

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG010224\
 Data File : FG013329.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 14:47
 Operator : YP\AJ
 Sample : 06041-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-02-12282023MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:09:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 2023
 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...	15.071	1356265	12.634 ug/mlm
Target Compounds			
1) N-OCTANE	2.068	1292400	10.594 ug/ml
2) N-DECANE	4.583	1545074	12.223 ug/ml
3) N-DODECANE	6.757	1322314	10.528 ug/ml
4) N-TETRADECANE	8.594	1835231	15.203 ug/ml
5) N-HEXADECANE	10.208	1957254	16.103 ug/mlm
6) N-OCTADECANE	11.655	2076967	17.282 ug/ml
7) N-EICOSANE	12.969	2057091	17.408 ug/ml
8) N-DOCOSANE	14.170	1973053	17.395 ug/ml
10) N-TETRACOSANE	15.276	2235414	19.194 ug/mlm
11) N-HEXACOSANE	16.301	1958796	17.589 ug/ml
12) N-OCTACOSANE	17.252	1930283	17.491 ug/mlm
13) N-TRIACONTANE	18.144	1931177	17.584 ug/ml
14) N-DOTRIACONTANE	18.975	2084611	19.488 ug/mlm
15) N-TETRATRIACONTANE	19.760	1716784	18.275 ug/mlm
16) N-HEXATRIACONTANE	20.502	1490370	19.218 ug/mlm
17) N-OCTATRIACONTANE	21.257	1246157	18.032 ug/ml
18) N-TETRACONTANE	22.202	1147170	15.829 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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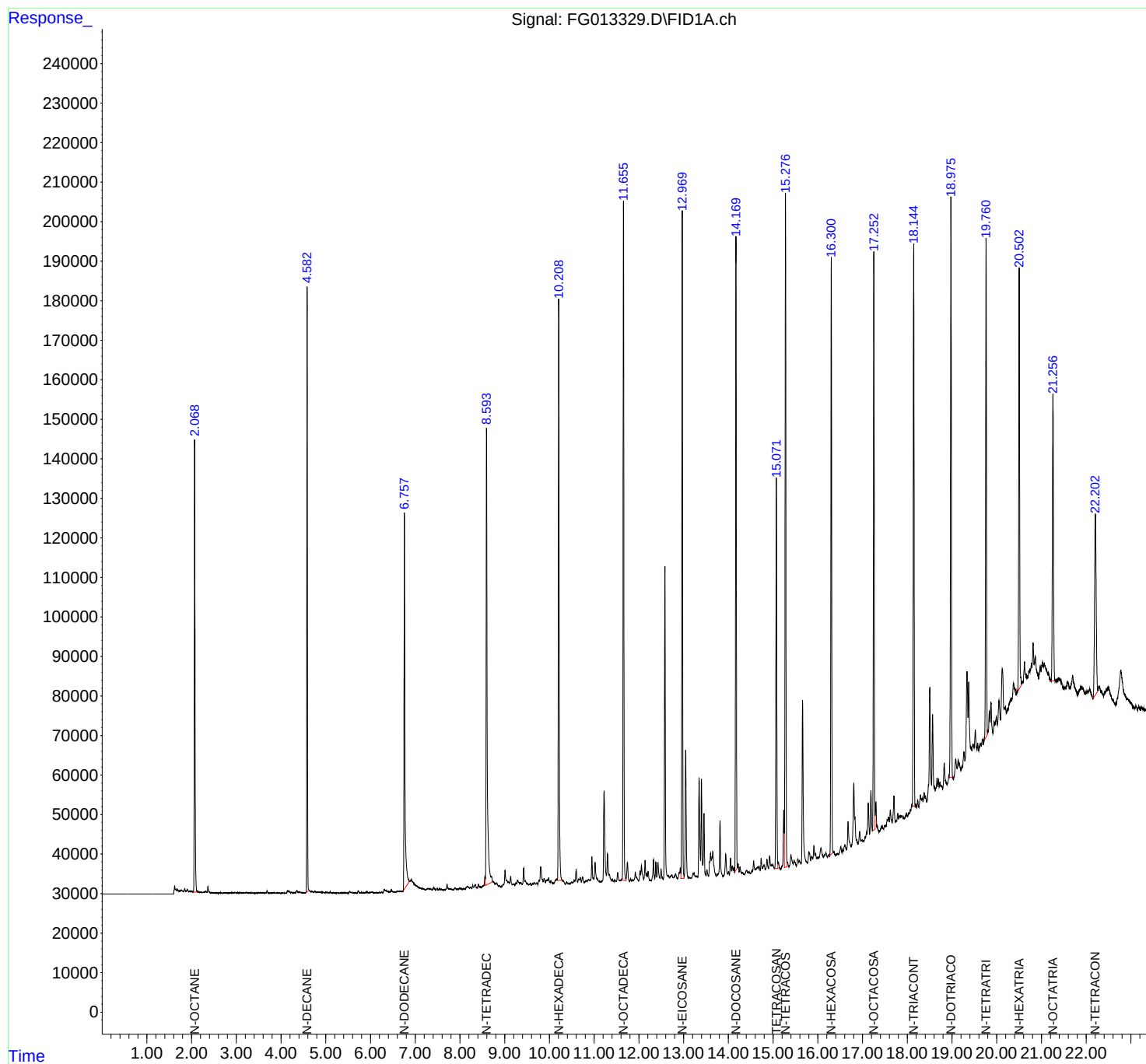
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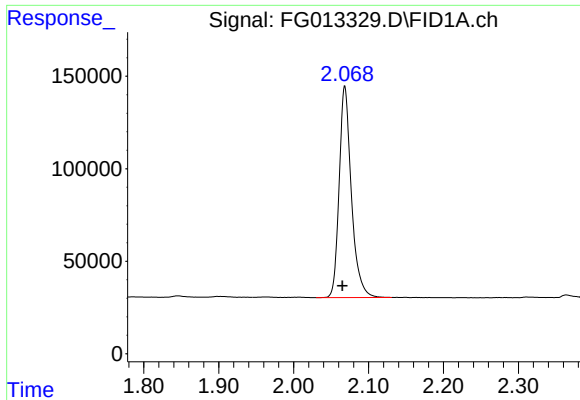
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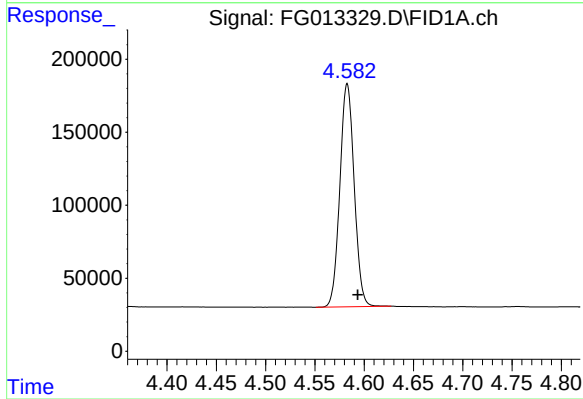
#1 N-OCTANE

