

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083023\
 Data File : FG012828.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2023 15:48
 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 08/31/2023
 Supervised By :Ankita Jodhani 08/31/2023

Integration File: autoint1.e
 Quant Time: Aug 31 00:50:56 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...	15.082	5624115	50.276 ug/mlm
Target Compounds			
1) N-OCTANE	2.078	6557863	53.264 ug/ml
2) N-DECANE	4.599	6886436	54.208 ug/ml
3) N-DODECANE	6.773	6906946	53.773 ug/ml
4) N-TETRADECANE	8.606	6858643	53.242 ug/ml
5) N-HEXADECANE	10.218	6837099	52.702 ug/ml
6) N-OCTADECANE	11.666	6836154	52.121 ug/ml
7) N-EICOSANE	12.980	6636135	51.596 ug/ml
8) N-DOCOSANE	14.181	6428989	50.832 ug/ml
10) N-TETRACOSANE	15.287	6322983	49.997 ug/ml
11) N-HEXACOSANE	16.311	6154727	49.168 ug/ml
12) N-OCTACOSANE	17.261	6009936	48.900 ug/ml
13) N-TRIACONTANE	18.150	5810305	49.060 ug/ml
14) N-DOTRIACONTANE	18.983	5305129	47.240 ug/ml
15) N-TETRATRIACONTANE	19.767	4491622	47.418 ug/ml
16) N-HEXATRIACONTANE	20.508	3858871	47.553 ug/ml
17) N-OCTATRIACONTANE	21.263	3582650	49.611 ug/ml
18) N-TETRACONTANE	22.211	3596354	51.614 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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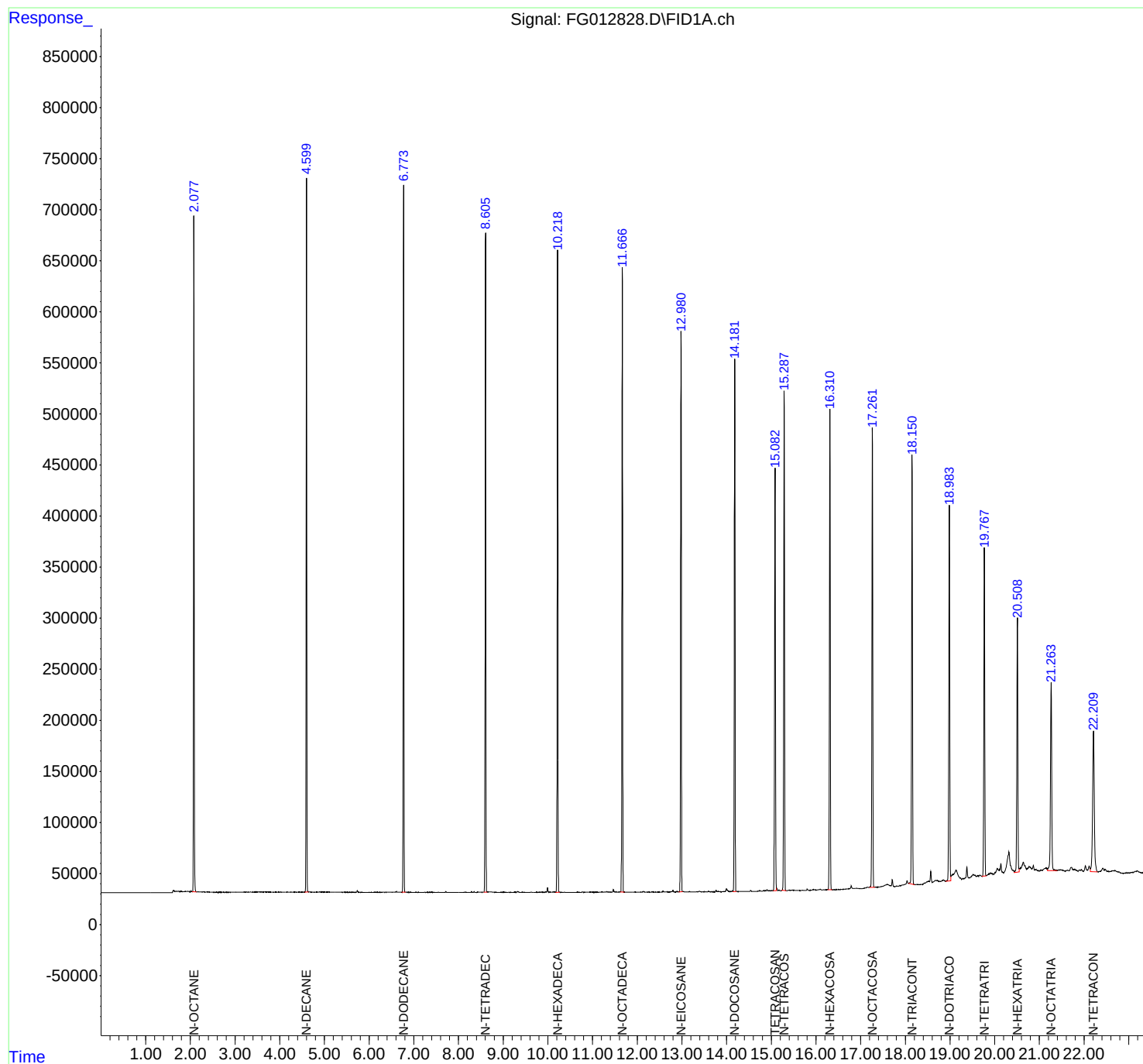
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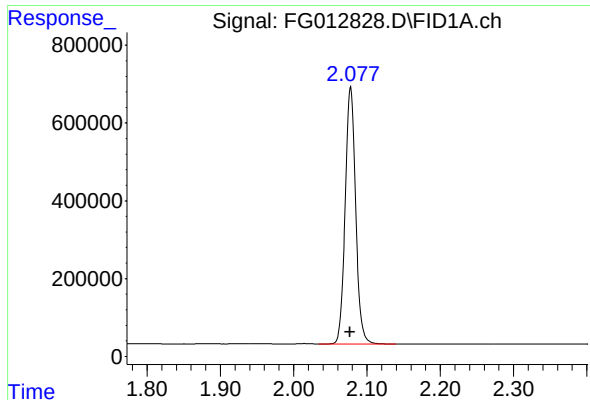
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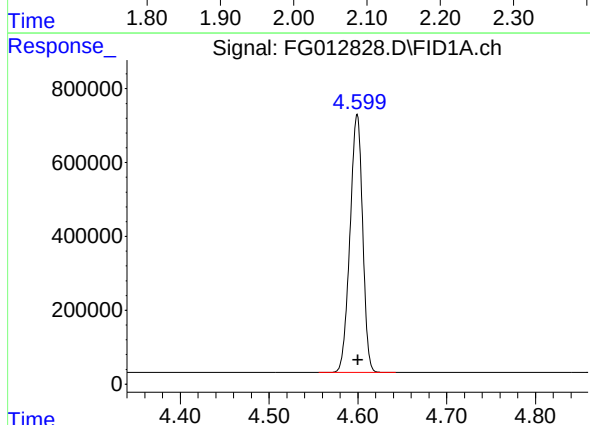
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.000 min
Response: 6557863
Conc: 53.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

