

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110823\
 Data File : FG013170.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 15:35
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e
 Quant Time: Nov 08 23:11:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 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...	15.090	5134206	49.011 ug/ml
Target Compounds			
1) N-OCTANE	2.072	4687666	41.221 ug/ml
2) N-DECANE	4.595	5228046	45.472 ug/ml
3) N-DODECANE	6.772	5349394	46.312 ug/ml
4) N-TETRADECANE	8.607	5401950	47.375 ug/ml
5) N-HEXADECANE	10.221	5581851	48.071 ug/ml
6) N-OCTADECANE	11.670	5624677	48.440 ug/ml
7) N-EICOSANE	12.984	5612558	48.759 ug/ml
8) N-DOCOSANE	14.187	5436120	49.128 ug/ml
10) N-TETRACOSANE	15.295	5590638	50.883 ug/ml
11) N-HEXACOSANE	16.318	5338359	49.606 ug/ml
12) N-OCTACOSANE	17.271	5330931	49.997 ug/ml
13) N-TRIACONTANE	18.161	5420978	50.615 ug/mlm
14) N-DOTRIACONTANE	18.995	5348025	51.094 ug/ml
15) N-TETRATRIACONTANE	19.779	4627607	50.842 ug/ml
16) N-HEXATRIACONTANE	20.519	3743935	50.903 ug/ml
17) N-OCTATRIACONTANE	21.278	3386408	47.846 ug/mlm
18) N-TETRACONTANE	22.231	3389805	46.764 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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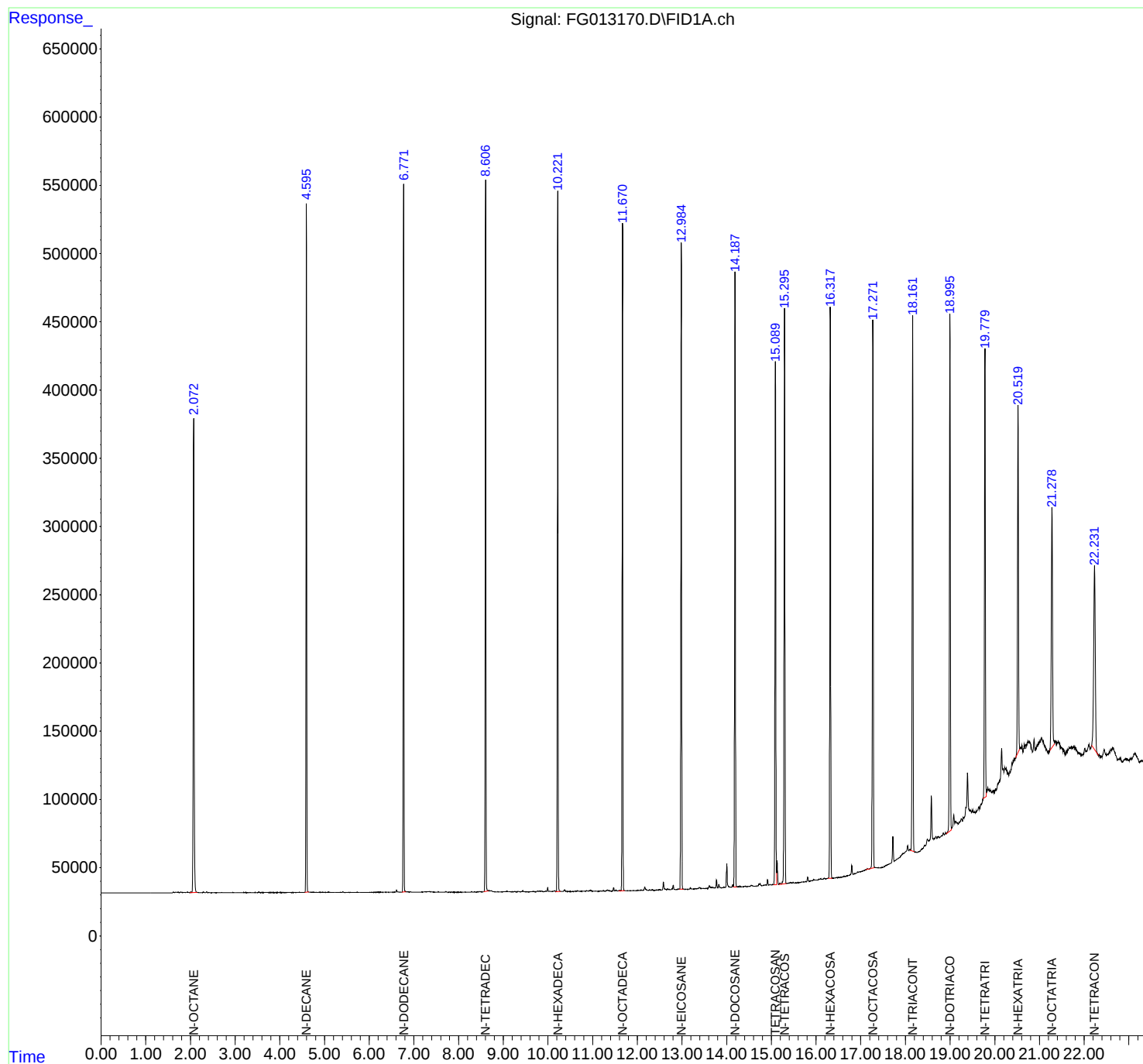
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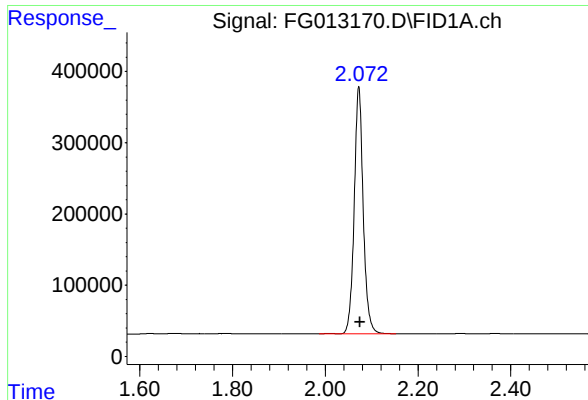
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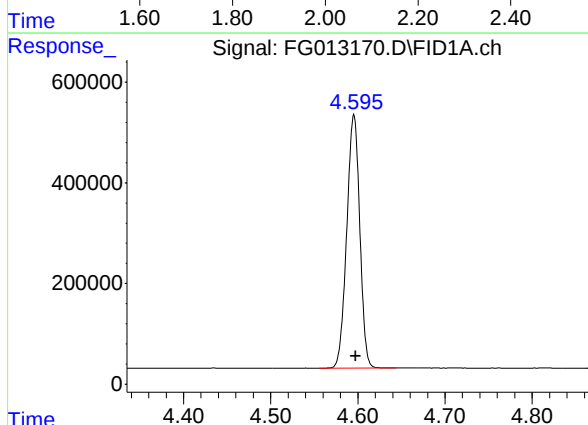
#1 N-OCTANE

