

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032525\
 Data File : FG015547.D
 Signal(s) : FID1A.ch
 Acq On : 25 Mar 2025 13:17
 Operator : YP\AJ
 Sample : Q1626-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 CO-32-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2025
 Supervised By :mohammad ahmed 03/27/2025

Integration File: autoint1.e
 Quant Time: Mar 26 01:39:43 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...	15.033	2578805	23.685 ug/ml
Target Compounds			
1) N-OCTANE	1.988	1827470	16.624 ug/ml
2) N-DECANE	4.522	2550201	22.918 ug/ml
3) N-DODECANE	6.703	2313647	19.908 ug/ml
4) N-TETRADECANE	8.540	2361563	20.495 ug/ml
5) N-HEXADECANE	10.156	3187027	26.851 ug/ml
6) N-OCTADECANE	11.606	2728012	22.027 ug/ml
7) N-EICOSANE	12.925	3257638	26.819 ug/ml
8) N-DOCOSANE	14.127	3548410	29.637 ug/ml
10) N-TETRACOSANE	15.233	12641760	105.864 ug/ml
11) N-HEXACOSANE	16.265	3718560	31.688 ug/ml
12) N-OCTACOSANE	17.241	5194602	44.877 ug/mlm
13) N-TRIACONTANE	18.111	3842683	33.075 ug/ml
14) N-DOTRIACONTANE	18.944	2231107	19.338 ug/ml
15) N-TETRATRIACONTANE	19.729	1900869	17.700 ug/mlm
16) N-HEXATRIACONTANE	20.472	1614805	16.844 ug/mlm
17) N-OCTATRIACONTANE	21.221	948210	10.625 ug/ml
18) N-TETRACONTANE	22.163	1660427	20.240 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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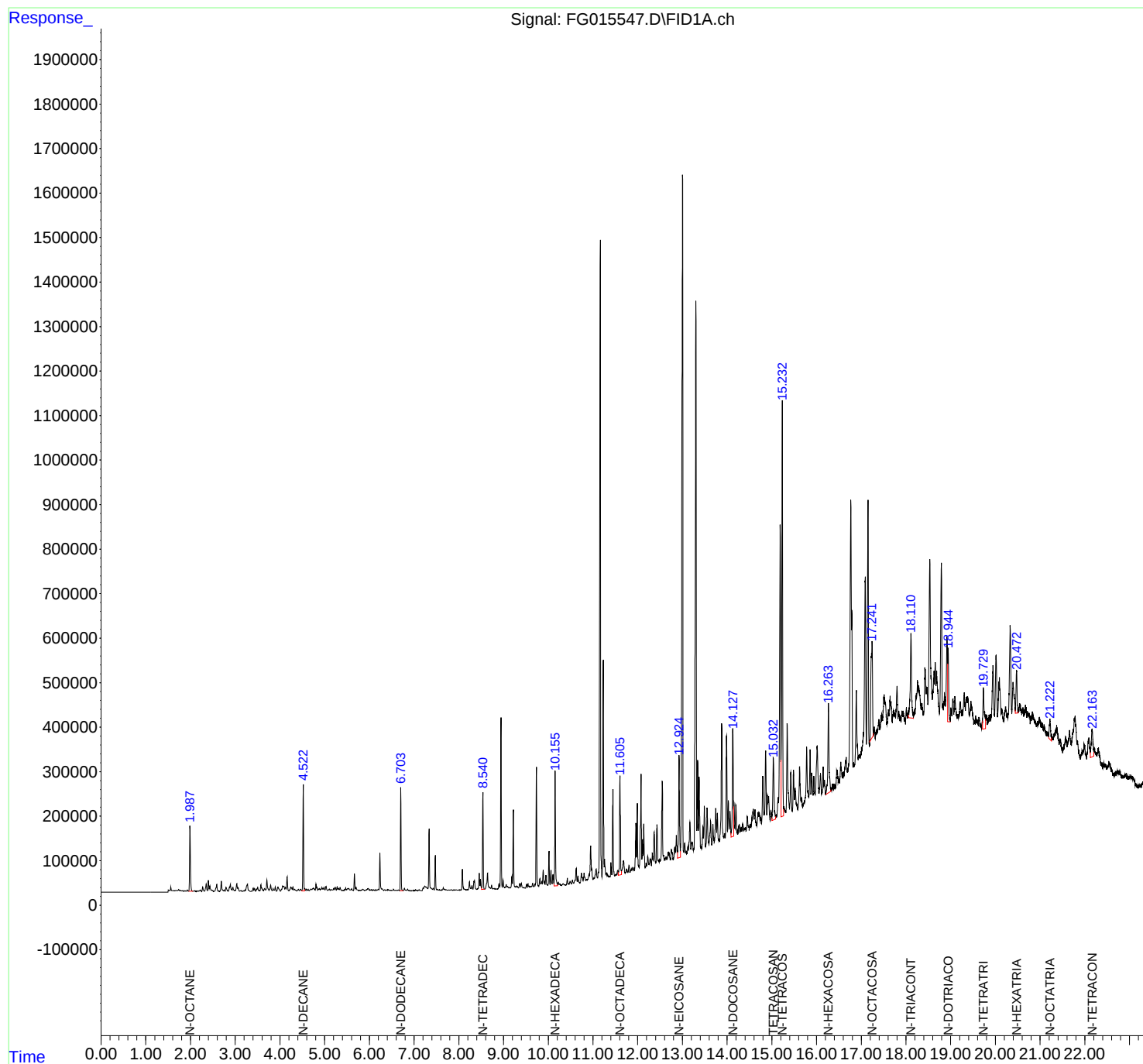
APPROVED