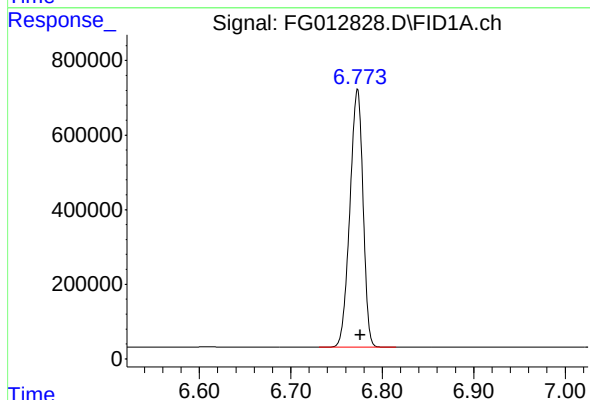
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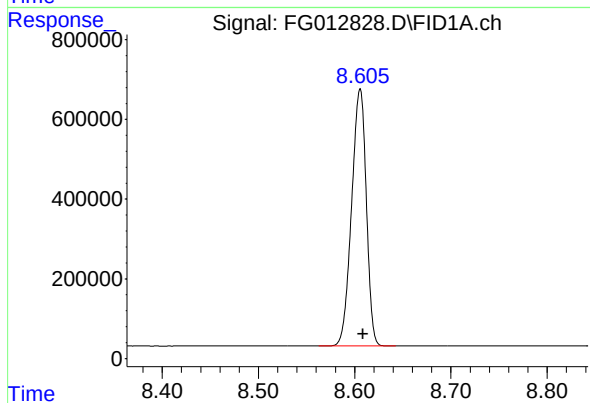
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.001 min
Response: 6886436
Conc: 54.21 ug/ml



