

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122623\
 Data File : FG013305.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 09:02
 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 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:27:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 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...	15.080	5503125	51.262 ug/ml
Target Compounds			
1) N-OCTANE	2.058	5626684	46.125 ug/ml
2) N-DECANE	4.587	6509320	51.496 ug/ml
3) N-DODECANE	6.764	6586297	52.439 ug/ml
4) N-TETRADECANE	8.599	6508212	53.913 ug/ml
5) N-HEXADECANE	10.213	6553136	53.914 ug/ml
6) N-OCTADECANE	11.662	6423226	53.446 ug/ml
7) N-EICOSANE	12.977	6235653	52.770 ug/ml
8) N-DOCOSANE	14.178	5901943	52.033 ug/ml
10) N-TETRACOSANE	15.286	5819566	49.969 ug/ml
11) N-HEXACOSANE	16.310	5608618	50.362 ug/ml
12) N-OCTACOSANE	17.262	5498466	49.823 ug/ml
13) N-TRIACONTANE	18.152	5447508	49.602 ug/ml
14) N-DOTRIACONTANE	18.985	5191546	48.534 ug/ml
15) N-TETRATRIACONTANE	19.769	4426949	47.125 ug/ml
16) N-HEXATRIACONTANE	20.509	3350862	43.209 ug/ml
17) N-OCTATRIACONTANE	21.264	2845367	41.173 ug/mlm
18) N-TETRACONTANE	22.215	2805333	38.710 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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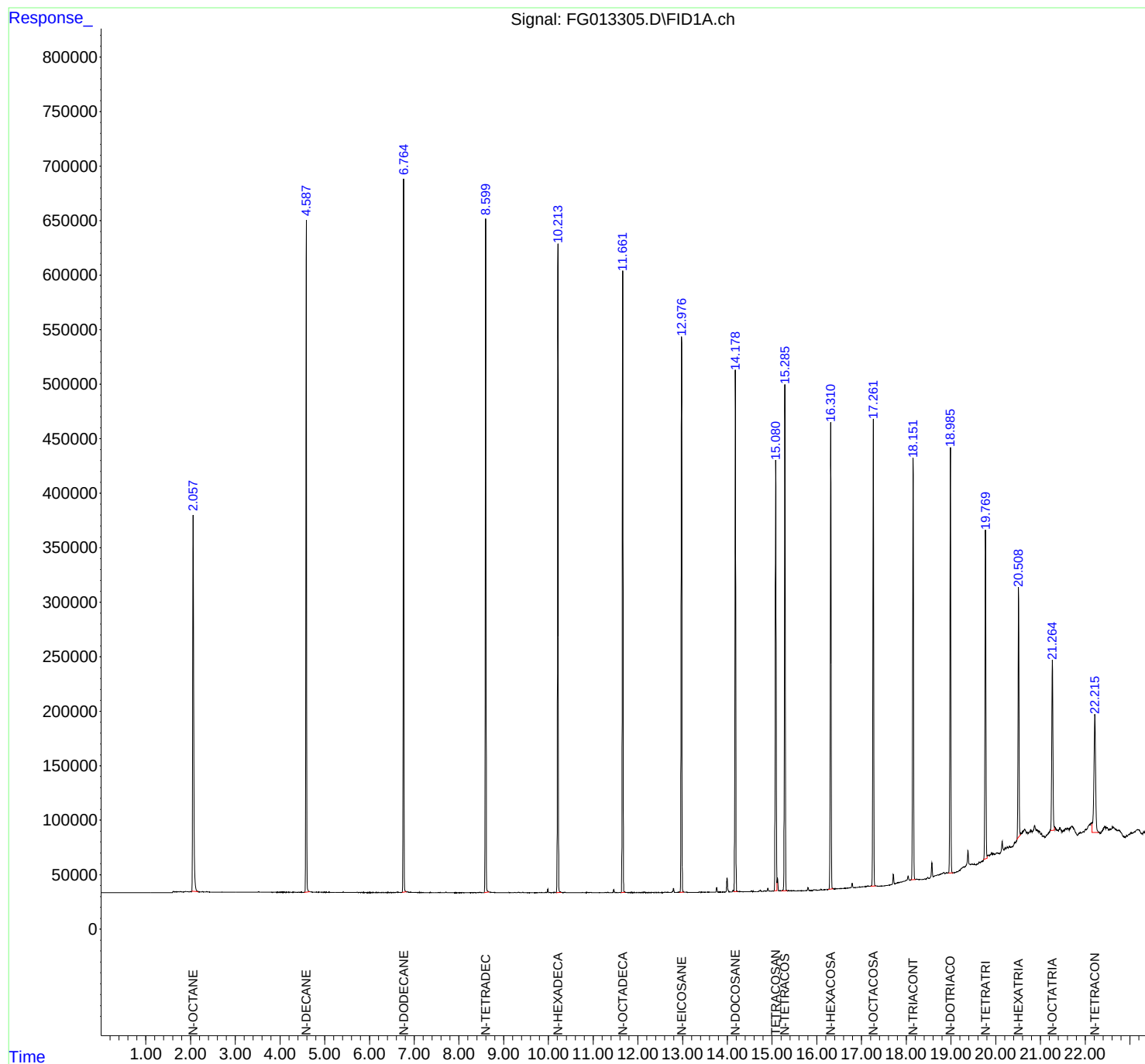
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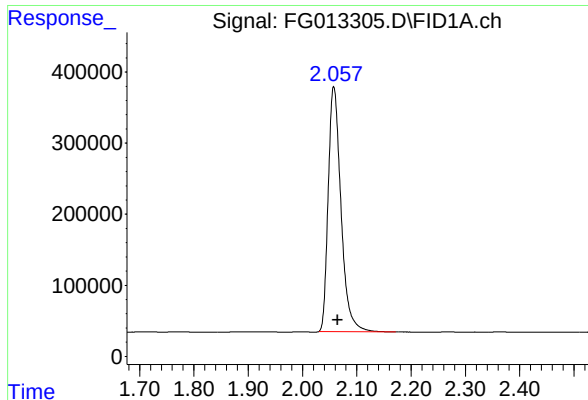
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: -0.007 min
Response: 5626684
Conc: 46.12 ug/ml

