

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224\
 Data File : FG014049.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 19:30
 Operator : YP\AJ
 Sample : P3441-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-02-08012024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 01:43:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.948	1285593	10.628 ug/ml
Target Compounds			
1) N-OCTANE	1.963	1818848	15.116 ug/ml
2) N-DECANE	4.469	2322235	18.626 ug/ml
3) N-DODECANE	6.641	2474332	18.752 ug/ml
4) N-TETRADECANE	8.473	2461901	18.829 ug/ml
5) N-HEXADECANE	10.084	2512048	18.848 ug/ml
6) N-OCTADECANE	11.531	2615723	19.141 ug/ml
7) N-EICOSANE	12.843	2597369	19.434 ug/ml
8) N-DOCOSANE	14.046	2568656	19.513 ug/ml
10) N-TETRACOSANE	15.152	2498206	19.139 ug/ml
11) N-HEXACOSANE	16.177	2472693	19.251 ug/ml
12) N-OCTACOSANE	17.128	2665891	21.019 ug/ml
13) N-TRIACONTANE	18.020	2635992	20.955 ug/mlm
14) N-DOTRIACONTANE	18.854	2634411	21.591 ug/mlm
15) N-TETRATRIACONTANE	19.642	2333562	23.185 ug/mlm
16) N-HEXATRIACONTANE	20.385	1874650	22.436 ug/mlm
17) N-OCTATRIACONTANE	21.117	1837605	24.638 ug/mlm
18) N-TETRACONTANE	22.015	1783671	25.738 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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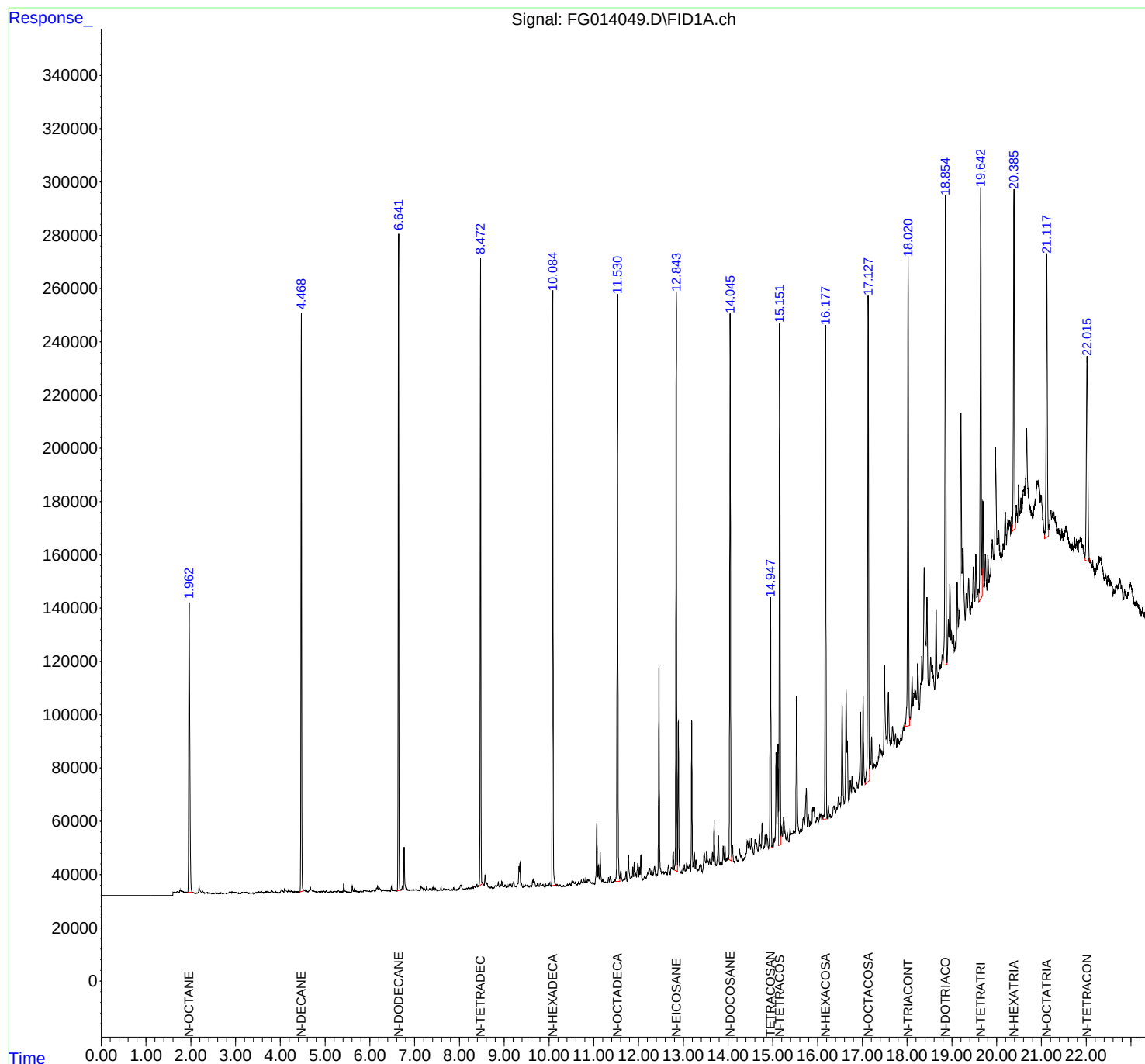
APPROVED

