

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081823\
 Data File : FG012721.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 14:27
 Operator : YP\AJ
 Sample : PB154903BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB154903BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
 Quant Time: Aug 18 23:40:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.083	2389698	21.362 ug/ml
Target Compounds			
1) N-OCTANE	2.081	2128986	17.292 ug/ml
2) N-DECANE	4.599	2594851	20.426 ug/ml
3) N-DODECANE	6.772	2683296	20.890 ug/ml
4) N-TETRADECANE	8.604	2712094	21.053 ug/ml
5) N-HEXADECANE	10.218	2781778	21.443 ug/ml
6) N-OCTADECANE	11.666	2820435	21.504 ug/ml
7) N-EICOSANE	12.980	2794711	21.729 ug/ml
8) N-DOCOSANE	14.181	2720276	21.509 ug/ml
10) N-TETRACOSANE	15.288	2720255	21.510 ug/ml
11) N-HEXACOSANE	16.310	2657056	21.226 ug/ml
12) N-OCTACOSANE	17.263	2623736	21.348 ug/ml
13) N-TRIACONTANE	18.153	2618165	22.107 ug/ml
14) N-DOTRIACONTANE	18.985	2542580	22.640 ug/ml
15) N-TETRATRIACONTANE	19.770	2259296	23.852 ug/ml
16) N-HEXATRIACONTANE	20.509	1862476	22.951 ug/mlm
17) N-OCTATRIACONTANE	21.268	1625523	22.510 ug/ml
18) N-TETRACONTANE	22.217	1548722	22.227 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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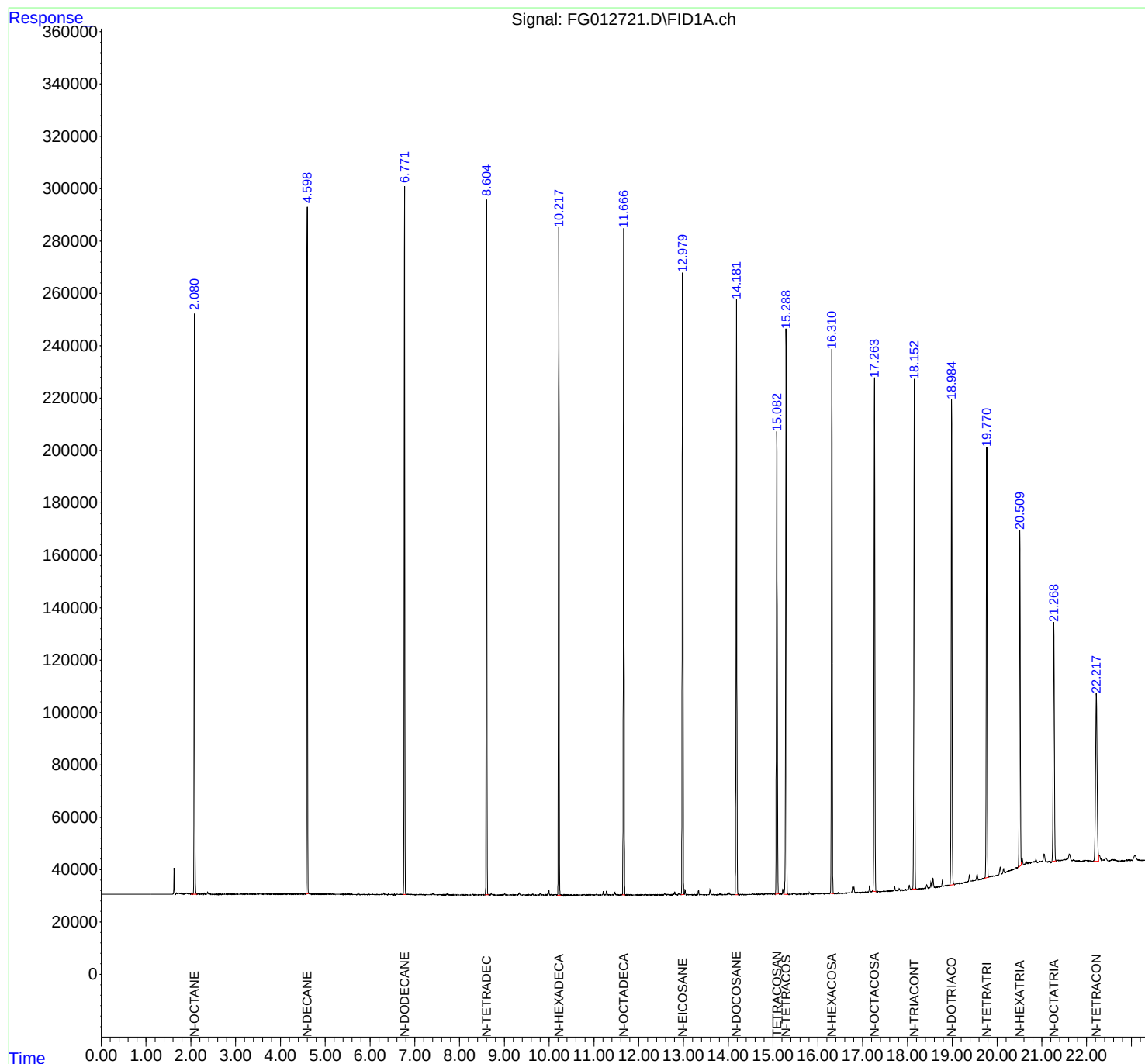
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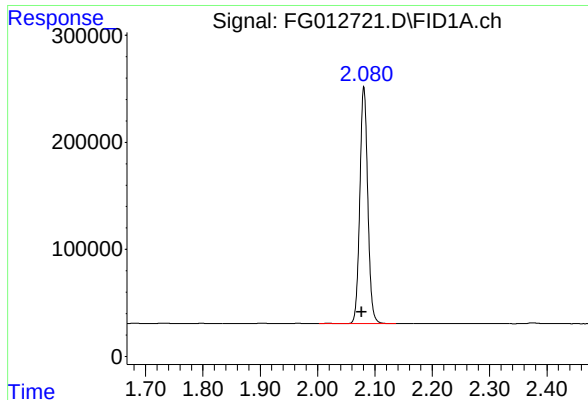
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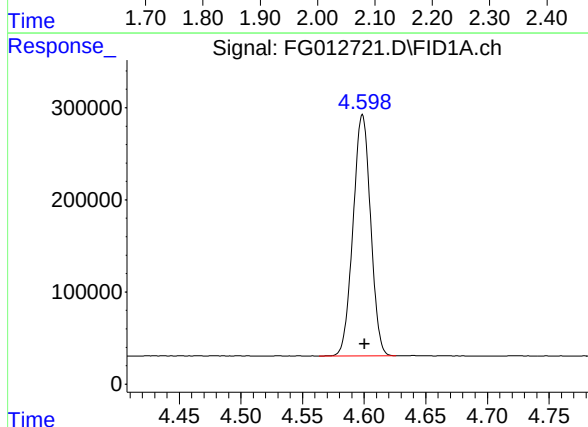
#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: 0.004 min
Response: 2128986
Conc: 17.29 ug/ml

