

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120224\
 Data File : FG014915.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 16:12
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e
 Quant Time: Dec 03 01:56:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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...	15.043	5829821	50.519 ug/ml
Target Compounds			
1) N-OCTANE	2.053	6484191	48.904 ug/ml
2) N-DECANE	4.568	6667420	49.965 ug/ml
3) N-DODECANE	6.740	6763161	49.153 ug/ml
4) N-TETRADECANE	8.572	6639240	49.801 ug/ml
5) N-HEXADECANE	10.183	6656293	49.457 ug/ml
6) N-OCTADECANE	11.630	6763732	49.268 ug/ml
7) N-EICOSANE	12.942	6645449	50.147 ug/ml
8) N-DOCOSANE	14.142	6443658	49.943 ug/ml
10) N-TETRACOSANE	15.247	6330559	49.989 ug/ml
11) N-HEXACOSANE	16.270	6172363	50.167 ug/ml
12) N-OCTACOSANE	17.220	6017015	49.736 ug/ml
13) N-TRIACONTANE	18.109	5904426	49.241 ug/ml
14) N-DOTRIACONTANE	18.941	5604296	48.181 ug/mlm
15) N-TETRATRIACONTANE	19.726	4957789	49.154 ug/ml
16) N-HEXATRIACONTANE	20.464	3969475	48.949 ug/ml
17) N-OCTATRIACONTANE	21.212	3576548	51.786 ug/ml
18) N-TETRACONTANE	22.147	3660712	59.341 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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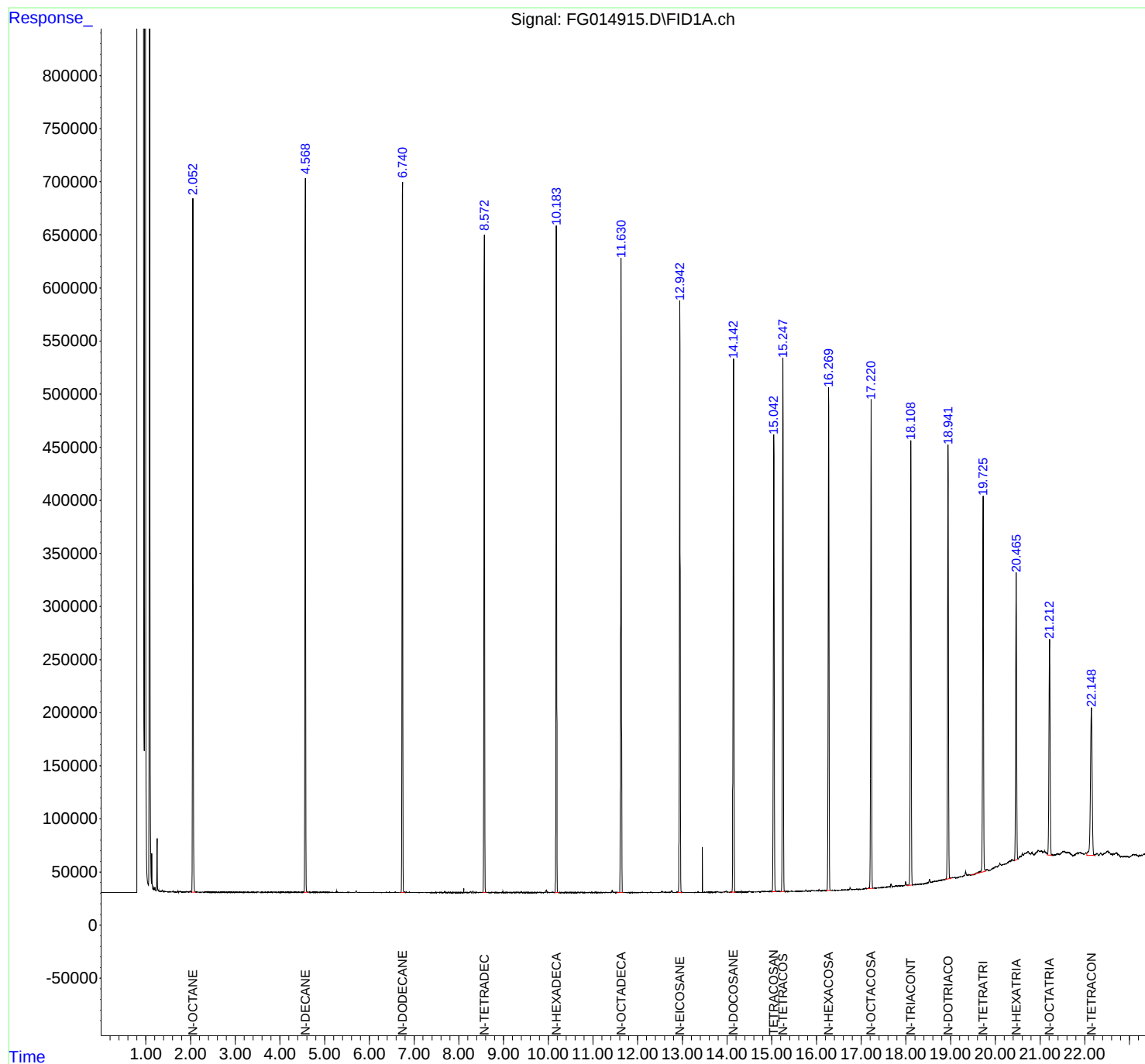
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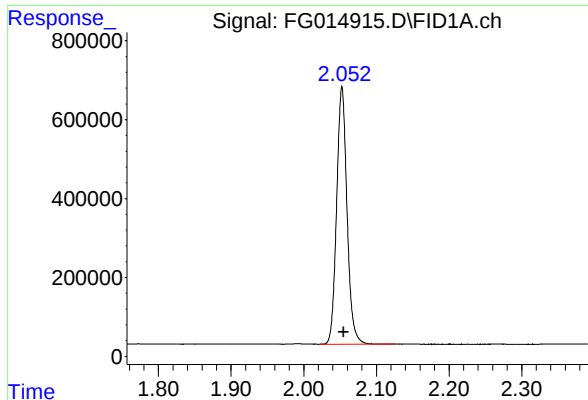
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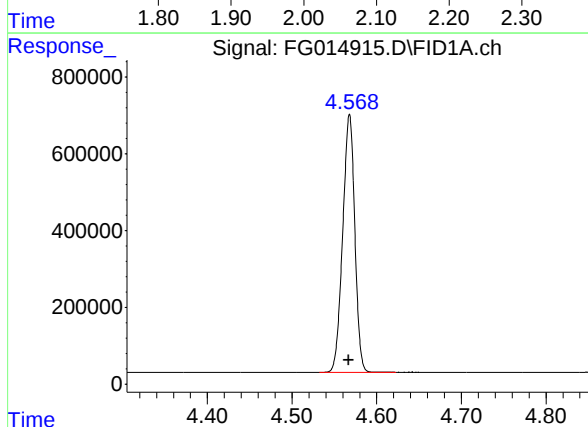
#1 N-OCTANE