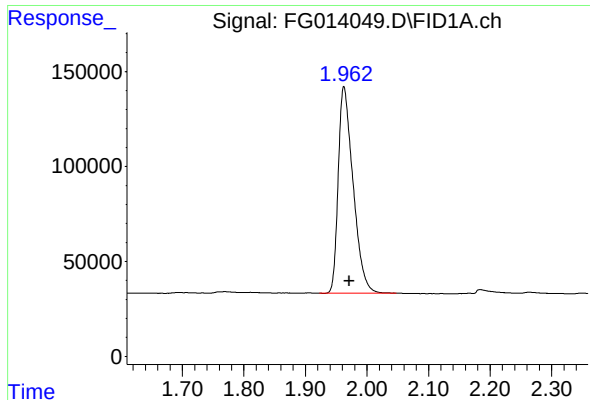
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.963 min
Delta R.T.: -0.008 min
Response: 1818848
Conc: 15.12 ug/ml

Instrument :

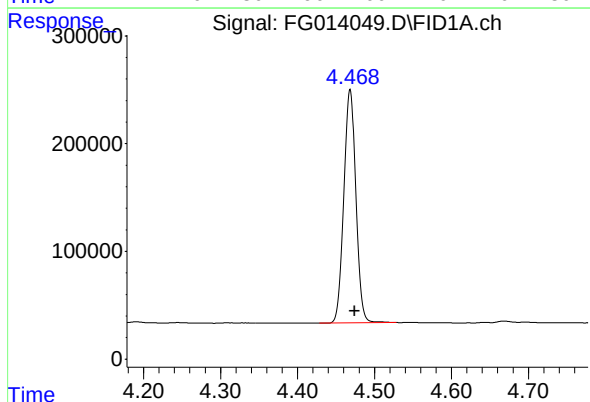
FID_G

ClientSampleId :

