

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
 Data File : FG014396.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2024 17:08
 Operator : YP\AJ
 Sample : P4368-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 02:16:47 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...	14.913	2081426	16.809 ug/ml
Target Compounds			
1) N-OCTANE	1.941	586555	4.658 ug/ml
2) N-DECANE	4.432	607805	5.160 ug/ml
3) N-DODECANE	6.604	560708	4.791 ug/ml
4) N-TETRADECANE	8.450	588836	4.849 ug/ml
5) N-HEXADECANE	10.057	663513	5.213 ug/ml
6) N-OCTADECANE	11.499	686873	5.139 ug/ml
7) N-EICOSANE	12.808	691614	4.976 ug/ml
8) N-DOCOSANE	14.008	711692	5.189 ug/ml
10) N-TETRACOSANE	15.117	719631	5.220 ug/ml
11) N-HEXACOSANE	16.142	708145	5.123 ug/ml
12) N-OCTACOSANE	17.095	697788	5.092 ug/ml
13) N-TRIACONTANE	17.986	673377	4.856 ug/ml
14) N-DOTRIACONTANE	18.820	561129	4.116 ug/ml
15) N-TETRATRIACONTANE	19.605	395977	3.009 ug/mlm
16) N-HEXATRIACONTANE	20.351	289607	2.263 ug/mlm
17) N-OCTATRIACONTANE	21.082	256976	2.246 ug/ml
18) N-TETRACONTANE	21.977	229605	2.139 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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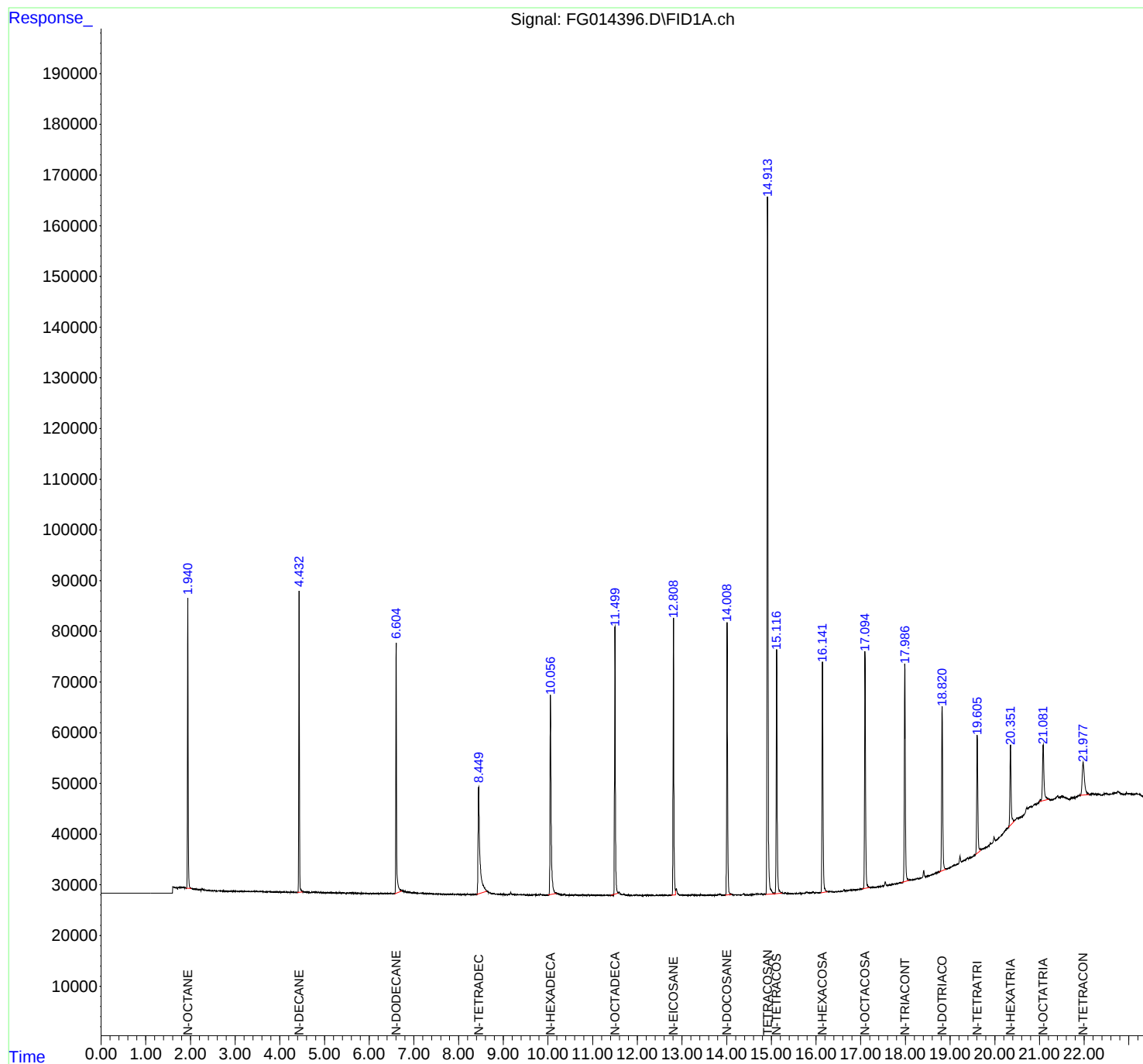
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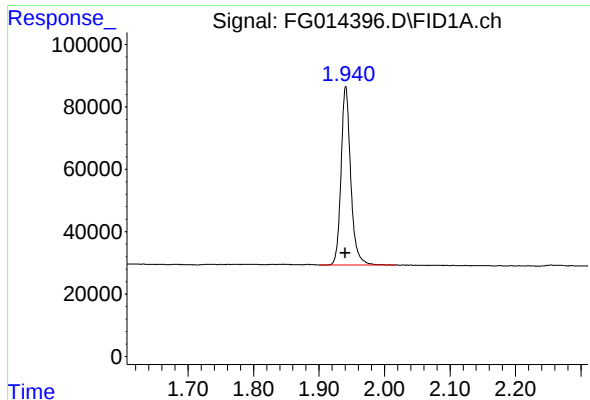
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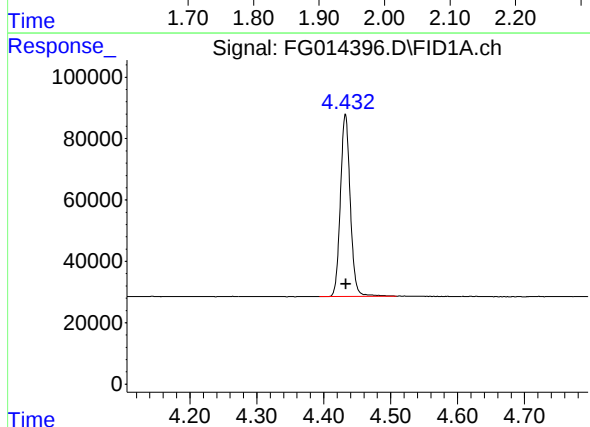
#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.000 min
Response: 586555
Conc: 4.66 ug/ml

