

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032525\
 Data File : FG015551.D
 Signal(s) : FID1A.ch
 Acq On : 25 Mar 2025 15:15
 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 03/26/2025
 Supervised By :mohammad ahmed 03/27/2025

Integration File: autoint1.e
 Quant Time: Mar 26 01:41:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 2025
 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...	15.032	5715113	52.491 ug/ml
Target Compounds			
1) N-OCTANE	1.993	5430482	49.401 ug/ml
2) N-DECANE	4.526	5746277	51.641 ug/ml
3) N-DODECANE	6.710	6018945	51.790 ug/ml
4) N-TETRADECANE	8.546	6050972	52.513 ug/ml
5) N-HEXADECANE	10.161	6238333	52.560 ug/ml
6) N-OCTADECANE	11.610	6494260	52.438 ug/ml
7) N-EICOSANE	12.926	6392672	52.628 ug/ml
8) N-DOCOSANE	14.129	6333552	52.898 ug/ml
10) N-TETRACOSANE	15.237	6349894	53.175 ug/ml
11) N-HEXACOSANE	16.262	6200569	52.838 ug/ml
12) N-OCTACOSANE	17.215	6081553	52.539 ug/ml
13) N-TRIACONTANE	18.105	6095200	52.463 ug/ml
14) N-DOTRIACONTANE	18.939	5940102	51.487 ug/ml
15) N-TETRATRIACONTANE	19.724	5453136	50.776 ug/ml
16) N-HEXATRIACONTANE	20.465	4740237	49.446 ug/mlm
17) N-OCTATRIACONTANE	21.211	4474893	50.141 ug/ml
18) N-TETRACONTANE	22.144	4211918	51.341 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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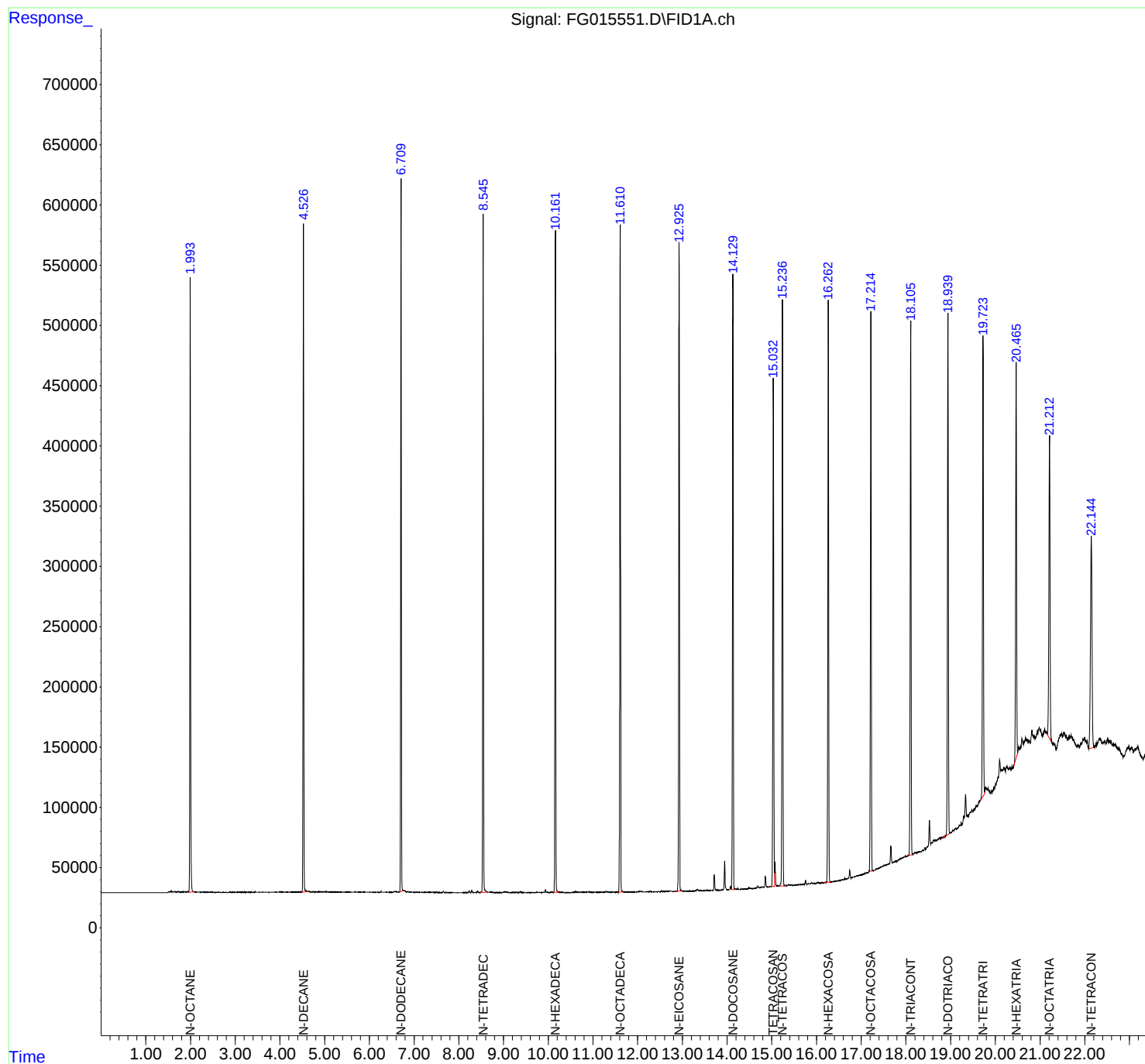
Instrument :
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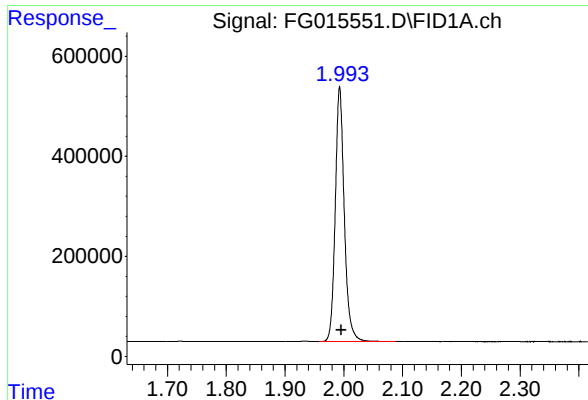
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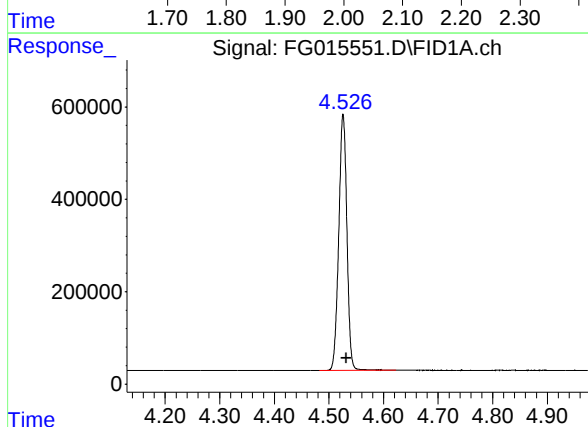
#1 N-OCTANE

