

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040425\
 Data File : FG015645.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2025 14:13
 Operator : YP\AJ
 Sample : Q1721-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-040325MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e
 Quant Time: Apr 04 22:59:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.019	1473276	12.860 ug/ml
Target Compounds			
1) N-OCTANE	1.984	1075633	9.254 ug/ml
2) N-DECANE	4.516	1802045	15.254 ug/ml
3) N-DODECANE	6.699	2254646	18.568 ug/ml
4) N-TETRADECANE	8.535	2722759	21.592 ug/ml
5) N-HEXADECANE	10.150	2941571	22.846 ug/ml
6) N-OCTADECANE	11.599	2968793	22.535 ug/ml
7) N-EICOSANE	12.914	2801094	20.919 ug/ml
8) N-DOCOSANE	14.117	2637041	20.293 ug/ml
10) N-TETRACOSANE	15.224	2850706	22.009 ug/ml
11) N-HEXACOSANE	16.248	2522442	19.819 ug/ml
12) N-OCTACOSANE	17.203	2656472	21.251 ug/ml
13) N-TRIACONTANE	18.094	2716998	21.706 ug/ml
14) N-DOTRIACONTANE	18.930	2340246	19.719 ug/ml
15) N-TETRATRIACONTANE	19.715	1428063	13.682 ug/mlm
16) N-HEXATRIACONTANE	20.459	1367431	15.602 ug/ml
17) N-OCTATRIACONTANE	21.203	1092207	14.635 ug/ml
18) N-TETRACONTANE	22.135	937152	14.148 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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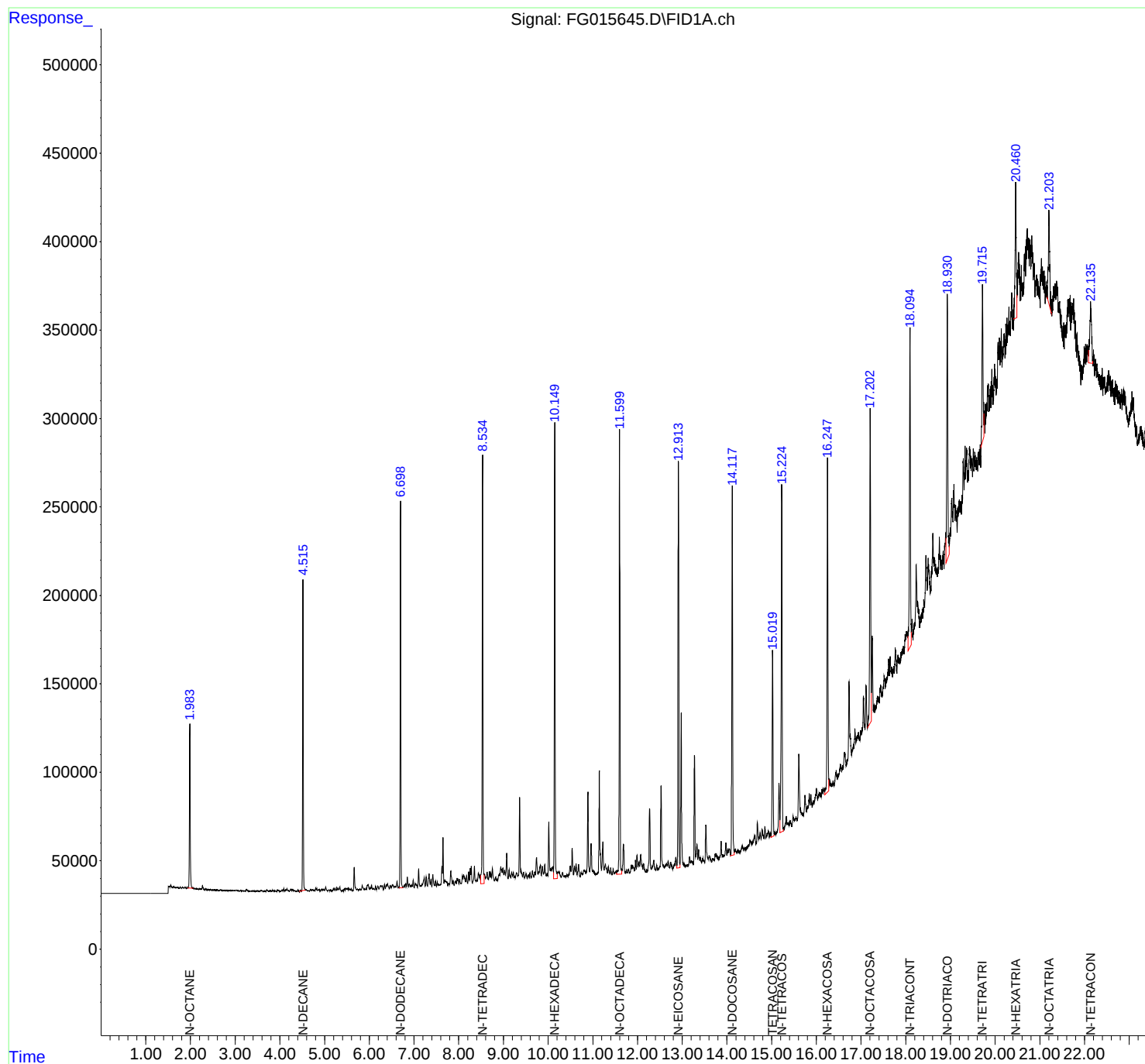
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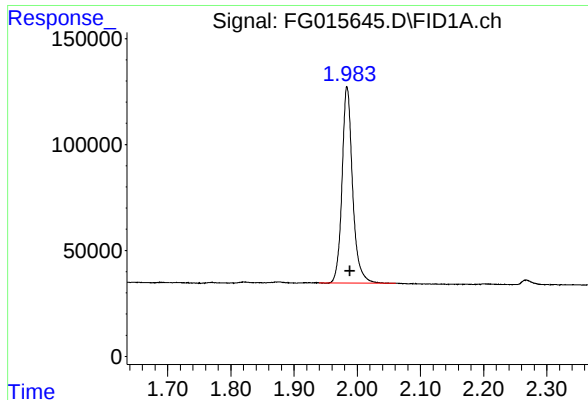
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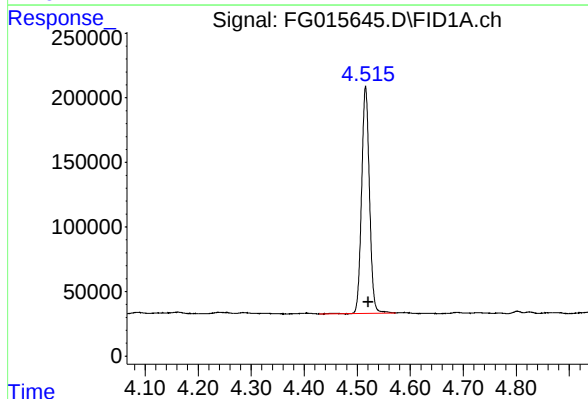
#1 N-OCTANE