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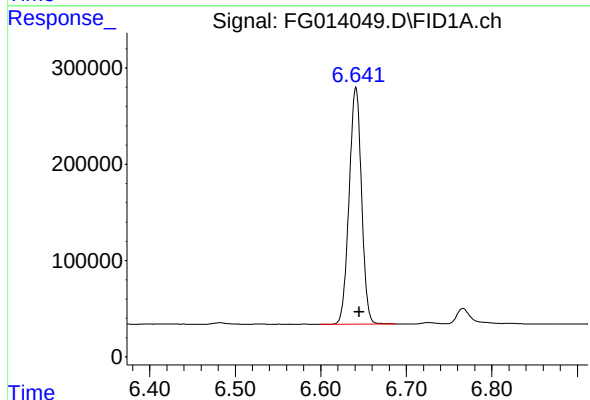
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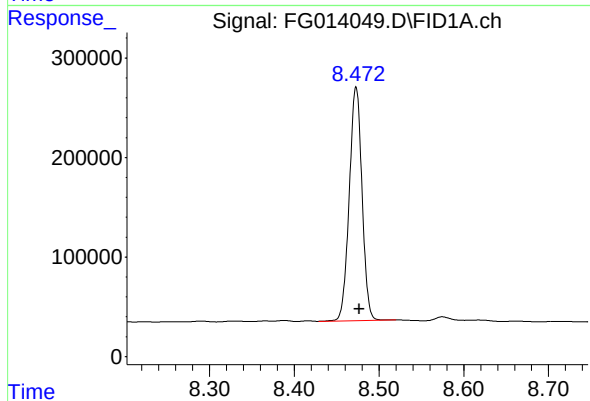
#2 N-DECANE

R.T.: 4.469 min
Delta R.T.: -0.006 min
Response: 2322235
Conc: 18.63 ug/ml



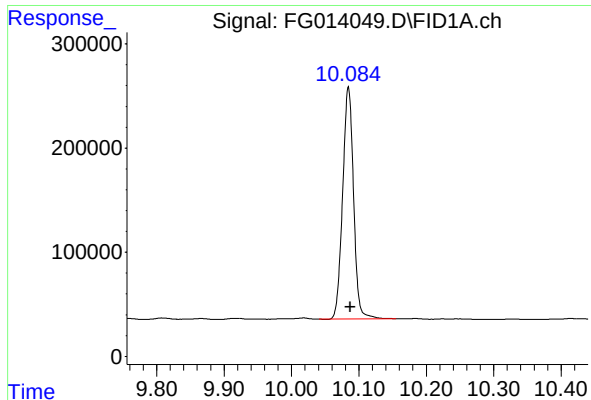
#3 N-DODECANE

R.T.: 6.641 min
Delta R.T.: -0.004 min
Response: 2474332
Conc: 18.75 ug/ml



#4 N-TETRADECANE

R.T.: 8.473 min
Delta R.T.: -0.004 min
Response: 2461901
Conc: 18.83 ug/ml



#5 N-HEXADECANE

R.T.: 10.084 min
Delta R.T.: -0.003 min
Response: 2512048
Conc: 18.85 ug/ml

Instrument :

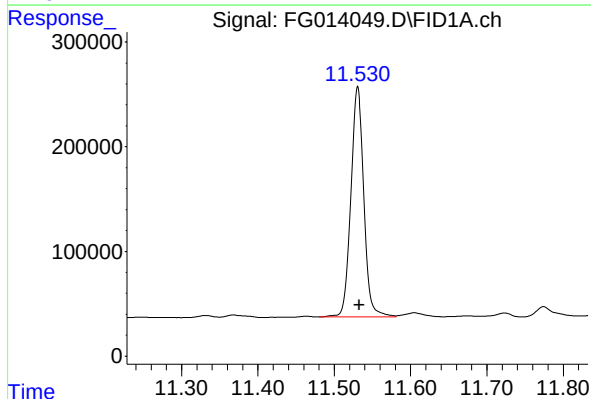
FID_G

ClientSampleId :