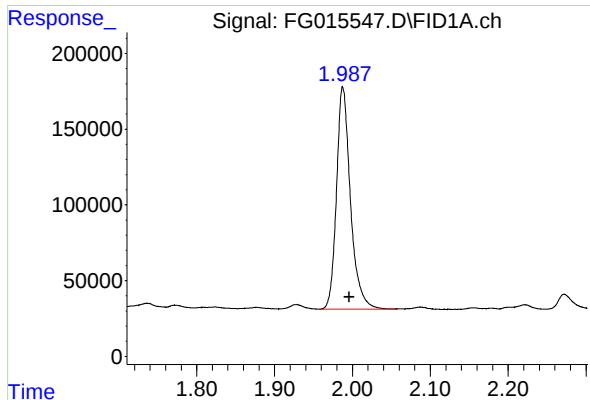
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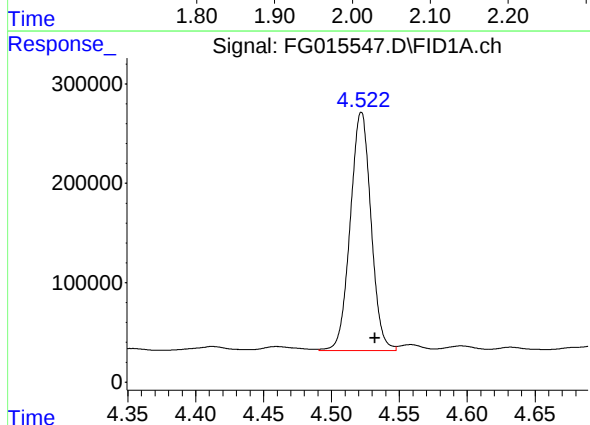
#1 N-OCTANE