R.T.: 2.053 min
Delta R.T.: -0.002 min
Response: 6484191
Conc: 48.90 ug/ml

Instrument :
FID_G
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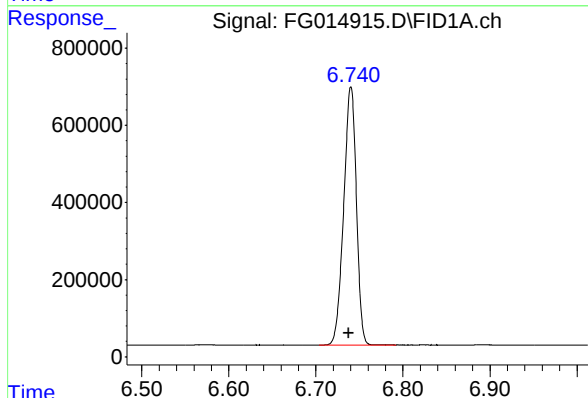
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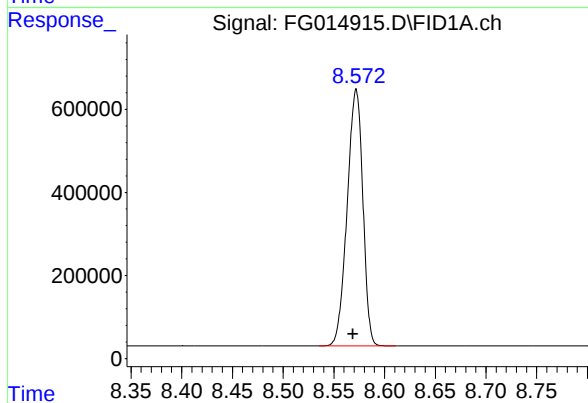
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 6667420
Conc: 49.97 ug/ml