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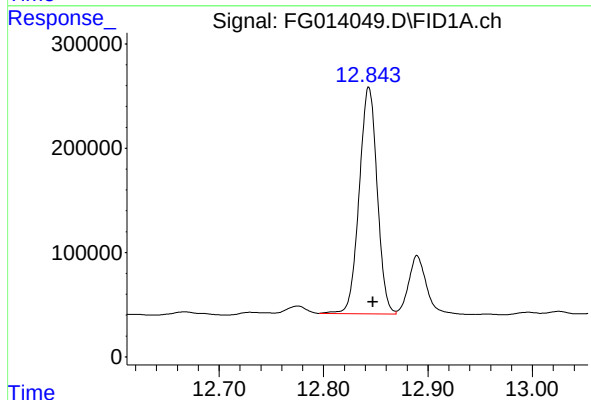
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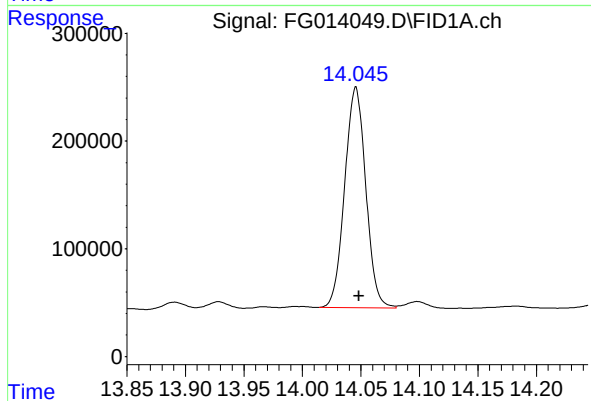
#6 N-OCTADECANE

R.T.: 11.531 min
Delta R.T.: -0.003 min
Response: 2615723
Conc: 19.14 ug/ml



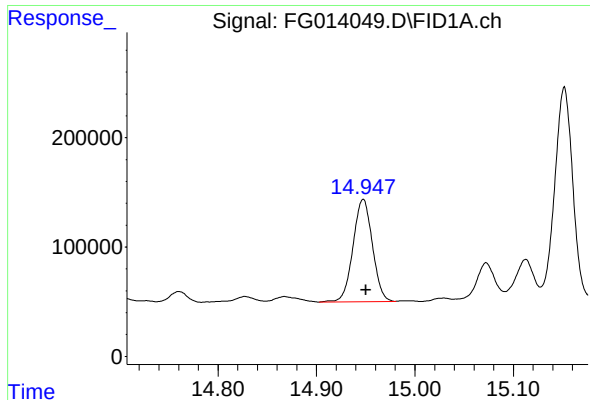
#7 N-EICOSANE

R.T.: 12.843 min
Delta R.T.: -0.004 min
Response: 2597369
Conc: 19.43 ug/ml



#8 N-DOCOSANE

R.T.: 14.046 min
Delta R.T.: -0.003 min
Response: 2568656
Conc: 19.51 ug/ml



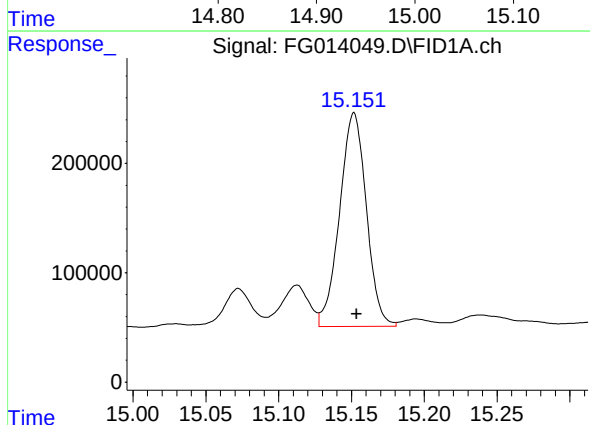
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.948 min
Delta R.T.: -0.003 min
Response: 1285593
Conc: 10.63 ug/ml