R.T.: 1.984 min
Delta R.T.: -0.005 min
Response: 1075633
Conc: 9.25 ug/ml

Instrument :
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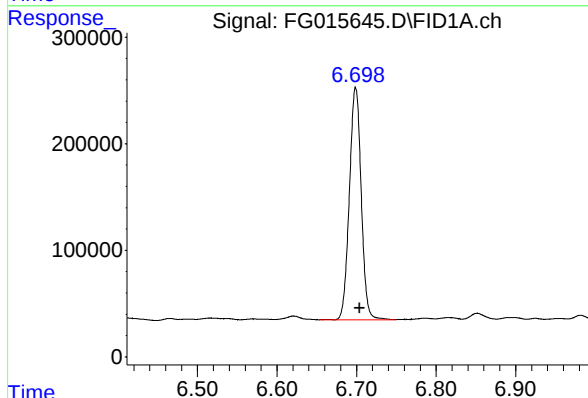
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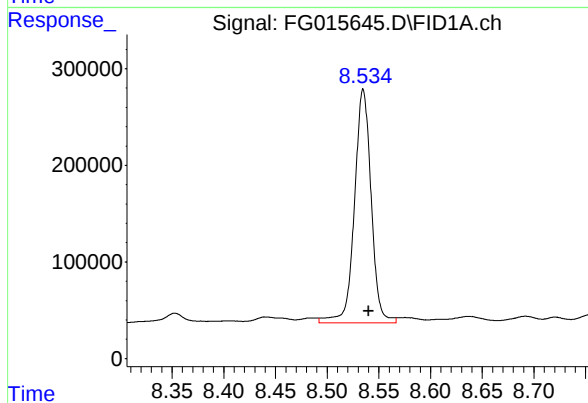
#2 N-DECANE

