

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101124\
 Data File : FG014419.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 17:49
 Operator : YP\AJ
 Sample : P4368-06
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:02:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.914	2224538	17.965 ug/ml
Target Compounds			
1) N-OCTANE	1.940	121244	0.963 ug/ml
2) N-DECANE	4.431	112185	0.952 ug/mlm
3) N-DODECANE	6.603	83383	0.713 ug/mlm
4) N-TETRADECANE	8.520f	127269	1.048 ug/mlm
5) N-HEXADECANE	10.079	128666	1.011 ug/mlm
6) N-OCTADECANE	11.507	132479	0.991 ug/ml
7) N-EICOSANE	12.812	138414	0.996 ug/mlm
8) N-DOCOSANE	14.009	148964	1.086 ug/ml
10) N-TETRACOSANE	15.121	169600	1.230 ug/ml
11) N-HEXACOSANE	16.173	155239	1.123 ug/mlm
12) N-OCTACOSANE	17.117	152683	1.114 ug/mlm
13) N-TRIACONTANE	18.000	160801	1.160 ug/mlm
14) N-DOTRIACONTANE	18.838	126386	0.927 ug/ml
15) N-TETRATRIACONTANE	19.621	92416	0.702 ug/mlm
16) N-HEXATRIACONTANE	20.367	78879	0.616 ug/mlm
17) N-OCTATRIACONTANE	21.094	54744	0.479 ug/ml
18) N-TETRACONTANE	21.992	89959	0.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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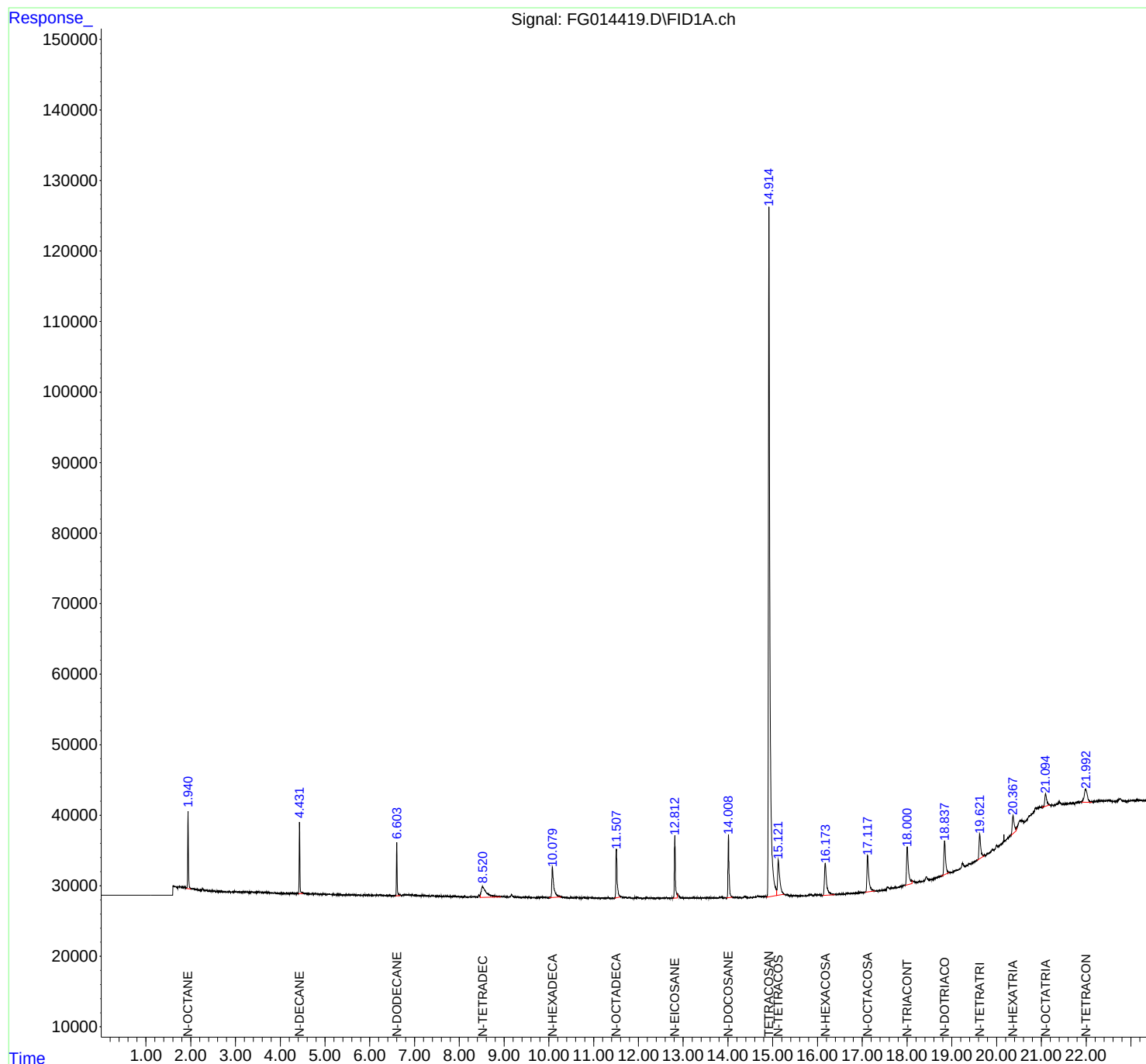
Instrument :
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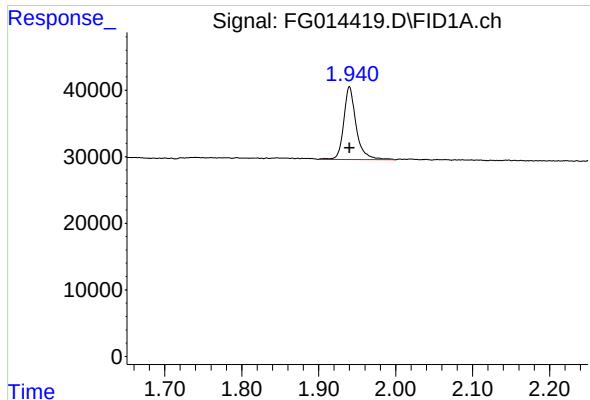
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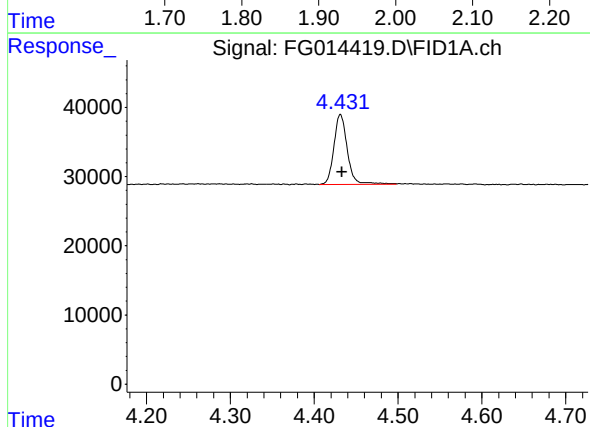
#1 N-OCTANE