R.T.: 2.072 min
Delta R.T.: -0.003 min
Response: 4687666
Conc: 41.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

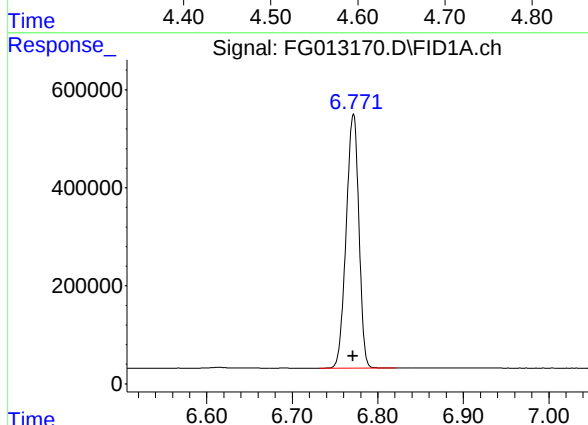
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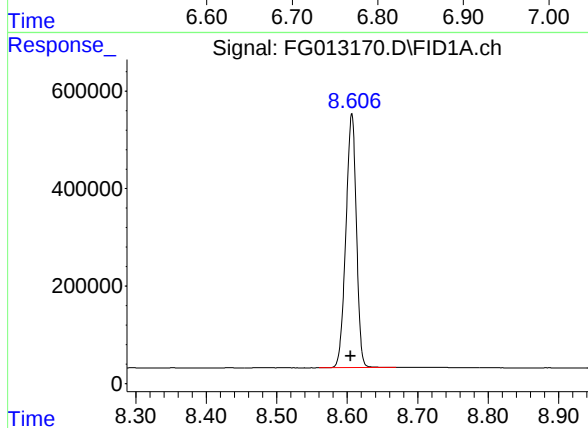
#2 N-DECANE

