

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030425\
 Data File : FG015440.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 18:16
 Operator : YP\AJ
 Sample : Q1474-01MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-03-02282025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e
 Quant Time: Mar 05 00:54:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.047	1535560	14.104 ug/ml
Target Compounds			
1) N-OCTANE	1.996	1579726	14.371 ug/ml
2) N-DECANE	4.538	2760272	24.806 ug/ml
3) N-DODECANE	6.722	4165003	35.838 ug/ml
4) N-TETRADECANE	8.562	6757042	58.640 ug/ml
5) N-HEXADECANE	10.179	9567109	80.605 ug/mlm
6) N-OCTADECANE	11.631	11072269	89.404 ug/ml
7) N-EICOSANE	12.944	8564595	70.508 ug/ml
8) N-DOCOSANE	14.146	5187747	43.329 ug/ml
10) N-TETRACOSANE	15.253	3663080	30.675 ug/ml
11) N-HEXACOSANE	16.281	3674332	31.311 ug/ml
12) N-OCTACOSANE	17.239	3718300	32.123 ug/ml
13) N-TRIACONTANE	18.132	3552059	30.573 ug/ml
14) N-DOTRIACONTANE	18.968	2985228	25.875 ug/mlm
15) N-TETRATRIACONTANE	19.756	2999126	27.926 ug/mlm
16) N-HEXATRIACONTANE	20.505	2414656	25.188 ug/mlm
17) N-OCTATRIACONTANE	21.262	3675456	41.183 ug/ml
18) N-TETRACONTANE	22.220	2841699	34.639 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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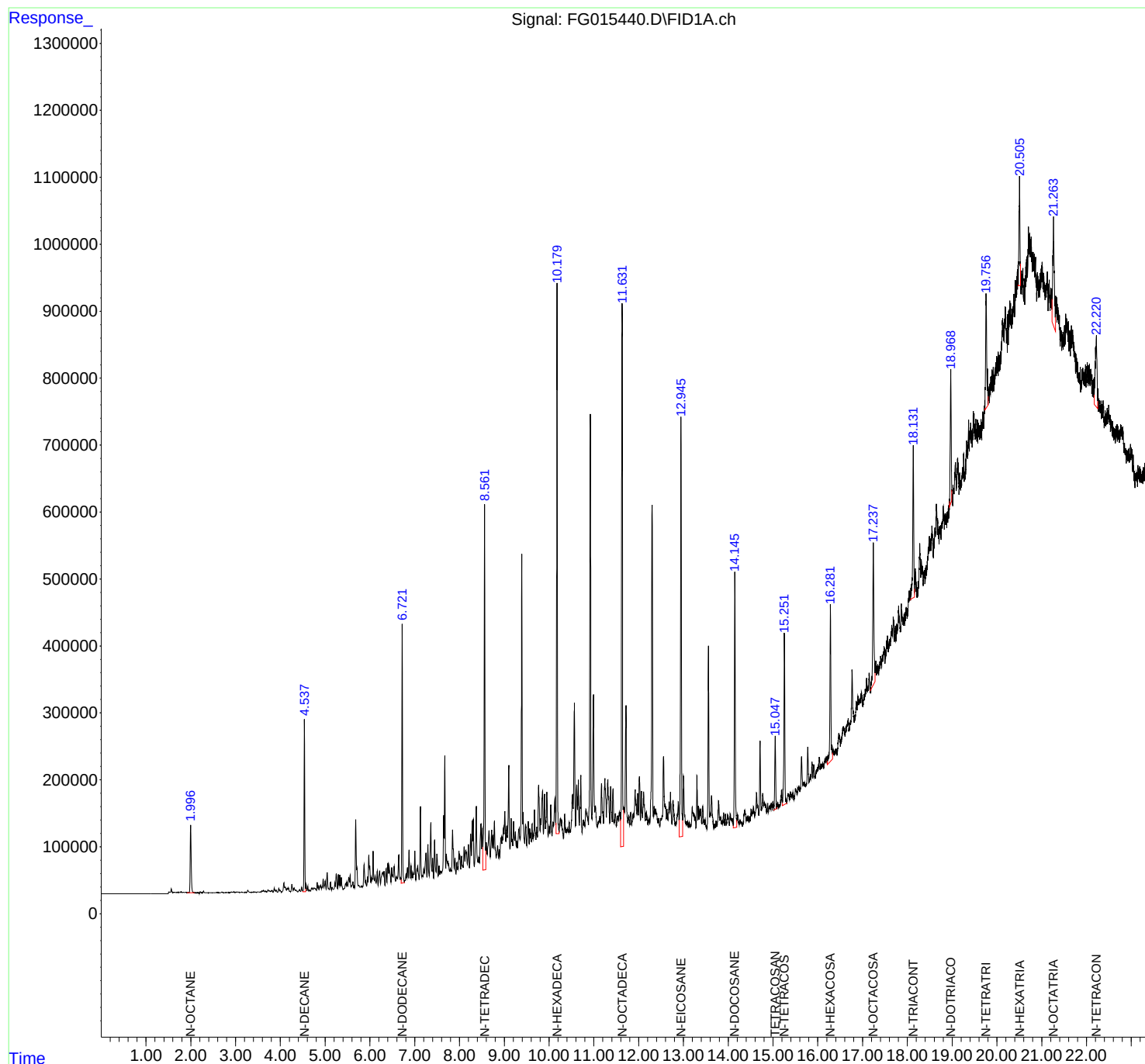
APPROVED