R.T.: 1.988 min
Delta R.T.: -0.008 min
Response: 1827470
Conc: 16.62 ug/ml

Instrument :
FID_G
ClientSampleId :
CO-32-1MS

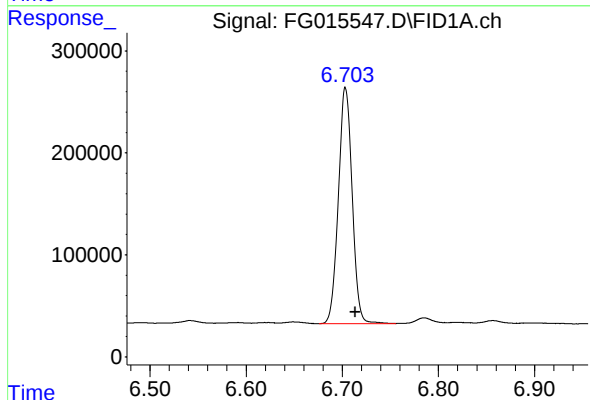
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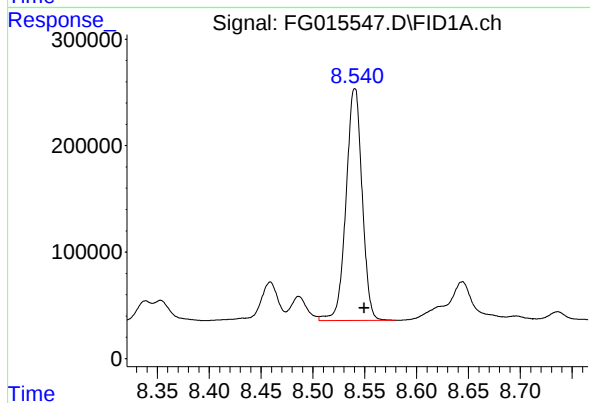
#2 N-DECANE

R.T.: 4.522 min
Delta R.T.: -0.010 min
Response: 2550201
Conc: 22.92 ug/ml



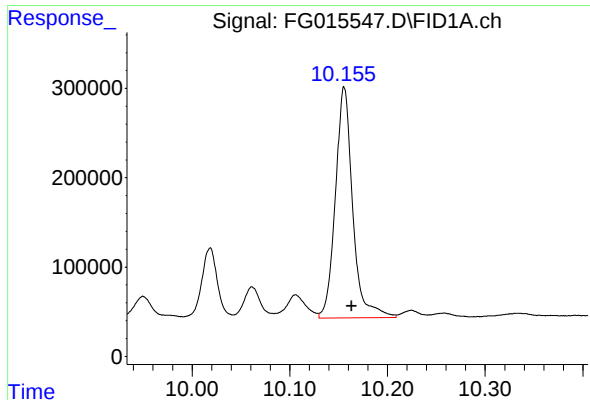
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 2313647
Conc: 19.91 ug/ml



