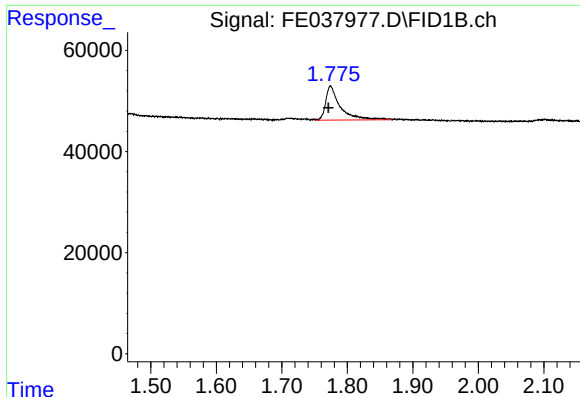
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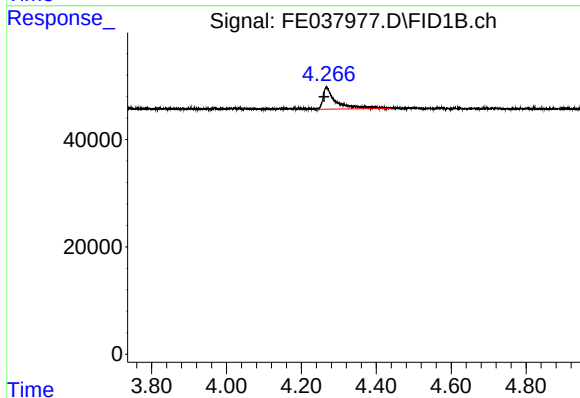
#1 N-OCTANE

R.T.: 1.775 min
Delta R.T.: 0.004 min
Response: 104738
Conc: 0.77 ug/ml

Instrument : FID_E
ClientSampleId : LOD-MDL-SOIL-04-QT4-2022

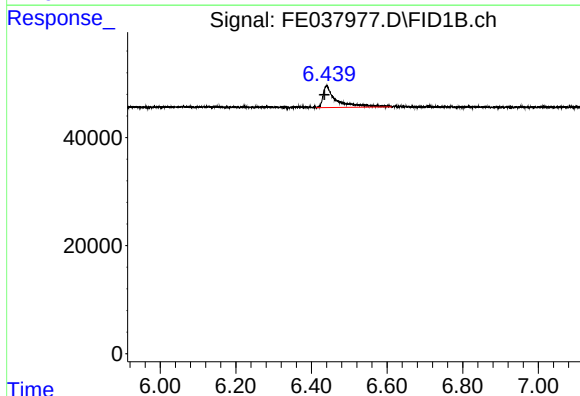
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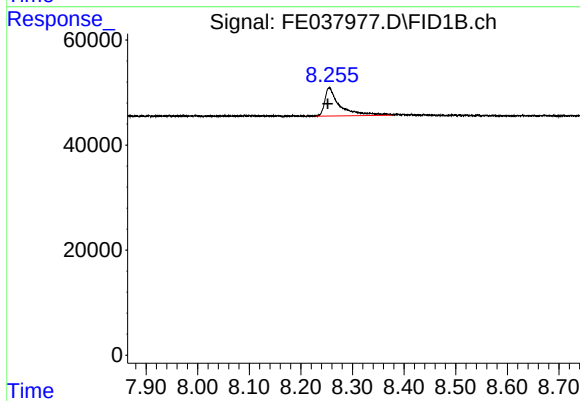
#2 N-DECANE