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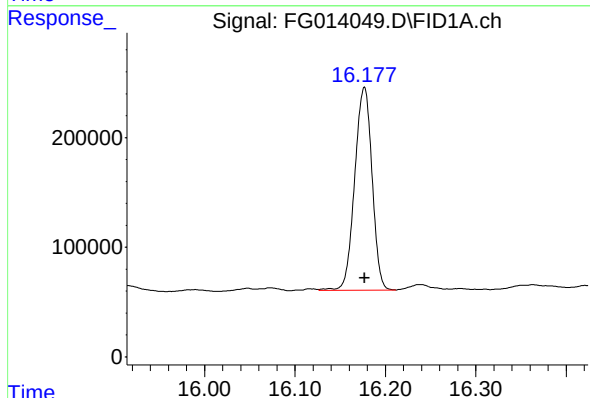
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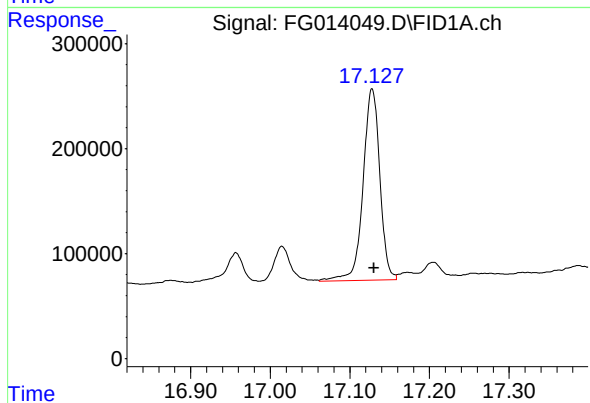
#10 N-TETRACOSANE