R.T.: 1.993 min
Delta R.T.: -0.003 min
Response: 5430482
Conc: 49.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

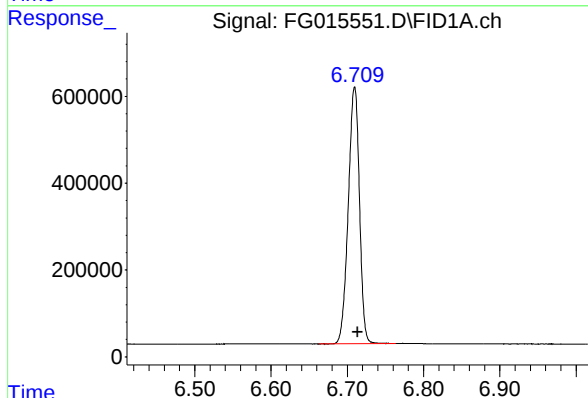
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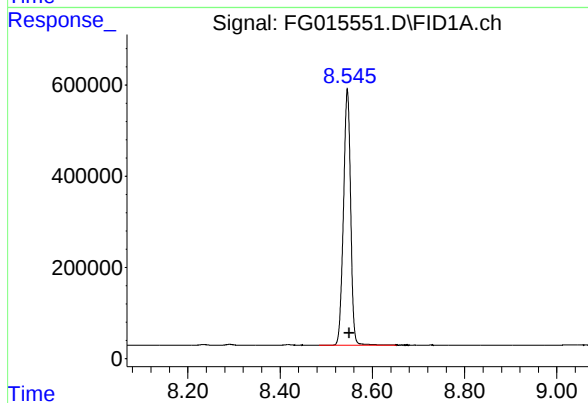
#2 N-DECANE

