

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082523\
 Data File : FG012780.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2023 17:22
 Operator : YP\AJ
 Sample : 04147-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SB-05(46-47)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :Ankita Jodhani 08/28/2023

Integration File: autoint1.e
 Quant Time: Aug 25 21:35:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.082	1138092	10.174 ug/ml
Target Compounds			
1) N-OCTANE	2.078	1587772	12.896 ug/ml
2) N-DECANE	4.599	1905267	14.998 ug/ml
3) N-DODECANE	6.771	1995171	15.533 ug/ml
4) N-TETRADECANE	8.604	2053779	15.943 ug/ml
5) N-HEXADECANE	10.217	2145669	16.539 ug/ml
6) N-OCTADECANE	11.664	2089173	15.929 ug/ml
7) N-EICOSANE	12.978	2075007	16.133 ug/ml
8) N-DOCOSANE	14.180	2026655	16.024 ug/ml
10) N-TETRACOSANE	15.286	2038225	16.117 ug/ml
11) N-HEXACOSANE	16.309	1945494	15.542 ug/ml
12) N-OCTACOSANE	17.260	1906770	15.514 ug/mlm
13) N-TRIACONTANE	18.148	2046259	17.278 ug/mlm
14) N-DOTRIACONTANE	18.983	1772915	15.787 ug/mlm
15) N-TETRATRIACONTANE	19.766	1808712	19.095 ug/mlm
16) N-HEXATRIACONTANE	20.503	2244351	27.657 ug/mlm
17) N-OCTATRIACONTANE	21.263	1301012	18.016 ug/mlm
18) N-TETRACONTANE	22.211	1417672	20.346 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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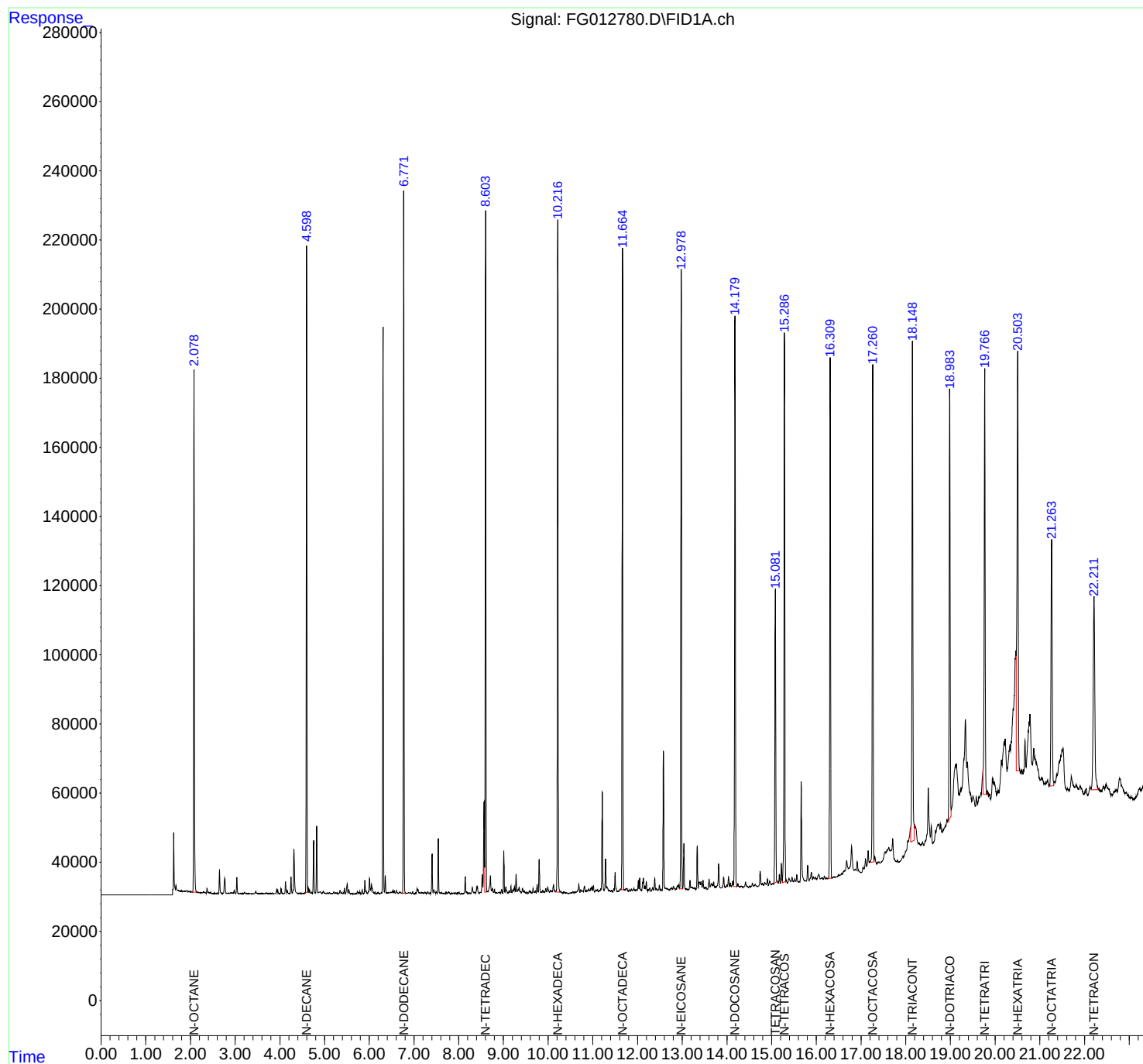
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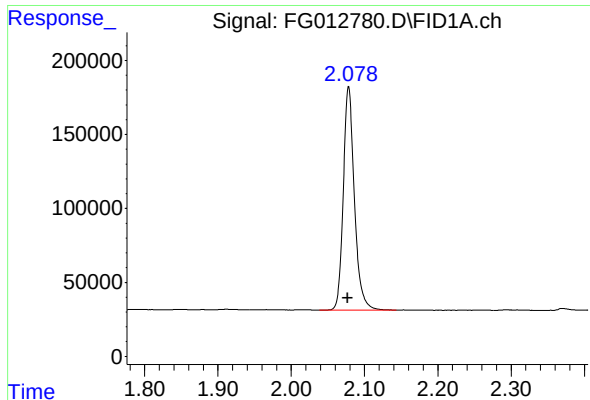
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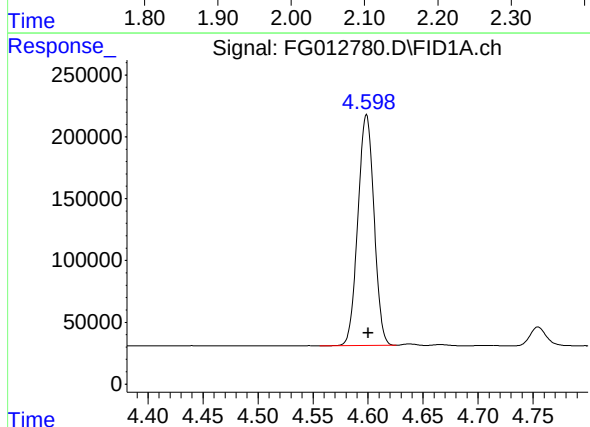
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.001 min
Response: 1587772
Conc: 12.90 ug/ml