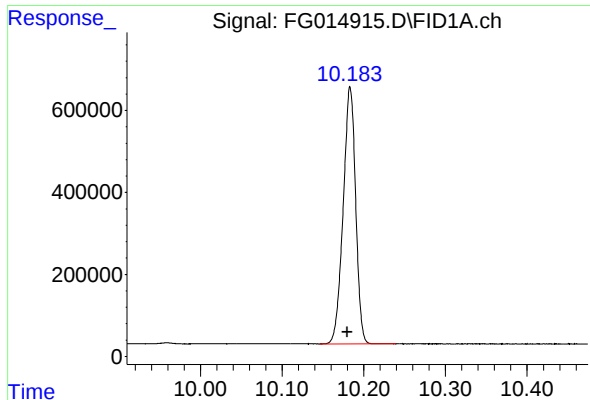
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: 0.003 min
Response: 6763161
Conc: 49.15 ug/ml



#4 N-TETRADECANE

R.T.: 8.572 min
Delta R.T.: 0.003 min
Response: 6639240
Conc: 49.80 ug/ml



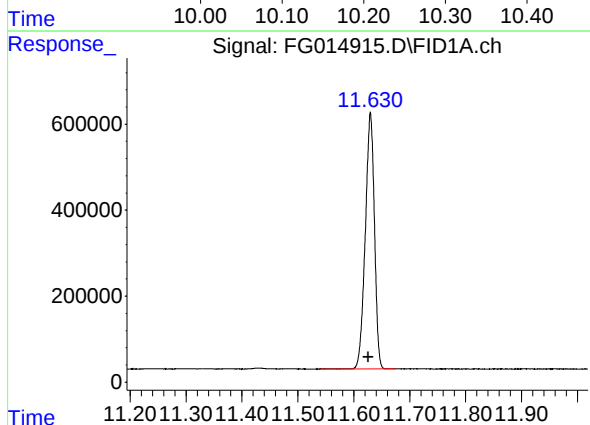
#5 N-HEXADECANE

R.T.: 10.183 min
Delta R.T.: 0.003 min
Response: 6656293
Conc: 49.46 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

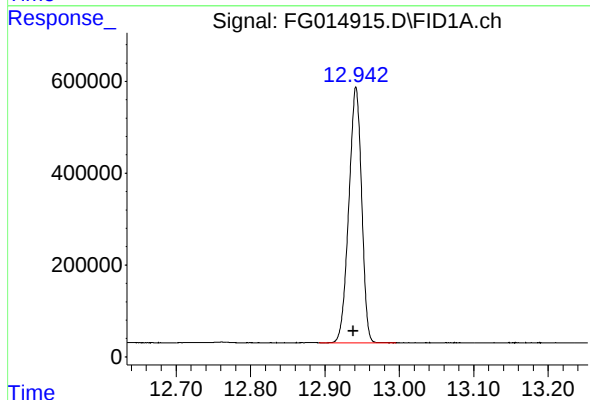
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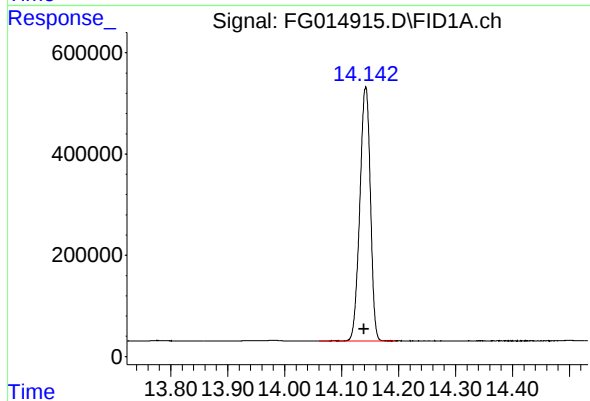
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: 0.004 min
Response: 6763732
Conc: 49.27 ug/ml



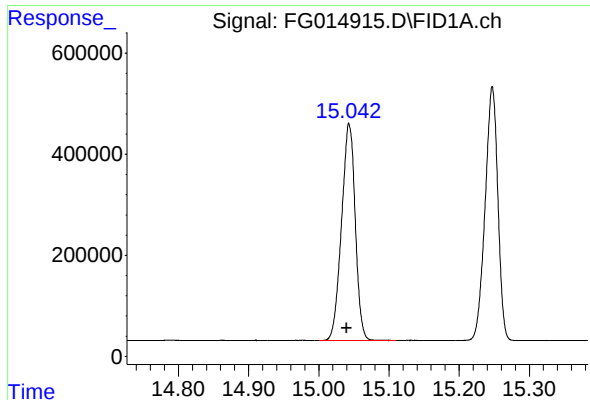
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: 0.004 min
Response: 6645449
Conc: 50.15 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: 0.003 min
Response: 6443658
Conc: 49.94 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: 0.004 min
Response: 5829821
Conc: 50.52 ug/ml