R.T.: 2.068 min
Delta R.T.: 0.003 min
Response: 1292400
Conc: 10.59 ug/ml

Instrument :
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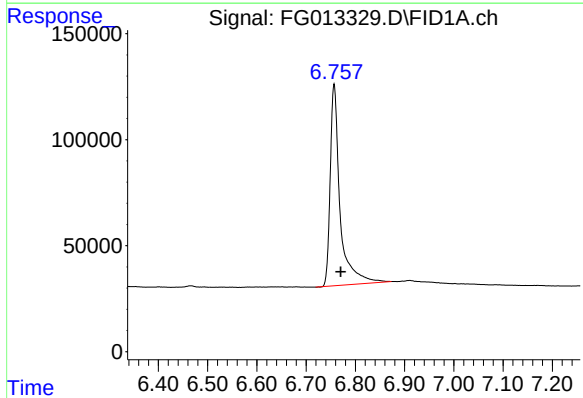
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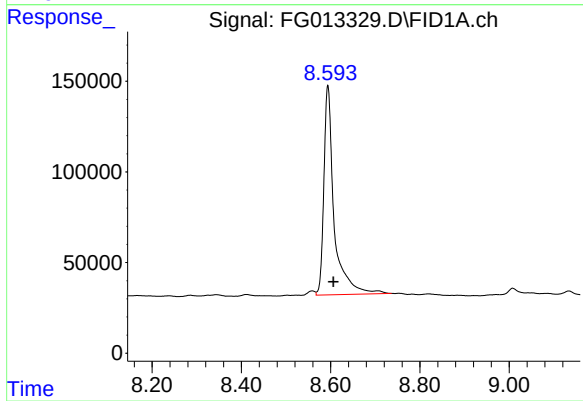
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: -0.011 min
Response: 1545074
Conc: 12.22 ug/ml