R.T.: 1.940 min
Delta R.T.: 0.000 min
Response: 121244
Conc: 0.96 ug/ml

Instrument :
FID_G
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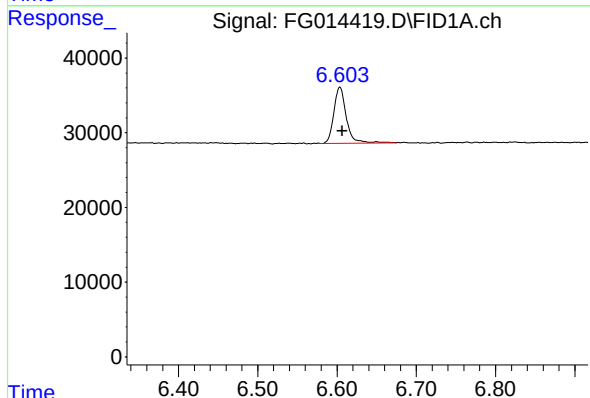
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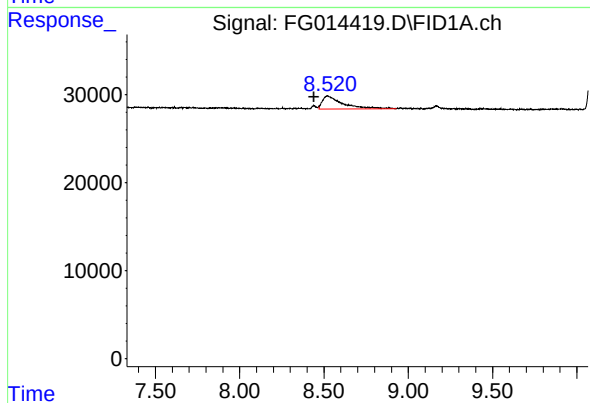
#2 N-DECANE

