

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032923\
 Data File : FG011688.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2023 14:40
 Operator : YP\AJ
 Sample : 02102-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 CHAMBER-C-72-EASTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e
 Quant Time: Mar 29 18:01:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.046	1589936	15.796 ug/ml
Target Compounds			
1) N-OCTANE	2.055	1555791	13.220 ug/ml
2) N-DECANE	4.574	1879439	15.551 ug/ml
3) N-DODECANE	6.744	2028290	16.622 ug/ml
4) N-TETRADECANE	8.575	2102927	17.281 ug/ml
5) N-HEXADECANE	10.186	2235723	18.131 ug/ml
6) N-OCTADECANE	11.631	2279837	18.666 ug/mlm
7) N-EICOSANE	12.944	2256389	18.779 ug/ml
8) N-DOCOSANE	14.144	2149288	18.737 ug/ml
10) N-TETRACOSANE	15.250	2217650	19.632 ug/ml
11) N-HEXACOSANE	16.275	2144723	19.860 ug/ml
12) N-OCTACOSANE	17.226	2115811	20.404 ug/ml
13) N-TRIACONTANE	18.116	2050943	20.696 ug/ml
14) N-DOTRIACONTANE	18.949	2068009	22.298 ug/mlm
15) N-TETRATRIACONTANE	19.736	2170525	25.746 ug/ml
16) N-HEXATRIACONTANE	20.477	2335917	30.343 ug/mlm
17) N-OCTATRIACONTANE	21.226	2555896	33.948 ug/ml
18) N-TETRACONTANE	22.161	2676215	36.464 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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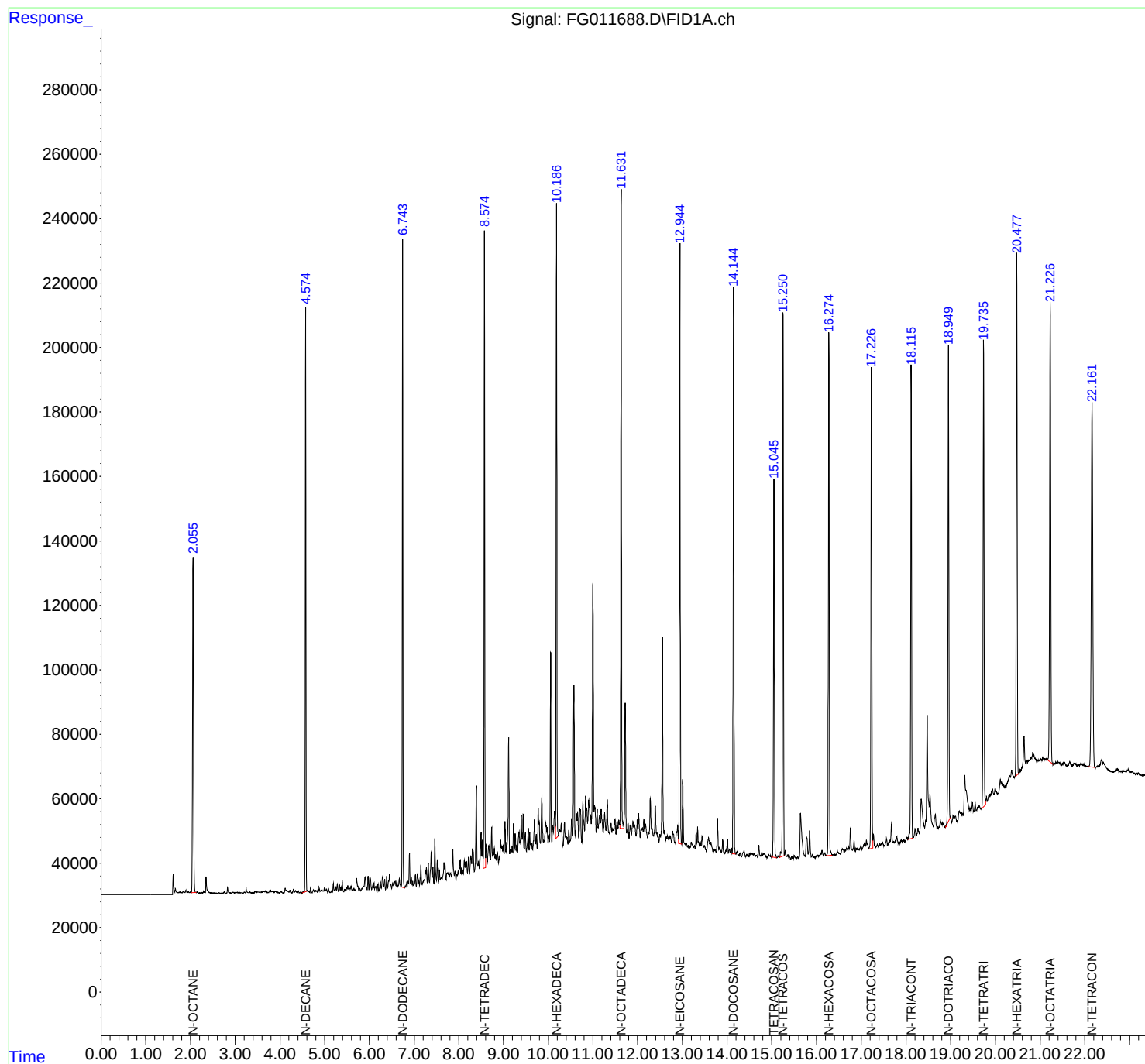
Instrument :
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CHAMBER-C-72-EASTMS

