

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032525\
 Data File : FG015548.D
 Signal(s) : FID1A.ch
 Acq On : 25 Mar 2025 13:47
 Operator : YP\AJ
 Sample : Q1626-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

CO-32-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/26/2025

Supervised By :mohammad ahmed 03/27/2025

Integration File: autoint1.e
 Quant Time: Mar 26 01:40:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.037	2543424	23.360 ug/ml
Target Compounds			
1) N-OCTANE	1.989	1755967	15.974 ug/ml
2) N-DECANE	4.524	2458154	22.091 ug/ml
3) N-DODECANE	6.707	2223931	19.136 ug/ml
4) N-TETRADECANE	8.544	2280922	19.795 ug/ml
5) N-HEXADECANE	10.159	3051843	25.713 ug/ml
6) N-OCTADECANE	11.608	2598320	20.980 ug/ml
7) N-EICOSANE	12.928	3086307	25.408 ug/ml
8) N-DOCOSANE	14.131	3344644	27.935 ug/ml
10) N-TETRACOSANE	15.239	12054151	100.944 ug/ml
11) N-HEXACOSANE	16.269	3541388	30.178 ug/ml
12) N-OCTACOSANE	17.248	5024826	43.410 ug/mlm
13) N-TRIACONTANE	18.115	3601921	31.003 ug/ml
14) N-DOTRIACONTANE	18.929	6135832	53.183 ug/ml
15) N-TETRATRIACONTANE	19.737	1474390	13.729 ug/ml
16) N-HEXATRIACONTANE	20.477	1494073	15.585 ug/ml
17) N-OCTATRIACONTANE	21.222	1002333	11.231 ug/mlm
18) N-TETRACONTANE	22.173	1009430	12.305 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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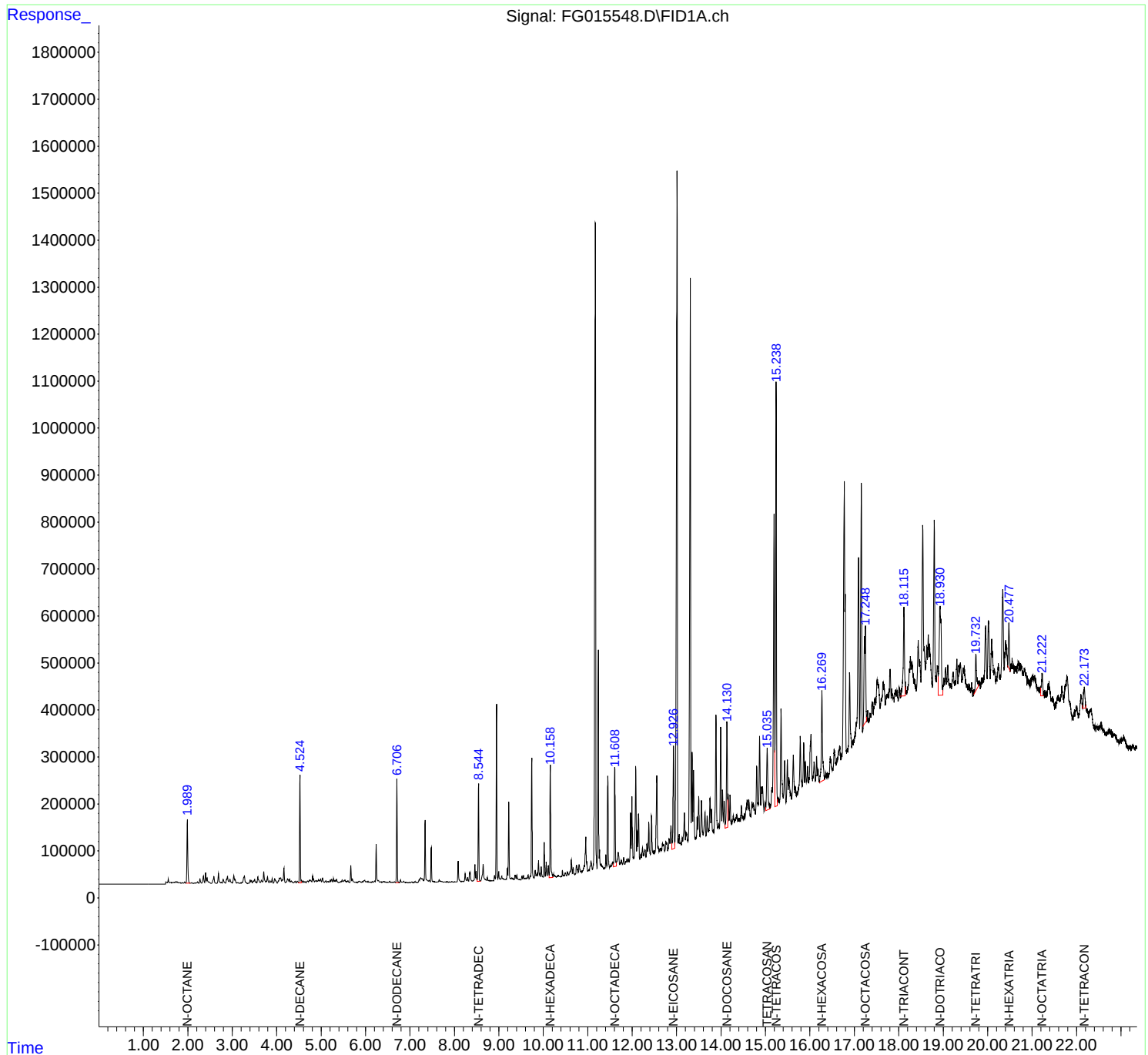
APPROVED