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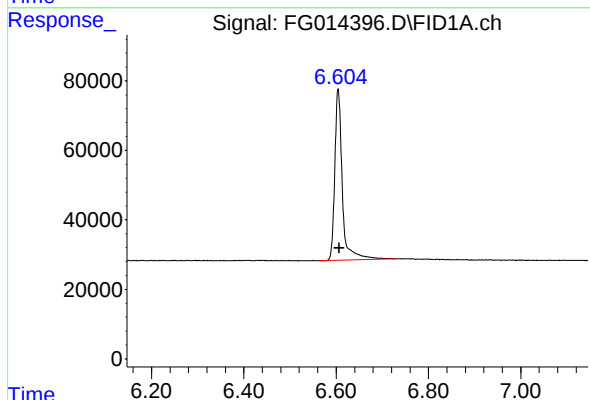
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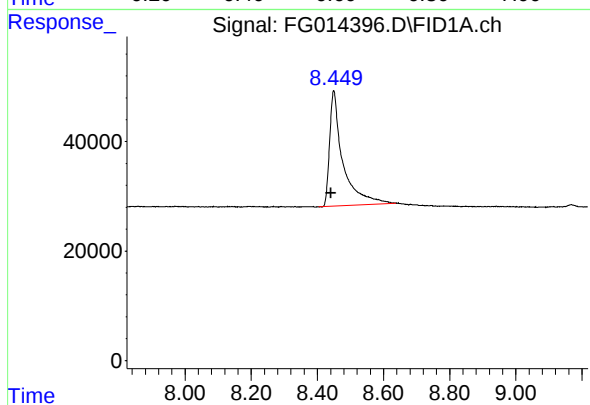
#2 N-DECANE