R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 1802045
Conc: 15.25 ug/ml



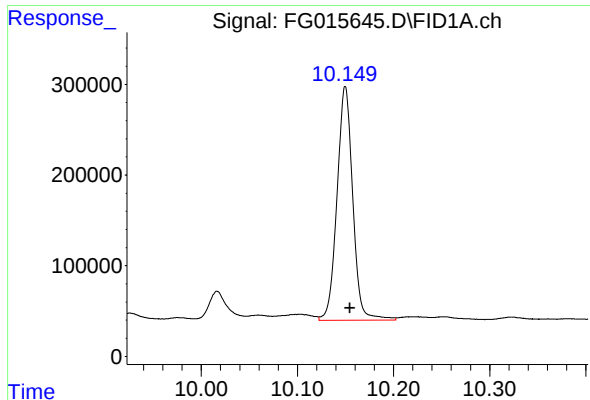
#3 N-DODECANE

R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 2254646
Conc: 18.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.535 min
Delta R.T.: -0.005 min
Response: 2722759
Conc: 21.59 ug/ml



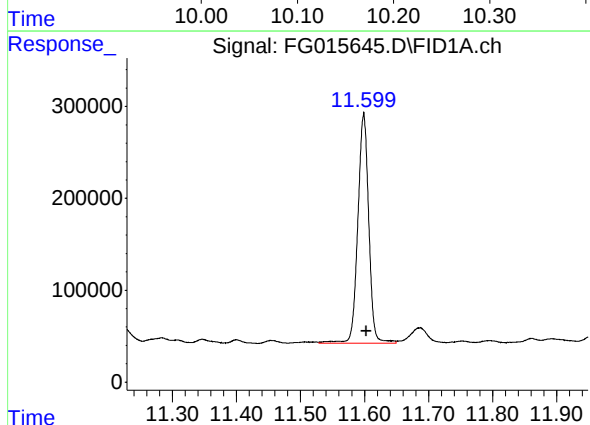
#5 N-HEXADECANE

R.T.: 10.150 min
Delta R.T.: -0.005 min
Response: 2941571
Conc: 22.85 ug/ml

Instrument :
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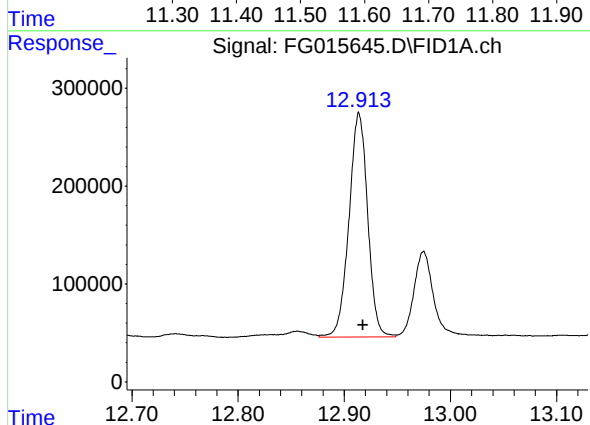
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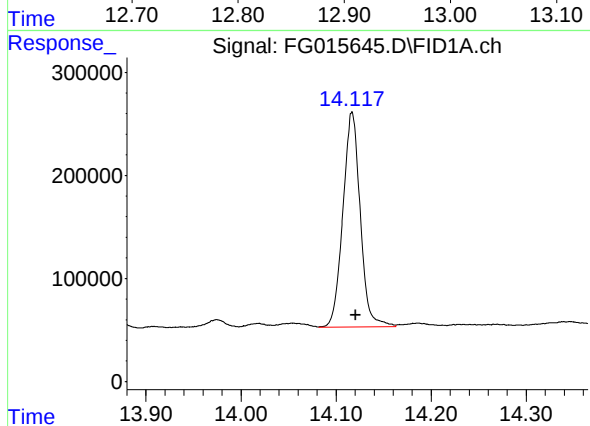
#6 N-OCTADECANE

R.T.: 11.599 min
Delta R.T.: -0.004 min
Response: 2968793
Conc: 22.54 ug/ml



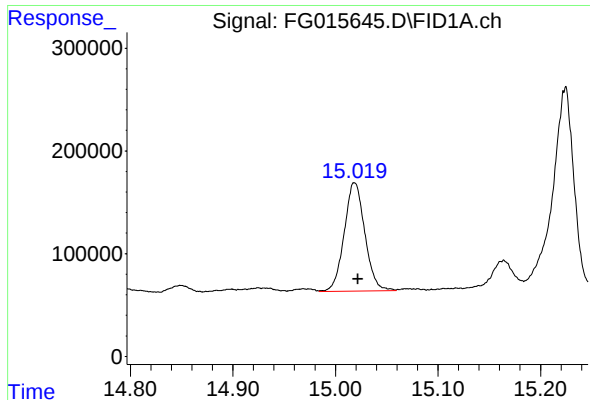
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.004 min
Response: 2801094
Conc: 20.92 ug/ml