Instrument :
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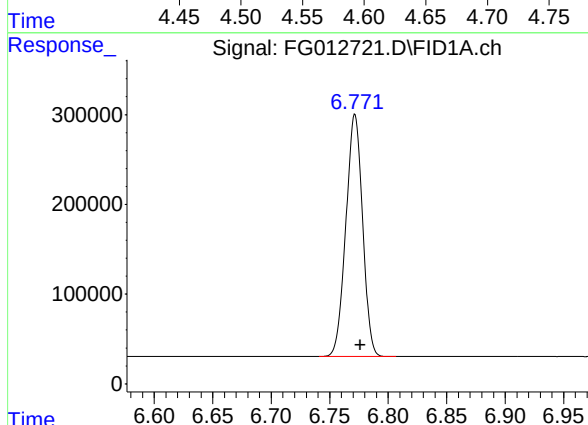
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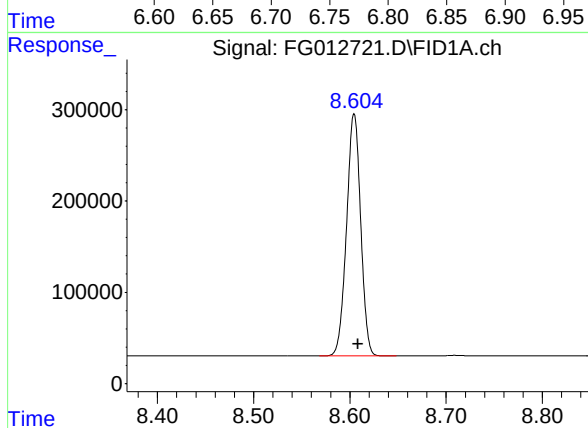
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 2594851
Conc: 20.43 ug/ml