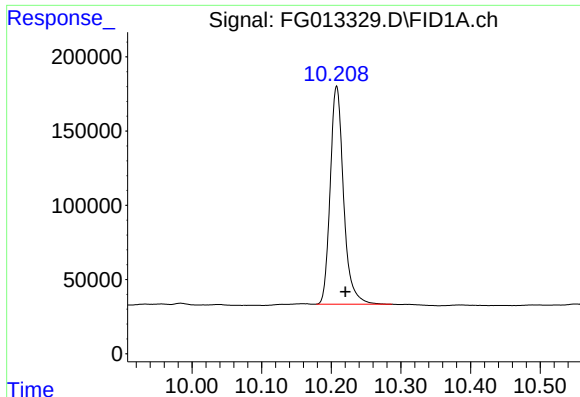
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: -0.013 min
Response: 1322314
Conc: 10.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 1835231
Conc: 15.20 ug/ml



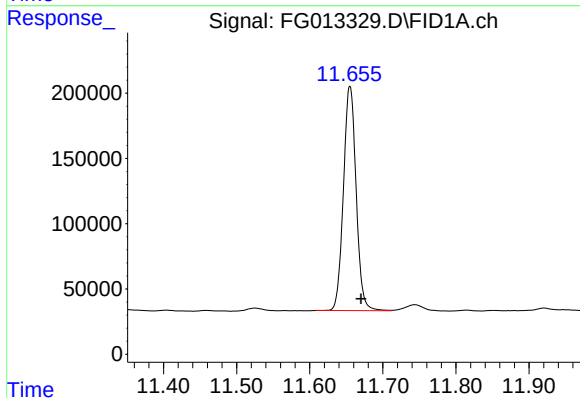
#5 N-HEXADECANE

R.T.: 10.208 min
Delta R.T.: -0.013 min
Response: 1957254
Conc: 16.10 ug/ml

Instrument :
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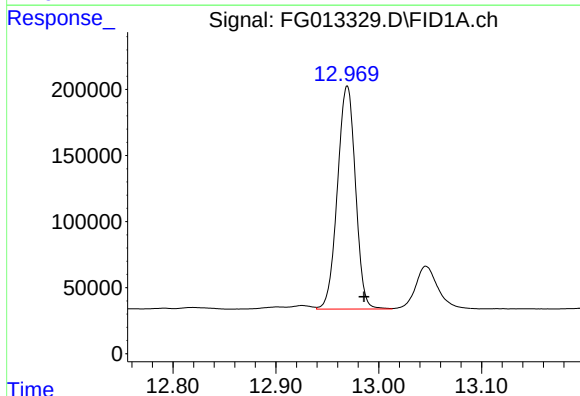
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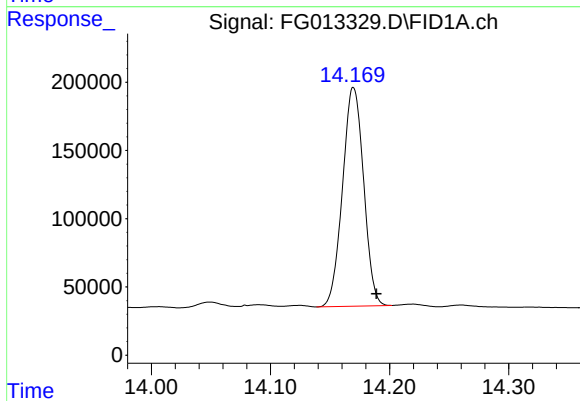
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: -0.015 min
Response: 2076967
Conc: 17.28 ug/ml



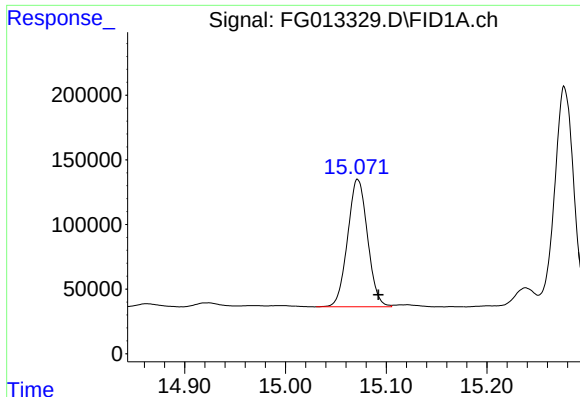
#7 N-EICOSANE

R.T.: 12.969 min
Delta R.T.: -0.016 min
Response: 2057091
Conc: 17.41 ug/ml



#8 N-DOCOSANE

R.T.: 14.170 min
Delta R.T.: -0.019 min
Response: 1973053
Conc: 17.39 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.071 min
Delta R.T.: -0.021 min
Response: 1356265
Conc: 12.63 ug/ml