R.T.: 4.266 min
Delta R.T.: 0.006 min
Response: 101617
Conc: 0.76 ug/ml m



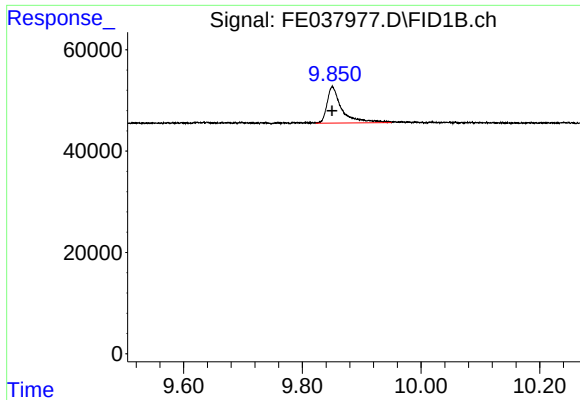
#3 N-DODECANE

R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 102031
Conc: 0.73 ug/ml m



#4 N-TETRADECANE

R.T.: 8.255 min
Delta R.T.: 0.003 min
Response: 112084
Conc: 0.77 ug/ml m



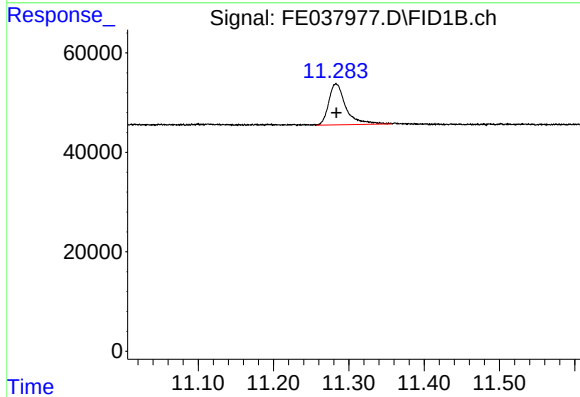
#5 N-HEXADECANE

R.T.: 9.850 min
Delta R.T.: 0.000 min
Response: 125500
Conc: 0.84 ug/ml

Instrument :
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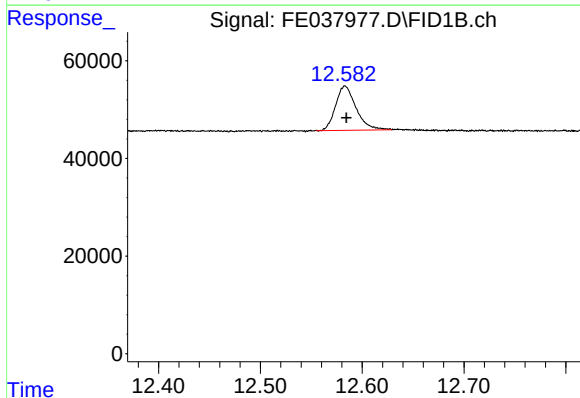
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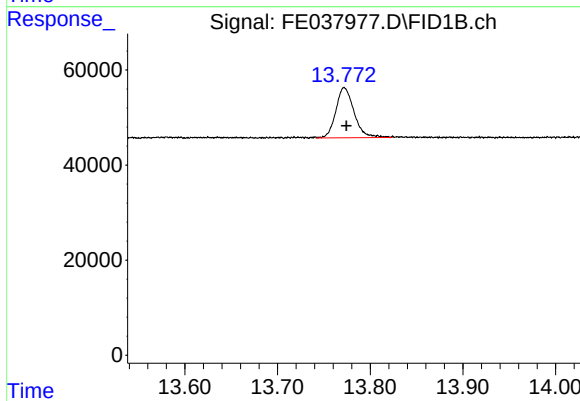
#6 N-OCTADECANE

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 130632
Conc: 0.86 ug/ml m



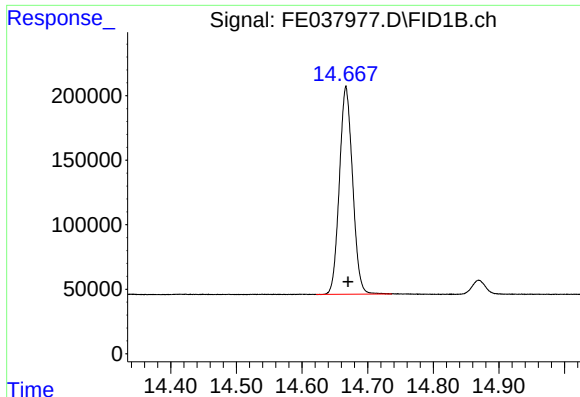
#7 N-EICOSANE

R.T.: 12.583 min
Delta R.T.: -0.002 min
Response: 126889
Conc: 0.83 ug/ml



#8 N-DOCOSANE

R.T.: 13.772 min
Delta R.T.: -0.003 min
Response: 144015
Conc: 0.97 ug/ml m



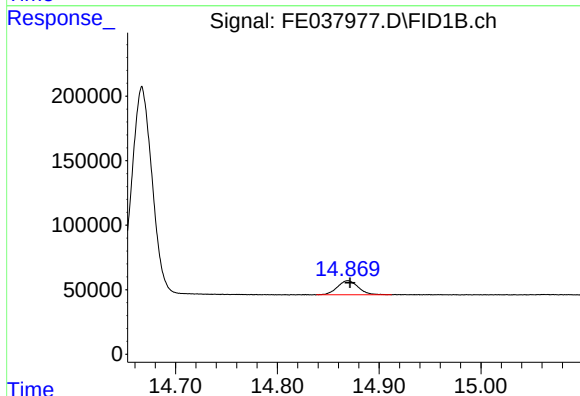
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.667 min
Delta R.T.: -0.003 min
Response: 2248294
Conc: 17.31 ug/ml