Instrument :

FID_G

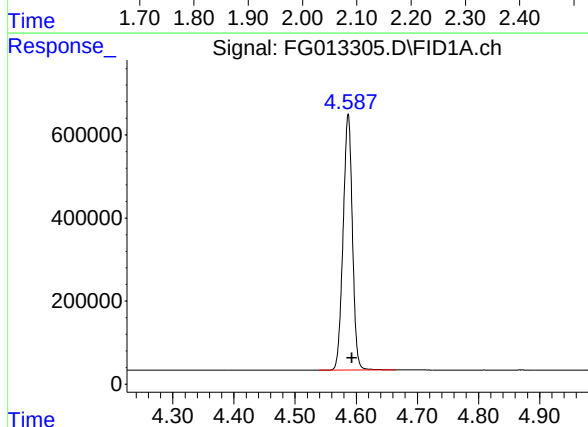
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

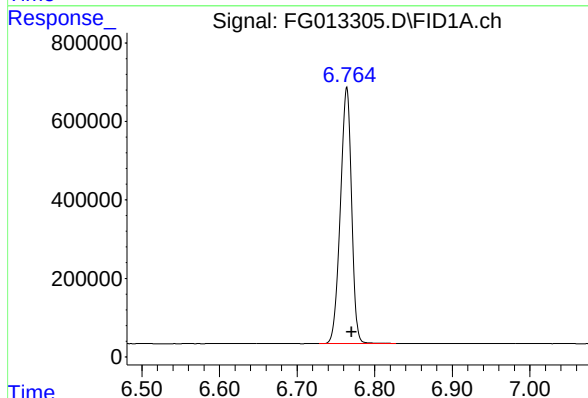
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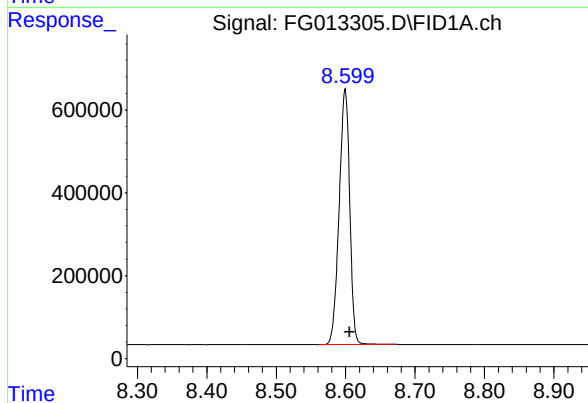
#2 N-DECANE