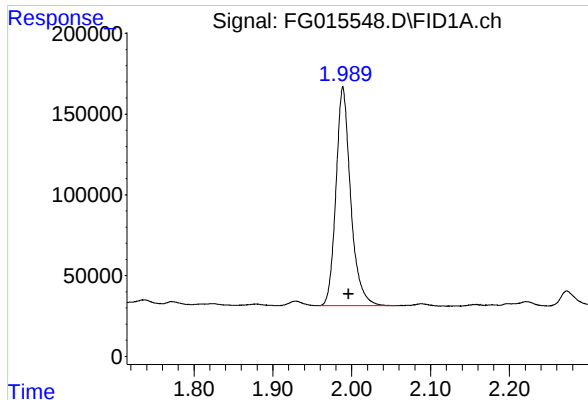
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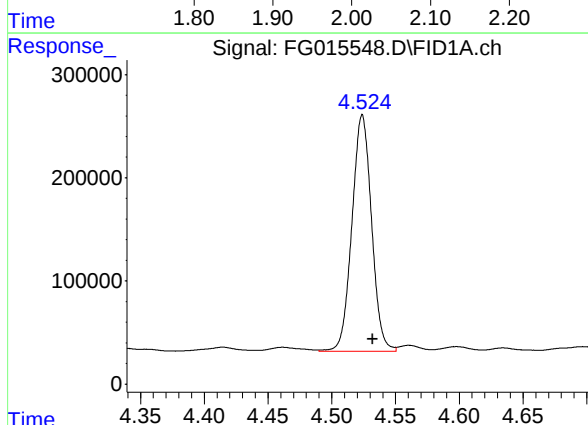
#1 N-OCTANE