Instrument :
FID_G
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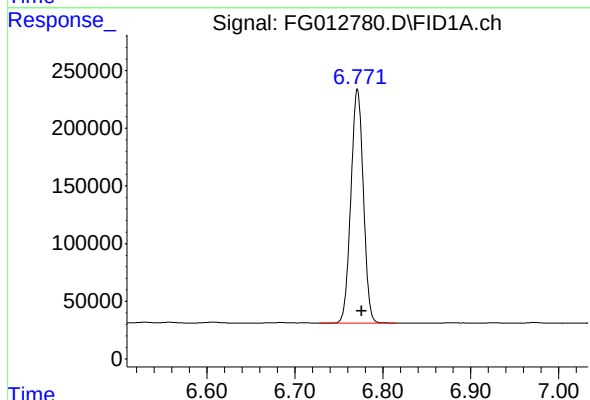
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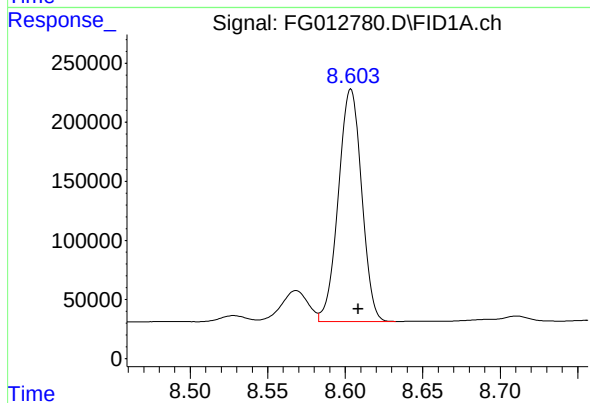
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 1905267
Conc: 15.00 ug/ml