R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 5228046
Conc: 45.47 ug/ml



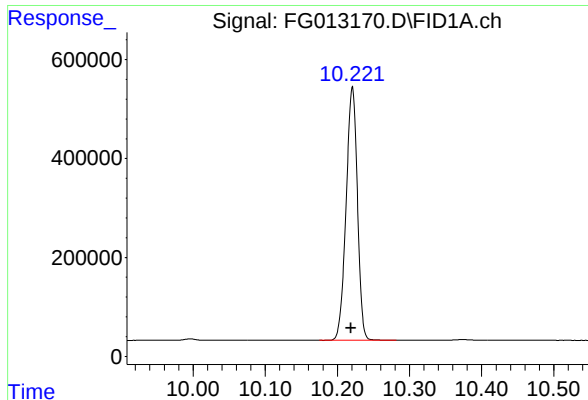
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 5349394
Conc: 46.31 ug/ml



#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: 0.002 min
Response: 5401950
Conc: 47.38 ug/ml



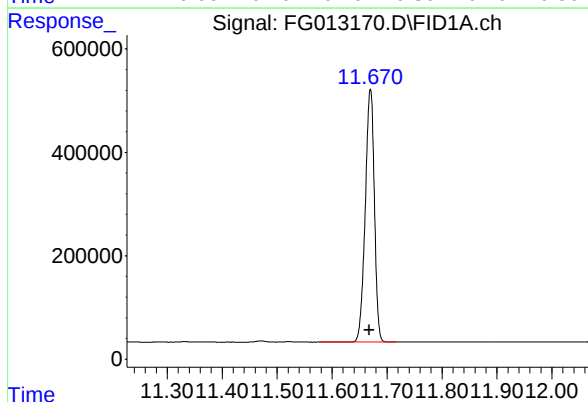
#5 N-HEXADECANE

R.T.: 10.221 min
Delta R.T.: 0.002 min
Response: 5581851
Conc: 48.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

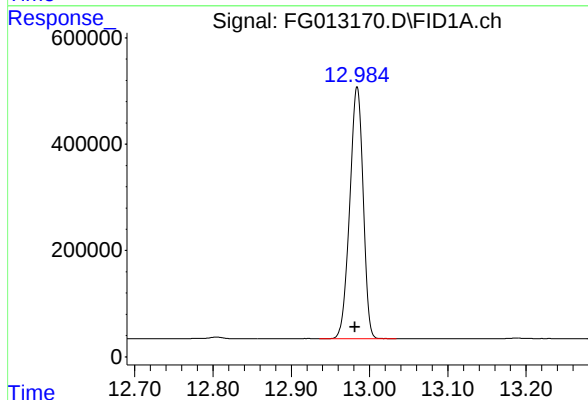
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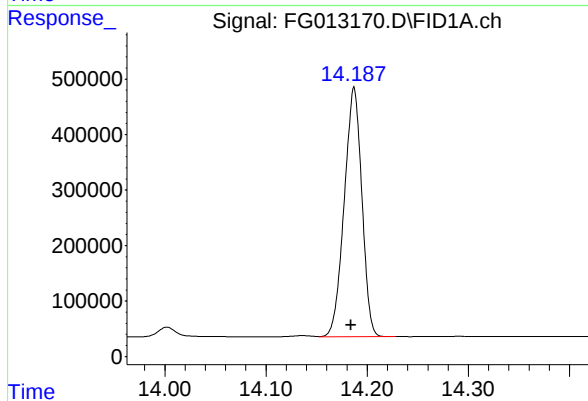
#6 N-OCTADECANE