R.T.: 4.431 min
Delta R.T.: -0.002 min
Response: 112185
Conc: 0.95 ug/ml m



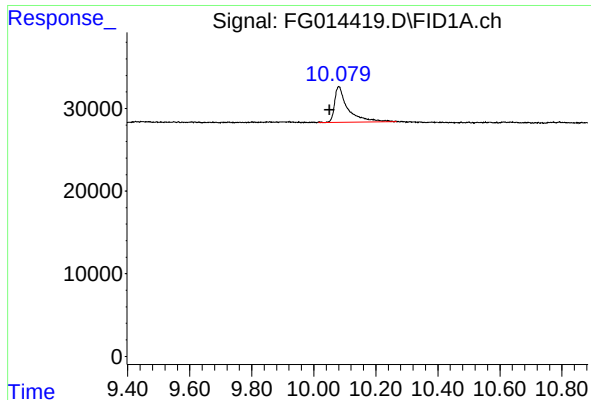
#3 N-DODECANE

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 83383
Conc: 0.71 ug/ml m



#4 N-TETRADECANE

R.T.: 8.520 min
Delta R.T.: 0.079 min
Response: 127269
Conc: 1.05 ug/ml m



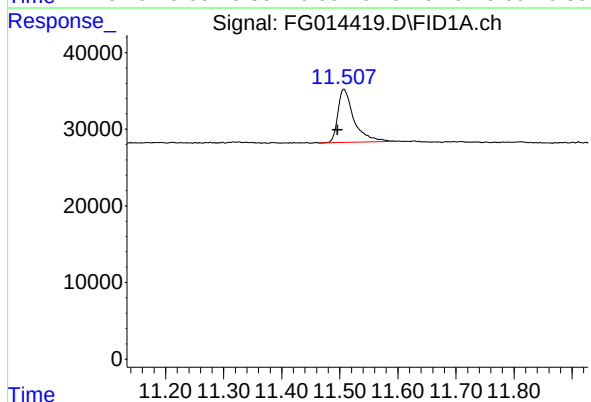
#5 N-HEXADECANE

R.T.: 10.079 min
Delta R.T.: 0.028 min
Response: 128666
Conc: 1.01 ug/ml

Instrument :
FID_G
ClientSampleId :
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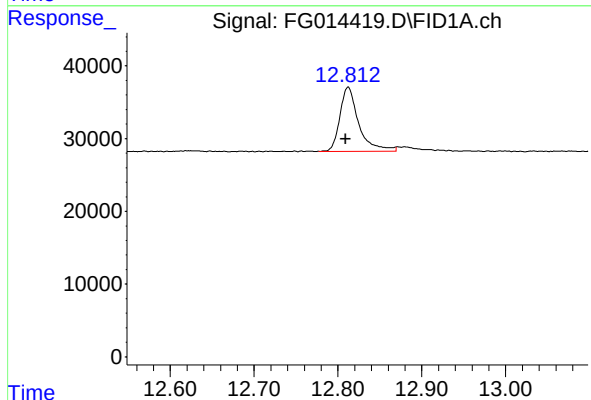
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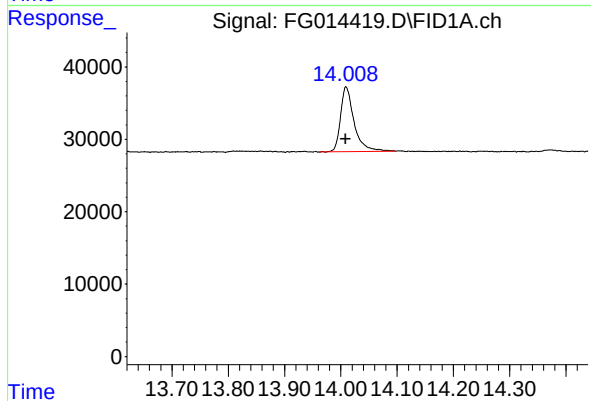
#6 N-OCTADECANE