#8 N-DOCOSANE

R.T.: 14.117 min
Delta R.T.: -0.003 min
Response: 2637041
Conc: 20.29 ug/ml



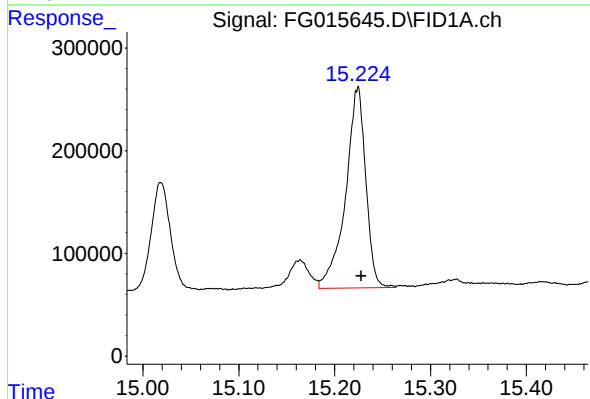
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.019 min
Delta R.T.: -0.004 min
Response: 1473276
Conc: 12.86 ug/ml

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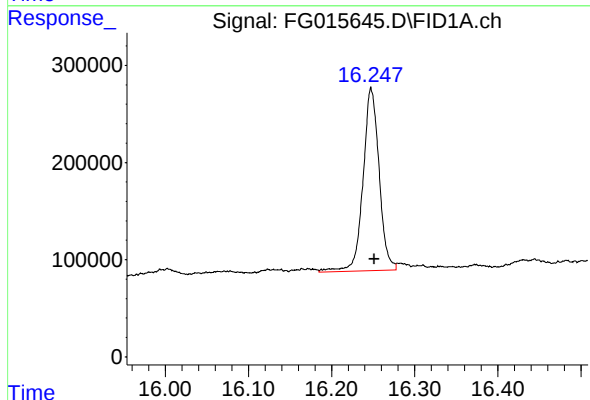
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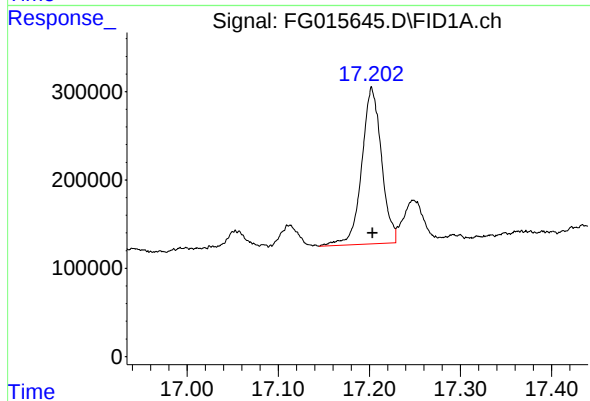
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: -0.004 min
Response: 2850706
Conc: 22.01 ug/ml



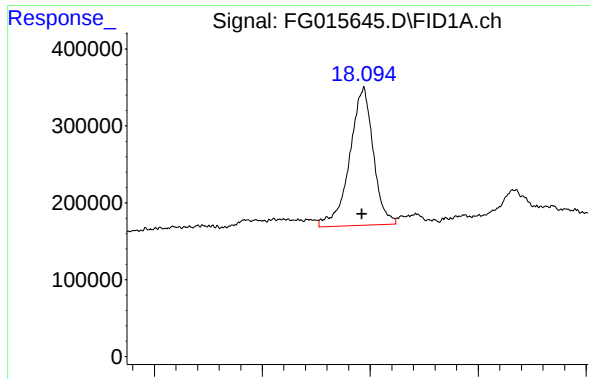
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: -0.004 min
Response: 2522442
Conc: 19.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.203 min
Delta R.T.: 0.000 min
Response: 2656472
Conc: 21.25 ug/ml



#13 N-TRIACONTANE

R.T.: 18.094 min
Delta R.T.: 0.001 min
Response: 2716998
Conc: 21.71 ug/ml

Instrument :

