

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016370.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 14:08
 Operator : YP\AJ
 Sample : Q2893-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 07:10:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.204	1771918	18.598 ug/ml
Target Compounds			
1) N-OCTANE	2.117	112759	1.063 ug/ml
2) N-DECANE	4.665	122789	1.136 ug/ml
3) N-DODECANE	6.849	119213	1.097 ug/ml
4) N-TETRADECANE	8.691	124947	1.143 ug/ml
5) N-HEXADECANE	10.312	121114	1.114 ug/ml
6) N-OCTADECANE	11.767	123991	1.121 ug/ml
7) N-EICOSANE	13.086	128502	1.137 ug/ml
8) N-DOCOSANE	14.296	123943	1.128 ug/ml
10) N-TETRACOSANE	15.408	123860	1.130 ug/ml
11) N-HEXACOSANE	16.437	118927	1.112 ug/ml
12) N-OCTACOSANE	17.393	118754	1.102 ug/mlm
13) N-TRIACONTANE	18.289	118994	1.092 ug/mlm
14) N-DOTRIACONTANE	19.127	110762	1.052 ug/mlm
15) N-TETRATRIACONTANE	19.917	86899	0.912 ug/mlm
16) N-HEXATRIACONTANE	20.662	59204	0.792 ug/mlm
17) N-OCTATRIACONTANE	21.457	46480	0.775 ug/mlm
18) N-TETRACONTANE	22.474	35088	0.835 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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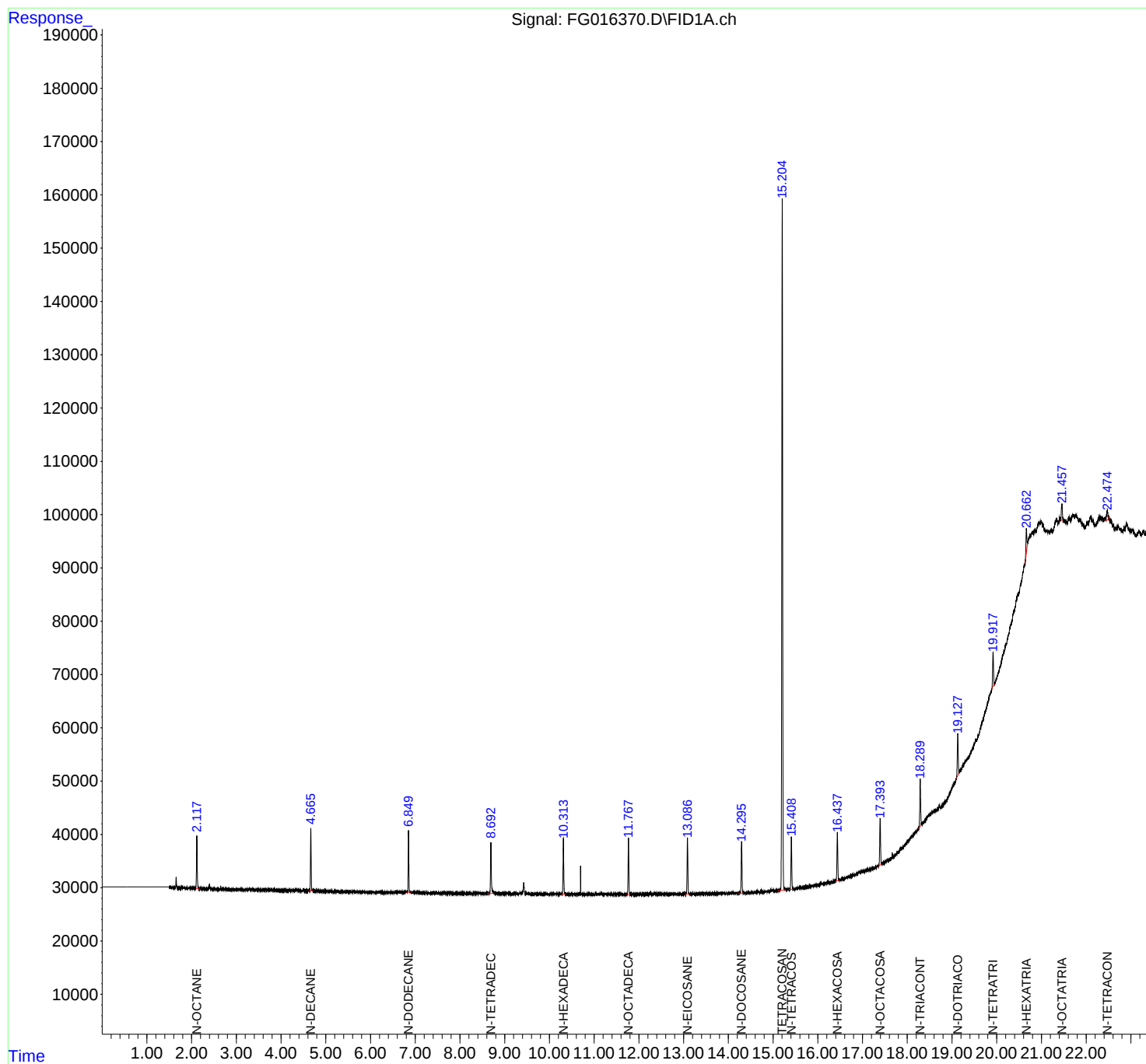
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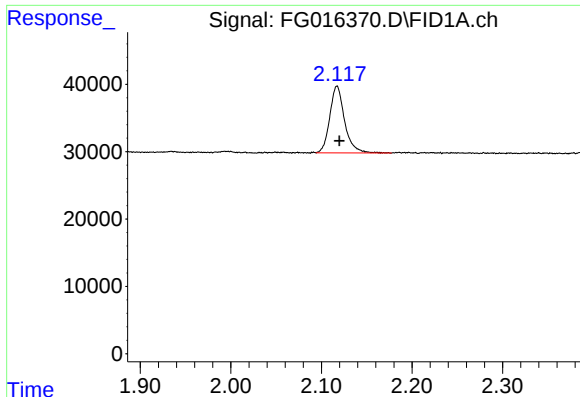
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Integrator: ChemStation