#4 N-TETRADECANE

R.T.: 8.540 min
Delta R.T.: -0.009 min
Response: 2361563
Conc: 20.49 ug/ml



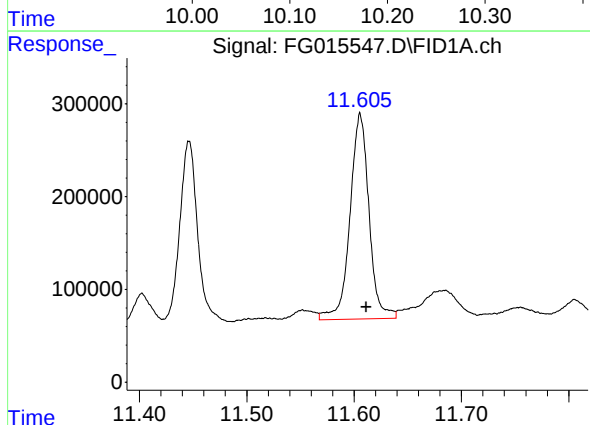
#5 N-HEXADECANE

R.T.: 10.156 min
Delta R.T.: -0.008 min
Response: 3187027
Conc: 26.85 ug/ml

Instrument :
FID_G
ClientSampleId :
CO-32-1MS

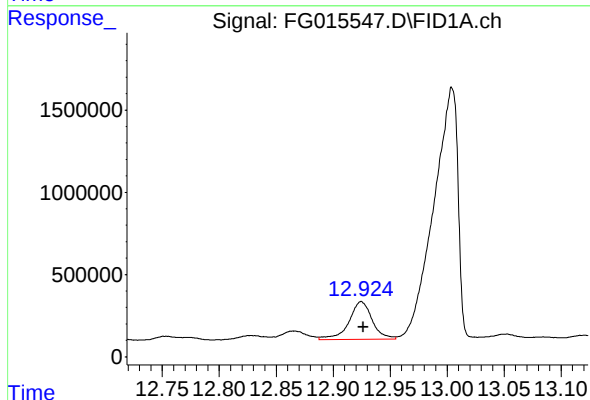
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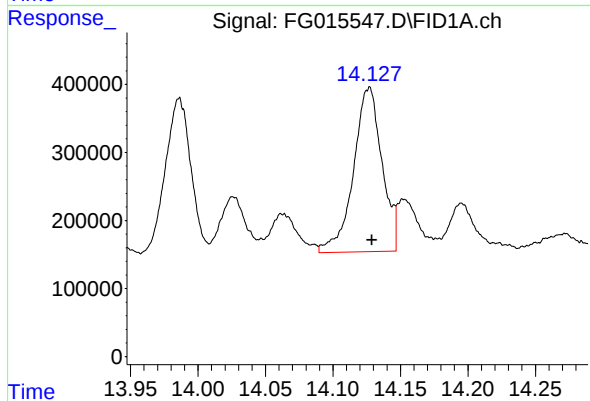
#6 N-OCTADECANE

R.T.: 11.606 min
Delta R.T.: -0.006 min
Response: 2728012
Conc: 22.03 ug/ml



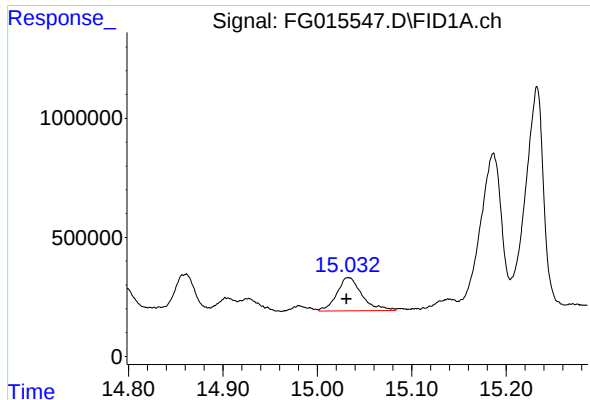
#7 N-EICOSANE

R.T.: 12.925 min
Delta R.T.: -0.002 min
Response: 3257638
Conc: 26.82 ug/ml



#8 N-DOCOSANE

R.T.: 14.127 min
Delta R.T.: -0.002 min
Response: 3548410
Conc: 29.64 ug/ml



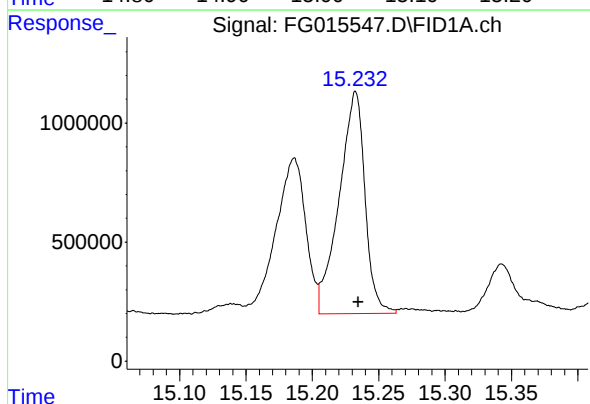
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.033 min
Delta R.T.: 0.002 min
Response: 2578805
Conc: 23.69 ug/ml

Instrument :
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ClientSampleId :
CO-32-1MS