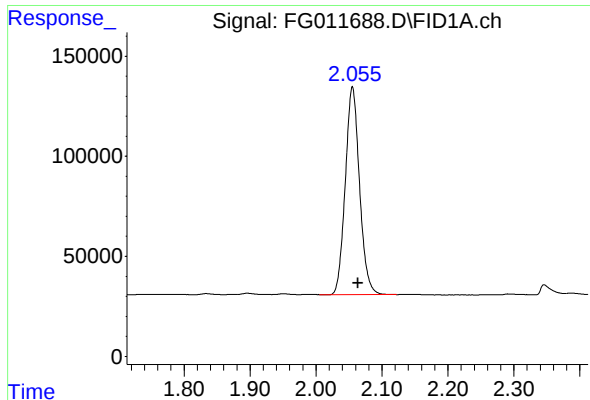
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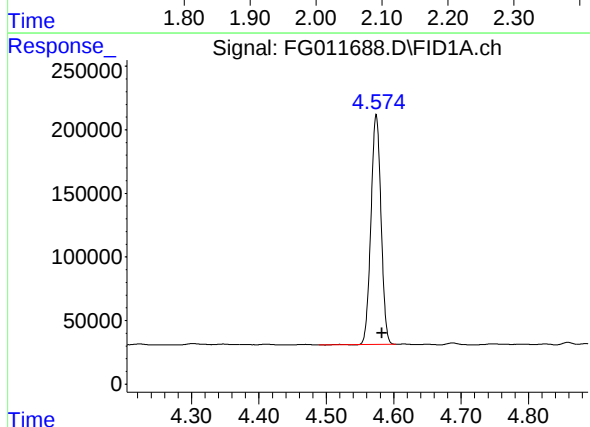
#1 N-OCTANE

R.T.: 2.055 min
Delta R.T.: -0.009 min
Response: 1555791
Conc: 13.22 ug/ml

Instrument :
FID_G
ClientSampleId :
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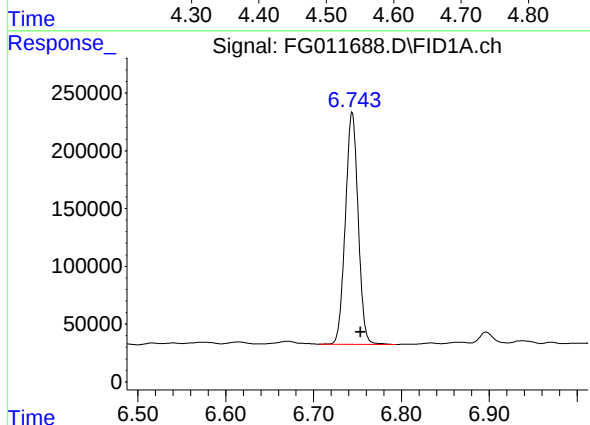
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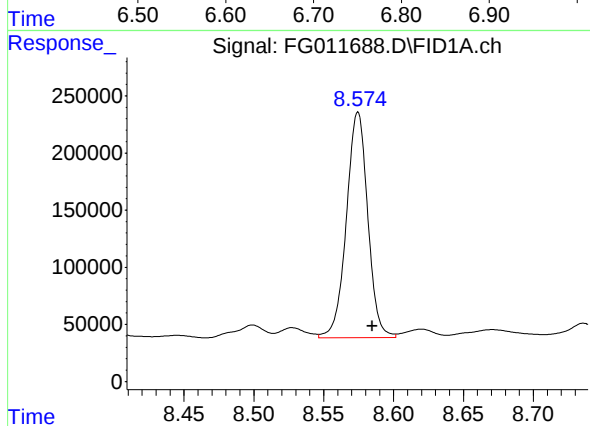
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: -0.009 min
Response: 1879439
Conc: 15.55 ug/ml