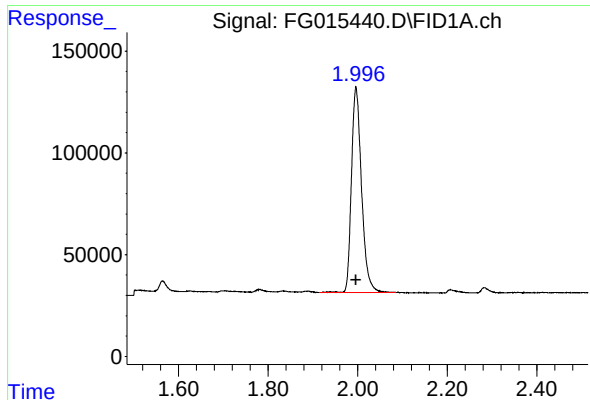
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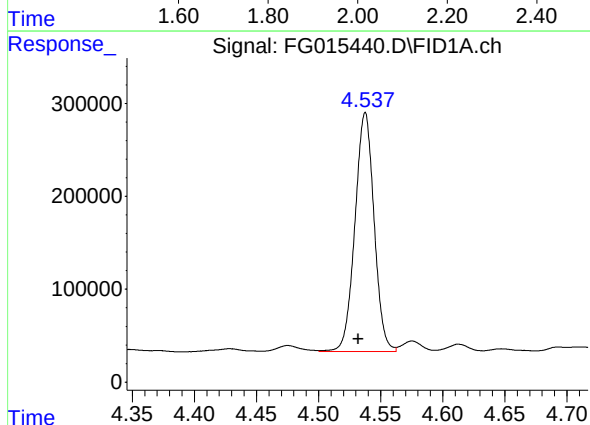
#1 N-OCTANE