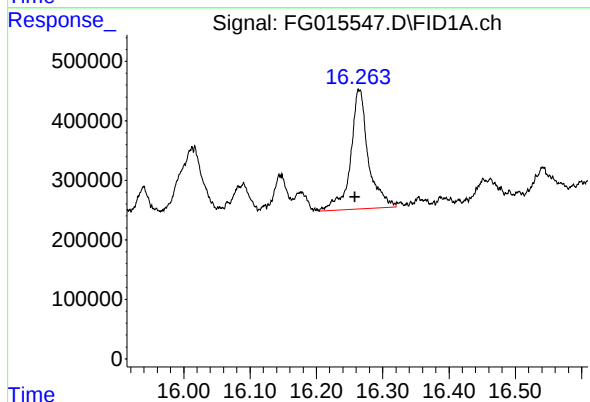
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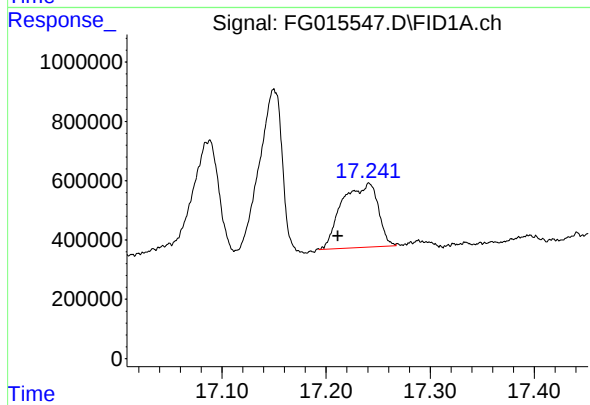
#10 N-TETRACOSANE

