

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016338.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 13:52
 Operator : YP\AJ
 Sample : PB168895BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168895BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2025
 Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e
 Quant Time: Jul 19 01:59:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.202	1705185	17.054 ug/ml
Target Compounds			
1) N-OCTANE	2.120	1541234	13.649 ug/ml
2) N-DECANE	4.669	1839228	15.969 ug/ml
3) N-DODECANE	6.852	1893054	16.328 ug/ml
4) N-TETRADECANE	8.693	1952993	16.546 ug/ml
5) N-HEXADECANE	10.313	1948406	16.845 ug/ml
6) N-OCTADECANE	11.767	2004029	17.073 ug/ml
7) N-EICOSANE	13.088	2084438	17.424 ug/ml
8) N-DOCOSANE	14.297	1975026	17.138 ug/ml
10) N-TETRACOSANE	15.409	2013264	17.621 ug/ml
11) N-HEXACOSANE	16.437	1876724	17.055 ug/ml
12) N-OCTACOSANE	17.395	1853659	17.045 ug/ml
13) N-TRIACONTANE	18.289	1837765	17.198 ug/ml
14) N-DOTRIACONTANE	19.127	1735679	17.164 ug/mlm
15) N-TETRATRIACONTANE	19.916	1542300	16.951 ug/mlm
16) N-HEXATRIACONTANE	20.661	1412667	18.758 ug/ml
17) N-OCTATRIACONTANE	21.453	1309156	20.115 ug/ml
18) N-TETRACONTANE	22.460	1154022	20.023 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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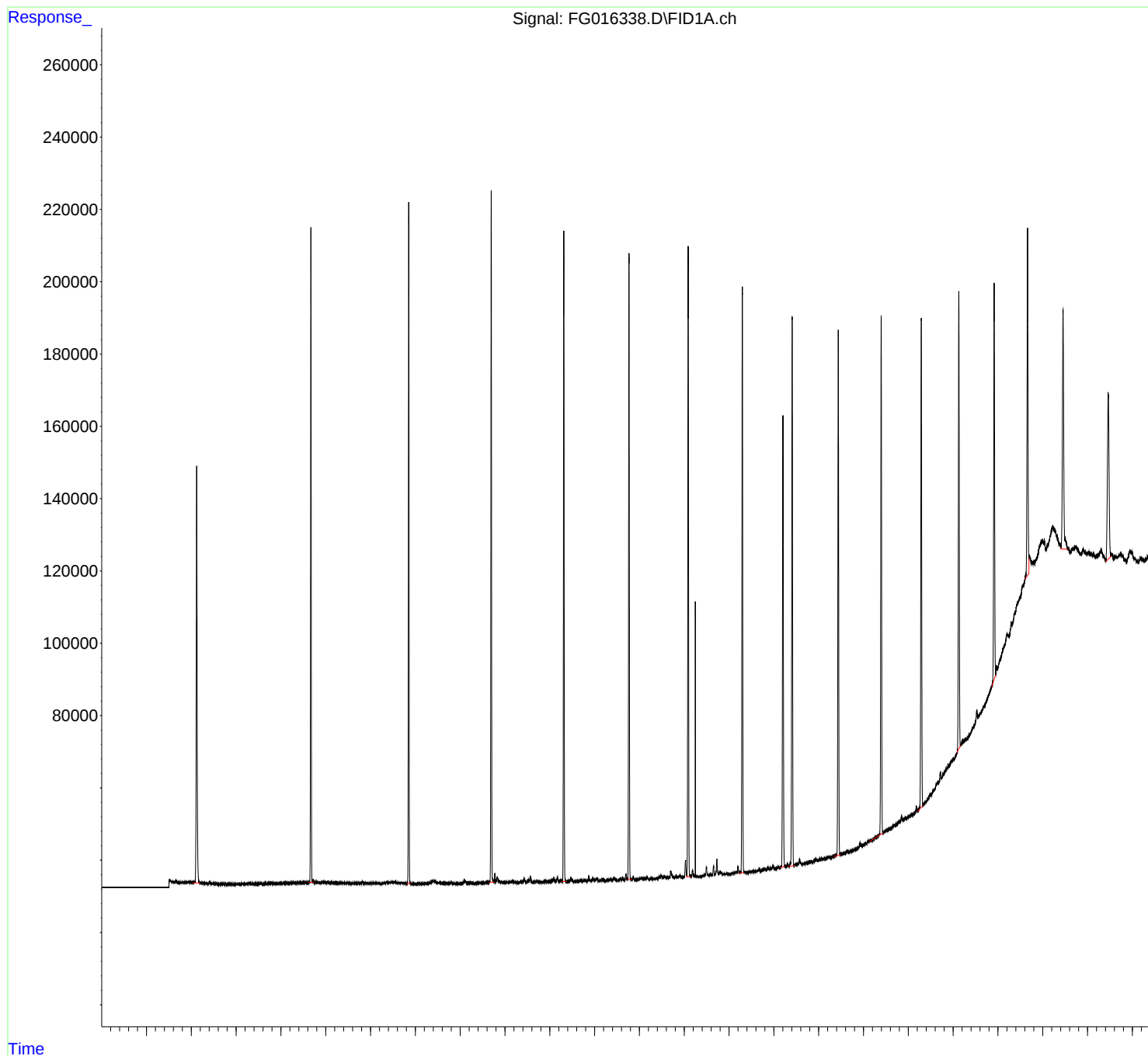
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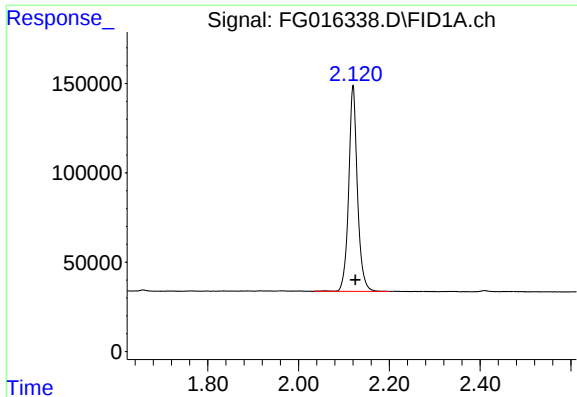
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.120 min
Delta R.T.: -0.005 min
Response: 1541234
Conc: 13.65 ug/ml