R.T.: 1.996 min
Delta R.T.: 0.000 min
Response: 1579726
Conc: 14.37 ug/ml

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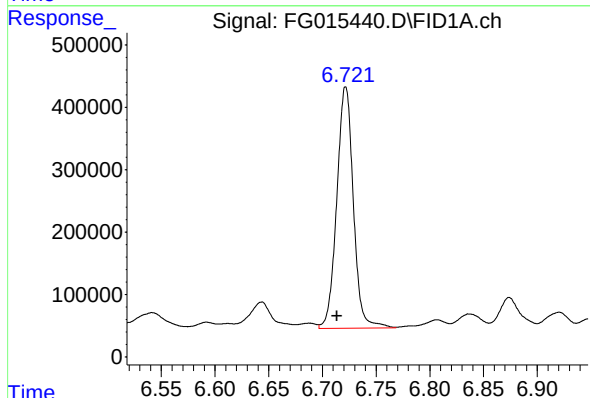
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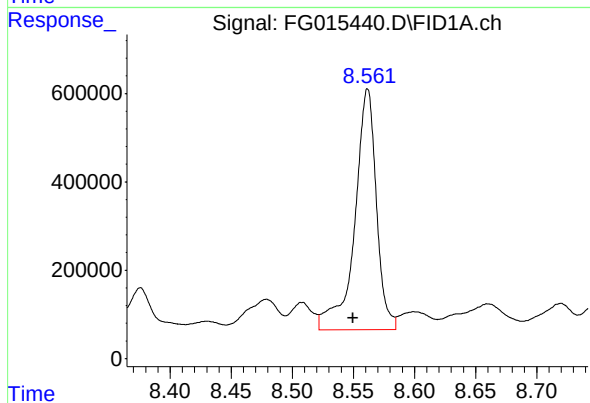
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: 0.006 min
Response: 2760272
Conc: 24.81 ug/ml



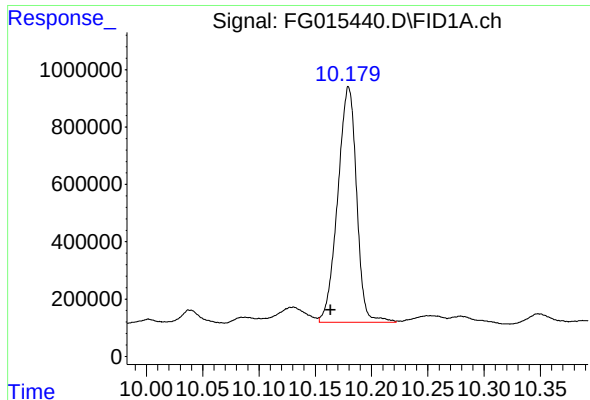
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: 0.008 min
Response: 4165003
Conc: 35.84 ug/ml