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 607805
Conc: 5.16 ug/ml



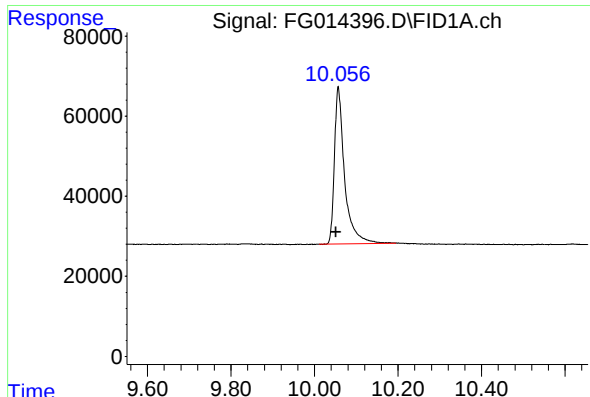
#3 N-DODECANE

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 560708
Conc: 4.79 ug/ml



#4 N-TETRADECANE

R.T.: 8.450 min
Delta R.T.: 0.008 min
Response: 588836
Conc: 4.85 ug/ml



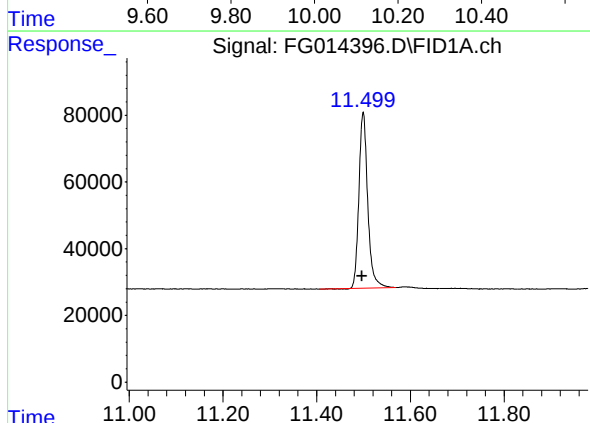
#5 N-HEXADECANE

R.T.: 10.057 min
Delta R.T.: 0.006 min
Response: 663513
Conc: 5.21 ug/ml

Instrument :
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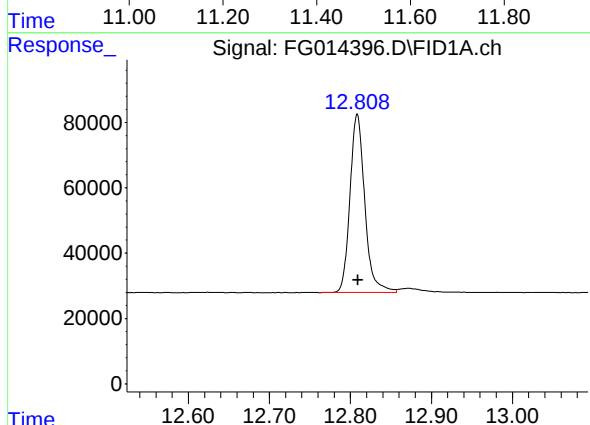
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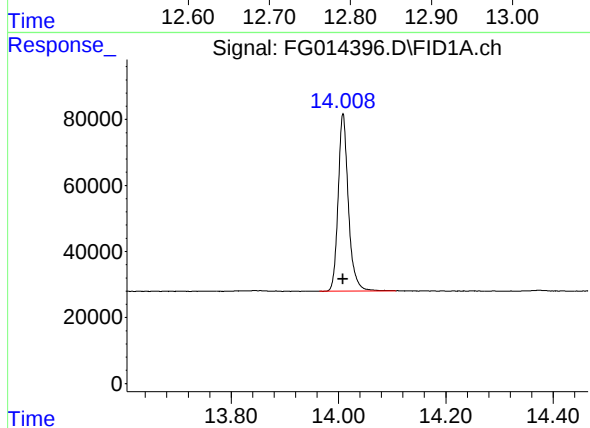
#6 N-OCTADECANE

R.T.: 11.499 min
Delta R.T.: 0.003 min
Response: 686873
Conc: 5.14 ug/ml



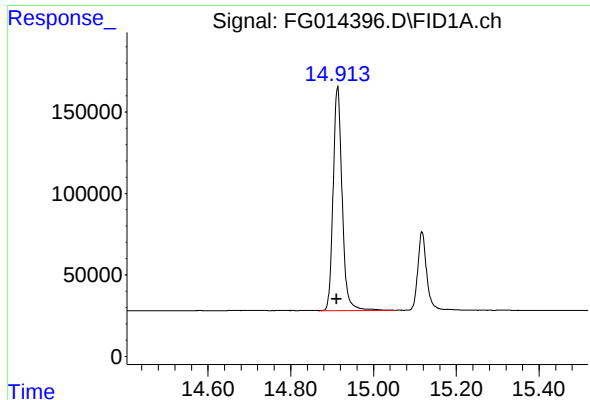
#7 N-EICOSANE

R.T.: 12.808 min
Delta R.T.: 0.000 min
Response: 691614
Conc: 4.98 ug/ml



#8 N-DOCOSANE

R.T.: 14.008 min
Delta R.T.: 0.000 min
Response: 711692
Conc: 5.19 ug/ml



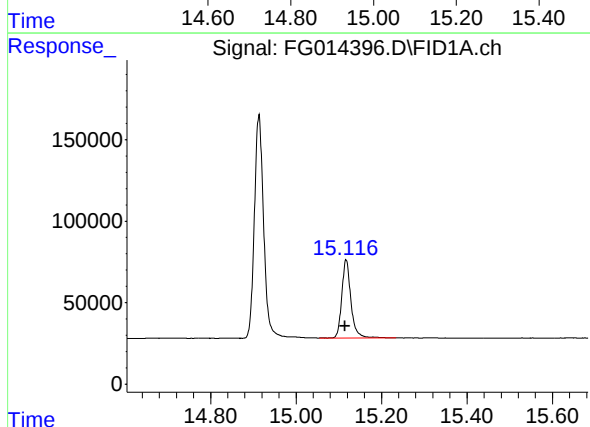
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.913 min
Delta R.T.: 0.002 min
Response: 2081426
Conc: 16.81 ug/ml

