

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525\
 Data File : FG015392.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 07:48
 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 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
 Quant Time: Feb 26 00:23:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
 Quant Title :
 QLast Update : Mon Feb 10 11:26:50 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...	15.039	5723963	52.756 ug/ml
Target Compounds			
1) N-OCTANE	1.996	5324281	46.536 ug/ml
2) N-DECANE	4.535	5694024	48.843 ug/ml
3) N-DODECANE	6.719	5989956	49.470 ug/ml
4) N-TETRADECANE	8.555	5976812	50.205 ug/ml
5) N-HEXADECANE	10.169	6191951	50.896 ug/ml
6) N-OCTADECANE	11.618	6459013	51.371 ug/ml
7) N-EICOSANE	12.934	6360607	51.921 ug/ml
8) N-DOCOSANE	14.136	6282875	52.186 ug/ml
10) N-TETRACOSANE	15.243	6250119	52.064 ug/ml
11) N-HEXACOSANE	16.267	6114848	52.107 ug/ml
12) N-OCTACOSANE	17.220	6014457	52.024 ug/ml
13) N-TRIACONTANE	18.111	5989011	52.081 ug/ml
14) N-DOTRIACONTANE	18.944	5644200	49.661 ug/ml
15) N-TETRATRIACONTANE	19.727	4564045	42.453 ug/ml
16) N-HEXATRIACONTANE	20.467	3440280	34.373 ug/ml
17) N-OCTATRIACONTANE	21.213	2774642	27.722 ug/ml
18) N-TETRACONTANE	22.145	2211496	22.417 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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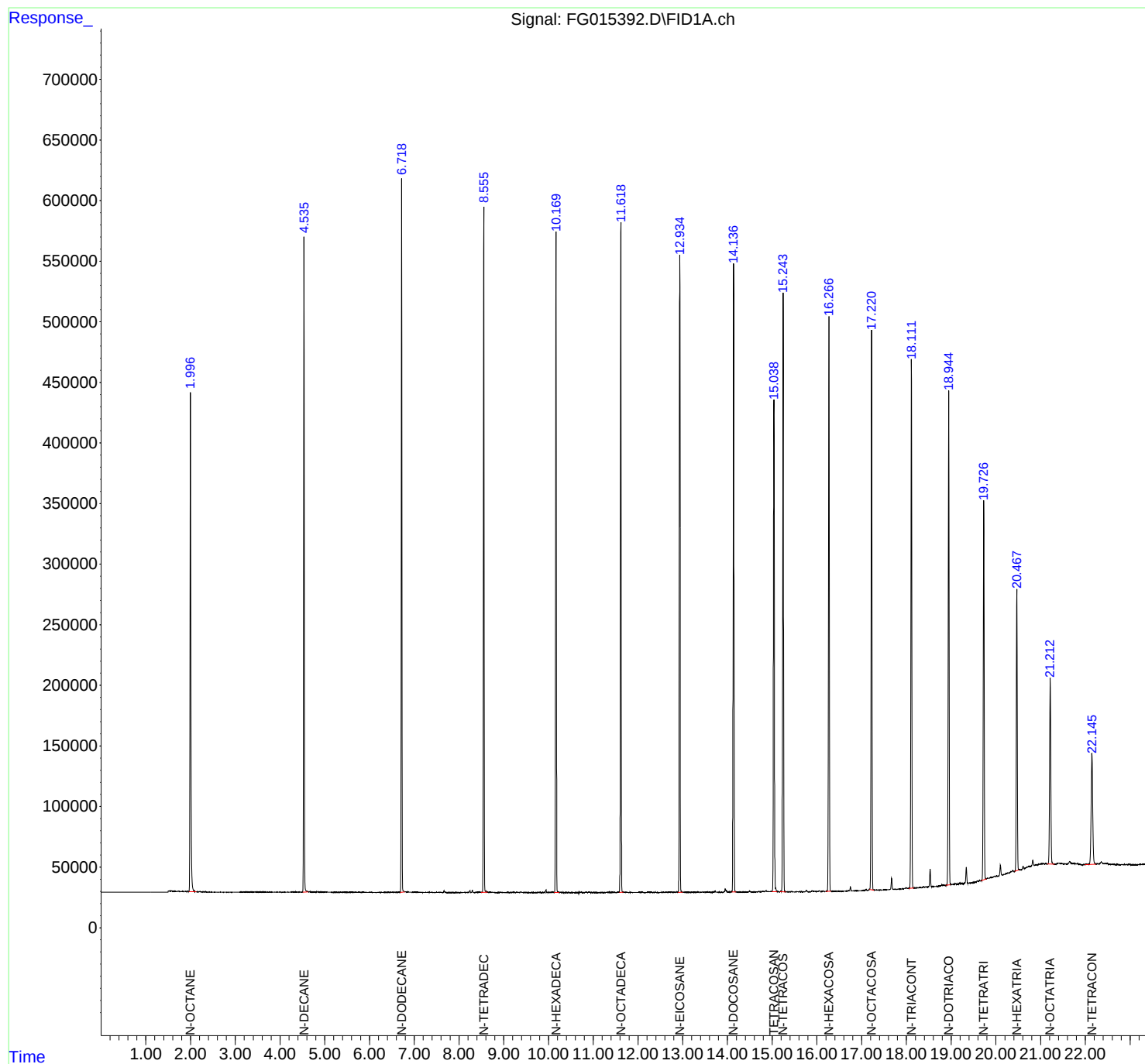
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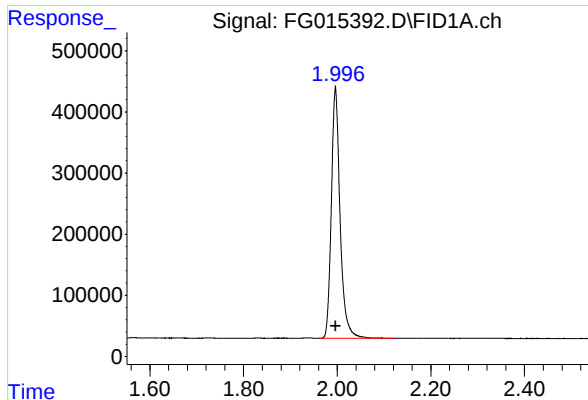
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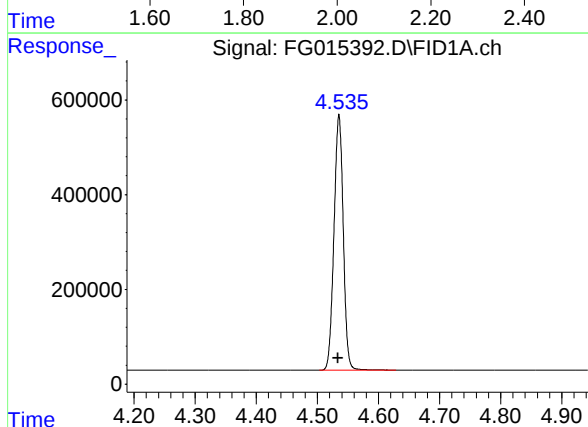
#1 N-OCTANE