#4 N-TETRADECANE

R.T.: 8.562 min
Delta R.T.: 0.012 min
Response: 6757042
Conc: 58.64 ug/ml



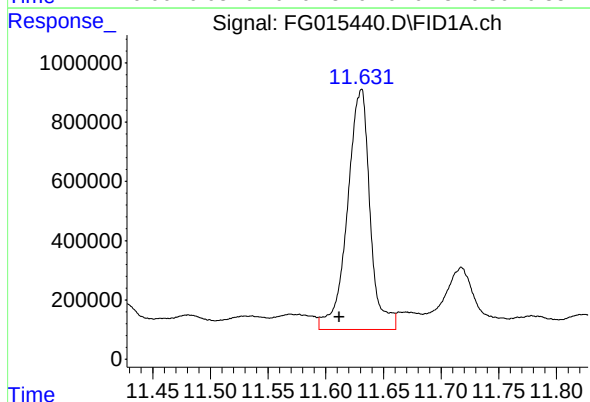
#5 N-HEXADECANE

R.T.: 10.179 min
Delta R.T.: 0.015 min
Response: 9567109
Conc: 80.61 ug/ml

Instrument :
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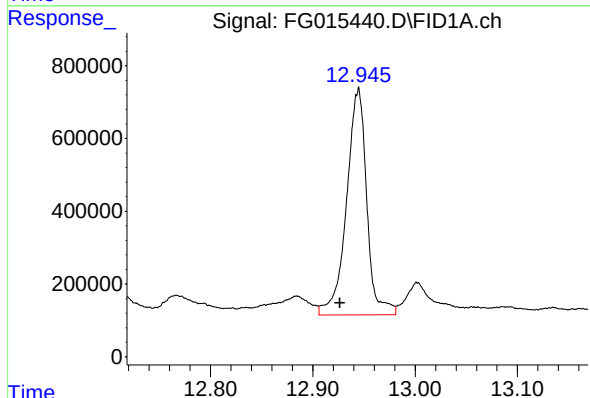
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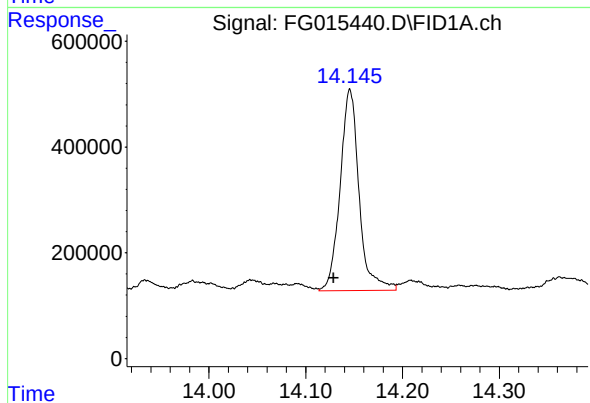
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: 0.019 min
Response: 11072269
Conc: 89.40 ug/ml



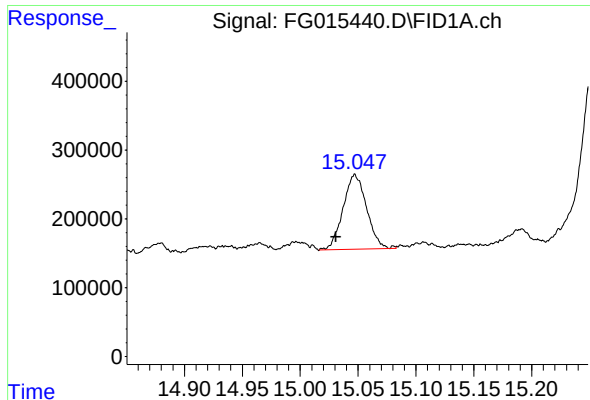
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: 0.018 min
Response: 8564595
Conc: 70.51 ug/ml



#8 N-DOCOSANE

R.T.: 14.146 min
Delta R.T.: 0.017 min
Response: 5187747
Conc: 43.33 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.047 min
Delta R.T.: 0.016 min
Response: 1535560
Conc: 14.10 ug/ml

Instrument :

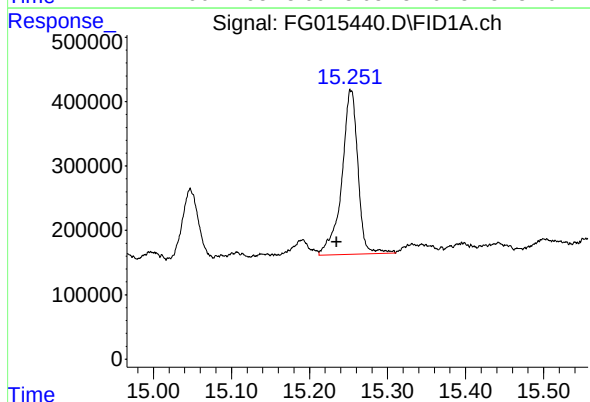
FID_G

ClientSampleId :