R.T.: 1.989 min
Delta R.T.: -0.007 min
Response: 1755967
Conc: 15.97 ug/ml

Instrument :
FID_G
ClientSampleId :
CO-32-1MSD

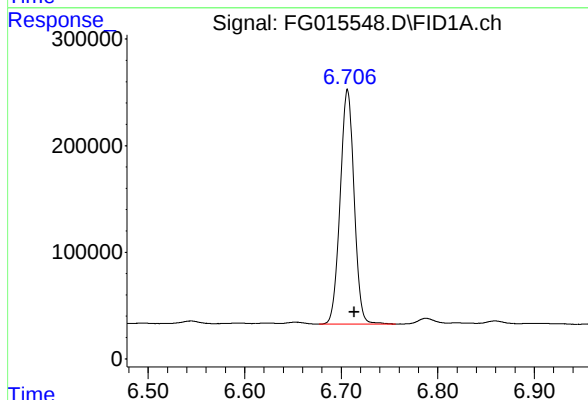
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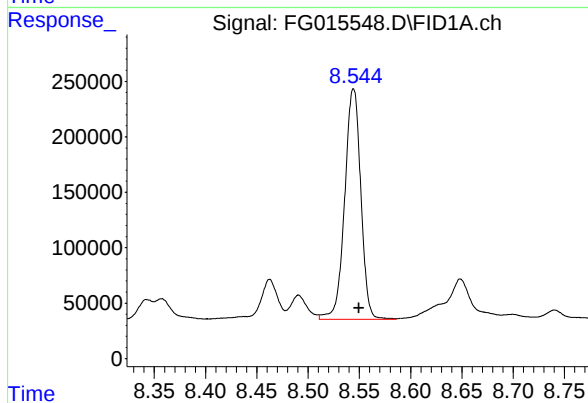
#2 N-DECANE