R.T.: 11.670 min
Delta R.T.: 0.002 min
Response: 5624677
Conc: 48.44 ug/ml



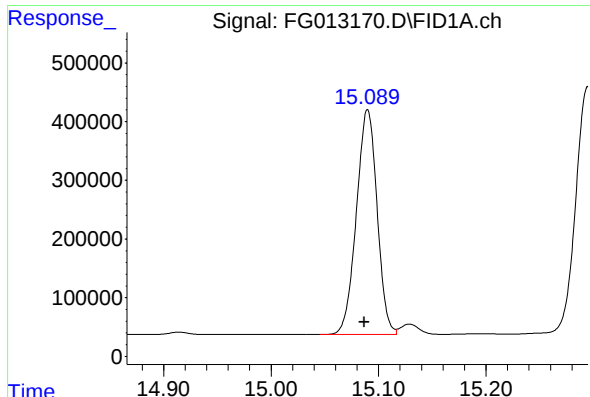
#7 N-EICOSANE

R.T.: 12.984 min
Delta R.T.: 0.003 min
Response: 5612558
Conc: 48.76 ug/ml



#8 N-DOCOSANE

R.T.: 14.187 min
Delta R.T.: 0.003 min
Response: 5436120
Conc: 49.13 ug/ml



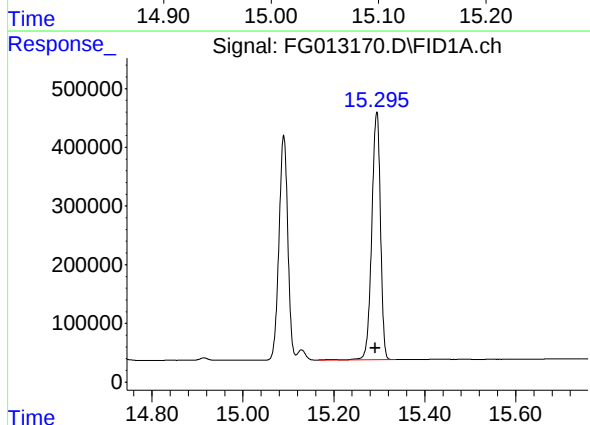
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.090 min
Delta R.T.: 0.003 min
Response: 5134206
Conc: 49.01 ug/ml

Instrument :
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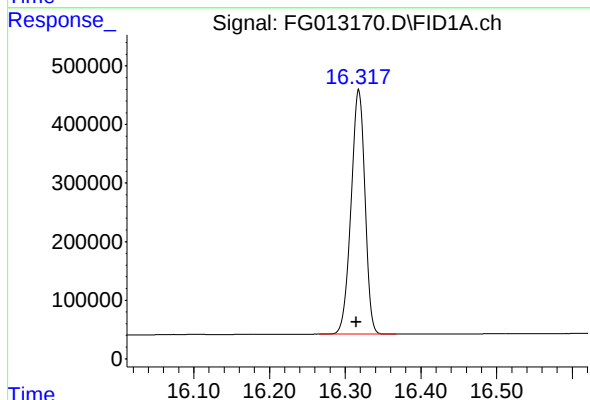
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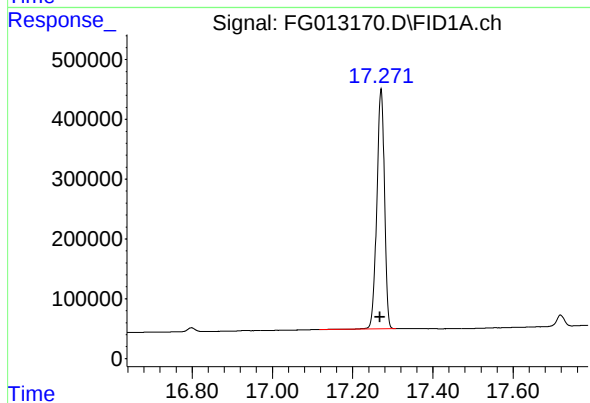
#10 N-TETRACOSANE

R.T.: 15.295 min
Delta R.T.: 0.003 min
Response: 5590638
Conc: 50.88 ug/ml



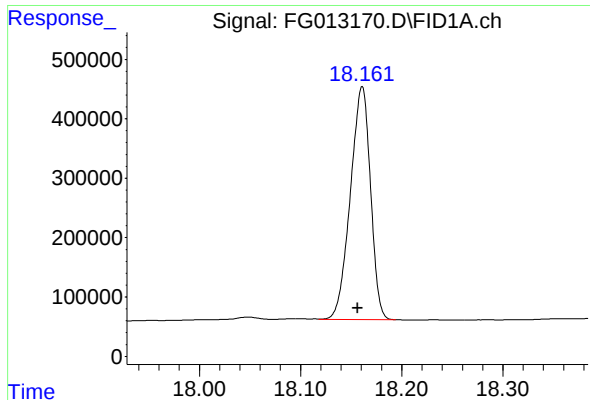
#11 N-HEXACOSANE

R.T.: 16.318 min
Delta R.T.: 0.003 min
Response: 5338359
Conc: 49.61 ug/ml



#12 N-OCTACOSANE

R.T.: 17.271 min
Delta R.T.: 0.003 min
Response: 5330931
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

R.T.: 18.161 min
Delta R.T.: 0.004 min
Response: 5420978
Conc: 50.62 ug/ml

Instrument :