R.T.: 4.526 min
Delta R.T.: -0.006 min
Response: 5746277
Conc: 51.64 ug/ml



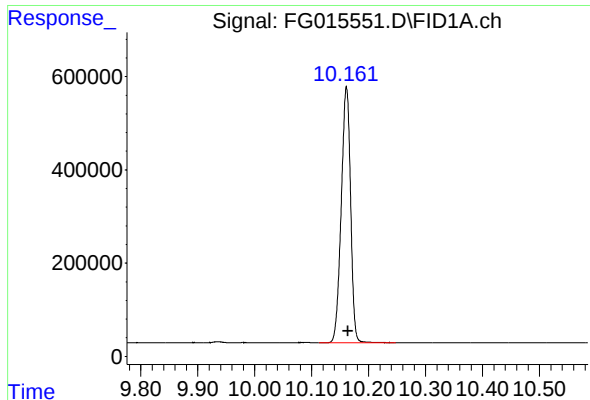
#3 N-DODECANE

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 6018945
Conc: 51.79 ug/ml



#4 N-TETRADECANE

R.T.: 8.546 min
Delta R.T.: -0.004 min
Response: 6050972
Conc: 52.51 ug/ml



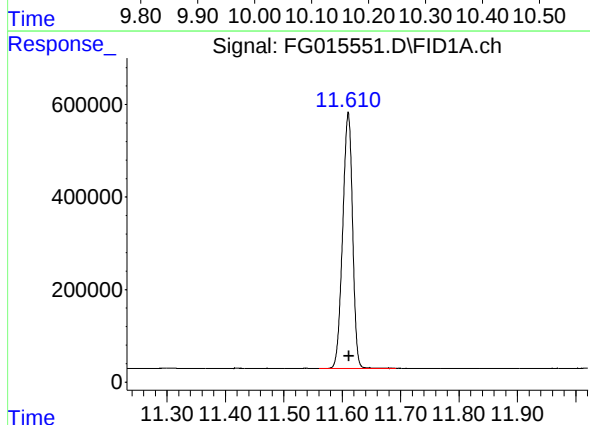
#5 N-HEXADECANE

R.T.: 10.161 min
Delta R.T.: -0.002 min
Response: 6238333
Conc: 52.56 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

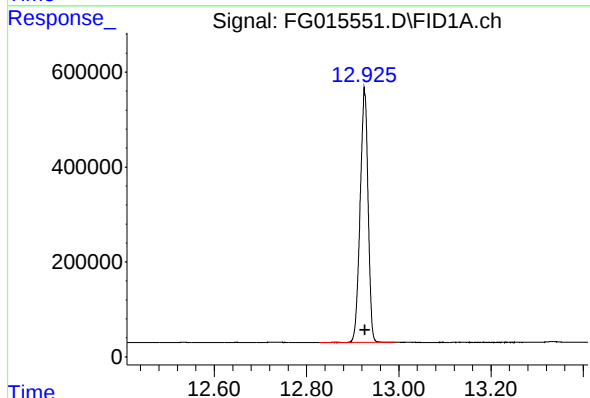
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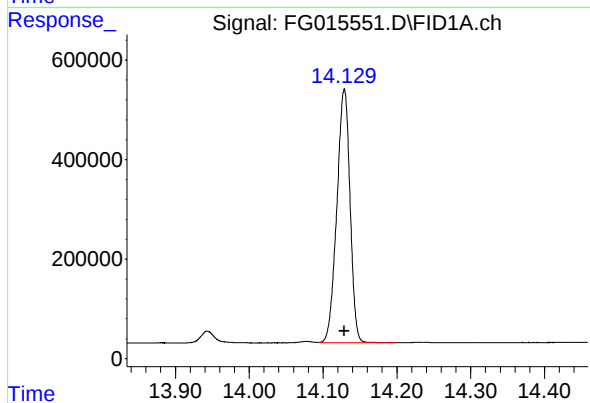
#6 N-OCTADECANE

R.T.: 11.610 min
Delta R.T.: -0.001 min
Response: 6494260
Conc: 52.44 ug/ml



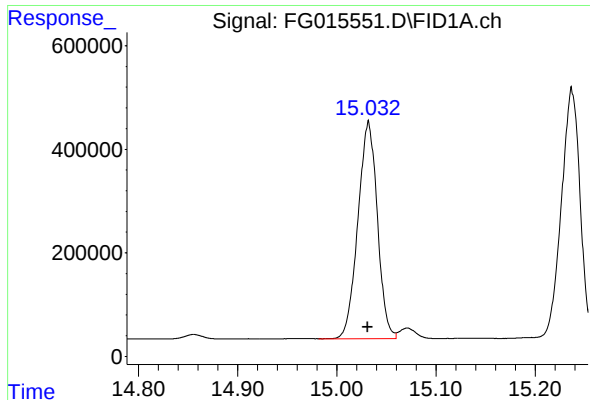
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: 0.000 min
Response: 6392672
Conc: 52.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.129 min
Delta R.T.: 0.000 min
Response: 6333552
Conc: 52.90 ug/ml