Instrument :

FID_G

ClientSampleId :

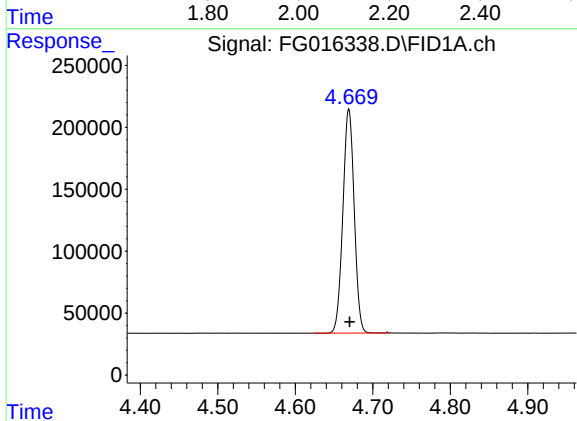
PB168895BS

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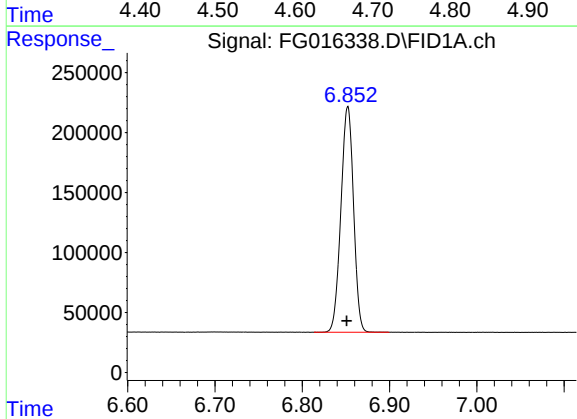
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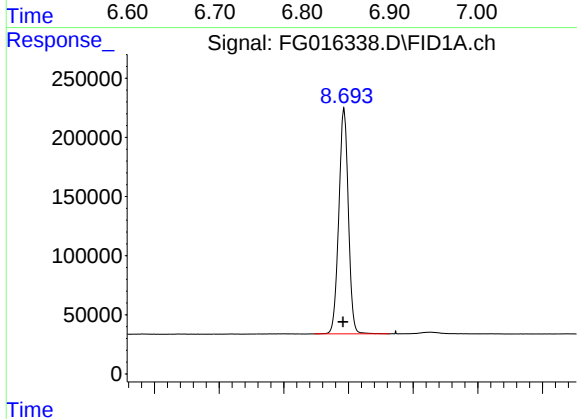
#2 N-DECANE