R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 6509320
Conc: 51.50 ug/ml



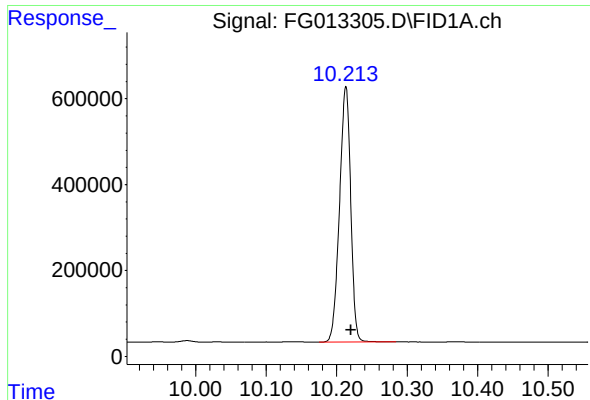
#3 N-DODECANE

R.T.: 6.764 min
Delta R.T.: -0.006 min
Response: 6586297
Conc: 52.44 ug/ml



#4 N-TETRADECANE

R.T.: 8.599 min
Delta R.T.: -0.007 min
Response: 6508212
Conc: 53.91 ug/ml



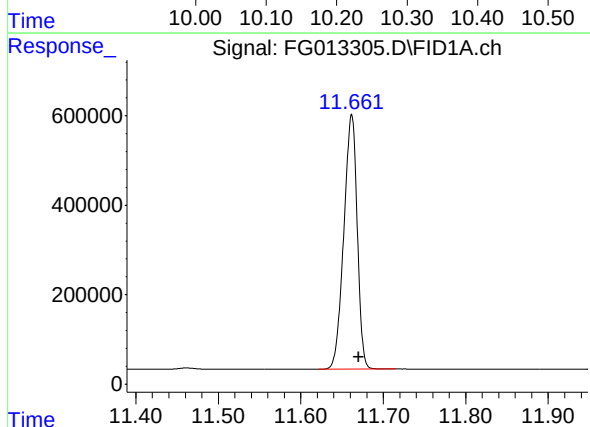
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.007 min
Response: 6553136
Conc: 53.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

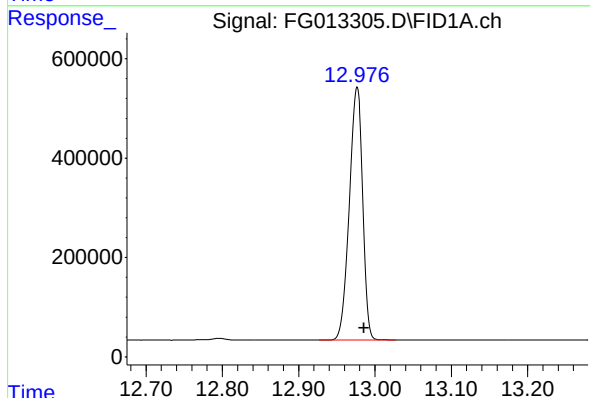
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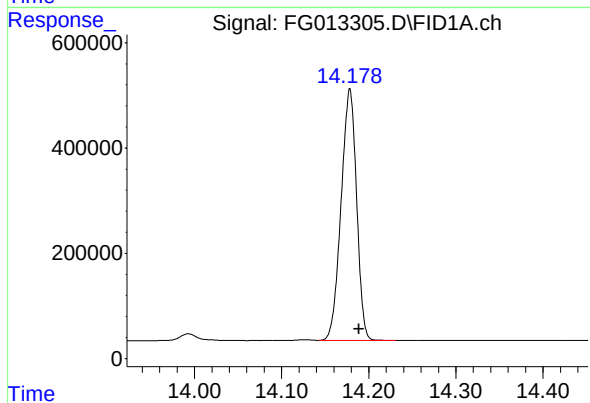
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.009 min
Response: 6423226
Conc: 53.45 ug/ml



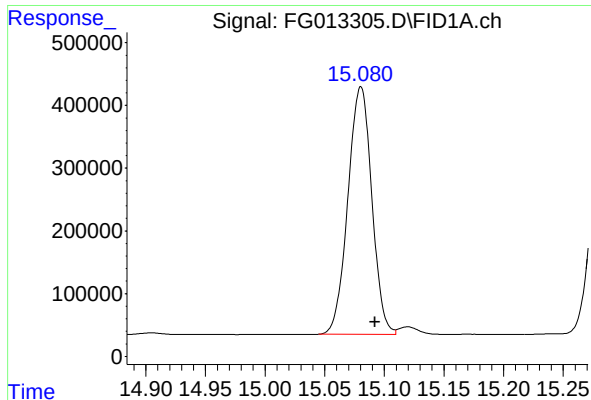
#7 N-EICOSANE

R.T.: 12.977 min
Delta R.T.: -0.009 min
Response: 6235653
Conc: 52.77 ug/ml



#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.011 min
Response: 5901943
Conc: 52.03 ug/ml