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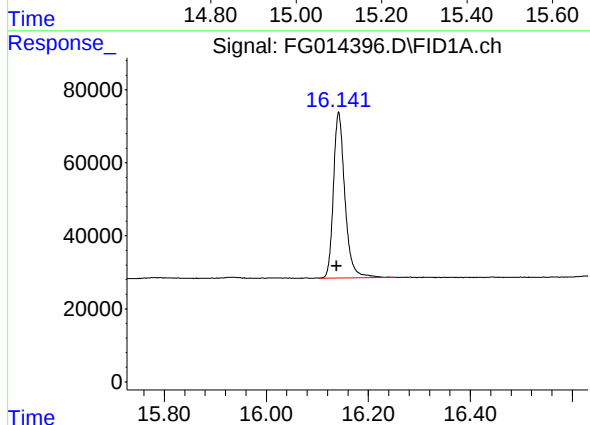
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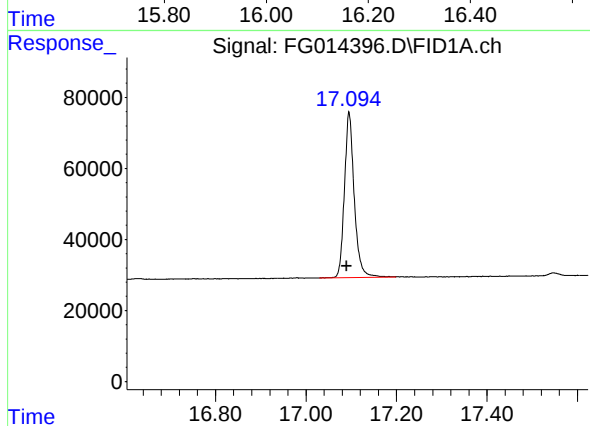
#10 N-TETRACOSANE

R.T.: 15.117 min
Delta R.T.: 0.002 min
Response: 719631
Conc: 5.22 ug/ml



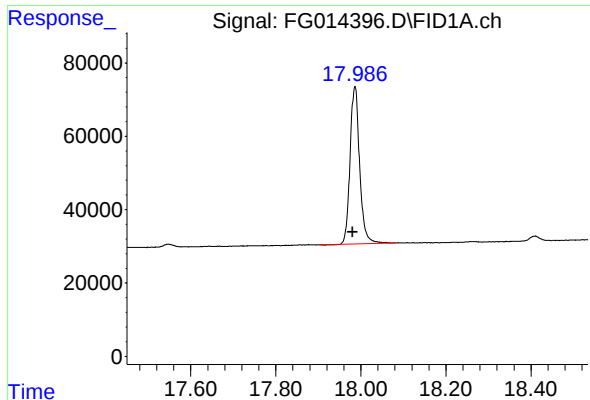
#11 N-HEXACOSANE

R.T.: 16.142 min
Delta R.T.: 0.004 min
Response: 708145
Conc: 5.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.095 min
Delta R.T.: 0.005 min
Response: 697788
Conc: 5.09 ug/ml



