

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100324\
 Data File : FG014377.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2024 12:37
 Operator : YP\AJ
 Sample : PB163865BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB163865BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :Ankita Jodhani 10/04/2024

Integration File: autoint1.e
 Quant Time: Oct 04 01:53:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 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...	14.910	2064851	16.675 ug/ml
Target Compounds			
1) N-OCTANE	1.941	1747943	13.881 ug/ml
2) N-DECANE	4.433	2012024	17.081 ug/ml
3) N-DODECANE	6.606	2143736	18.319 ug/ml
4) N-TETRADECANE	8.440	2045319	16.843 ug/ml
5) N-HEXADECANE	10.051	2185591	17.170 ug/ml
6) N-OCTADECANE	11.496	2565272	19.192 ug/ml
7) N-EICOSANE	12.807	2579220	18.556 ug/ml
8) N-DOCOSANE	14.008	2624932	19.137 ug/ml
10) N-TETRACOSANE	15.113	2656982	19.274 ug/ml
11) N-HEXACOSANE	16.138	2634252	19.055 ug/ml
12) N-OCTACOSANE	17.090	2618439	19.108 ug/ml
13) N-TRIACONTANE	17.980	2506479	18.077 ug/ml
14) N-DOTRIACONTANE	18.815	2054163	15.069 ug/ml
15) N-TETRATRIACONTANE	19.602	1436291	10.913 ug/ml
16) N-HEXATRIACONTANE	20.344	994679	7.772 ug/mlm
17) N-OCTATRIACONTANE	21.077	837633	7.322 ug/ml
18) N-TETRACONTANE	21.977	1001912	9.333 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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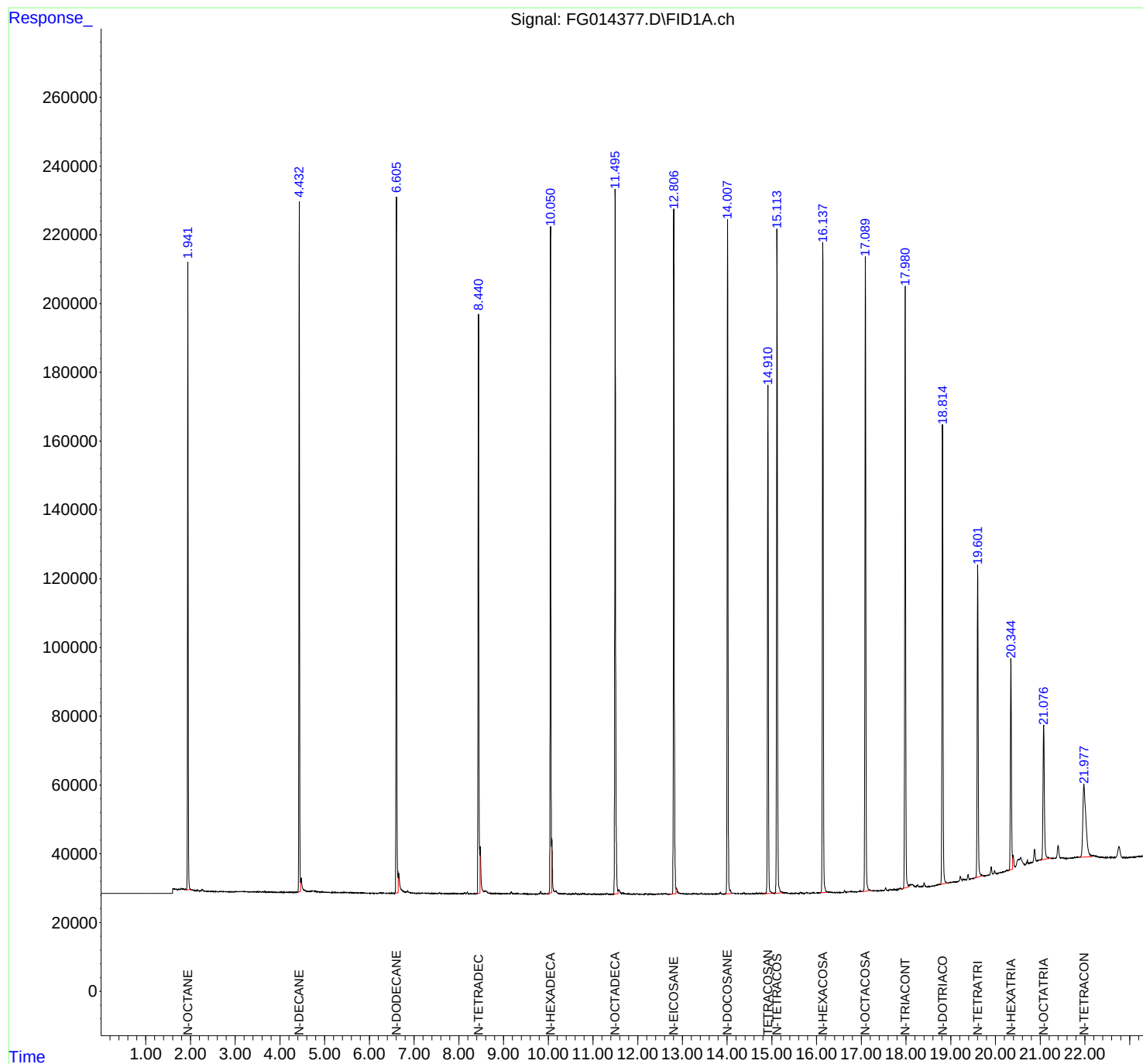
APPROVED