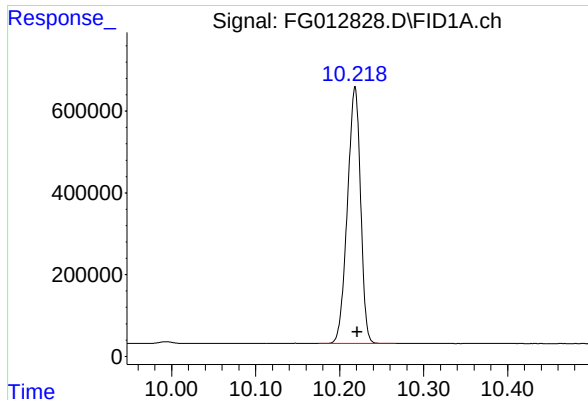
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 6906946
Conc: 53.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 6858643
Conc: 53.24 ug/ml



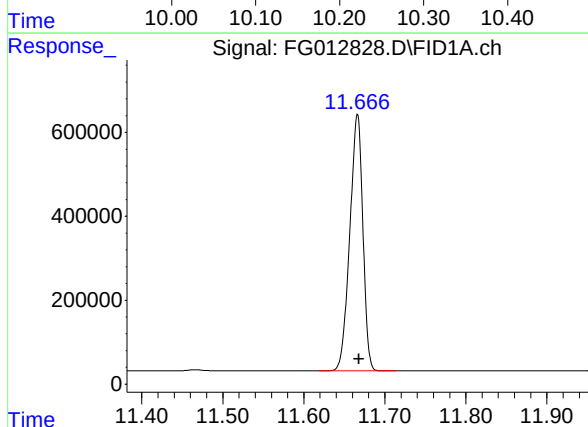
#5 N-HEXADECANE

R.T.: 10.218 min
Delta R.T.: -0.003 min
Response: 6837099
Conc: 52.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

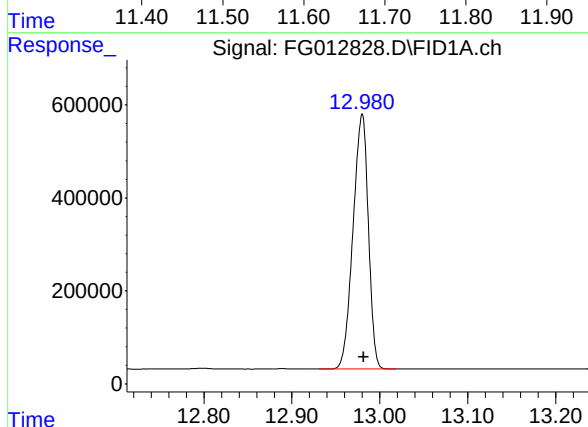
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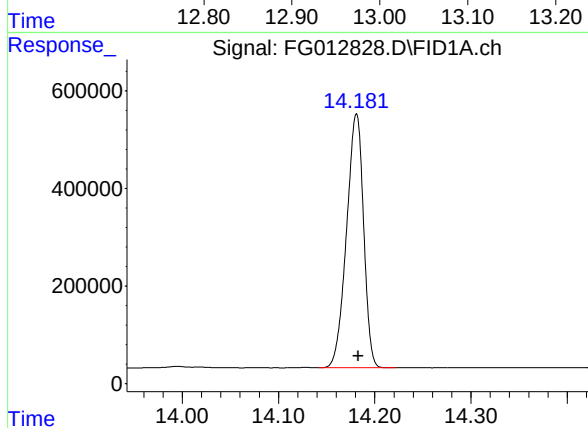
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: -0.002 min
Response: 6836154
Conc: 52.12 ug/ml