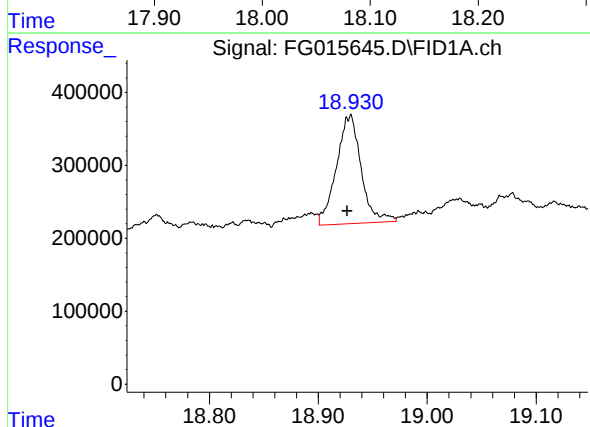
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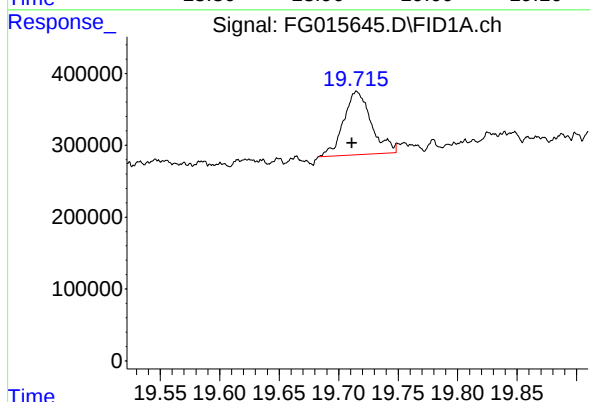
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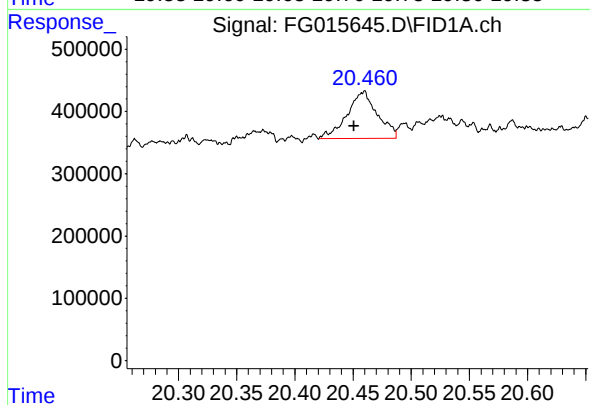
#14 N-DOTRIACONTANE

R.T.: 18.930 min
Delta R.T.: 0.003 min
Response: 2340246
Conc: 19.72 ug/ml



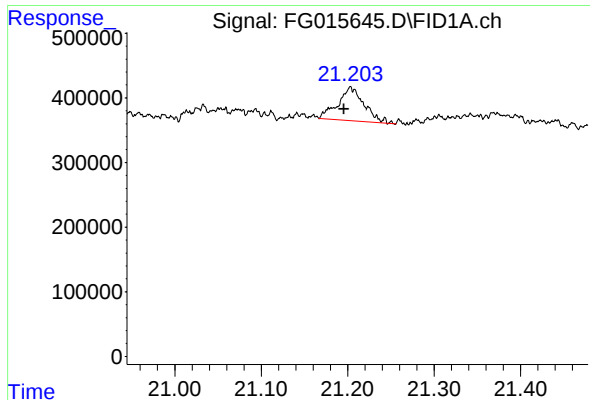
#15 N-TETRATRIACONTANE

R.T.: 19.715 min
Delta R.T.: 0.003 min
Response: 1428063
Conc: 13.68 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.459 min
Delta R.T.: 0.008 min
Response: 1367431
Conc: 15.60 ug/ml



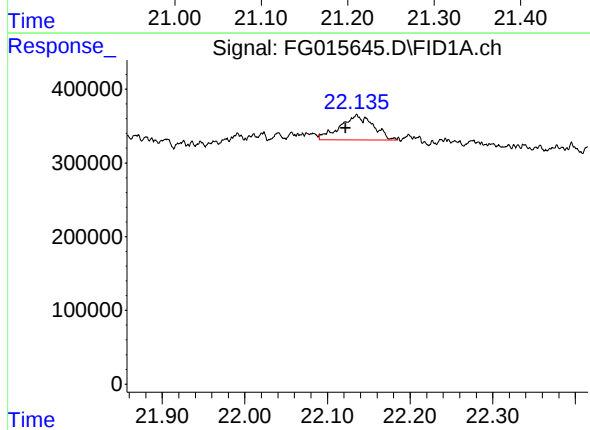
#17 N-OCTATRIACONTANE

R.T.: 21.203 min
Delta R.T.: 0.007 min
Response: 1092207
Conc: 14.64 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.135 min
Delta R.T.: 0.013 min
Response: 937152
Conc: 14.15 ug/ml m