R.T.: 4.524 min
Delta R.T.: -0.008 min
Response: 2458154
Conc: 22.09 ug/ml



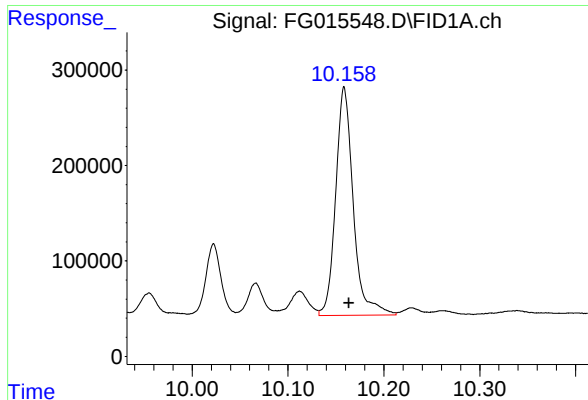
#3 N-DODECANE

R.T.: 6.707 min
Delta R.T.: -0.007 min
Response: 2223931
Conc: 19.14 ug/ml



#4 N-TETRADECANE

R.T.: 8.544 min
Delta R.T.: -0.005 min
Response: 2280922
Conc: 19.79 ug/ml



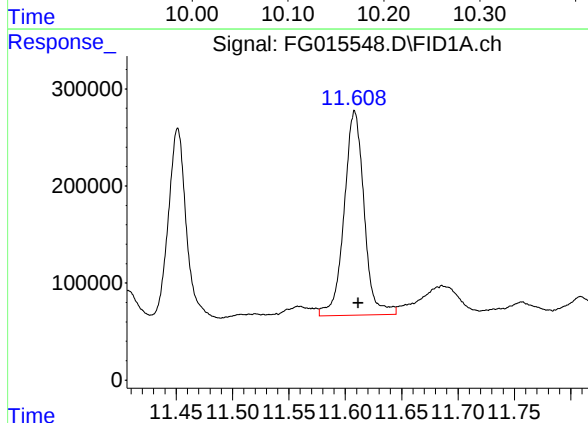
#5 N-HEXADECANE

R.T.: 10.159 min
Delta R.T.: -0.005 min
Response: 3051843
Conc: 25.71 ug/ml

Instrument :
FID_G
ClientSampleId :
CO-32-1MSD

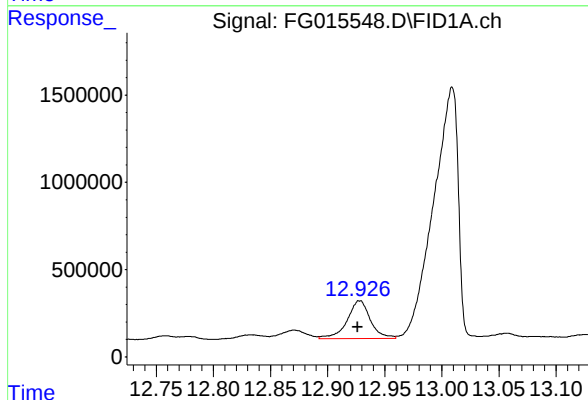
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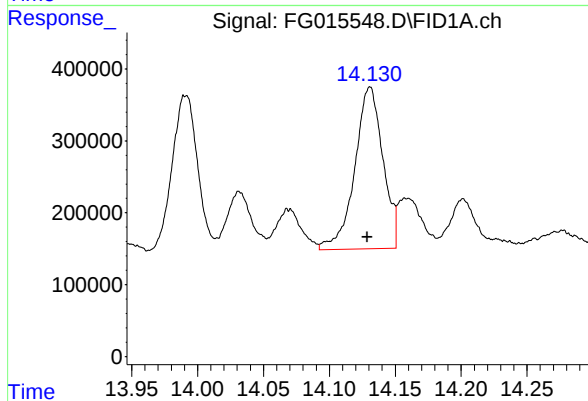
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: -0.003 min
Response: 2598320
Conc: 20.98 ug/ml



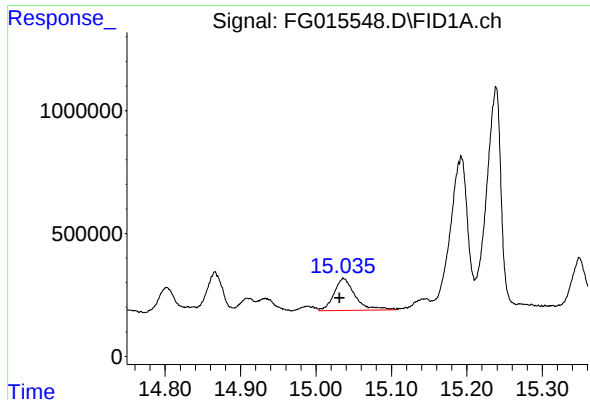
#7 N-EICOSANE

R.T.: 12.928 min
Delta R.T.: 0.002 min
Response: 3086307
Conc: 25.41 ug/ml



#8 N-DOCOSANE

R.T.: 14.131 min
Delta R.T.: 0.002 min
Response: 3344644
Conc: 27.93 ug/ml



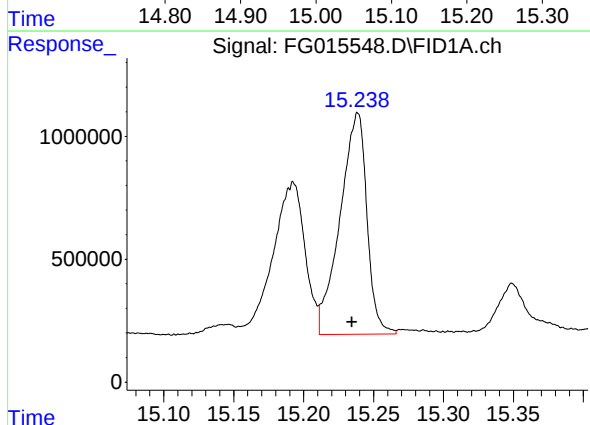
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.037 min
Delta R.T.: 0.005 min
Response: 2543424
Conc: 23.36 ug/ml