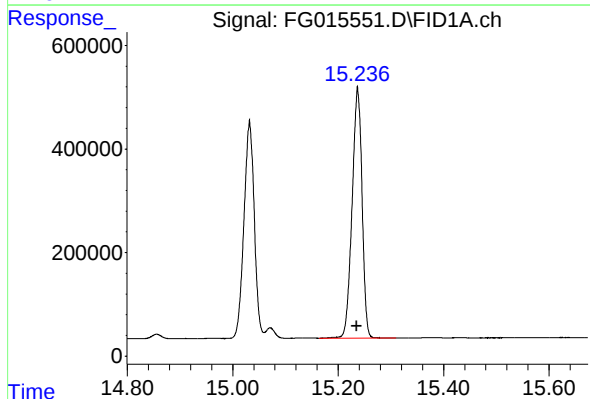
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.032 min
Delta R.T.: 0.000 min
Response: 5715113
Conc: 52.49 ug/ml

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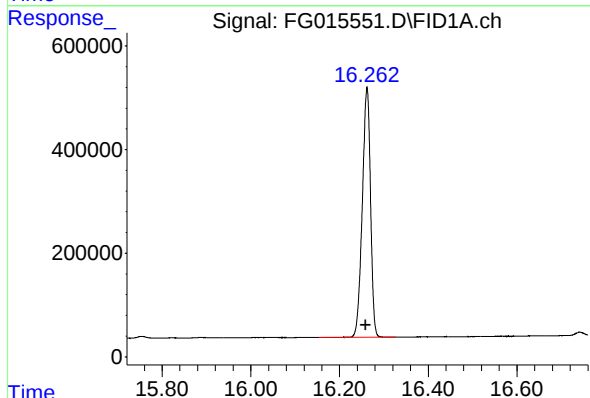
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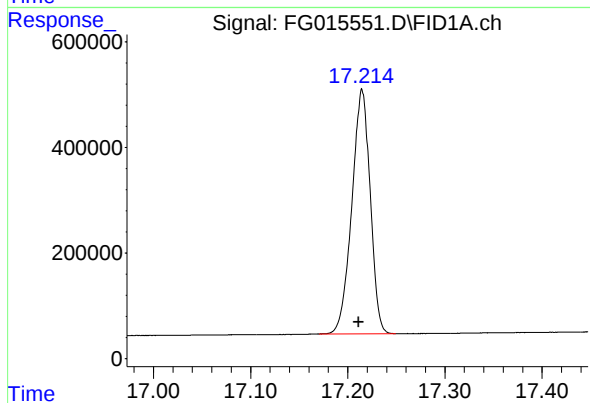
#10 N-TETRACOSANE