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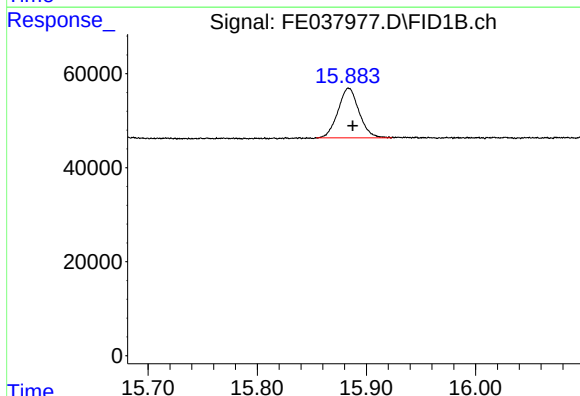
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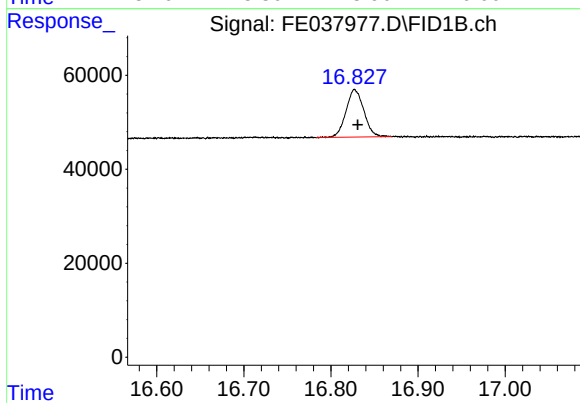
#10 N-TETRACOSANE

R.T.: 14.869 min
Delta R.T.: -0.002 min
Response: 153378
Conc: 1.03 ug/ml



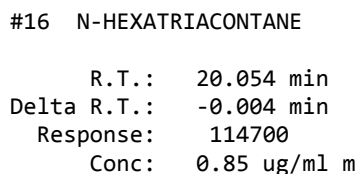
#11 N-HEXACOSANE

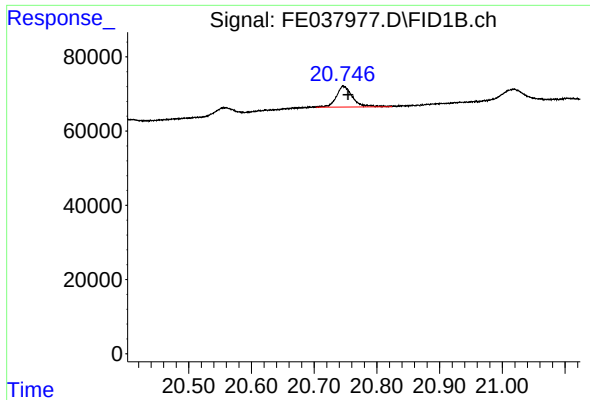
R.T.: 15.883 min
Delta R.T.: -0.004 min
Response: 141580
Conc: 0.98 ug/ml



#12 N-OCTACOSANE

R.T.: 16.827 min
Delta R.T.: -0.004 min
Response: 144072
Conc: 1.02 ug/ml





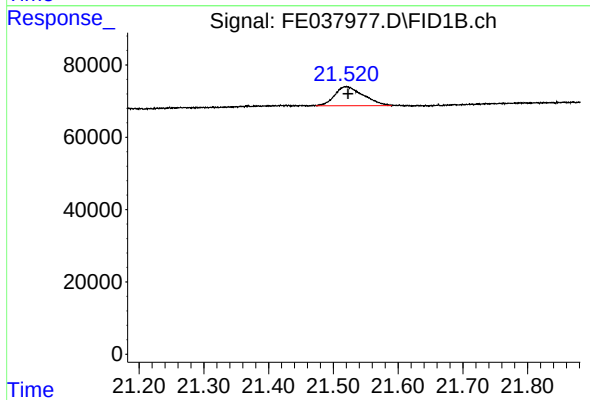
#17 N-OCTATRIACONTANE

R.T.: 20.746 min
Delta R.T.: -0.009 min
Response: 102539
Conc: 0.75 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.520 min
Delta R.T.: -0.002 min
Response: 162540
Conc: 1.12 ug/ml m