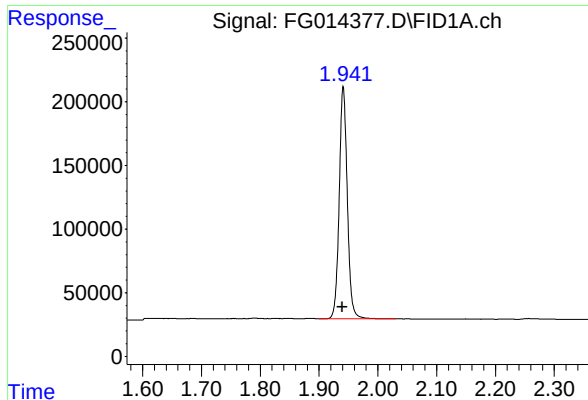
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#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.001 min
Response: 1747943
Conc: 13.88 ug/ml

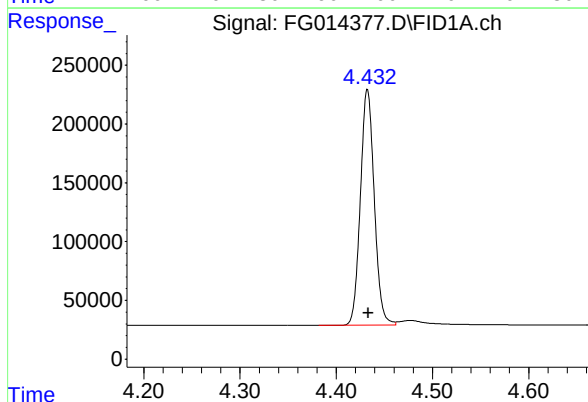
Instrument :

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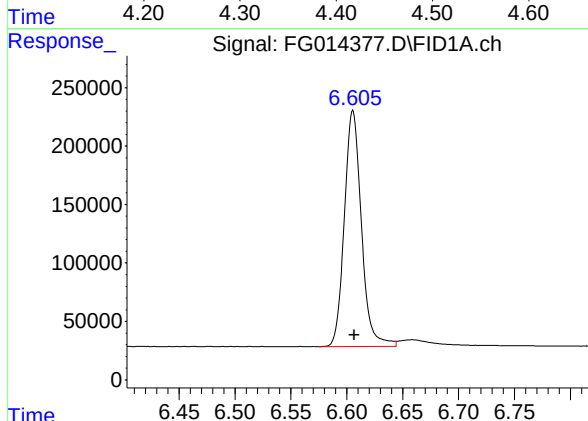
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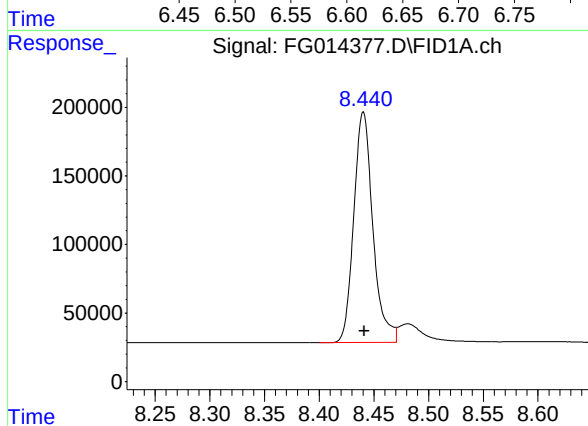
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 2012024
Conc: 17.08 ug/ml