Instrument :

FID_G

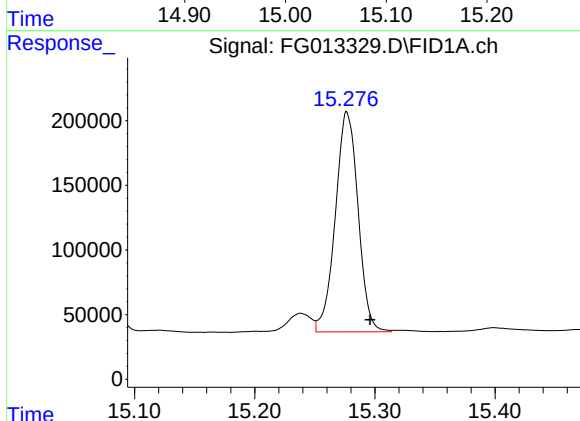
ClientSampleId :

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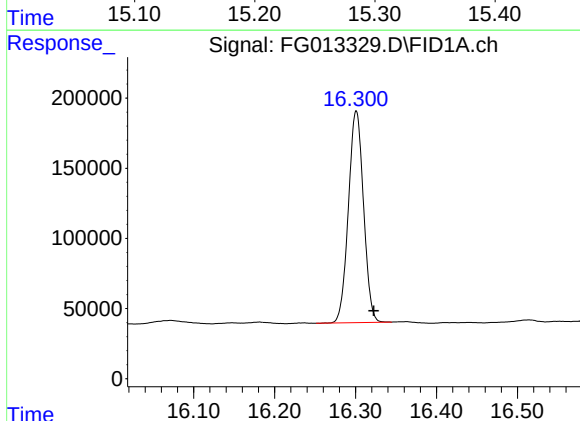
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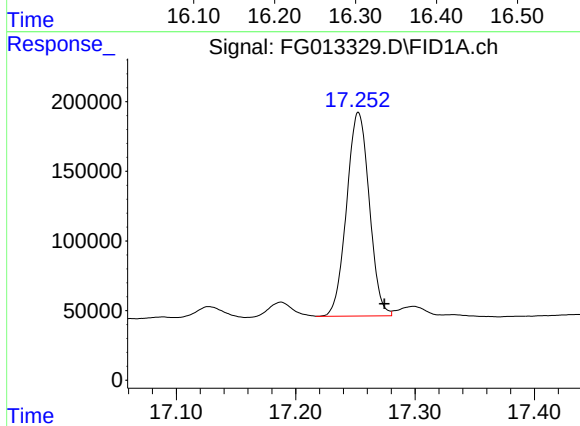
#10 N-TETRACOSANE