R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 1839228
Conc: 15.97 ug/ml



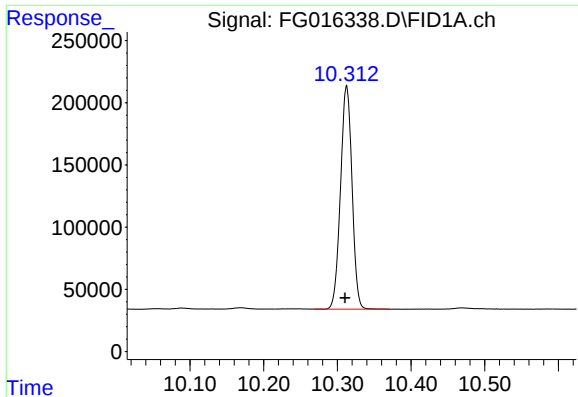
#3 N-DODECANE

R.T.: 6.852 min
Delta R.T.: 0.001 min
Response: 1893054
Conc: 16.33 ug/ml



#4 N-TETRADECANE

R.T.: 8.693 min
Delta R.T.: 0.001 min
Response: 1952993
Conc: 16.55 ug/ml



#5 N-HEXADECANE

R.T.: 10.313 min
Delta R.T.: 0.002 min
Response: 1948406
Conc: 16.85 ug/ml

Instrument :

FID_G

ClientSampleId :

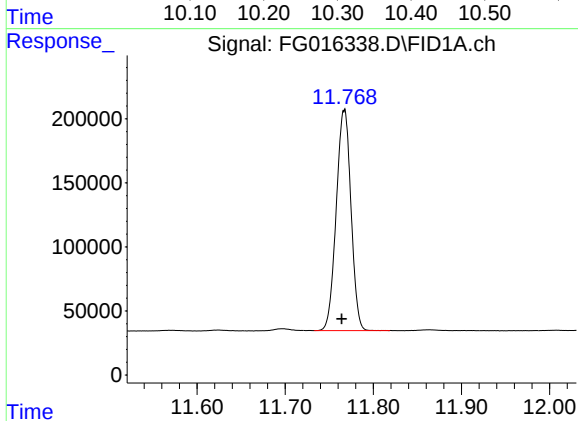
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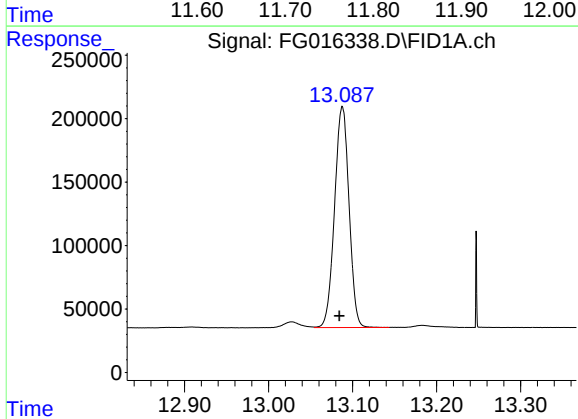
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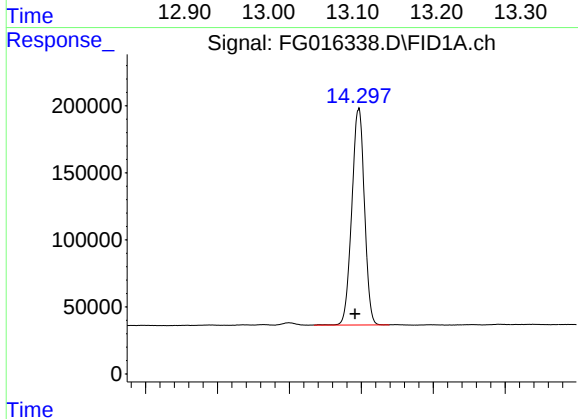
#6 N-OCTADECANE

R.T.: 11.767 min
Delta R.T.: 0.003 min
Response: 2004029
Conc: 17.07 ug/ml



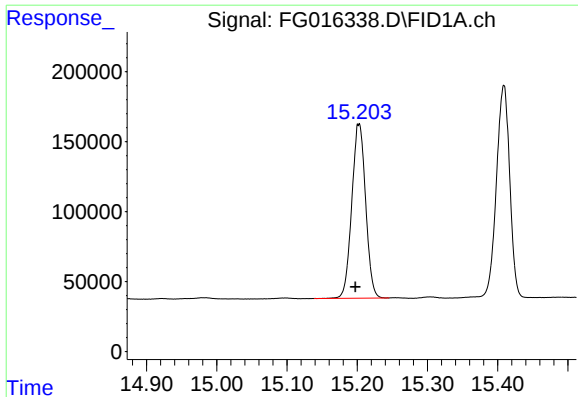
#7 N-EICOSANE

R.T.: 13.088 min
Delta R.T.: 0.004 min
Response: 2084438
Conc: 17.42 ug/ml



#8 N-DOCOSANE

R.T.: 14.297 min
Delta R.T.: 0.005 min
Response: 1975026
Conc: 17.14 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.202 min
Delta R.T.: 0.005 min
Response: 1705185
Conc: 17.05 ug/ml