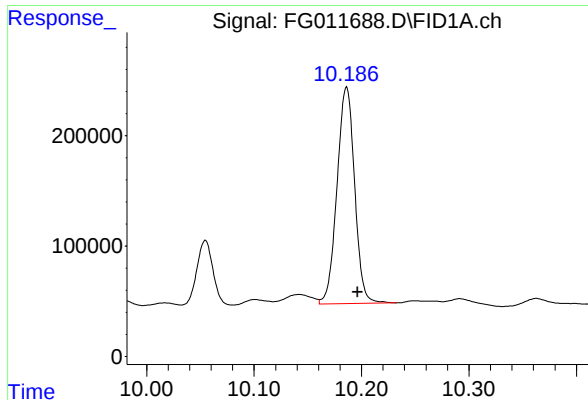
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 2028290
Conc: 16.62 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.010 min
Response: 2102927
Conc: 17.28 ug/ml



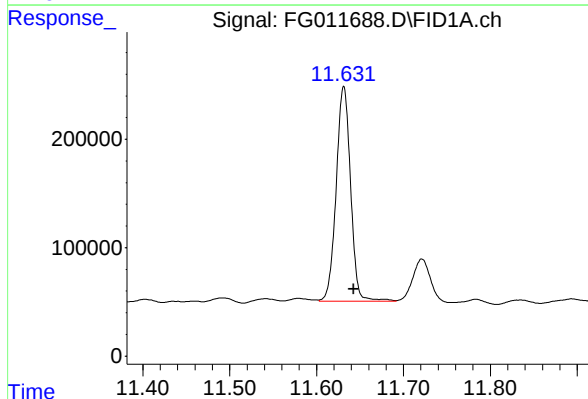
#5 N-HEXADECANE

R.T.: 10.186 min
Delta R.T.: -0.010 min
Response: 2235723
Conc: 18.13 ug/ml

Instrument :
FID_G
ClientSampleId :
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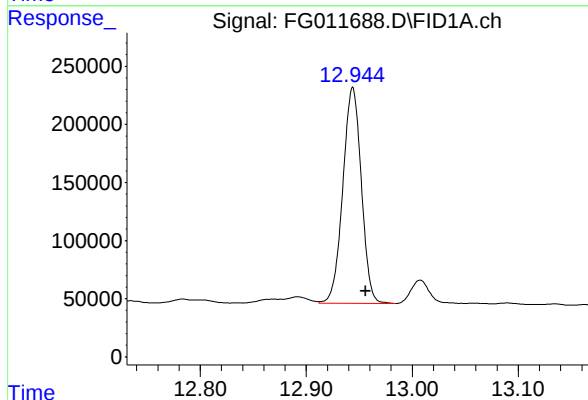
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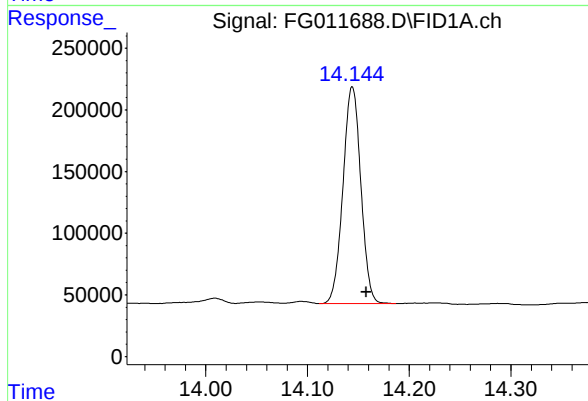
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: -0.012 min
Response: 2279837
Conc: 18.67 ug/ml m



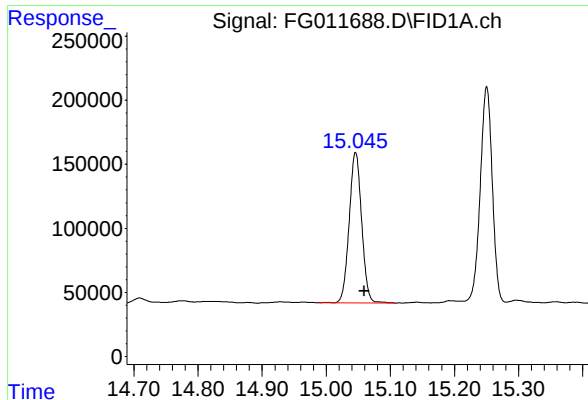
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.012 min
Response: 2256389
Conc: 18.78 ug/ml