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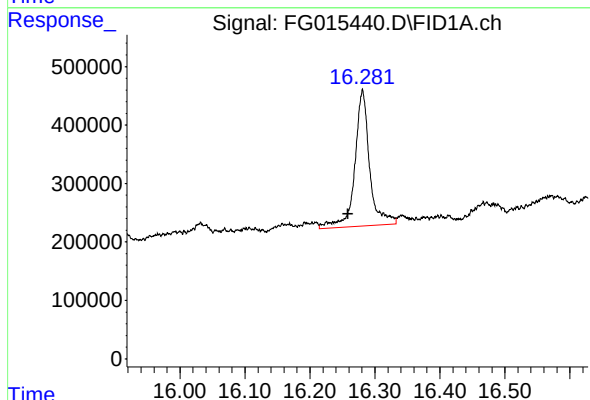
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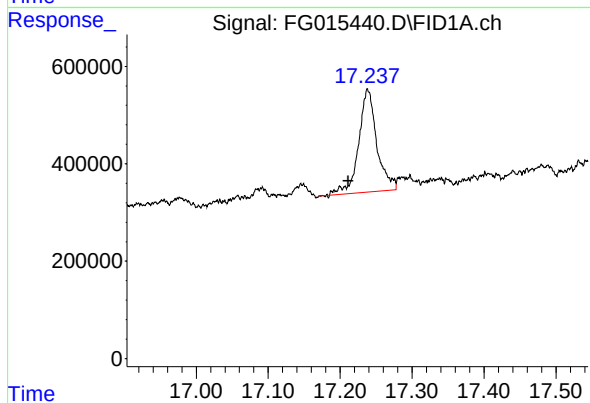
#10 N-TETRACOSANE