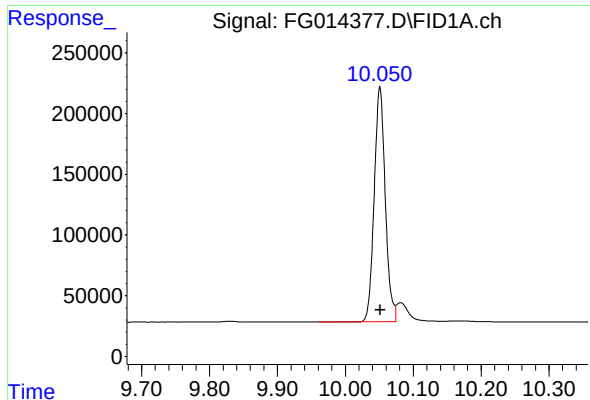
#3 N-DODECANE

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 2143736
Conc: 18.32 ug/ml



#4 N-TETRADECANE

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 2045319
Conc: 16.84 ug/ml



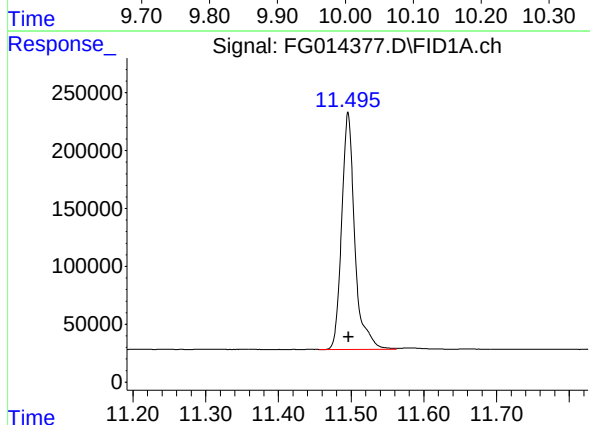
#5 N-HEXADECANE

R.T.: 10.051 min
Delta R.T.: 0.000 min
Response: 2185591
Conc: 17.17 ug/ml

Instrument :
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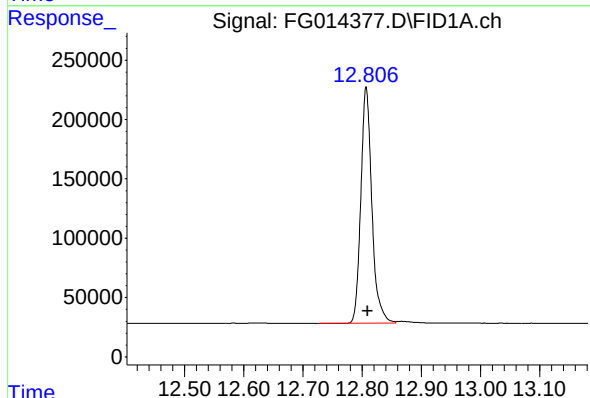
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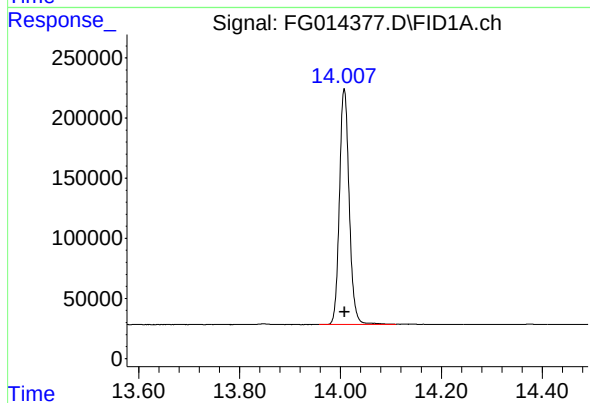
#6 N-OCTADECANE

R.T.: 11.496 min
Delta R.T.: 0.000 min
Response: 2565272
Conc: 19.19 ug/ml



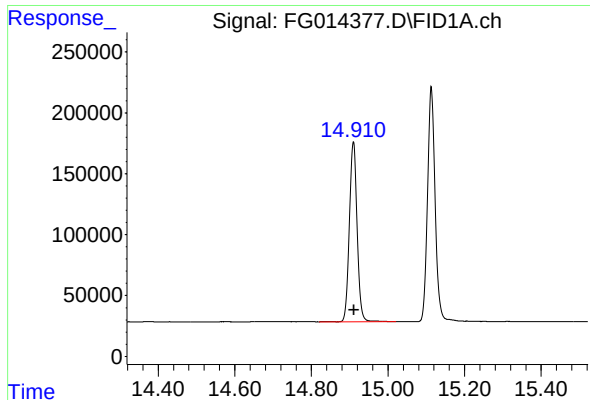
#7 N-EICOSANE

R.T.: 12.807 min
Delta R.T.: -0.003 min
Response: 2579220
Conc: 18.56 ug/ml



#8 N-DOCOSANE

R.T.: 14.008 min
Delta R.T.: 0.000 min
Response: 2624932
Conc: 19.14 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.910 min
Delta R.T.: 0.000 min
Response: 2064851
Conc: 16.68 ug/ml