#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: -0.014 min
Response: 2149288
Conc: 18.74 ug/ml



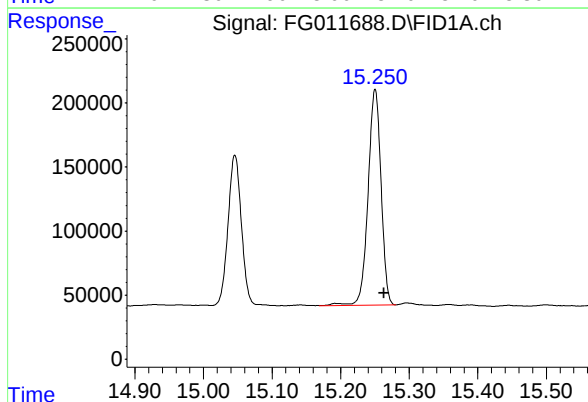
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: -0.013 min
Response: 1589936
Conc: 15.80 ug/ml

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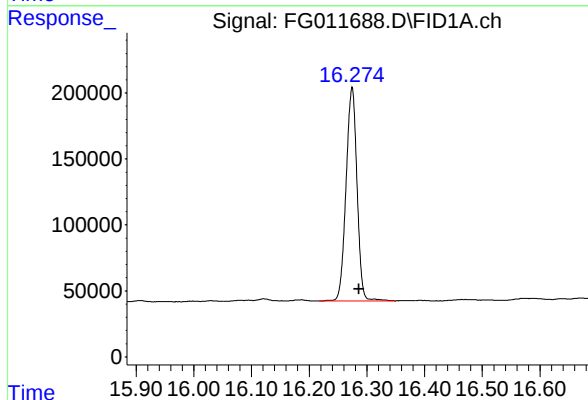
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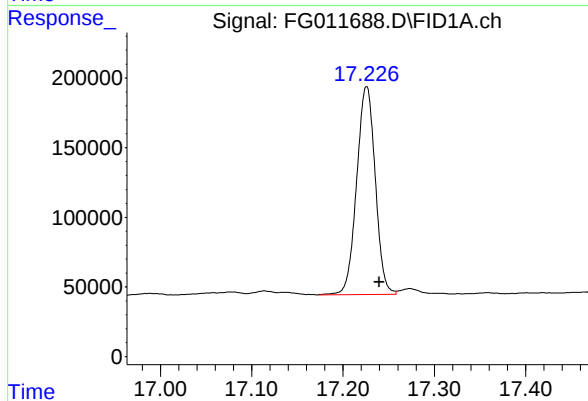
#10 N-TETRACOSANE

R.T.: 15.250 min
Delta R.T.: -0.013 min
Response: 2217650
Conc: 19.63 ug/ml



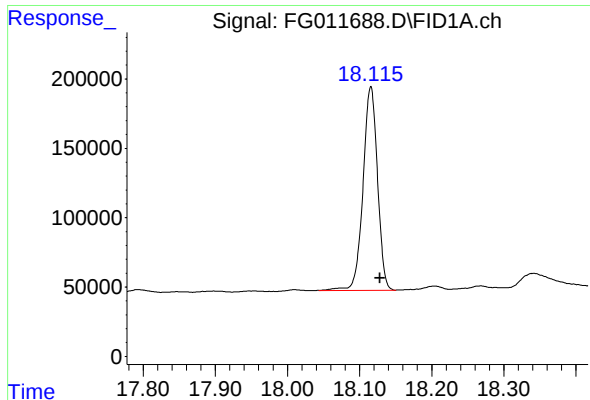
#11 N-HEXACOSANE

R.T.: 16.275 min
Delta R.T.: -0.012 min
Response: 2144723
Conc: 19.86 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: -0.014 min
Response: 2115811
Conc: 20.40 ug/ml