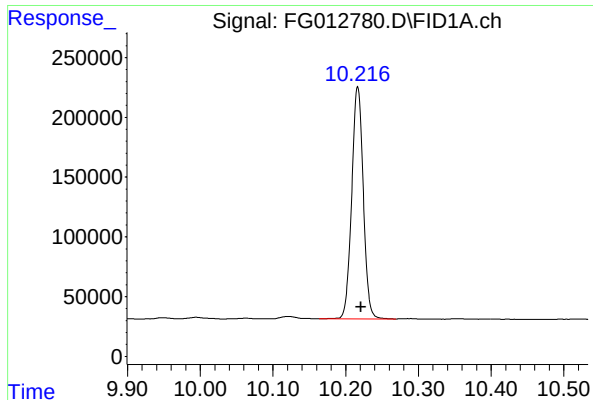
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 1995171
Conc: 15.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 2053779
Conc: 15.94 ug/ml



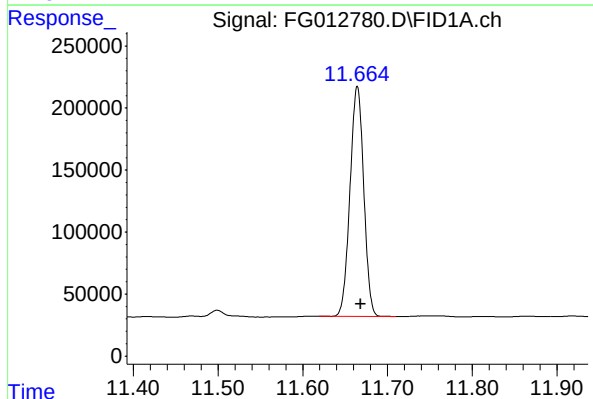
#5 N-HEXADECANE

R.T.: 10.217 min
Delta R.T.: -0.004 min
Response: 2145669
Conc: 16.54 ug/ml

Instrument :
FID_G
ClientSampleId :
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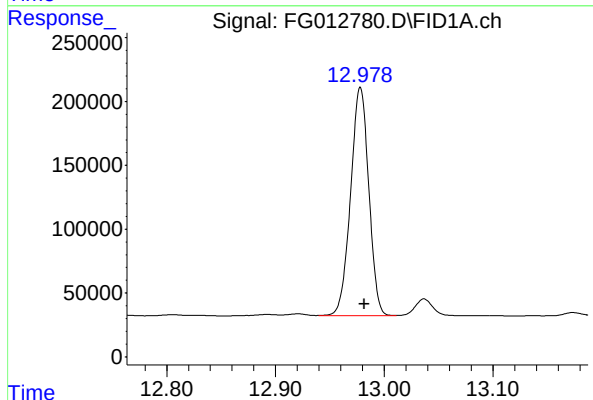
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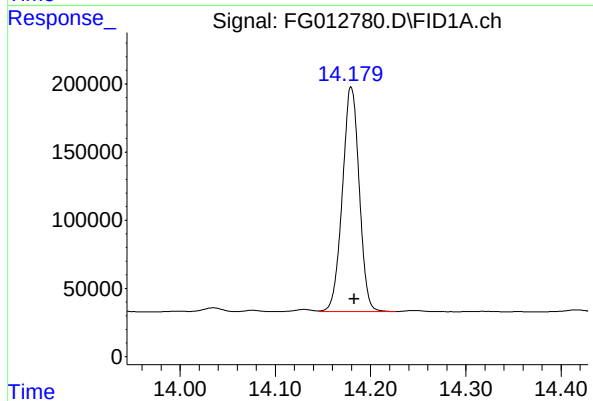
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: -0.004 min
Response: 2089173
Conc: 15.93 ug/ml



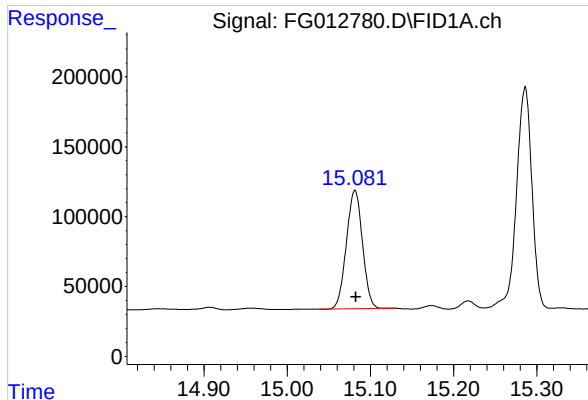
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: -0.004 min
Response: 2075007
Conc: 16.13 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min
Delta R.T.: -0.003 min
Response: 2026655
Conc: 16.02 ug/ml