Instrument :

FID_G

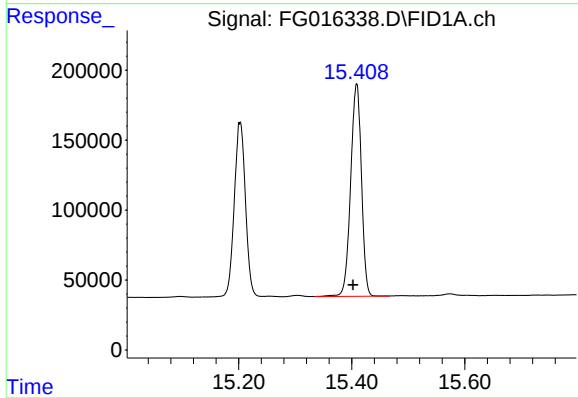
ClientSampleId :

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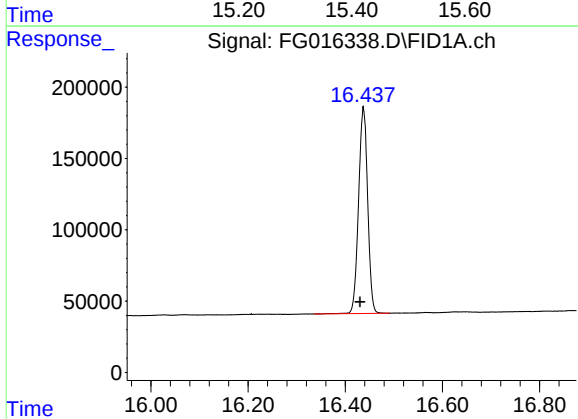
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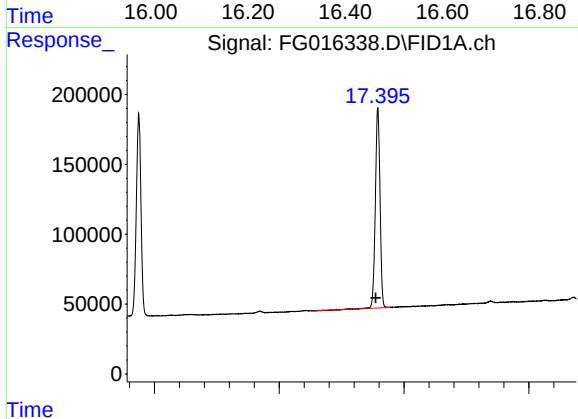
#10 N-TETRACOSANE

R.T.: 15.409 min
Delta R.T.: 0.006 min
Response: 2013264
Conc: 17.62 ug/ml



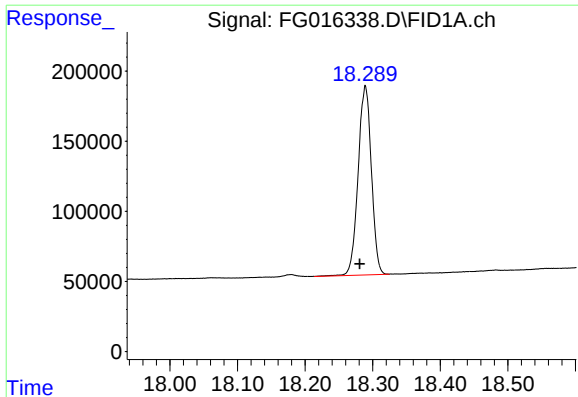
#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: 0.007 min
Response: 1876724
Conc: 17.05 ug/ml