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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.117 min
Delta R.T.: -0.003 min
Response: 112759
Conc: 1.06 ug/ml

Instrument :

FID_G

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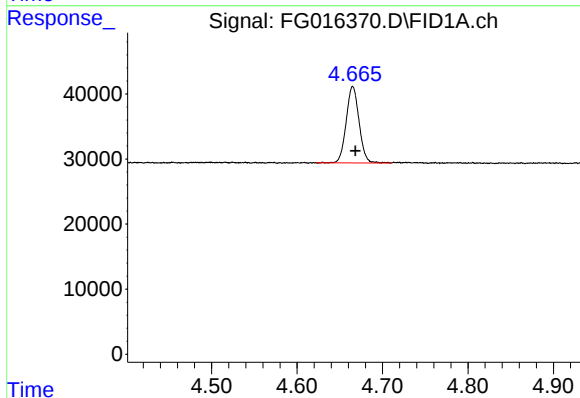
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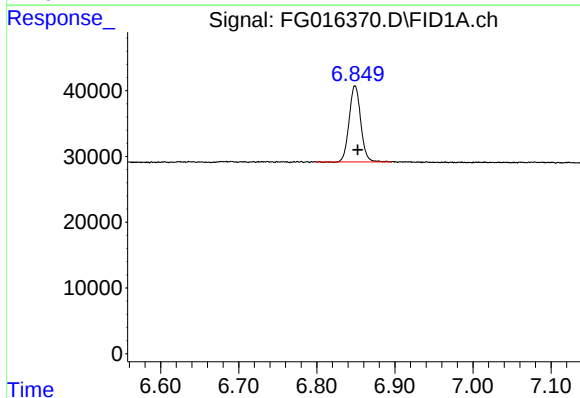
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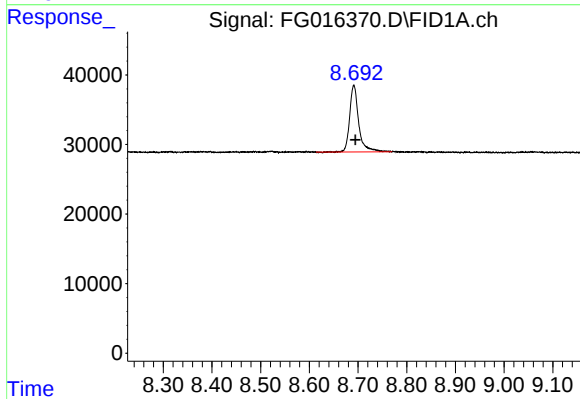
#2 N-DECANE