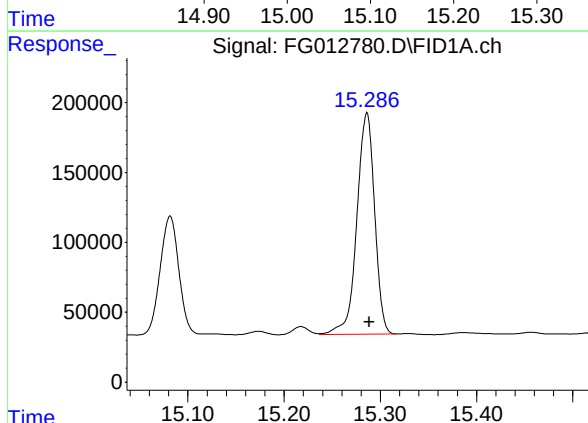
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.082 min
Delta R.T.: -0.001 min
Response: 1138092
Conc: 10.17 ug/ml

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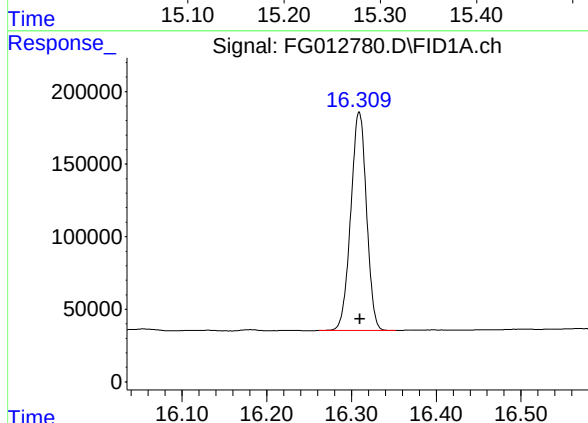
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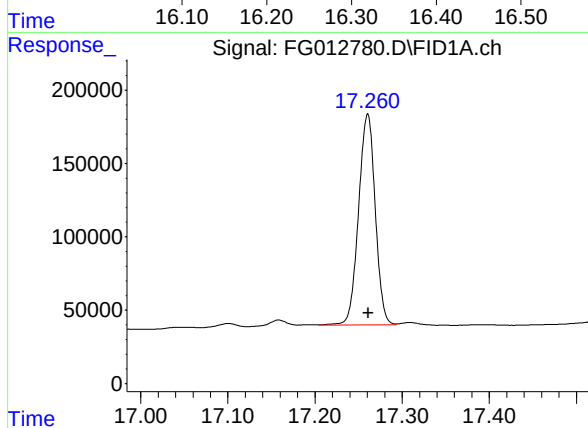
#10 N-TETRACOSANE

R.T.: 15.286 min
Delta R.T.: -0.002 min
Response: 2038225
Conc: 16.12 ug/ml



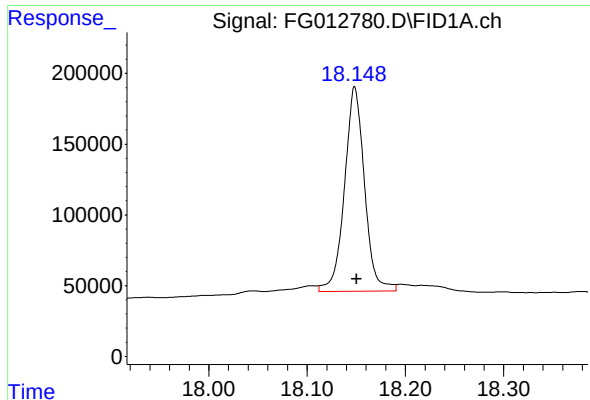
#11 N-HEXACOSANE

R.T.: 16.309 min
Delta R.T.: 0.000 min
Response: 1945494
Conc: 15.54 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 1906770
Conc: 15.51 ug/ml m