#12 N-OCTACOSANE

R.T.: 17.395 min
Delta R.T.: 0.008 min
Response: 1853659
Conc: 17.05 ug/ml



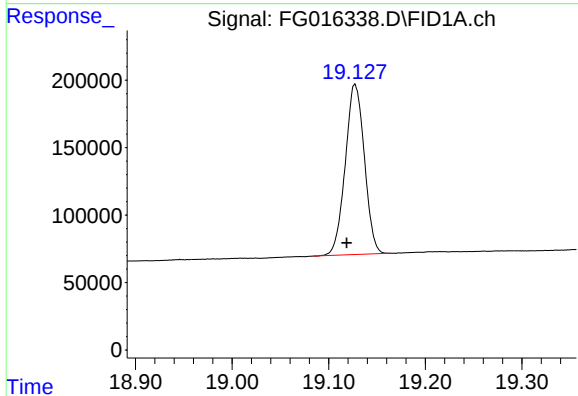
#13 N-TRIACONTANE

R.T.: 18.289 min
Delta R.T.: 0.009 min
Response: 1837765
Conc: 17.20 ug/ml

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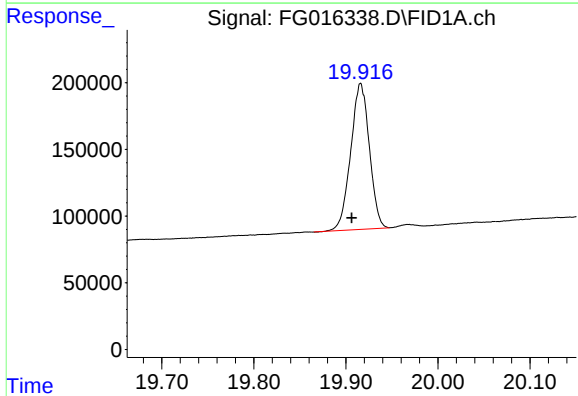
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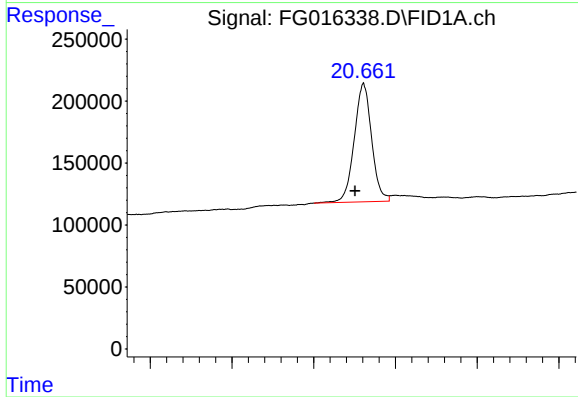
#14 N-DOTRIACONTANE

R.T.: 19.127 min
Delta R.T.: 0.008 min
Response: 1735679
Conc: 17.16 ug/ml m



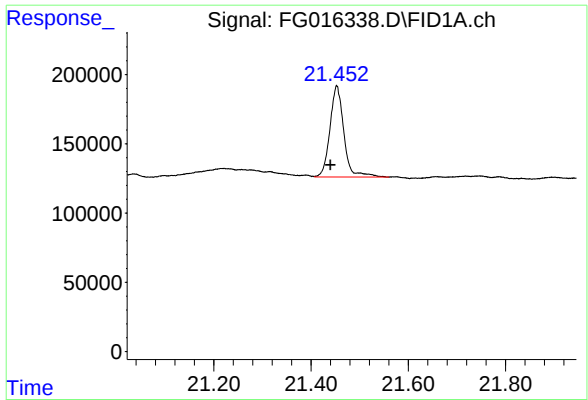
#15 N-TETRATRIACONTANE

R.T.: 19.916 min
Delta R.T.: 0.010 min
Response: 1542300
Conc: 16.95 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.661 min
Delta R.T.: 0.010 min
Response: 1412667
Conc: 18.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.453 min
Delta R.T.: 0.013 min
Response: 1309156
Conc: 20.12 ug/ml

Instrument :

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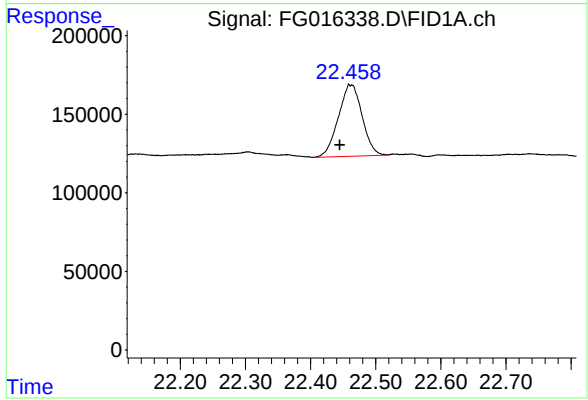
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#18 N-TETRACONTANE

R.T.: 22.460 min
Delta R.T.: 0.015 min
Response: 1154022
Conc: 20.02 ug/ml