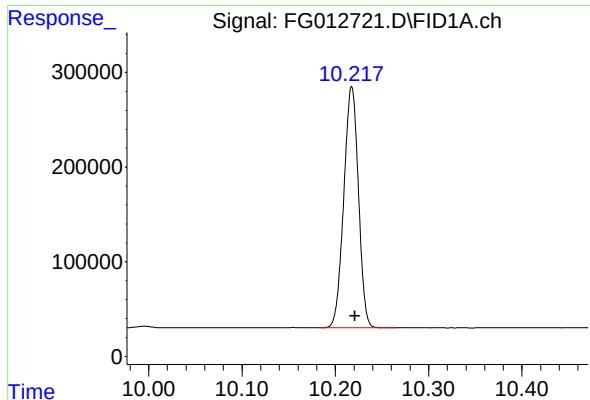
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: -0.005 min
Response: 2683296
Conc: 20.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.004 min
Response: 2712094
Conc: 21.05 ug/ml



#5 N-HEXADECANE

R.T.: 10.218 min
Delta R.T.: -0.003 min
Response: 2781778
Conc: 21.44 ug/ml

Instrument :

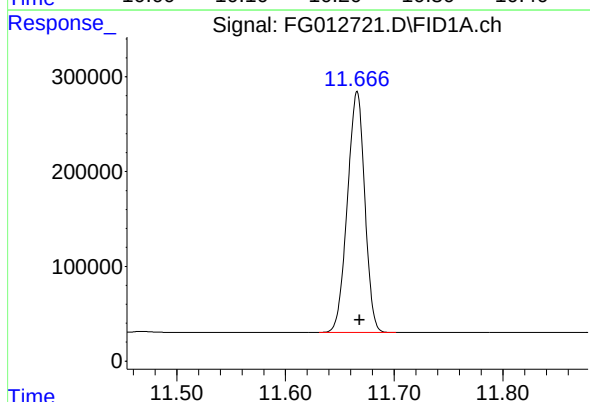
FID_G

ClientSampleId :

PB154903BS

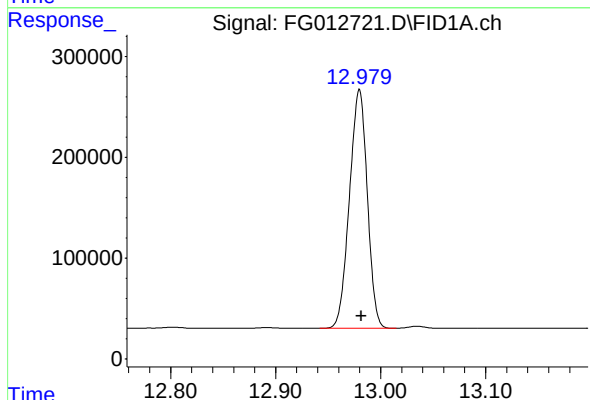
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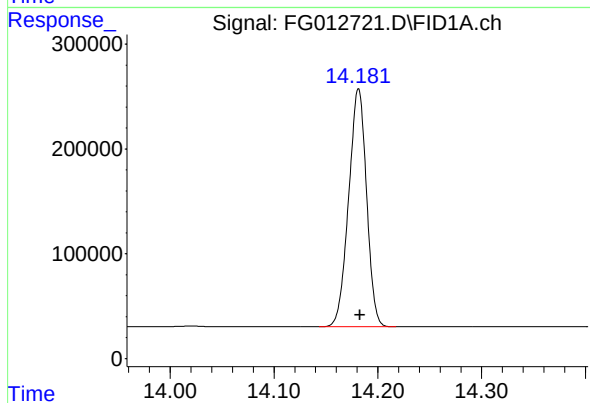
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: -0.002 min
Response: 2820435
Conc: 21.50 ug/ml