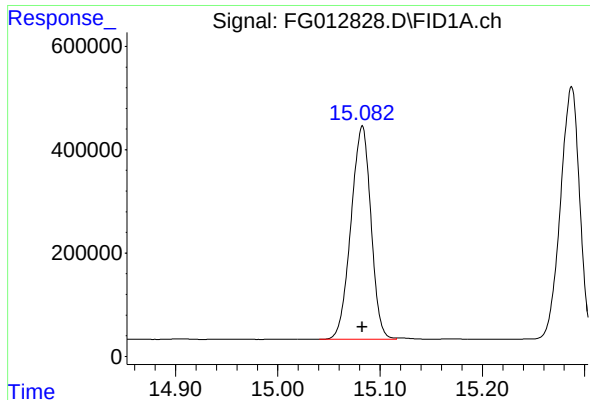
#7 N-EICOSANE

R.T.: 12.980 min
Delta R.T.: -0.002 min
Response: 6636135
Conc: 51.60 ug/ml



#8 N-DOCOSANE

R.T.: 14.181 min
Delta R.T.: -0.002 min
Response: 6428989
Conc: 50.83 ug/ml



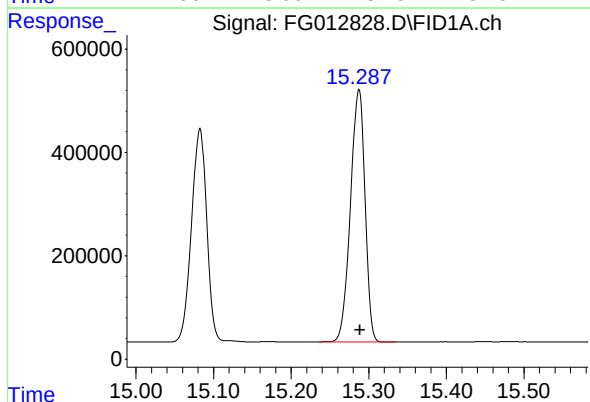
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.082 min
Delta R.T.: 0.000 min
Response: 5624115
Conc: 50.28 ug/ml

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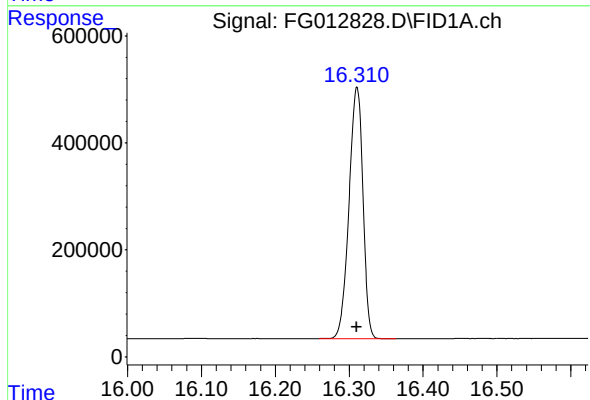
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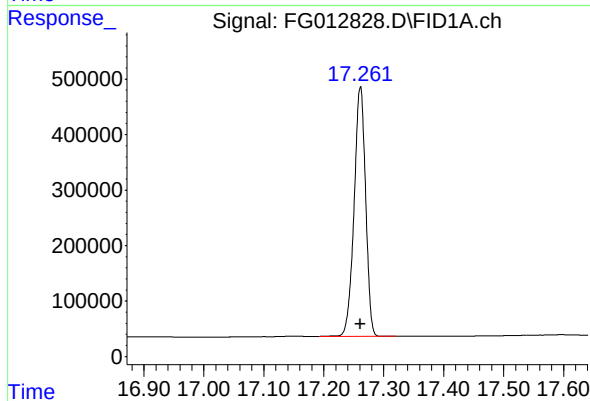
#10 N-TETRACOSANE

R.T.: 15.287 min
Delta R.T.: -0.001 min
Response: 6322983
Conc: 50.00 ug/ml



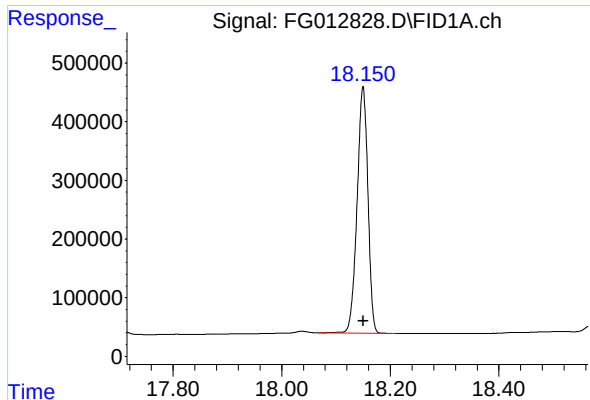
#11 N-HEXACOSANE

R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 6154727
Conc: 49.17 ug/ml



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 6009936
Conc: 48.90 ug/ml



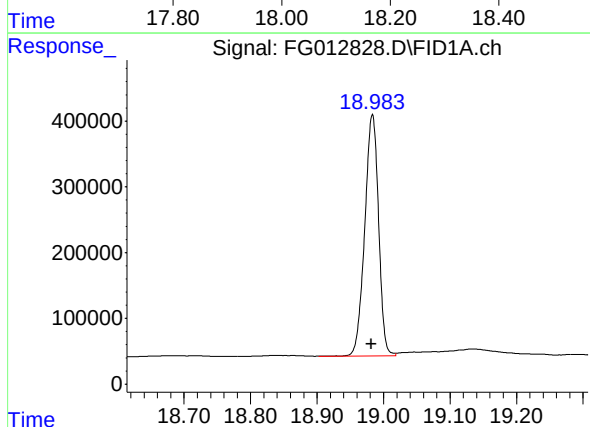
#13 N-TRIACONTANE

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 5810305
Conc: 49.06 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