R.T.: 11.507 min
Delta R.T.: 0.011 min
Response: 132479
Conc: 0.99 ug/ml



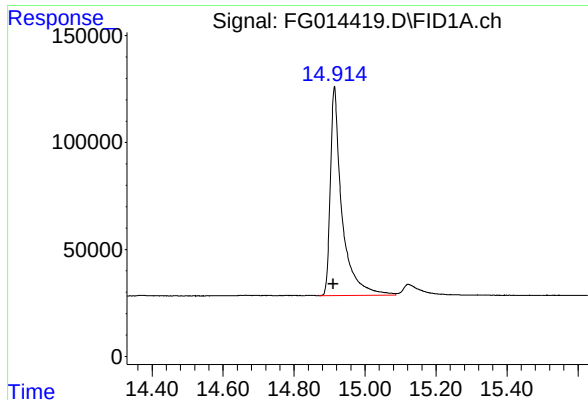
#7 N-EICOSANE

R.T.: 12.812 min
Delta R.T.: 0.003 min
Response: 138414
Conc: 1.00 ug/ml m



#8 N-DOCOSANE

R.T.: 14.009 min
Delta R.T.: 0.000 min
Response: 148964
Conc: 1.09 ug/ml



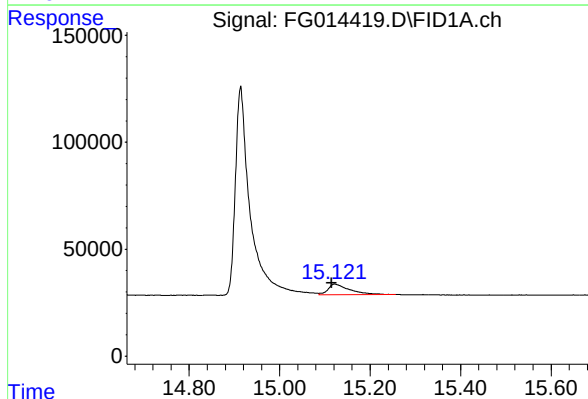
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.914 min
Delta R.T.: 0.003 min
Response: 2224538
Conc: 17.96 ug/ml

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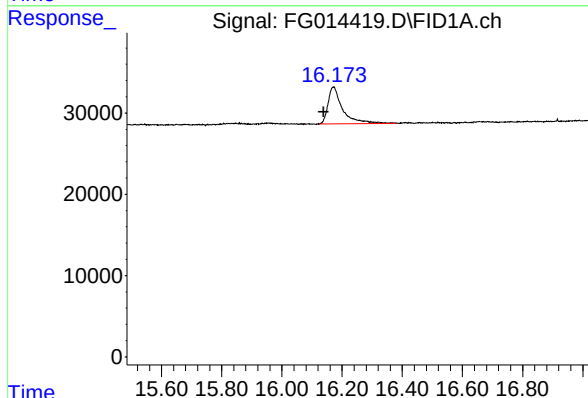
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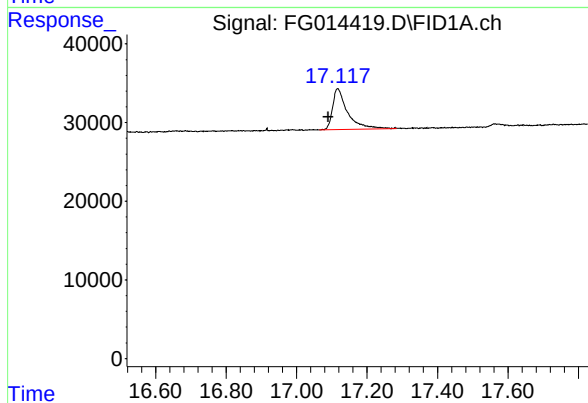
#10 N-TETRACOSANE

R.T.: 15.121 min
Delta R.T.: 0.007 min
Response: 169600
Conc: 1.23 ug/ml



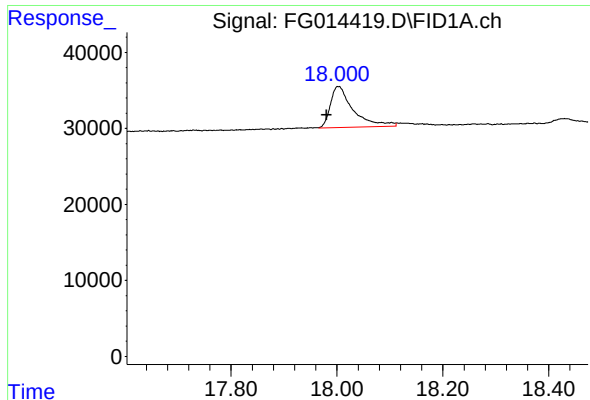
#11 N-HEXACOSANE

R.T.: 16.173 min
Delta R.T.: 0.035 min
Response: 155239
Conc: 1.12 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.117 min
Delta R.T.: 0.027 min
Response: 152683
Conc: 1.11 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.000 min
Delta R.T.: 0.019 min
Response: 160801
Conc: 1.16 ug/ml

Instrument :