R.T.: 15.152 min
Delta R.T.: -0.002 min
Response: 2498206
Conc: 19.14 ug/ml



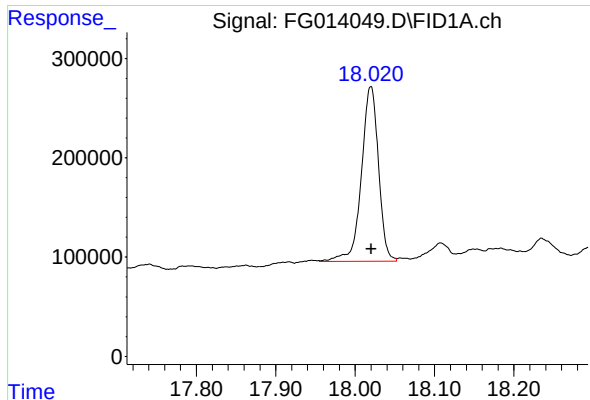
#11 N-HEXACOSANE

R.T.: 16.177 min
Delta R.T.: 0.000 min
Response: 2472693
Conc: 19.25 ug/ml



#12 N-OCTACOSANE

R.T.: 17.128 min
Delta R.T.: -0.002 min
Response: 2665891
Conc: 21.02 ug/ml



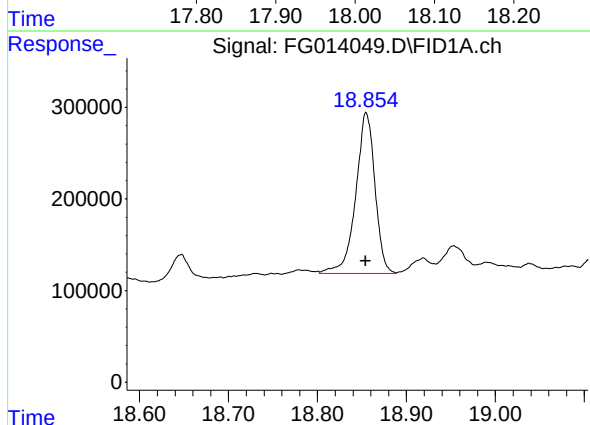
#13 N-TRIACONTANE

R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 2635992
Conc: 20.96 ug/ml

Instrument :
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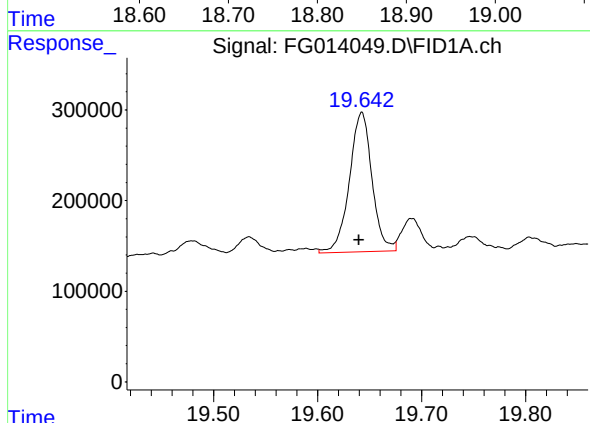
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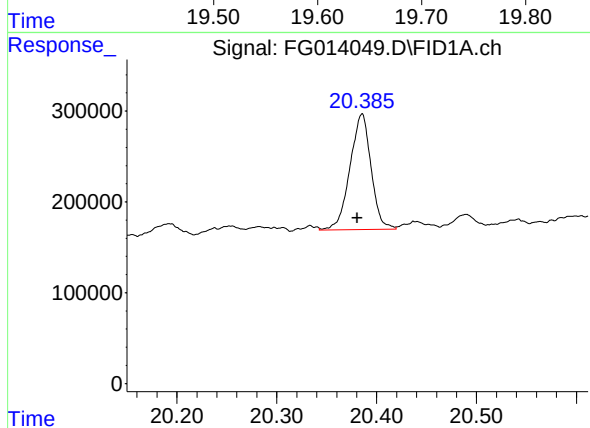
#14 N-DOTRIACONTANE

R.T.: 18.854 min
Delta R.T.: 0.000 min
Response: 2634411
Conc: 21.59 ug/ml m



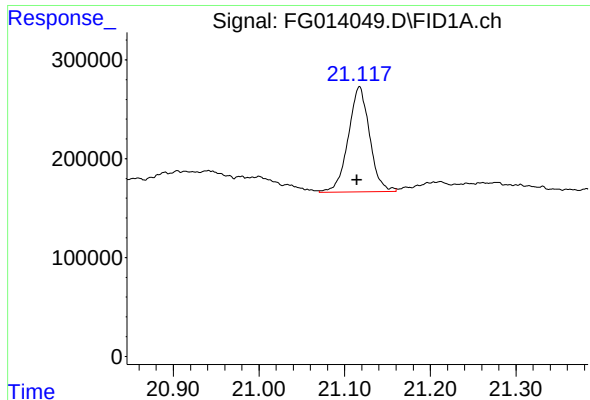
#15 N-TETRATRIACONTANE

R.T.: 19.642 min
Delta R.T.: 0.003 min
Response: 2333562
Conc: 23.18 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.385 min
Delta R.T.: 0.005 min
Response: 1874650
Conc: 22.44 ug/ml m



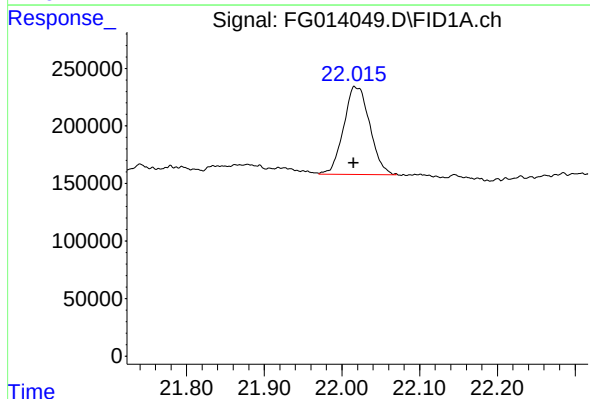
#17 N-OCTATRIACONTANE

R.T.: 21.117 min
Delta R.T.: 0.003 min
Response: 1837605
Conc: 24.64 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.015 min
Delta R.T.: 0.000 min
Response: 1783671
Conc: 25.74 ug/ml m