Instrument :

FID_G

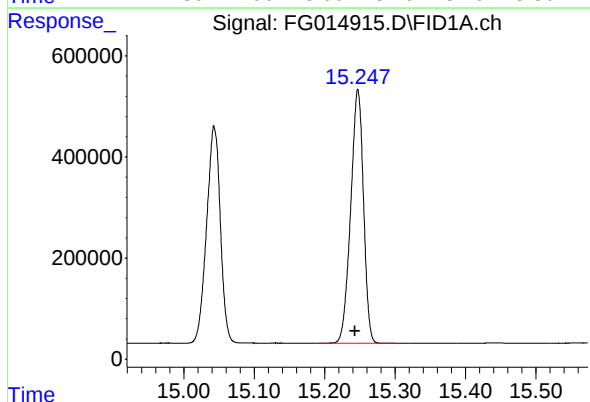
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

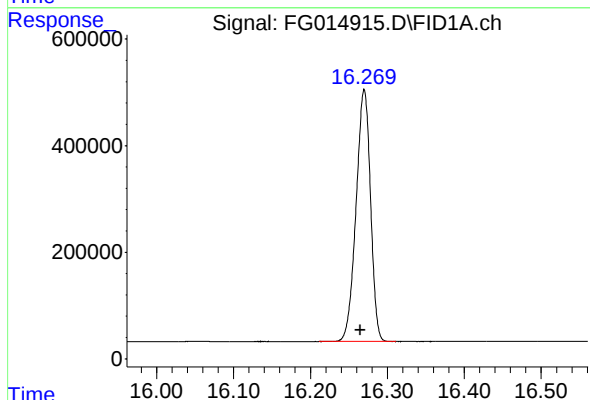
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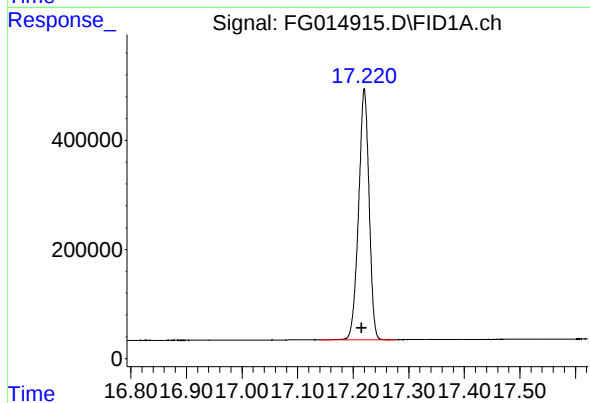
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: 0.004 min
Response: 6330559
Conc: 49.99 ug/ml