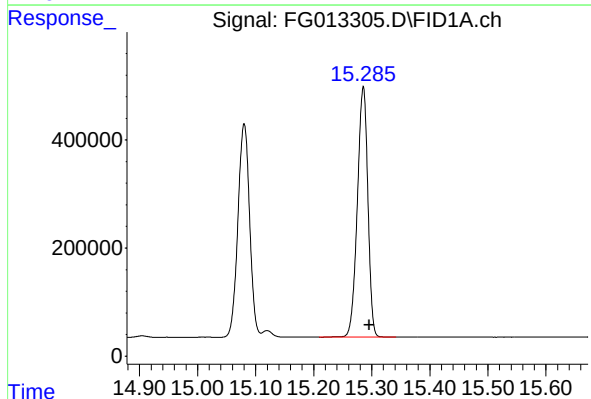
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.012 min
Response: 5503125
Conc: 51.26 ug/ml

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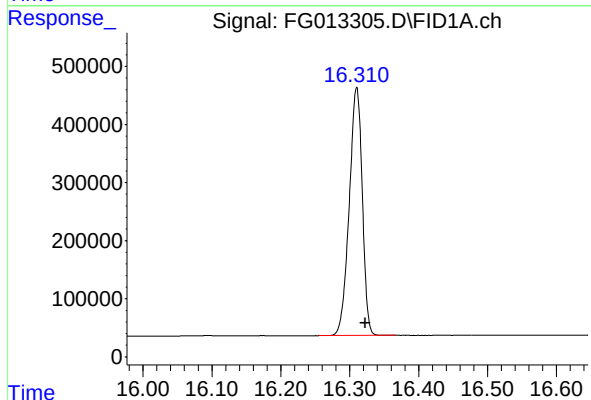
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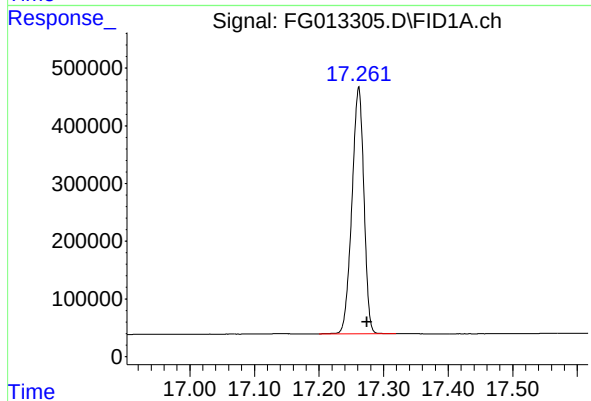
#10 N-TETRACOSANE

R.T.: 15.286 min
Delta R.T.: -0.010 min
Response: 5819566
Conc: 49.97 ug/ml



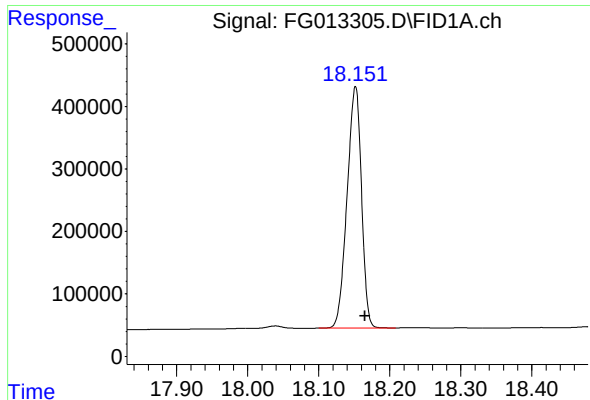
#11 N-HEXACOSANE

R.T.: 16.310 min
Delta R.T.: -0.013 min
Response: 5608618
Conc: 50.36 ug/ml



#12 N-OCTACOSANE

R.T.: 17.262 min
Delta R.T.: -0.013 min
Response: 5498466
Conc: 49.82 ug/ml



#13 N-TRIACONTANE

R.T.: 18.152 min
Delta R.T.: -0.013 min
Response: 5447508
Conc: 49.60 ug/ml

Instrument :