R.T.: 1.996 min
Delta R.T.: 0.000 min
Response: 5324281
Conc: 46.54 ug/ml

Instrument :
FID_G
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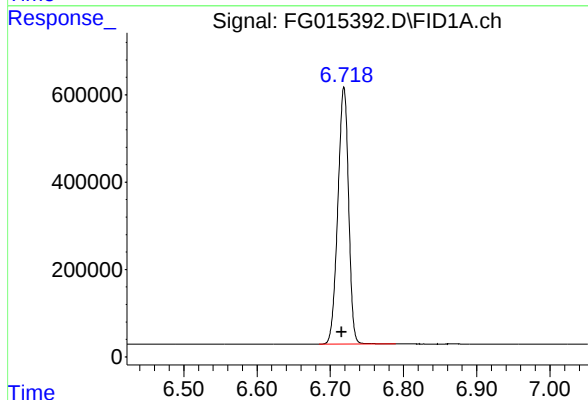
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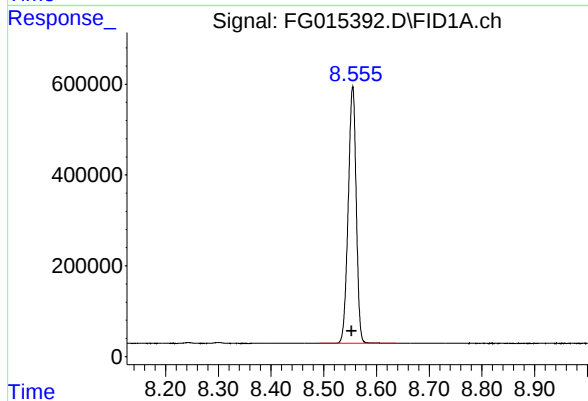
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: 0.002 min
Response: 5694024
Conc: 48.84 ug/ml