R.T.: 4.665 min
Delta R.T.: -0.003 min
Response: 122789
Conc: 1.14 ug/ml



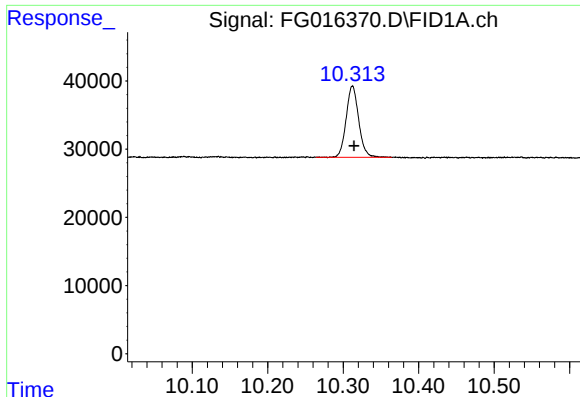
#3 N-DODECANE

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 119213
Conc: 1.10 ug/ml



#4 N-TETRADECANE

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 124947
Conc: 1.14 ug/ml



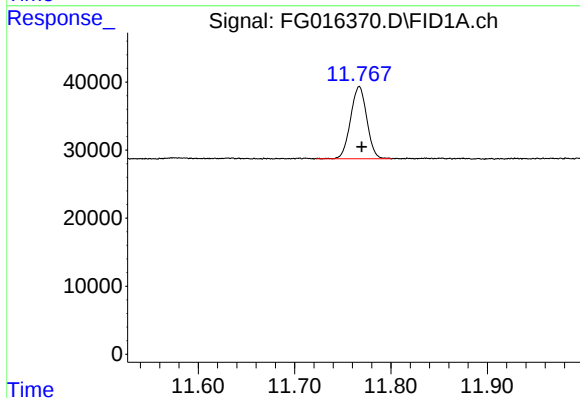
#5 N-HEXADECANE

R.T.: 10.312 min
Delta R.T.: -0.002 min
Response: 121114
Conc: 1.11 ug/ml

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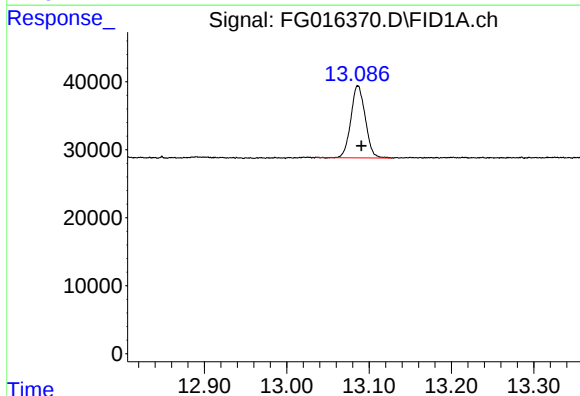
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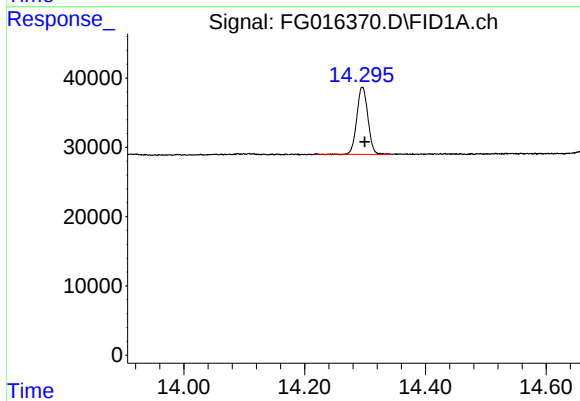
#6 N-OCTADECANE