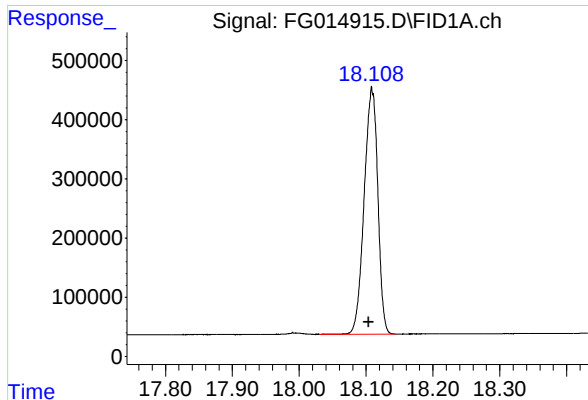
#11 N-HEXACOSANE

R.T.: 16.270 min
Delta R.T.: 0.005 min
Response: 6172363
Conc: 50.17 ug/ml



#12 N-OCTACOSANE

R.T.: 17.220 min
Delta R.T.: 0.005 min
Response: 6017015
Conc: 49.74 ug/ml



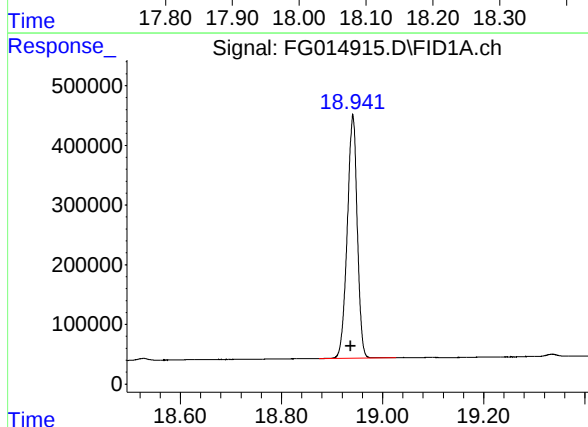
#13 N-TRIACONTANE

R.T.: 18.109 min
Delta R.T.: 0.005 min
Response: 5904426
Conc: 49.24 ug/ml

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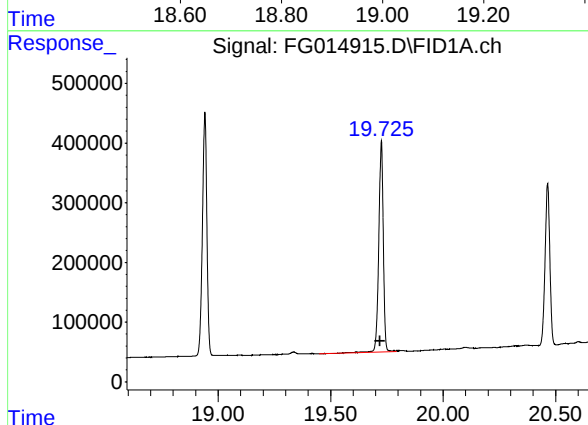
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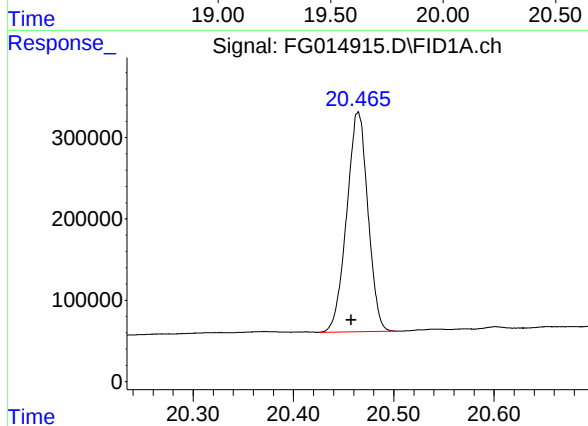
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: 0.004 min
Response: 5604296
Conc: 48.18 ug/ml



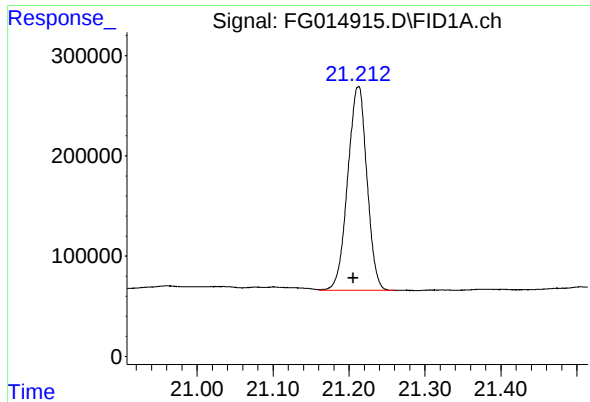
#15 N-TETRATRIACONTANE

R.T.: 19.726 min
Delta R.T.: 0.006 min
Response: 4957789
Conc: 49.15 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.464 min
Delta R.T.: 0.007 min
Response: 3969475
Conc: 48.95 ug/ml



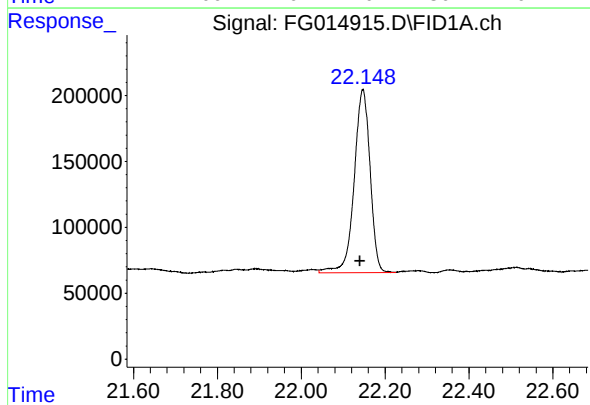
#17 N-OCTATRIACONTANE

R.T.: 21.212 min
Delta R.T.: 0.007 min
Response: 3576548
Conc: 51.79 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.147 min
Delta R.T.: 0.007 min
Response: 3660712
Conc: 59.34 ug/ml