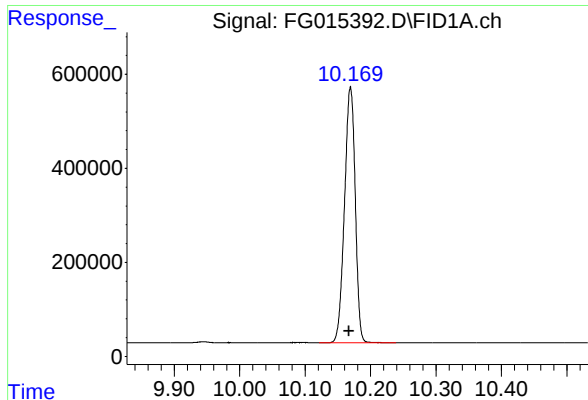
#3 N-DODECANE

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 5989956
Conc: 49.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.555 min
Delta R.T.: 0.002 min
Response: 5976812
Conc: 50.20 ug/ml



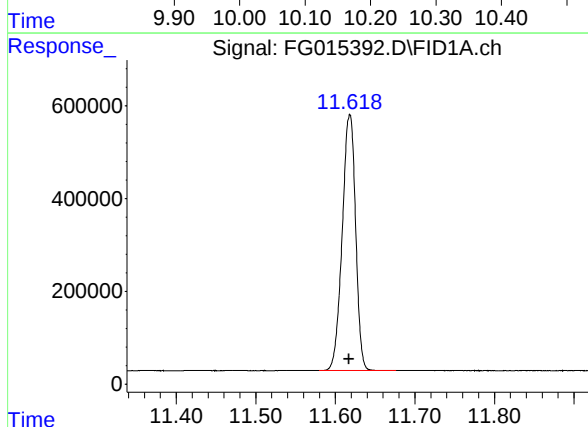
#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: 0.003 min
Response: 6191951
Conc: 50.90 ug/ml

Instrument :
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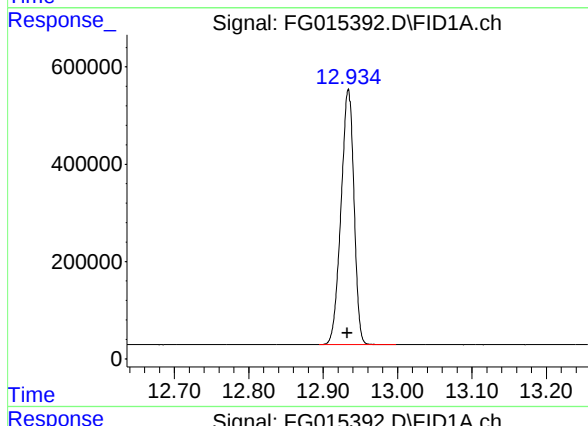
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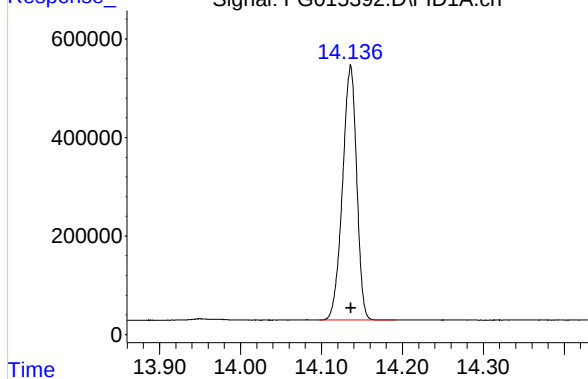
#6 N-OCTADECANE