R.T.: 15.237 min
Delta R.T.: 0.002 min
Response: 6349894
Conc: 53.18 ug/ml



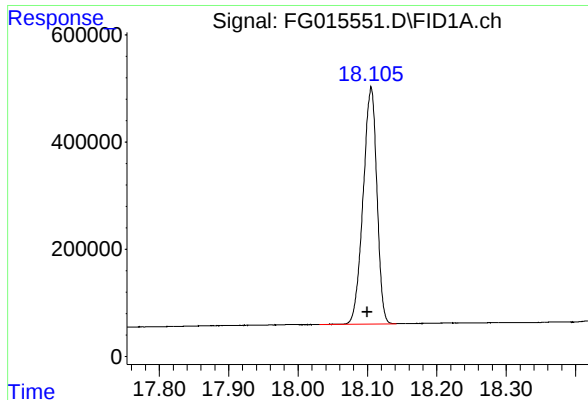
#11 N-HEXACOSANE

R.T.: 16.262 min
Delta R.T.: 0.004 min
Response: 6200569
Conc: 52.84 ug/ml



#12 N-OCTACOSANE

R.T.: 17.215 min
Delta R.T.: 0.003 min
Response: 6081553
Conc: 52.54 ug/ml



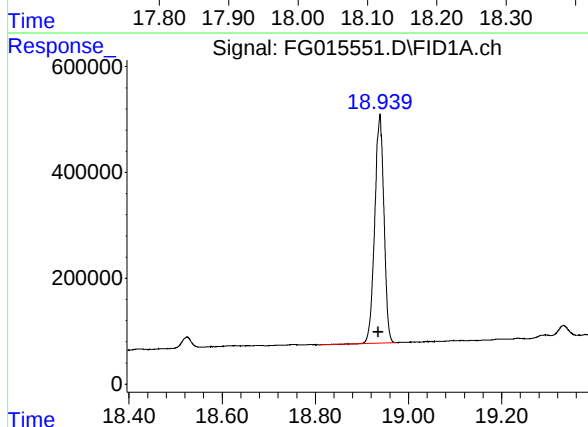
#13 N-TRIACONTANE

R.T.: 18.105 min
Delta R.T.: 0.006 min
Response: 6095200
Conc: 52.46 ug/ml

Instrument :
FID_G
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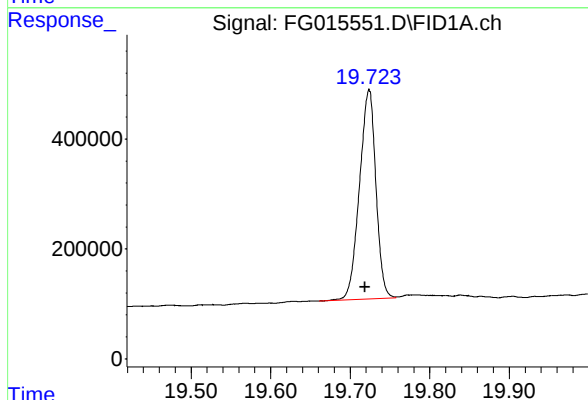
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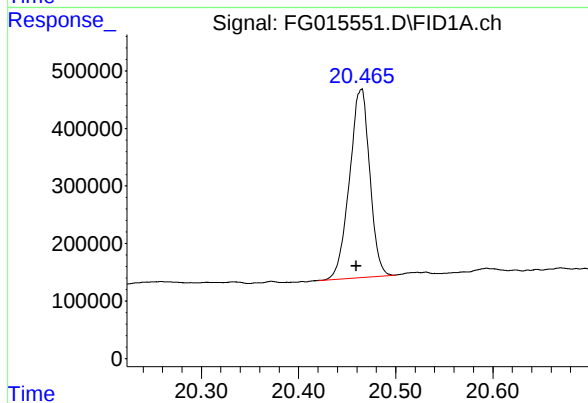
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: 0.004 min
Response: 5940102
Conc: 51.49 ug/ml



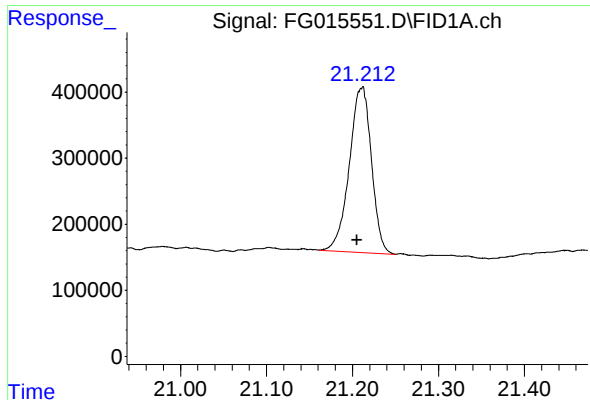
#15 N-TETRATRIACONTANE

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 5453136
Conc: 50.78 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.465 min
Delta R.T.: 0.006 min
Response: 4740237
Conc: 49.45 ug/ml m



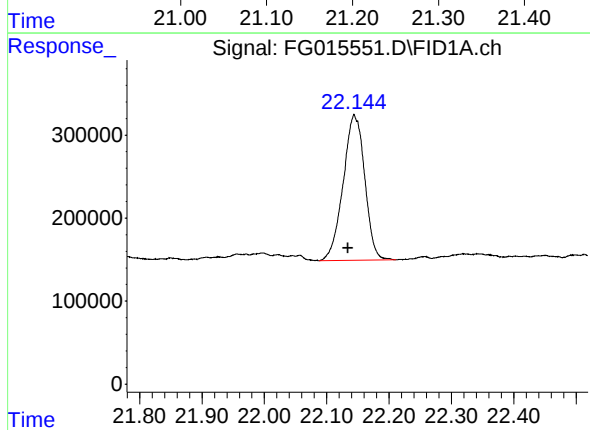
#17 N-OCTATRIACONTANE

R.T.: 21.211 min
Delta R.T.: 0.006 min
Response: 4474893
Conc: 50.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.144 min
Delta R.T.: 0.010 min
Response: 4211918
Conc: 51.34 ug/ml