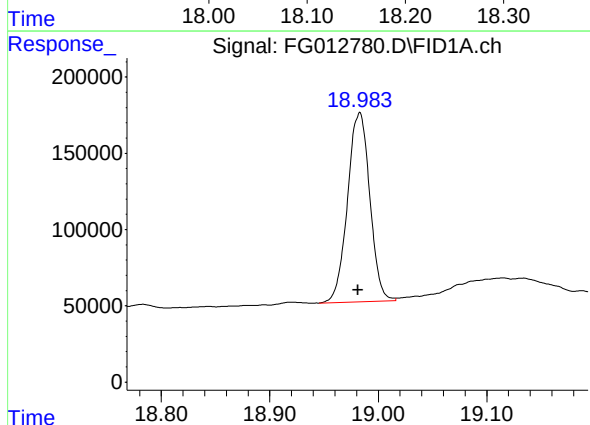
#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: -0.002 min
Response: 2046259
Conc: 17.28 ug/ml

Instrument :
FID_G
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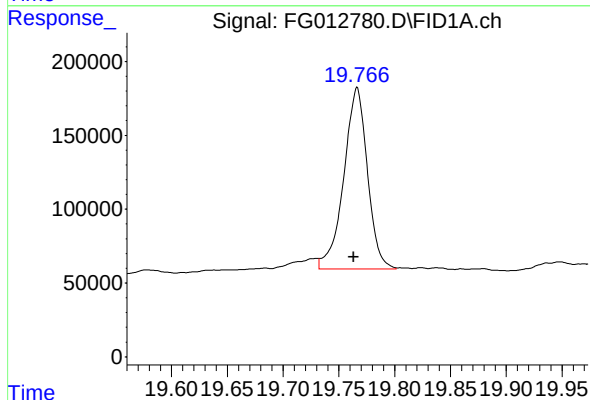
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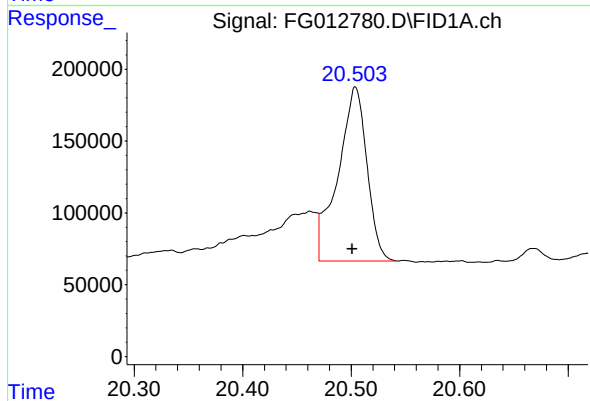
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: 0.001 min
Response: 1772915
Conc: 15.79 ug/ml m



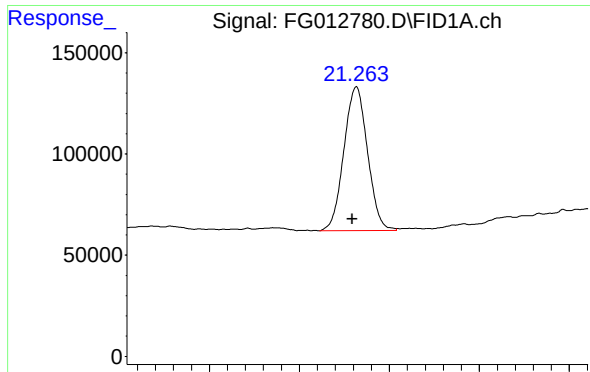
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: 0.003 min
Response: 1808712
Conc: 19.09 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: 0.002 min
Response: 2244351
Conc: 27.66 ug/ml m



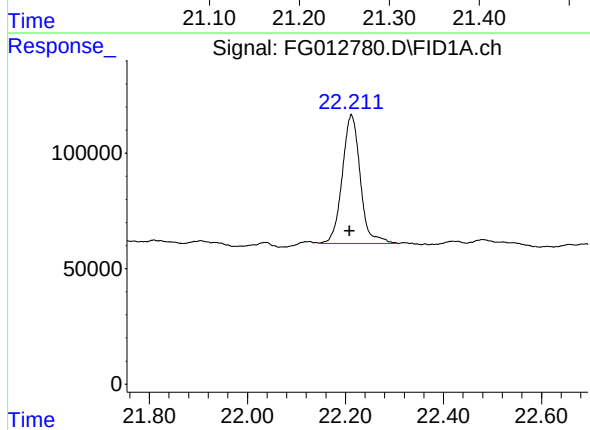
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: 0.004 min
Response: 1301012
Conc: 18.02 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.211 min
Delta R.T.: 0.003 min
Response: 1417672
Conc: 20.35 ug/ml m