R.T.: 15.253 min
Delta R.T.: 0.019 min
Response: 3663080
Conc: 30.68 ug/ml



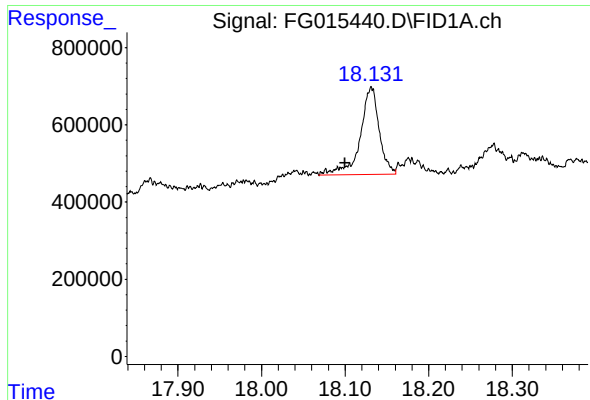
#11 N-HEXACOSANE

R.T.: 16.281 min
Delta R.T.: 0.023 min
Response: 3674332
Conc: 31.31 ug/ml



#12 N-OCTACOSANE

R.T.: 17.239 min
Delta R.T.: 0.027 min
Response: 3718300
Conc: 32.12 ug/ml



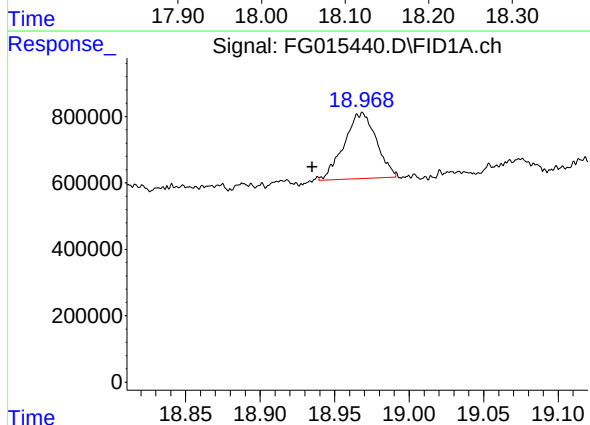
#13 N-TRIACONTANE

R.T.: 18.132 min
Delta R.T.: 0.032 min
Response: 3552059
Conc: 30.57 ug/ml

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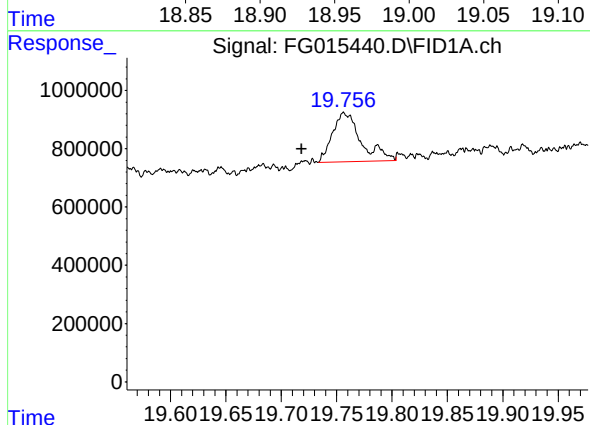
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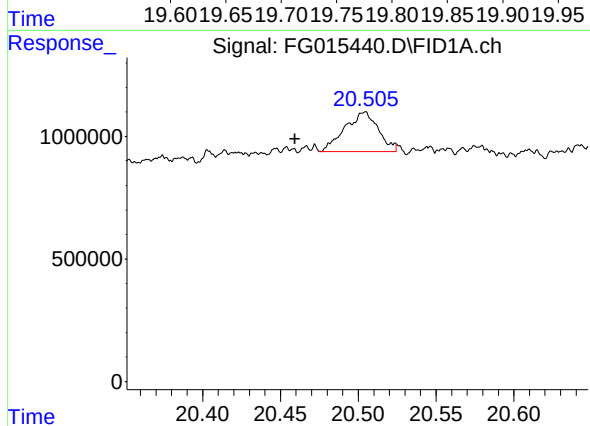
#14 N-DOTRIACONTANE

R.T.: 18.968 min
Delta R.T.: 0.033 min
Response: 2985228
Conc: 25.87 ug/ml m



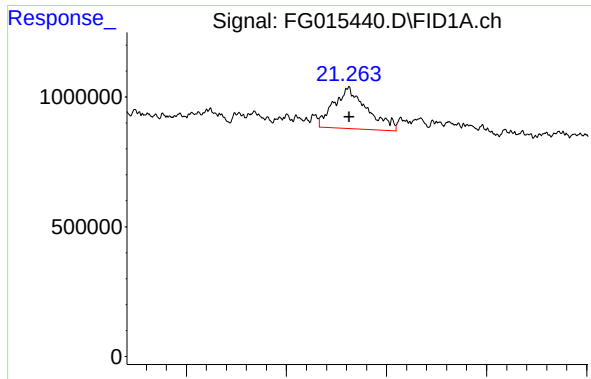
#15 N-TETRATRIACONTANE

R.T.: 19.756 min
Delta R.T.: 0.037 min
Response: 2999126
Conc: 27.93 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.505 min
Delta R.T.: 0.045 min
Response: 2414656
Conc: 25.19 ug/ml m



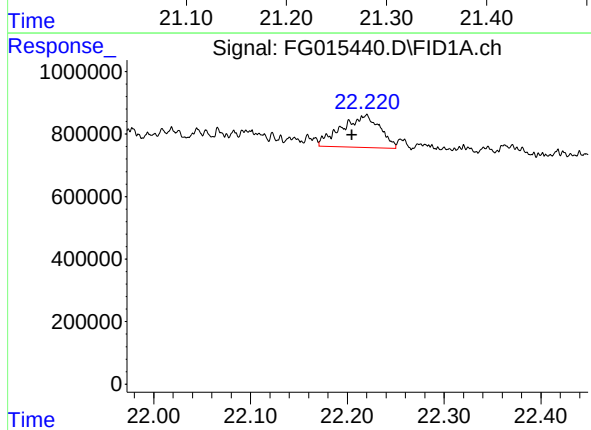
#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: -0.001 min
Response: 3675456
Conc: 41.18 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.220 min
Delta R.T.: 0.015 min
Response: 2841699
Conc: 34.64 ug/ml