R.T.: 11.618 min
Delta R.T.: 0.001 min
Response: 6459013
Conc: 51.37 ug/ml



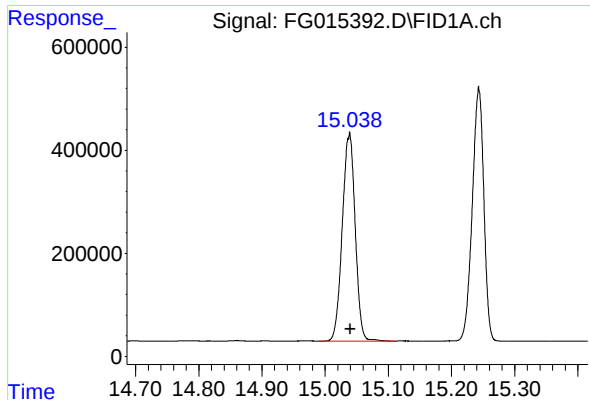
#7 N-EICOSANE

R.T.: 12.934 min
Delta R.T.: 0.001 min
Response: 6360607
Conc: 51.92 ug/ml



#8 N-DOCOSANE

R.T.: 14.136 min
Delta R.T.: 0.000 min
Response: 6282875
Conc: 52.19 ug/ml



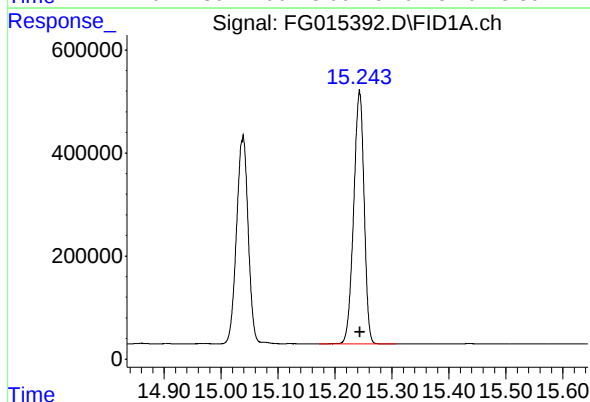
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.039 min
Delta R.T.: -0.001 min
Response: 5723963
Conc: 52.76 ug/ml

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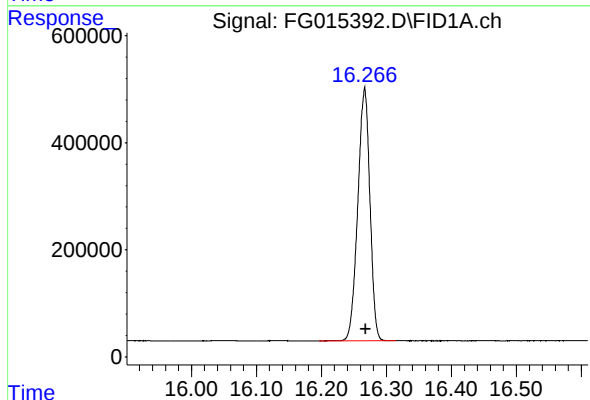
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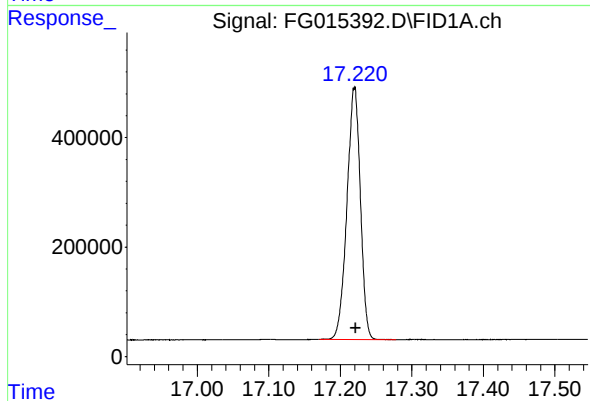
#10 N-TETRACOSANE

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 6250119
Conc: 52.06 ug/ml



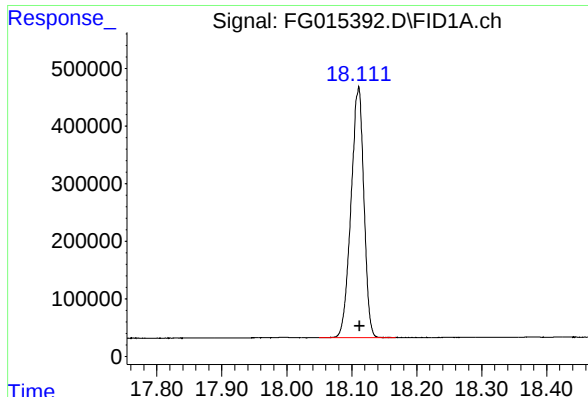
#11 N-HEXACOSANE

R.T.: 16.267 min
Delta R.T.: -0.001 min
Response: 6114848
Conc: 52.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.220 min
Delta R.T.: -0.001 min
Response: 6014457
Conc: 52.02 ug/ml