Instrument :
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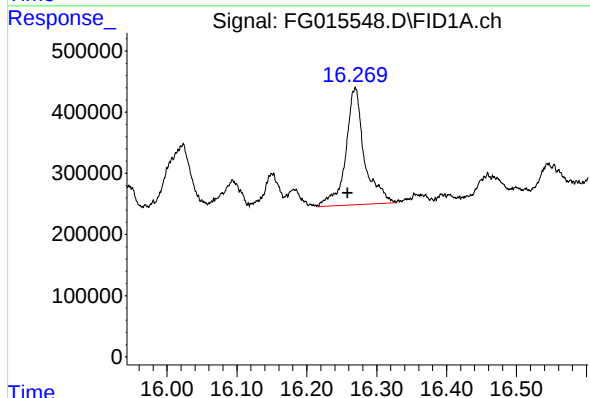
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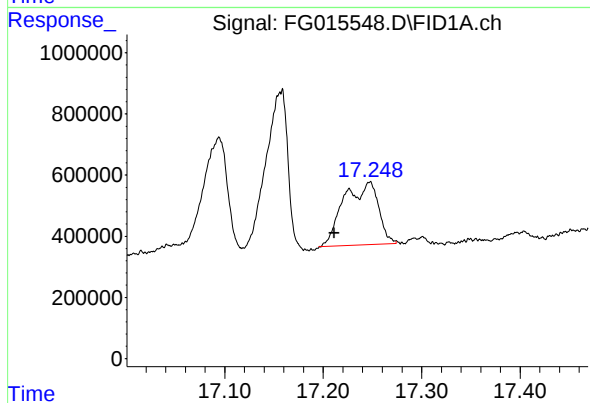
#10 N-TETRACOSANE

R.T.: 15.239 min
Delta R.T.: 0.004 min
Response: 12054151
Conc: 100.94 ug/ml



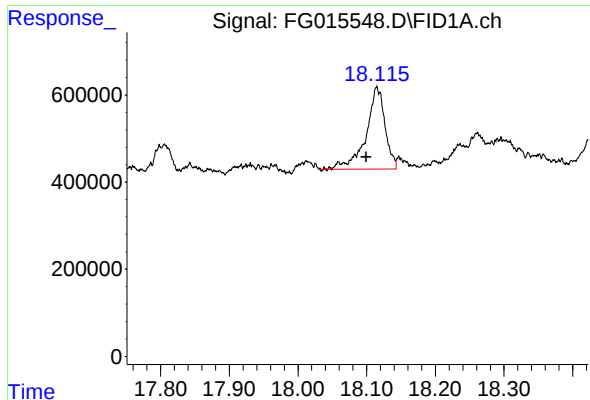
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: 0.011 min
Response: 3541388
Conc: 30.18 ug/ml