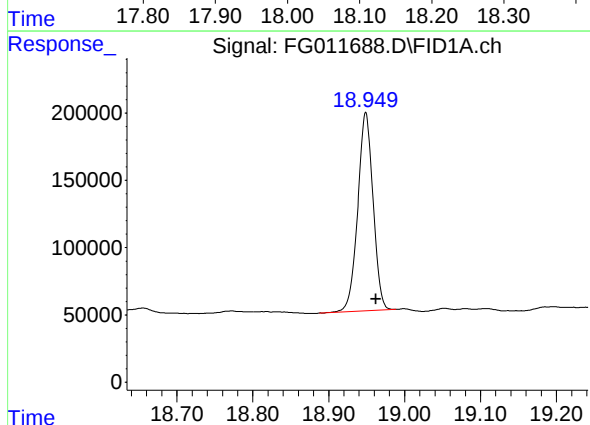
#13 N-TRIACONTANE

R.T.: 18.116 min
Delta R.T.: -0.013 min
Response: 2050943
Conc: 20.70 ug/ml

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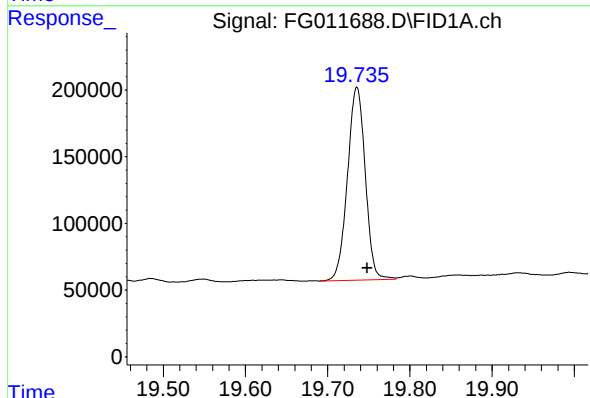
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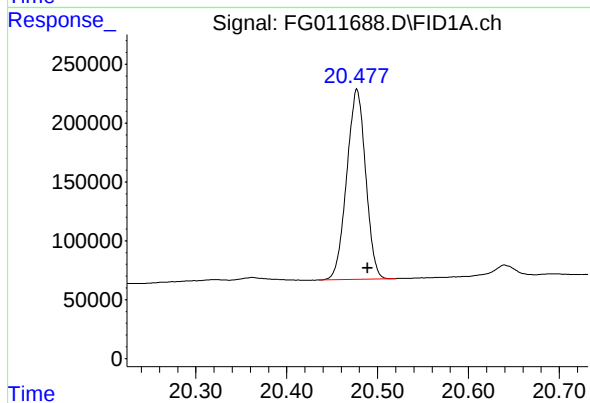
#14 N-DOTRIACONTANE

R.T.: 18.949 min
Delta R.T.: -0.014 min
Response: 2068009
Conc: 22.30 ug/ml m



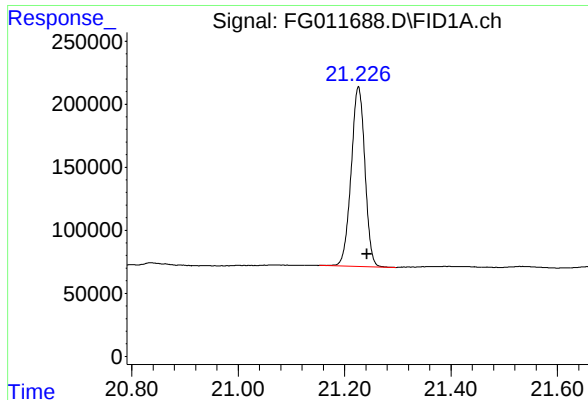
#15 N-TETRATRIACONTANE

R.T.: 19.736 min
Delta R.T.: -0.013 min
Response: 2170525
Conc: 25.75 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.477 min
Delta R.T.: -0.012 min
Response: 2335917
Conc: 30.34 ug/ml m



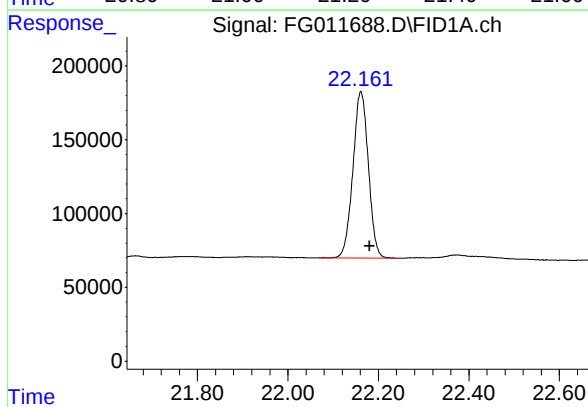
#17 N-OCTATRIACONTANE

R.T.: 21.226 min
Delta R.T.: -0.016 min
Response: 2555896
Conc: 33.95 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.161 min
Delta R.T.: -0.020 min
Response: 2676215
Conc: 36.46 ug/ml