FID_G

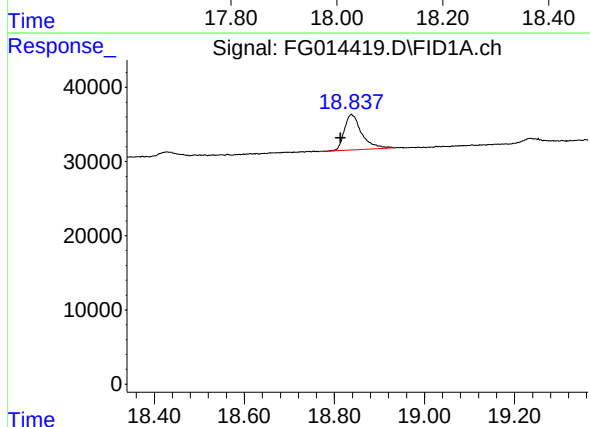
ClientSampleId :

MDL-SOIL-06-QT4-2024

Manual Integrations

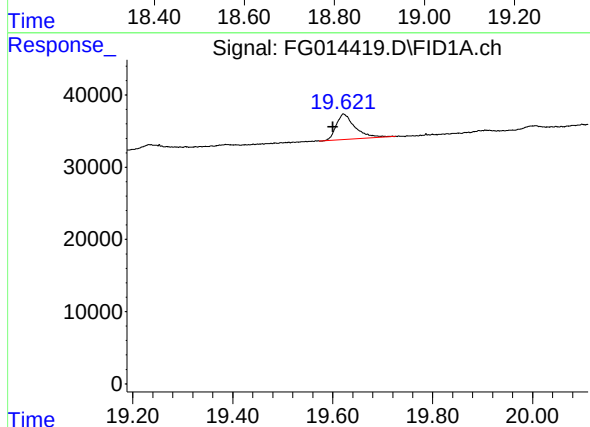
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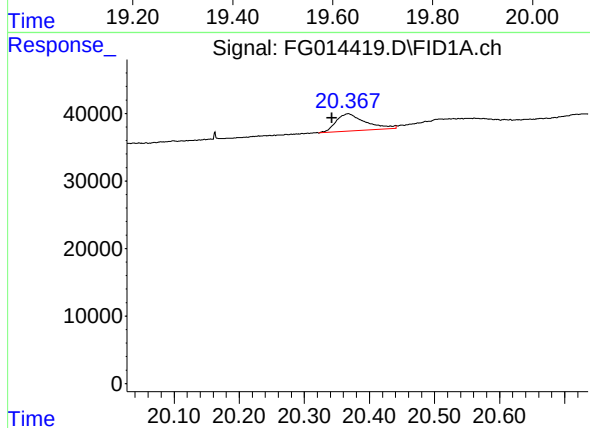
#14 N-DOTRIACONTANE

R.T.: 18.838 min
Delta R.T.: 0.024 min
Response: 126386
Conc: 0.93 ug/ml



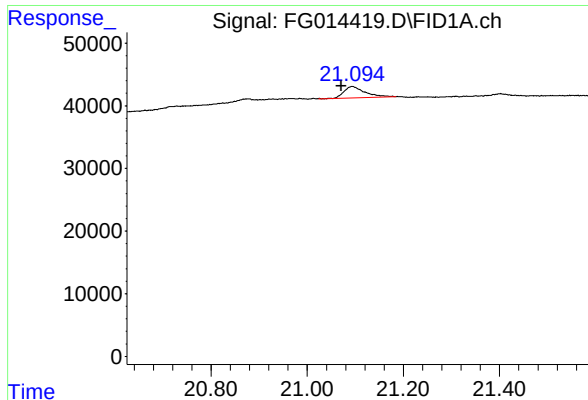
#15 N-TETRATRIACONTANE

R.T.: 19.621 min
Delta R.T.: 0.020 min
Response: 92416
Conc: 0.70 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.367 min
Delta R.T.: 0.025 min
Response: 78879
Conc: 0.62 ug/ml m



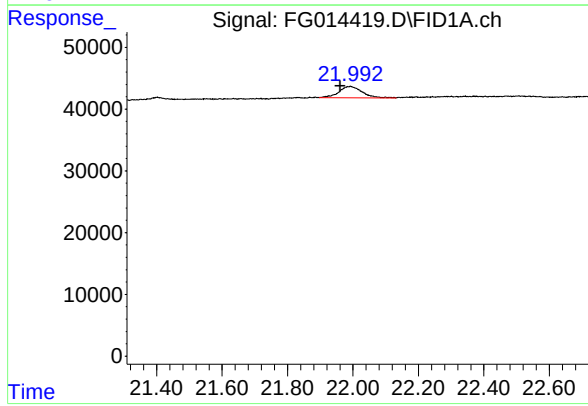
#17 N-OCTATRIACONTANE

R.T.: 21.094 min
Delta R.T.: 0.023 min
Response: 54744
Conc: 0.48 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.992 min
Delta R.T.: 0.031 min
Response: 89959
Conc: 0.84 ug/ml