Instrument :

FID_G

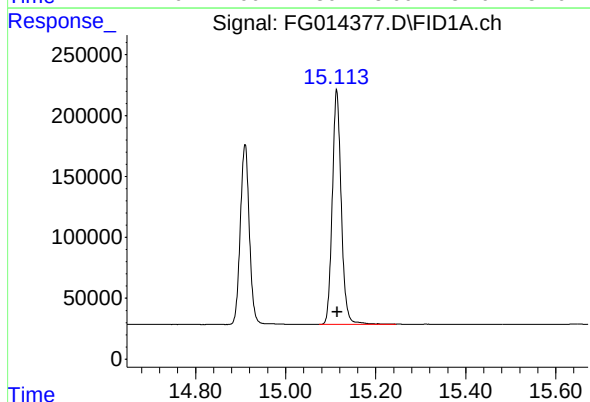
ClientSampleId :

PB163865BS

Manual Integrations

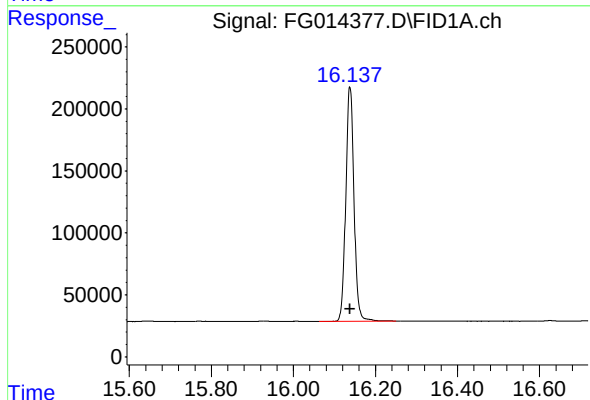
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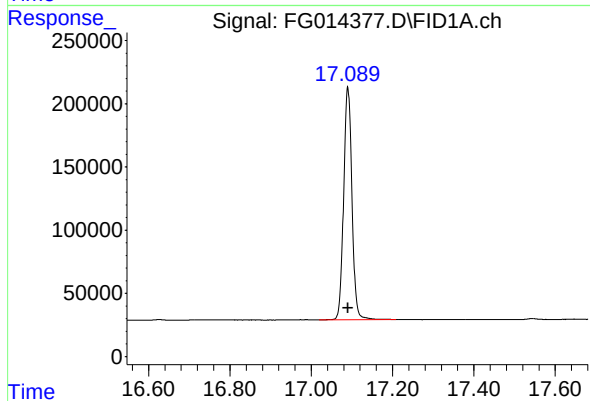
#10 N-TETRACOSANE

R.T.: 15.113 min
Delta R.T.: -0.001 min
Response: 2656982
Conc: 19.27 ug/ml



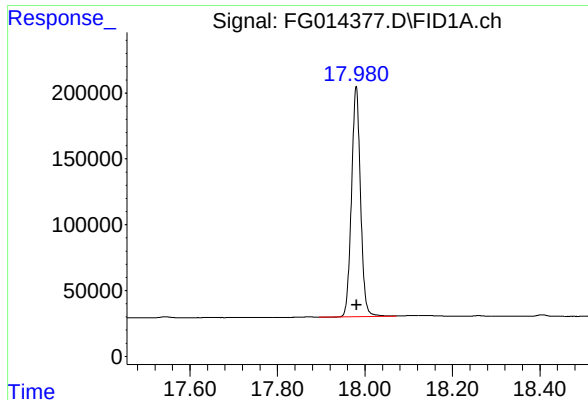
#11 N-HEXACOSANE

R.T.: 16.138 min
Delta R.T.: 0.000 min
Response: 2634252
Conc: 19.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.090 min
Delta R.T.: 0.000 min
Response: 2618439
Conc: 19.11 ug/ml



#13 N-TRIACONTANE

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 2506479
Conc: 18.08 ug/ml

Instrument :