FID_G

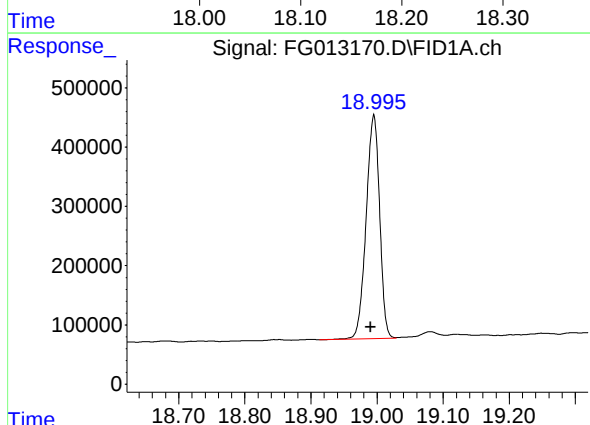
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

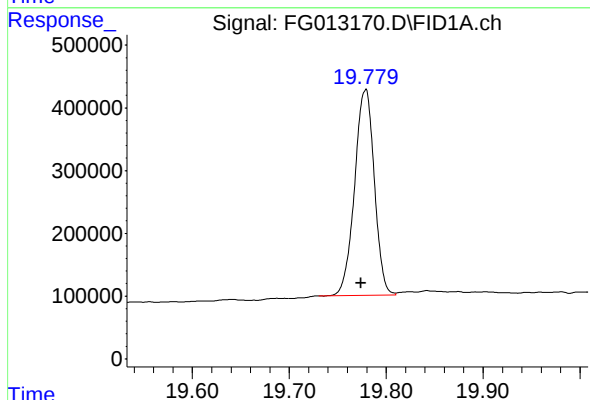
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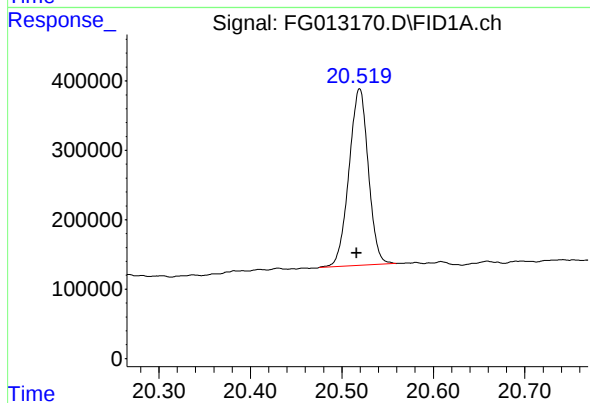
#14 N-DOTRIACONTANE

R.T.: 18.995 min
Delta R.T.: 0.005 min
Response: 5348025
Conc: 51.09 ug/ml



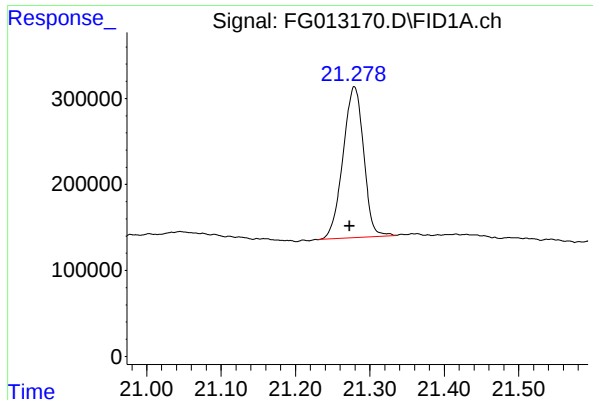
#15 N-TETRATRIACONTANE

R.T.: 19.779 min
Delta R.T.: 0.005 min
Response: 4627607
Conc: 50.84 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.519 min
Delta R.T.: 0.003 min
Response: 3743935
Conc: 50.90 ug/ml



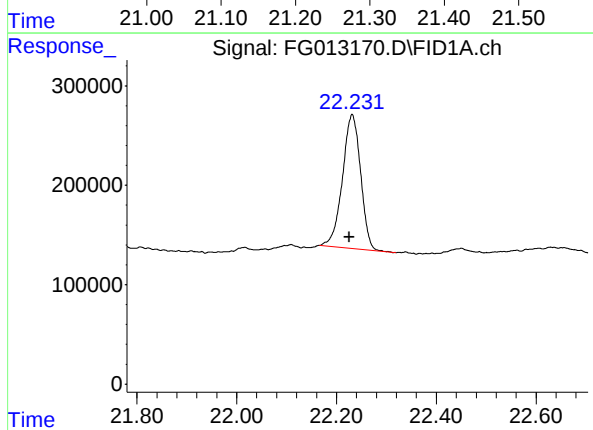
#17 N-OCTATRIACONTANE

R.T.: 21.278 min
Delta R.T.: 0.005 min
Response: 3386408
Conc: 47.85 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.231 min
Delta R.T.: 0.006 min
Response: 3389805
Conc: 46.76 ug/ml