R.T.: 15.233 min
Delta R.T.: -0.002 min
Response: 12641760
Conc: 105.86 ug/ml



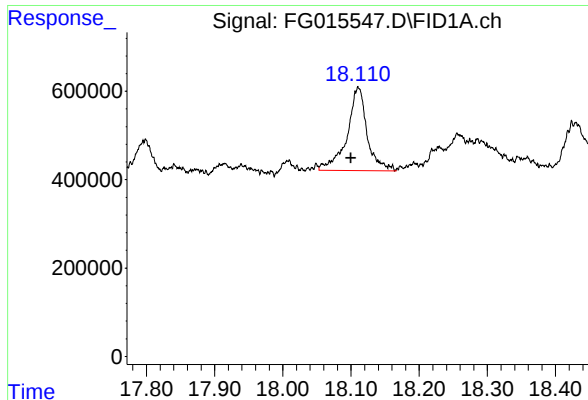
#11 N-HEXACOSANE

R.T.: 16.265 min
Delta R.T.: 0.007 min
Response: 3718560
Conc: 31.69 ug/ml



#12 N-OCTACOSANE

R.T.: 17.241 min
Delta R.T.: 0.029 min
Response: 5194602
Conc: 44.88 ug/ml m



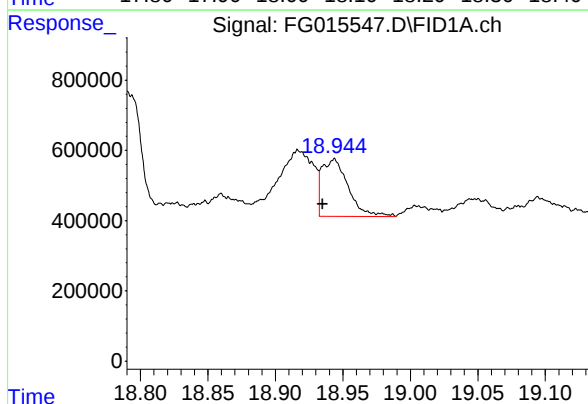
#13 N-TRIACONTANE

R.T.: 18.111 min
Delta R.T.: 0.011 min
Response: 3842683
Conc: 33.07 ug/ml

Instrument :
FID_G
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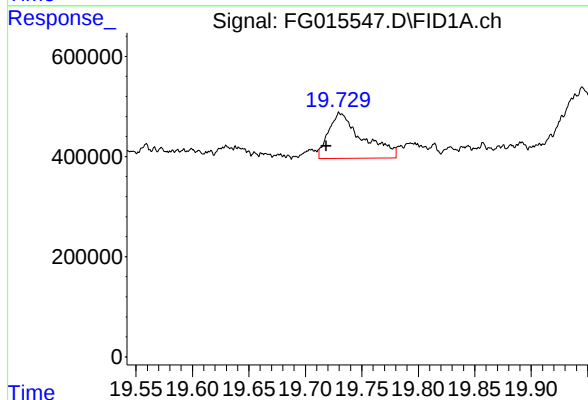
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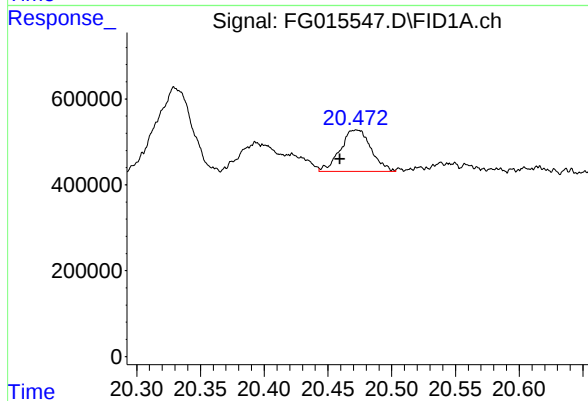
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: 0.009 min
Response: 2231107
Conc: 19.34 ug/ml



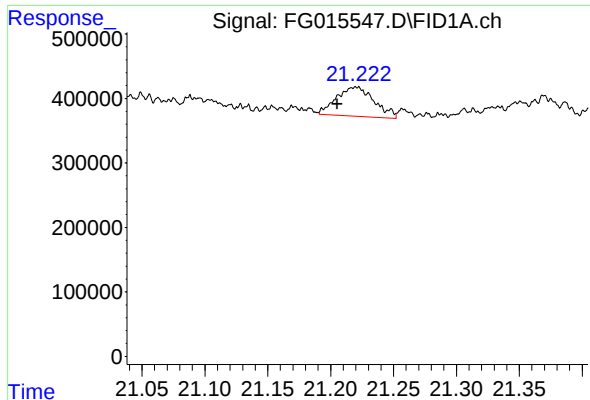
#15 N-TETRATRIACONTANE

R.T.: 19.729 min
Delta R.T.: 0.011 min
Response: 1900869
Conc: 17.70 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.472 min
Delta R.T.: 0.012 min
Response: 1614805
Conc: 16.84 ug/ml m



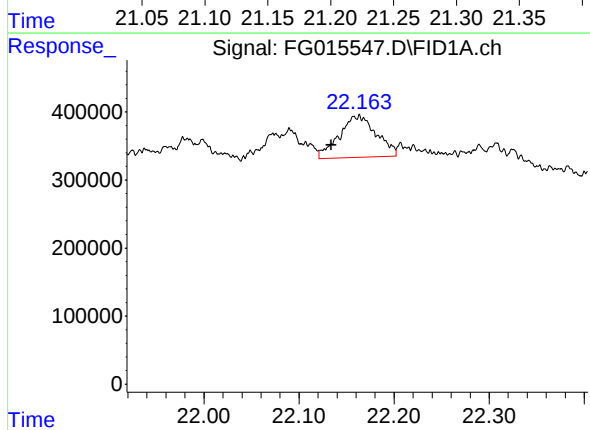
#17 N-OCTATRIACONTANE

R.T.: 21.221 min
Delta R.T.: 0.016 min
Response: 948210
Conc: 10.62 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.163 min
Delta R.T.: 0.030 min
Response: 1660427
Conc: 20.24 ug/ml