FID_G

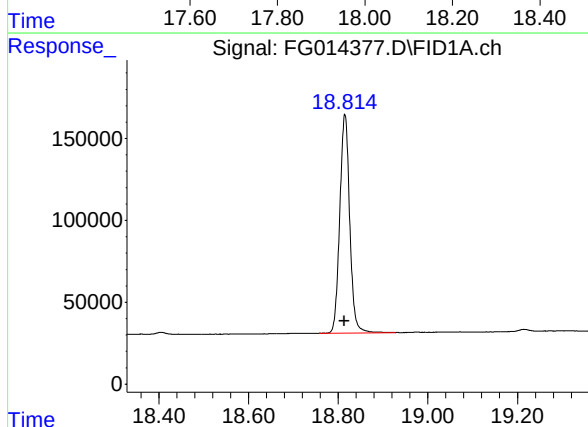
ClientSampleId :

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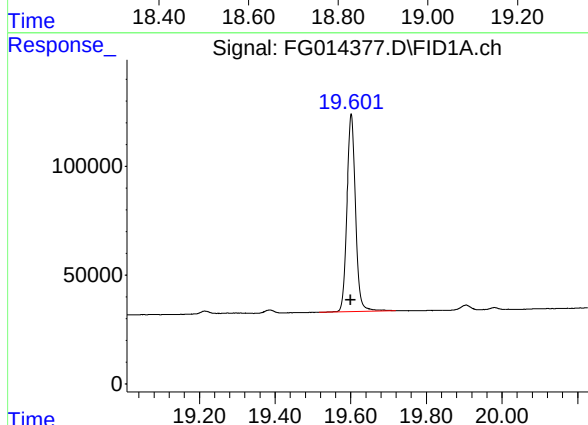
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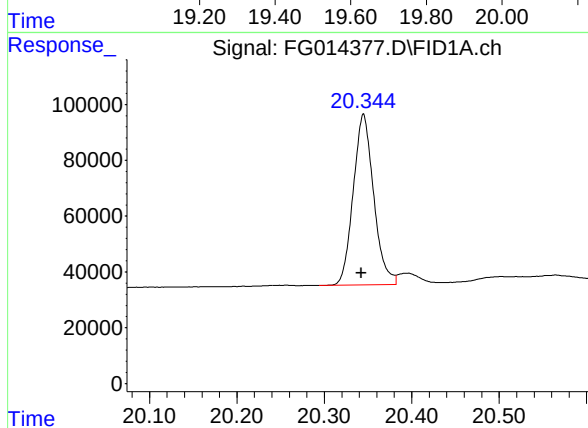
#14 N-DOTRIACONTANE

R.T.: 18.815 min
Delta R.T.: 0.001 min
Response: 2054163
Conc: 15.07 ug/ml



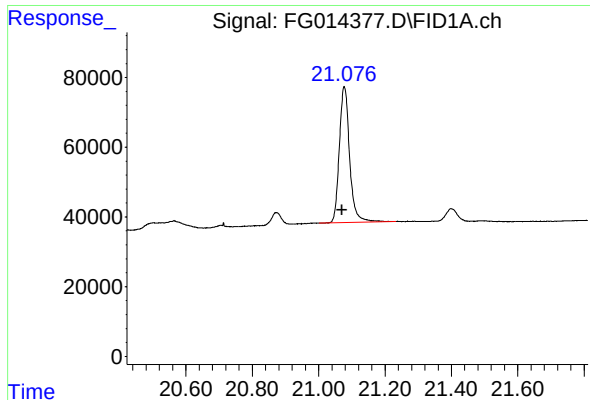
#15 N-TETRATRIACONTANE

R.T.: 19.602 min
Delta R.T.: 0.001 min
Response: 1436291
Conc: 10.91 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.344 min
Delta R.T.: 0.002 min
Response: 994679
Conc: 7.77 ug/ml m



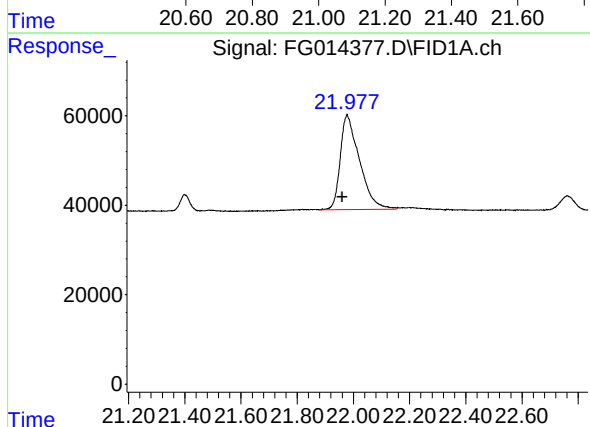
#17 N-OCTATRIACONTANE

R.T.: 21.077 min
Delta R.T.: 0.006 min
Response: 837633
Conc: 7.32 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.977 min
Delta R.T.: 0.016 min
Response: 1001912
Conc: 9.33 ug/ml m