FID_G

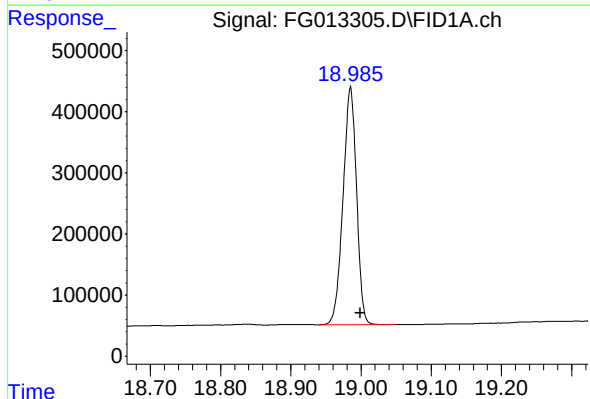
ClientSampleId :

50 PPM TRPH STD

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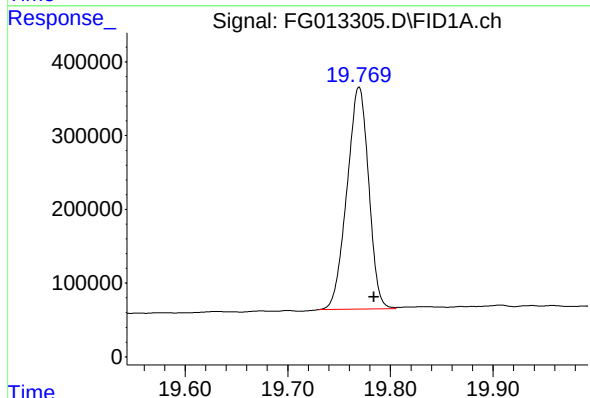
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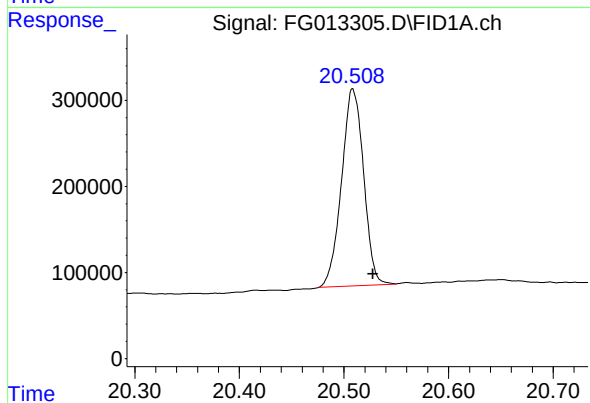
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: -0.014 min
Response: 5191546
Conc: 48.53 ug/ml



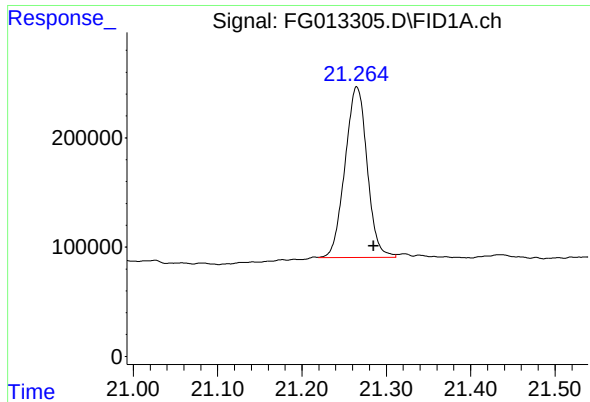
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: -0.015 min
Response: 4426949
Conc: 47.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min
Delta R.T.: -0.019 min
Response: 3350862
Conc: 43.21 ug/ml



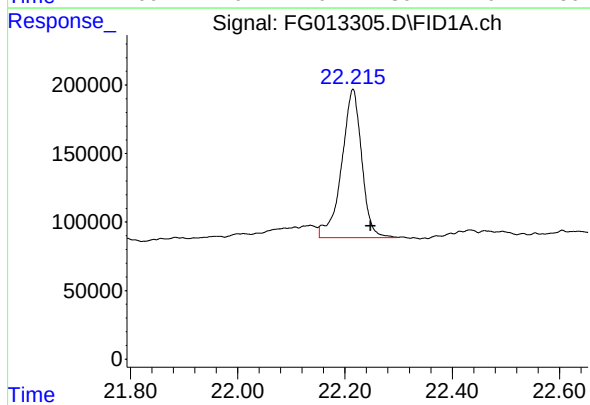
#17 N-OCTATRIACONTANE

R.T.: 21.264 min
Delta R.T.: -0.021 min
Response: 2845367
Conc: 41.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.215 min
Delta R.T.: -0.033 min
Response: 2805333
Conc: 38.71 ug/ml m