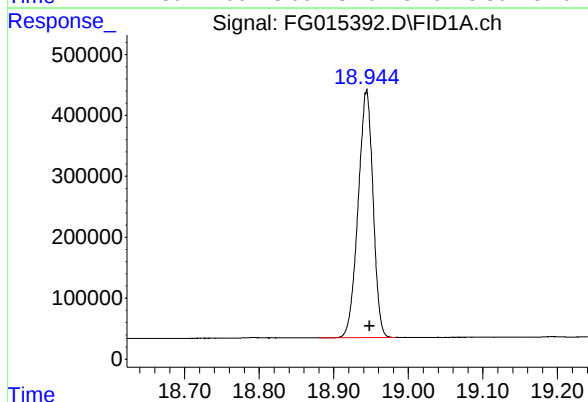
#13 N-TRIACONTANE

R.T.: 18.111 min
Delta R.T.: -0.002 min
Response: 5989011
Conc: 52.08 ug/ml

Instrument :
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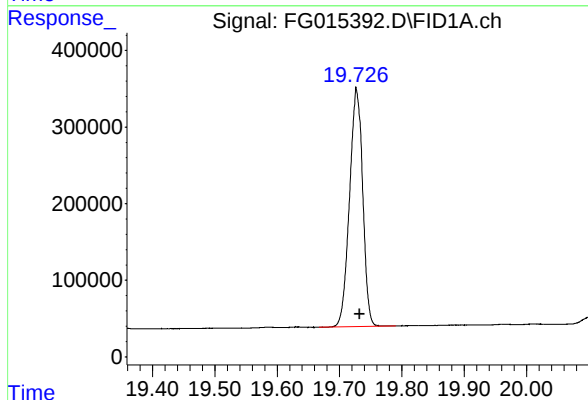
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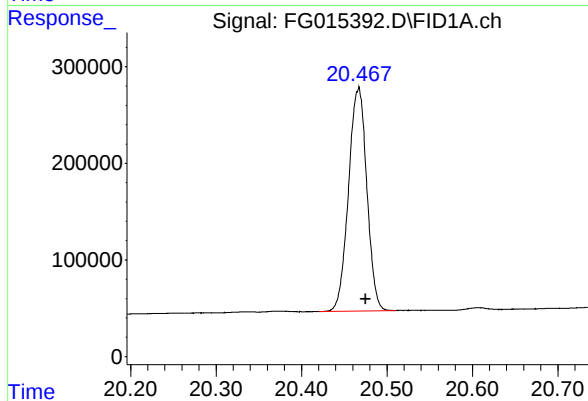
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: -0.004 min
Response: 5644200
Conc: 49.66 ug/ml



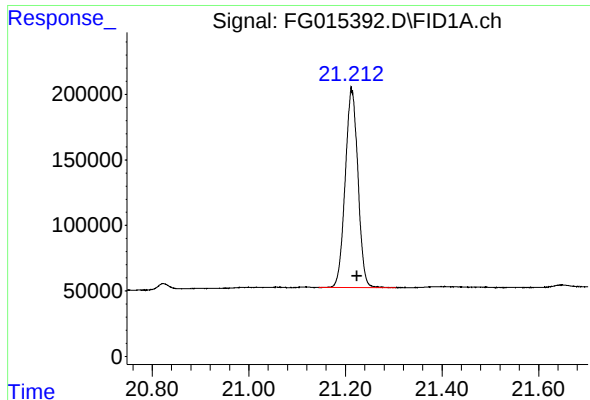
#15 N-TETRATRIACONTANE

R.T.: 19.727 min
Delta R.T.: -0.005 min
Response: 4564045
Conc: 42.45 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: -0.008 min
Response: 3440280
Conc: 34.37 ug/ml



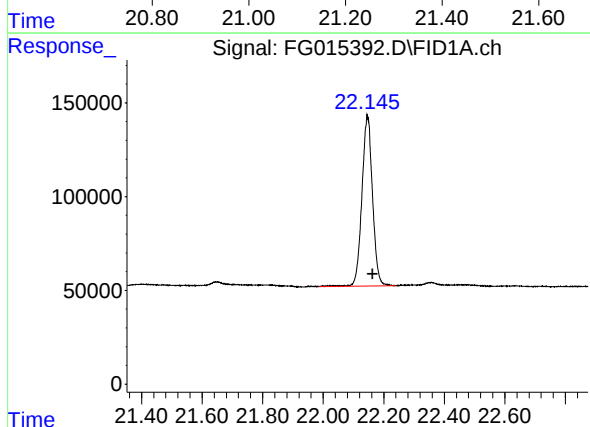
#17 N-OCTATRIACONTANE

R.T.: 21.213 min
Delta R.T.: -0.011 min
Response: 2774642
Conc: 27.72 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.145 min
Delta R.T.: -0.019 min
Response: 2211496
Conc: 22.42 ug/ml m