#12 N-OCTACOSANE

R.T.: 17.248 min
Delta R.T.: 0.037 min
Response: 5024826
Conc: 43.41 ug/ml m



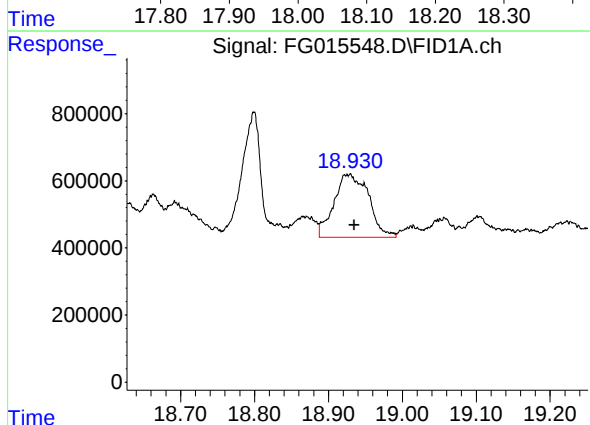
#13 N-TRIACONTANE

R.T.: 18.115 min
Delta R.T.: 0.015 min
Response: 3601921
Conc: 31.00 ug/ml

Instrument :
FID_G
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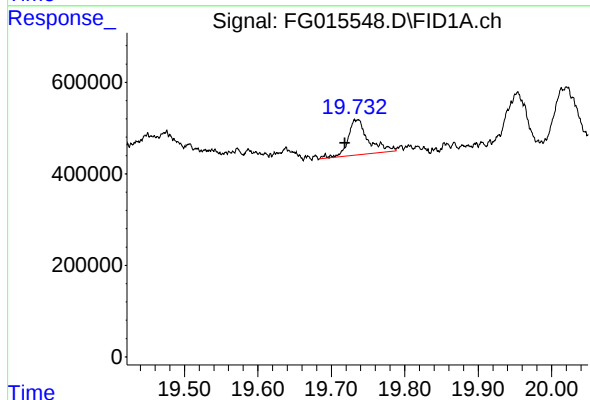
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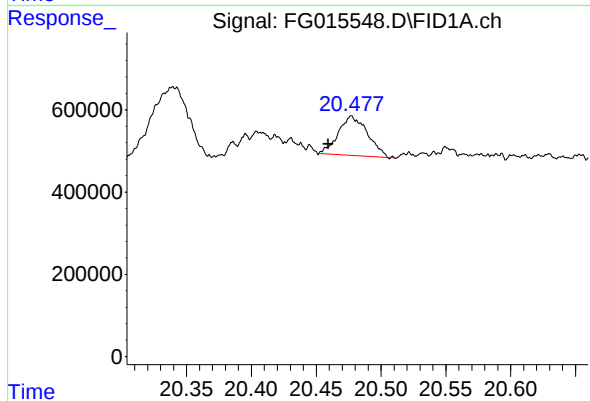
#14 N-DOTRIACONTANE

R.T.: 18.929 min
Delta R.T.: -0.006 min
Response: 6135832
Conc: 53.18 ug/ml



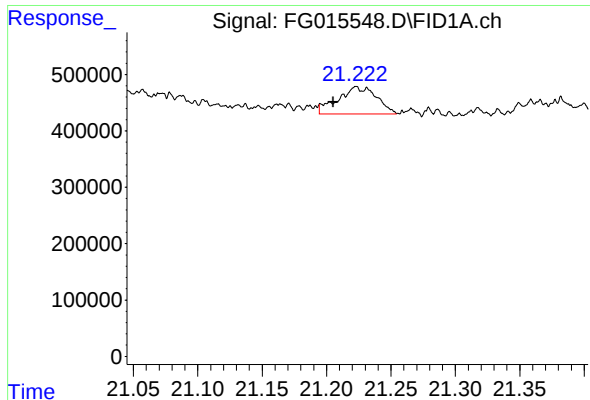
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: 0.018 min
Response: 1474390
Conc: 13.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.477 min
Delta R.T.: 0.018 min
Response: 1494073
Conc: 15.58 ug/ml



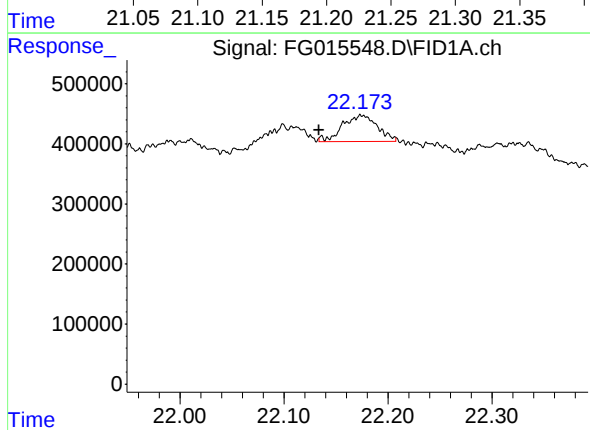
#17 N-OCTATRIACONTANE

R.T.: 21.222 min
Delta R.T.: 0.017 min
Response: 1002333
Conc: 11.23 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.173 min
Delta R.T.: 0.039 min
Response: 1009430
Conc: 12.30 ug/ml m