R.T.: 11.767 min
Delta R.T.: -0.003 min
Response: 123991
Conc: 1.12 ug/ml



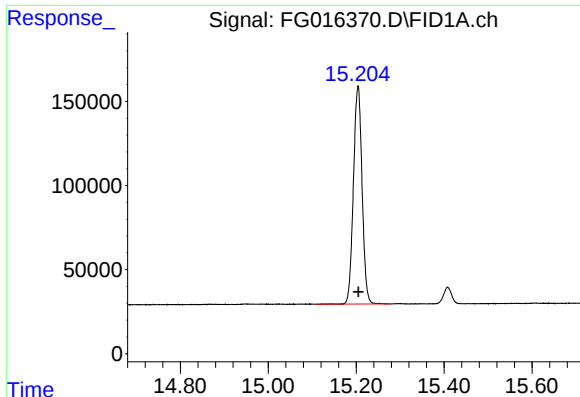
#7 N-EICOSANE

R.T.: 13.086 min
Delta R.T.: -0.004 min
Response: 128502
Conc: 1.14 ug/ml



#8 N-DOCOSANE

R.T.: 14.296 min
Delta R.T.: -0.004 min
Response: 123943
Conc: 1.13 ug/ml



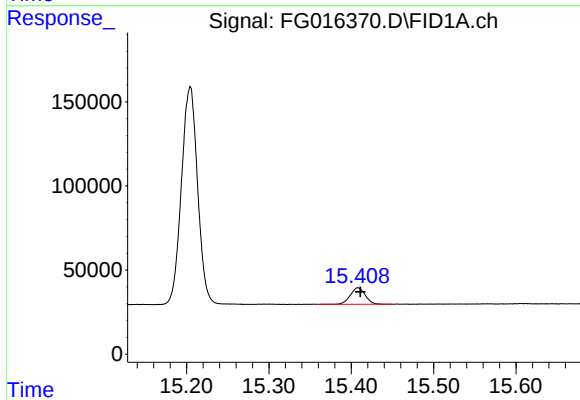
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 1771918
Conc: 18.60 ug/ml

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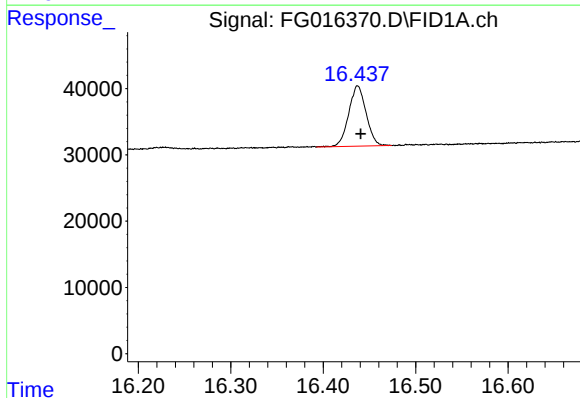
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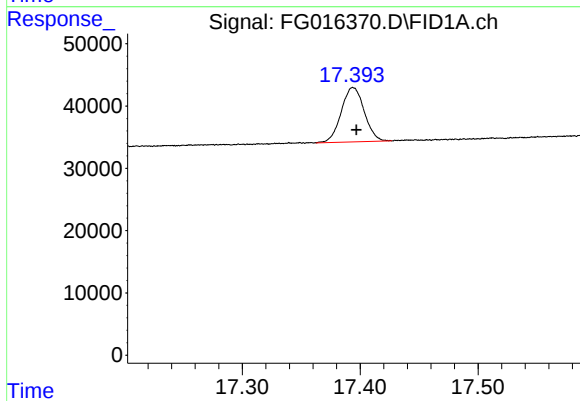
#10 N-TETRACOSANE

R.T.: 15.408 min
Delta R.T.: -0.003 min
Response: 123860
Conc: 1.13 ug/ml



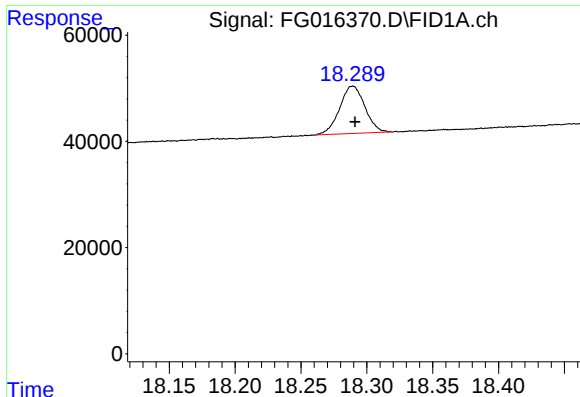
#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: -0.003 min
Response: 118927
Conc: 1.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.393 min
Delta R.T.: -0.003 min
Response: 118754
Conc: 1.10 ug/ml m