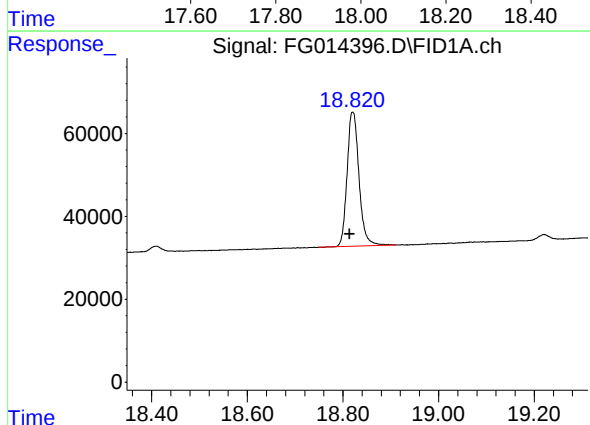
#13 N-TRIACONTANE

R.T.: 17.986 min
Delta R.T.: 0.006 min
Response: 673377
Conc: 4.86 ug/ml

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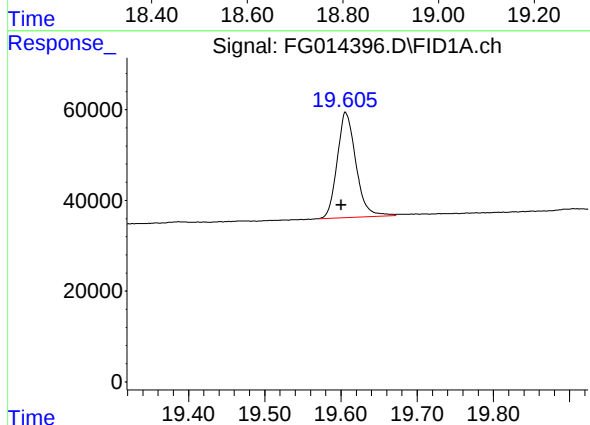
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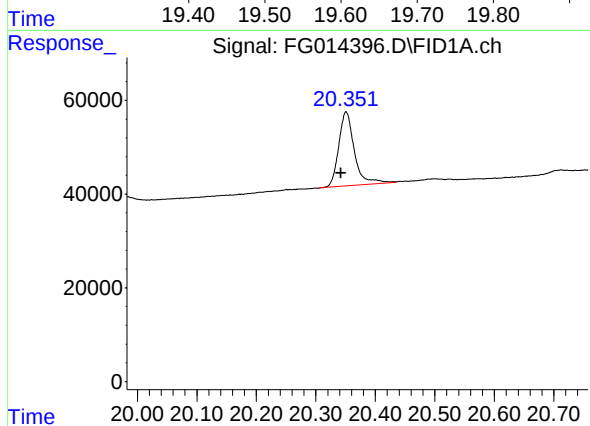
#14 N-DOTRIACONTANE

R.T.: 18.820 min
Delta R.T.: 0.007 min
Response: 561129
Conc: 4.12 ug/ml



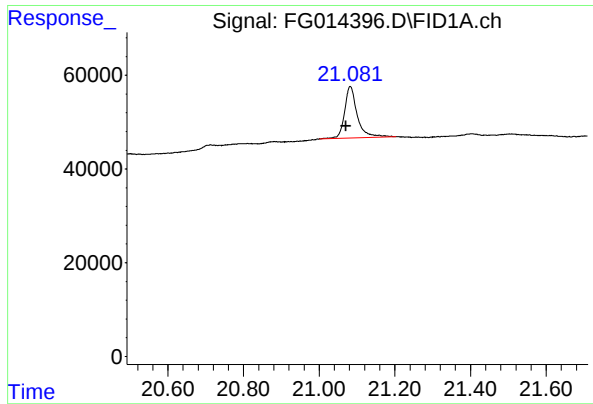
#15 N-TETRATRIACONTANE

R.T.: 19.605 min
Delta R.T.: 0.005 min
Response: 395977
Conc: 3.01 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.351 min
Delta R.T.: 0.008 min
Response: 289607
Conc: 2.26 ug/ml m



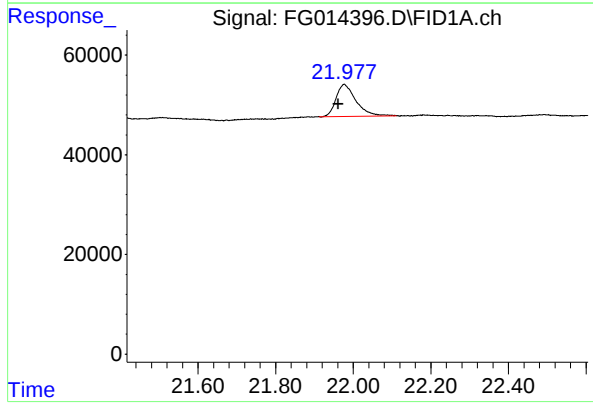
#17 N-OCTATRIACONTANE

R.T.: 21.082 min
Delta R.T.: 0.011 min
Response: 256976
Conc: 2.25 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.977 min
Delta R.T.: 0.016 min
Response: 229605
Conc: 2.14 ug/ml m