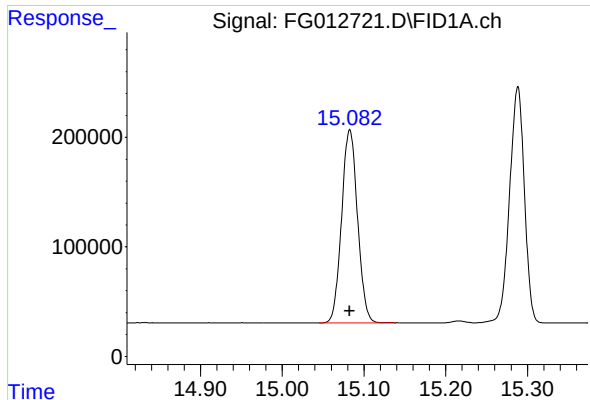
#7 N-EICOSANE

R.T.: 12.980 min
Delta R.T.: -0.002 min
Response: 2794711
Conc: 21.73 ug/ml



#8 N-DOCOSANE

R.T.: 14.181 min
Delta R.T.: -0.002 min
Response: 2720276
Conc: 21.51 ug/ml



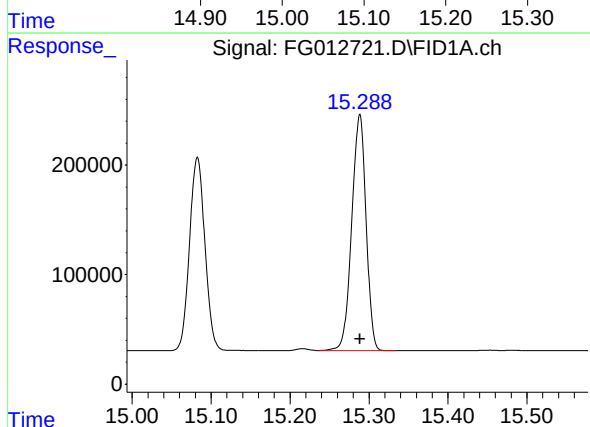
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.083 min
Delta R.T.: 0.000 min
Response: 2389698
Conc: 21.36 ug/ml

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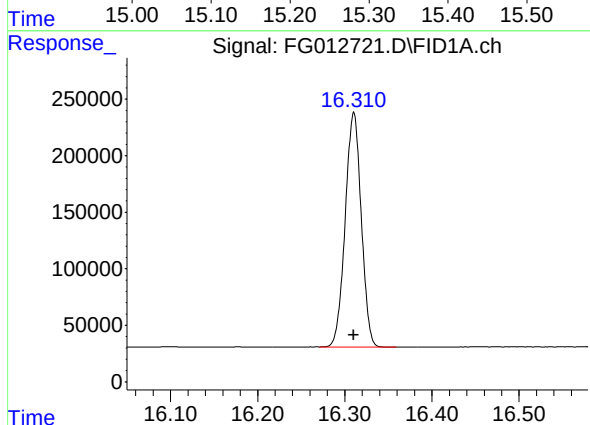
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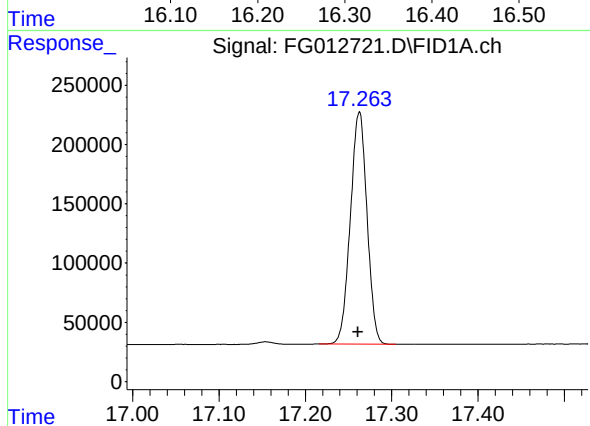
#10 N-TETRACOSANE