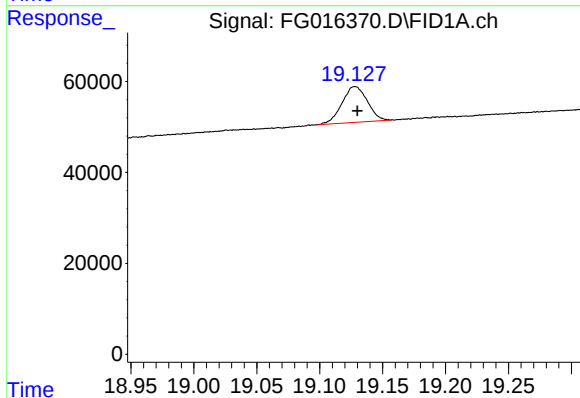
#13 N-TRIACONTANE

R.T.: 18.289 min
Delta R.T.: -0.002 min
Response: 118994
Conc: 1.09 ug/ml

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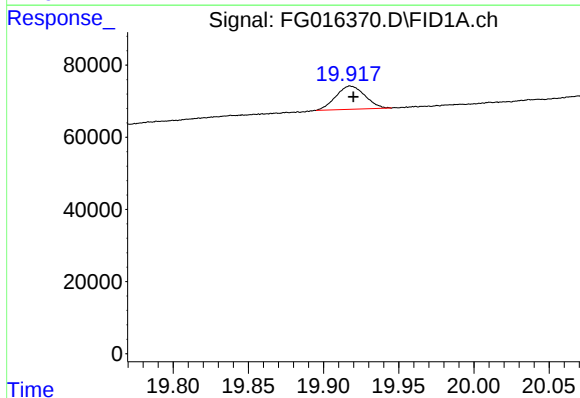
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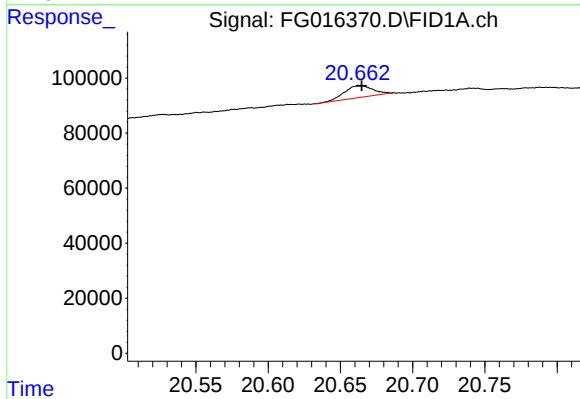
#14 N-DOTRIACONTANE

R.T.: 19.127 min
Delta R.T.: -0.003 min
Response: 110762
Conc: 1.05 ug/ml m



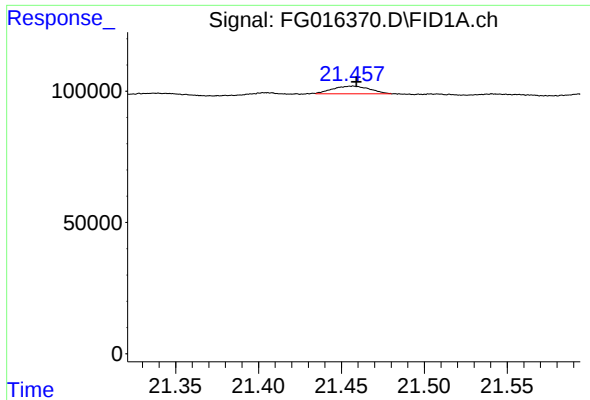
#15 N-TETRATRIACONTANE

R.T.: 19.917 min
Delta R.T.: -0.003 min
Response: 86899
Conc: 0.91 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.662 min
Delta R.T.: -0.003 min
Response: 59204
Conc: 0.79 ug/ml m



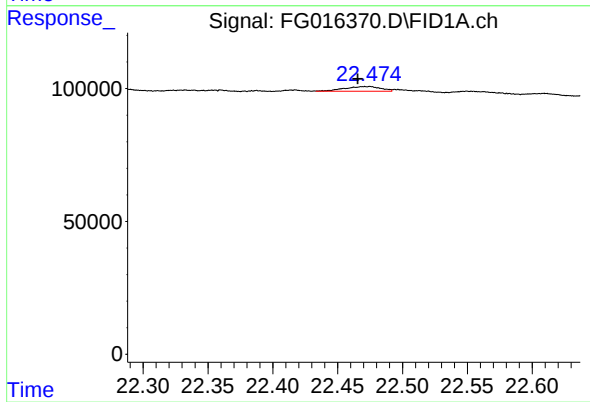
#17 N-OCTATRIACONTANE

R.T.: 21.457 min
Delta R.T.: -0.002 min
Response: 46480
Conc: 0.78 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.474 min
Delta R.T.: 0.009 min
Response: 35088
Conc: 0.83 ug/ml m