R.T.: 15.276 min
Delta R.T.: -0.020 min
Response: 2235414
Conc: 19.19 ug/ml m



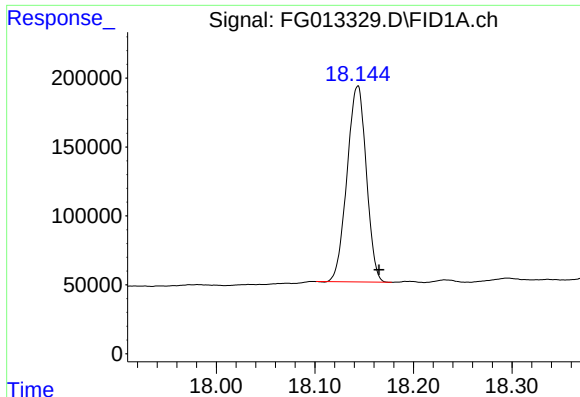
#11 N-HEXACOSANE

R.T.: 16.301 min
Delta R.T.: -0.022 min
Response: 1958796
Conc: 17.59 ug/ml



#12 N-OCTACOSANE

R.T.: 17.252 min
Delta R.T.: -0.022 min
Response: 1930283
Conc: 17.49 ug/ml m



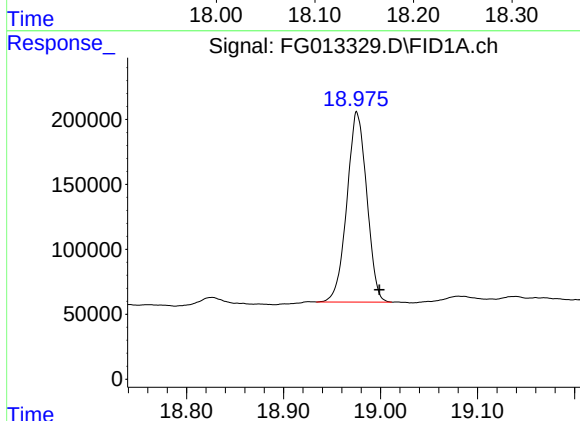
#13 N-TRIACONTANE

R.T.: 18.144 min
Delta R.T.: -0.021 min
Response: 1931177
Conc: 17.58 ug/ml

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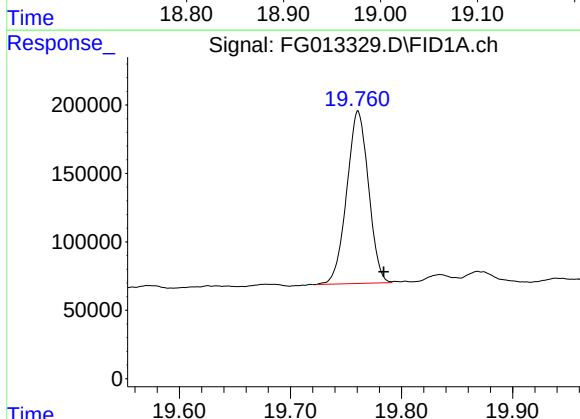
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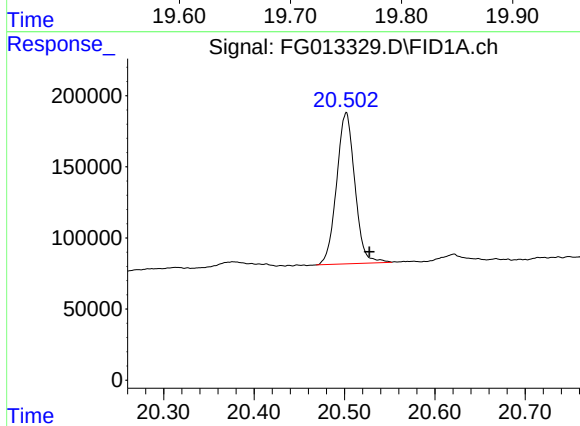
#14 N-DOTRIACONTANE

R.T.: 18.975 min
Delta R.T.: -0.024 min
Response: 2084611
Conc: 19.49 ug/ml m



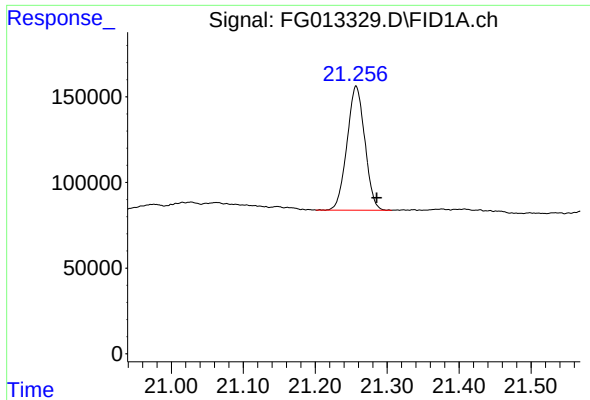
#15 N-TETRATRIACONTANE

R.T.: 19.760 min
Delta R.T.: -0.024 min
Response: 1716784
Conc: 18.28 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: -0.026 min
Response: 1490370
Conc: 19.22 ug/ml m



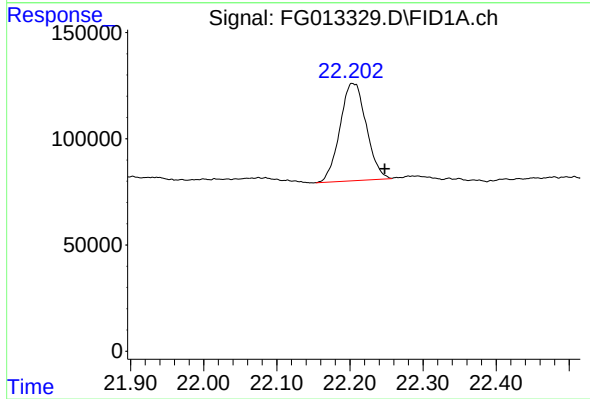
#17 N-OCTATRIACONTANE

R.T.: 21.257 min
Delta R.T.: -0.028 min
Response: 1246157
Conc: 18.03 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.202 min
Delta R.T.: -0.046 min
Response: 1147170
Conc: 15.83 ug/ml m