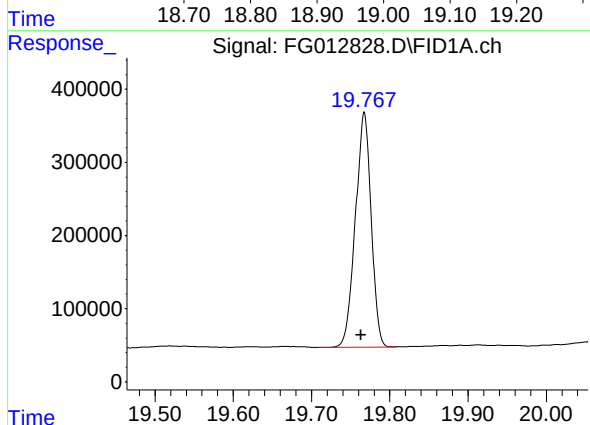
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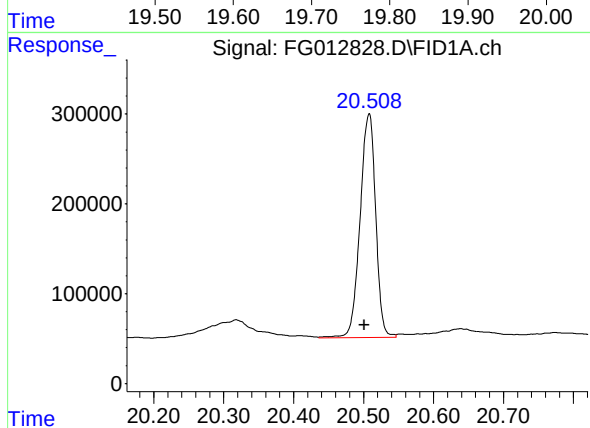
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: 0.002 min
Response: 5305129
Conc: 47.24 ug/ml



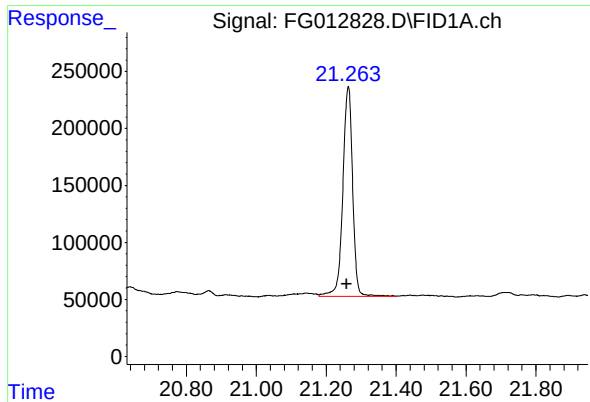
#15 N-TETRATRIACONTANE

R.T.: 19.767 min
Delta R.T.: 0.004 min
Response: 4491622
Conc: 47.42 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.508 min
Delta R.T.: 0.007 min
Response: 3858871
Conc: 47.55 ug/ml



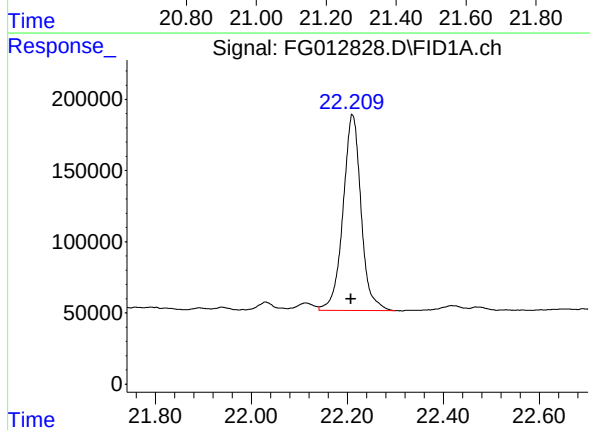
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: 0.005 min
Response: 3582650
Conc: 49.61 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.211 min
Delta R.T.: 0.003 min
Response: 3596354
Conc: 51.61 ug/ml