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 2720255
Conc: 21.51 ug/ml



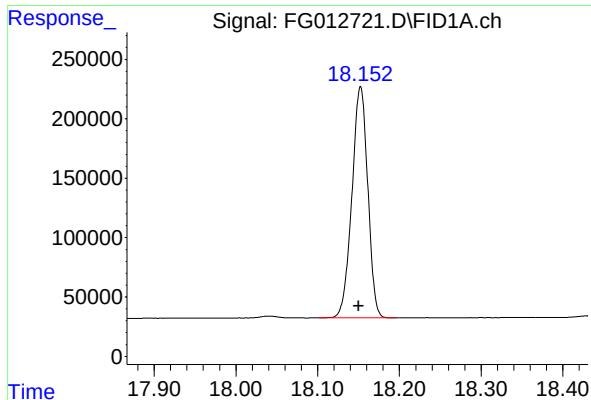
#11 N-HEXACOSANE

R.T.: 16.310 min
Delta R.T.: 0.000 min
Response: 2657056
Conc: 21.23 ug/ml



#12 N-OCTACOSANE

R.T.: 17.263 min
Delta R.T.: 0.002 min
Response: 2623736
Conc: 21.35 ug/ml



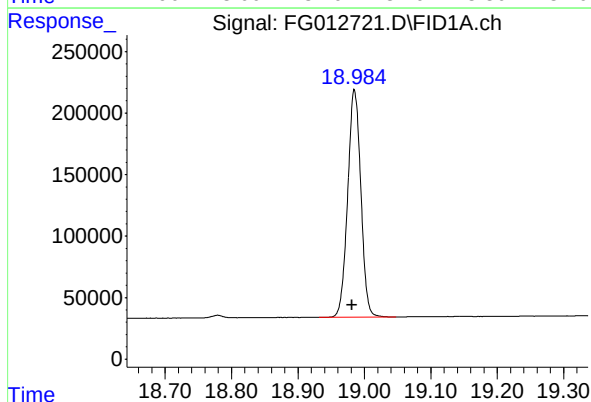
#13 N-TRIACONTANE

R.T.: 18.153 min
Delta R.T.: 0.002 min
Response: 2618165
Conc: 22.11 ug/ml

Instrument :
FID_G
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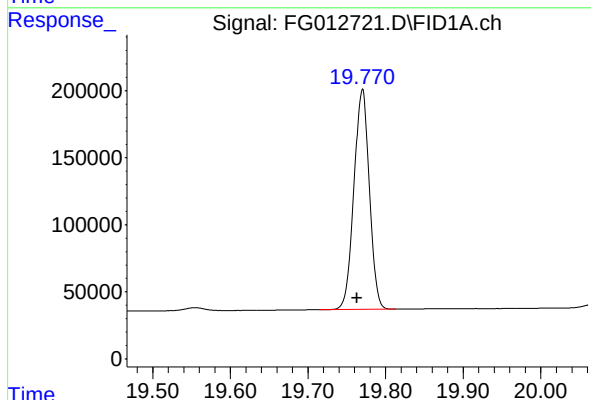
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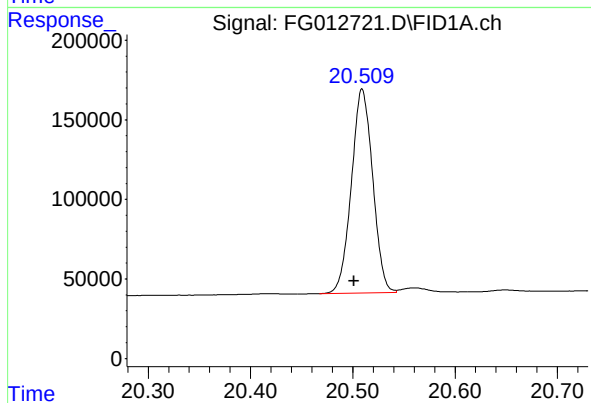
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: 0.003 min
Response: 2542580
Conc: 22.64 ug/ml



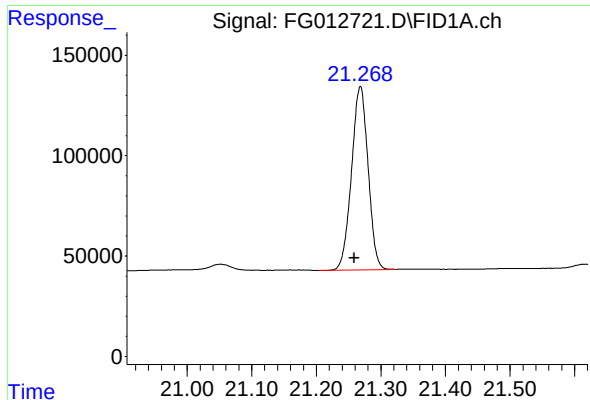
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.007 min
Response: 2259296
Conc: 23.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min
Delta R.T.: 0.008 min
Response: 1862476
Conc: 22.95 ug/ml m



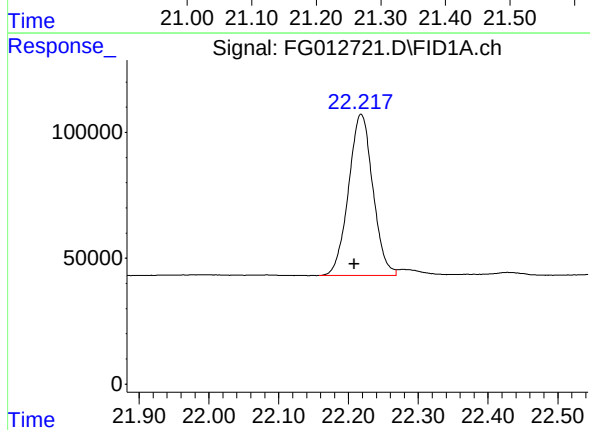
#17 N-OCTATRIACONTANE

R.T.: 21.268 min
Delta R.T.: 0.010 min
Response: 1625523
Conc: 22.51 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.217 min
Delta R.T.: 0.009 min
Response: 1548722
Conc: 22.23 ug/ml m