

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032423\
 Data File : FG011662.D
 Signal(s) : FID1A.ch
 Acq On : 24 Mar 2023 14:38
 Operator : YP\AJ
 Sample : 02022-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-32123MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 24 18:09:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.049	1576157	15.659 ug/ml
Target Compounds			
1) N-OCTANE	2.057	1973460	16.768 ug/ml
2) N-DECANE	4.576	2312397	19.134 ug/ml
3) N-DODECANE	6.745	2416075	19.800 ug/ml
4) N-TETRADECANE	8.576	2419703	19.884 ug/ml
5) N-HEXADECANE	10.188	2736241	22.190 ug/ml
6) N-OCTADECANE	11.633	2586235	21.175 ug/ml
7) N-EICOSANE	12.947	2726854	22.694 ug/ml
8) N-DOCOSANE	14.147	2601039	22.675 ug/ml
10) N-TETRACOSANE	15.249	3894166	34.474 ug/ml
11) N-HEXACOSANE	16.278	2506905	23.214 ug/ml
12) N-OCTACOSANE	17.233	2641929	25.478 ug/ml
13) N-TRIACONTANE	18.124	2827266	28.529 ug/ml
14) N-DOTRIACONTANE	18.961	2875999	31.010 ug/ml
15) N-TETRATRIACONTANE	19.750	3008502	35.685 ug/mlm
16) N-HEXATRIACONTANE	20.495	3025597	39.302 ug/mlm
17) N-OCTATRIACONTANE	21.248	3541652	47.040 ug/mlm
18) N-TETRACONTANE	22.195	3715965	50.631 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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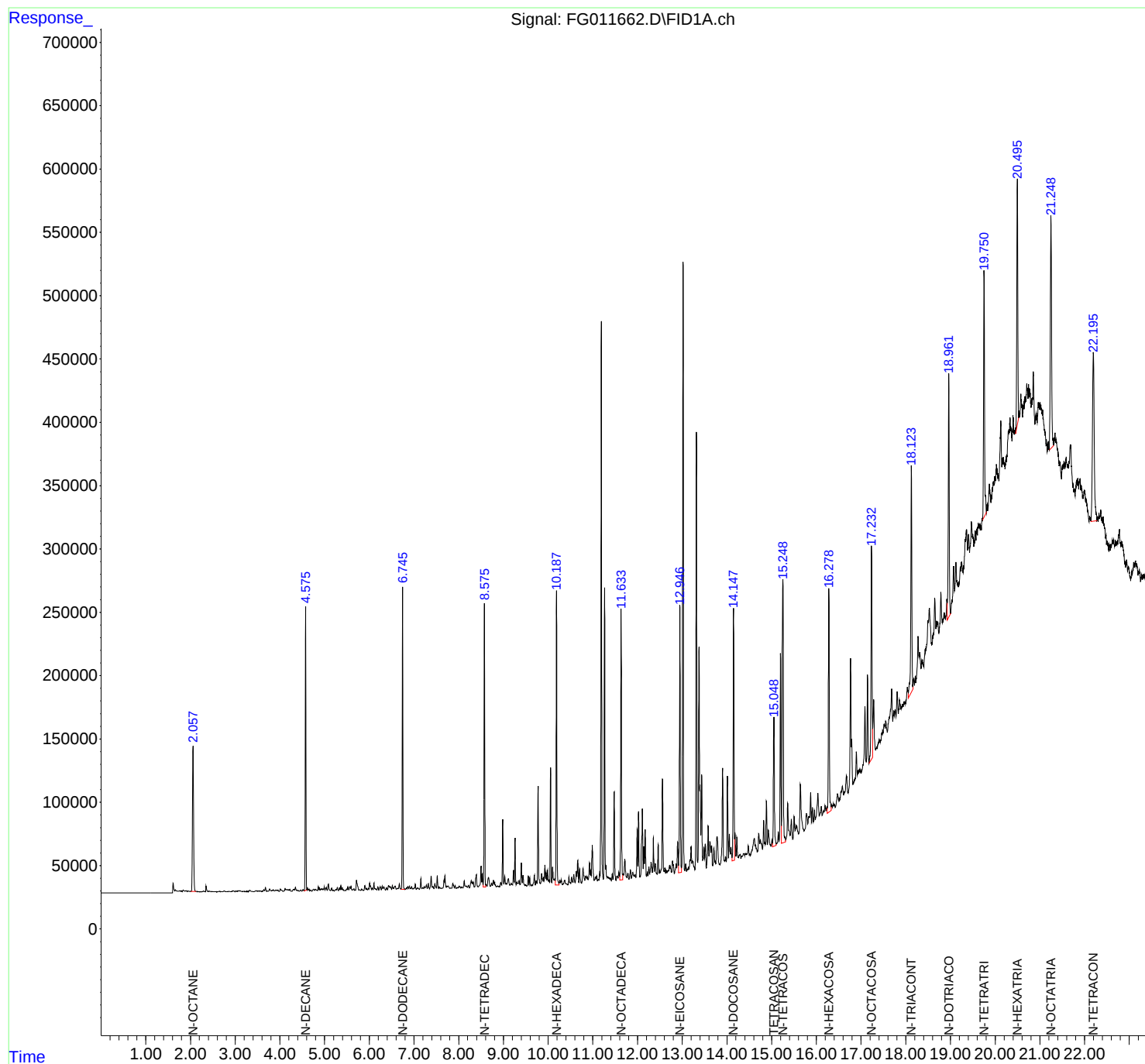
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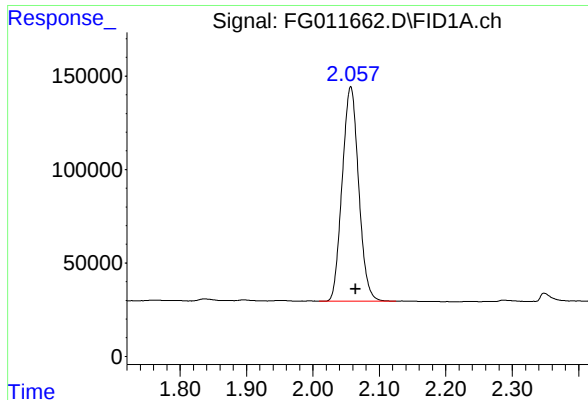
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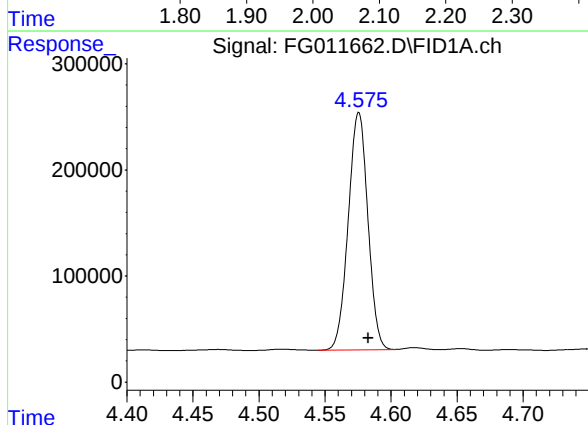
#1 N-OCTANE

R.T.: 2.057 min
Delta R.T.: -0.007 min
Response: 1973460
Conc: 16.77 ug/ml

Instrument :
FID_G
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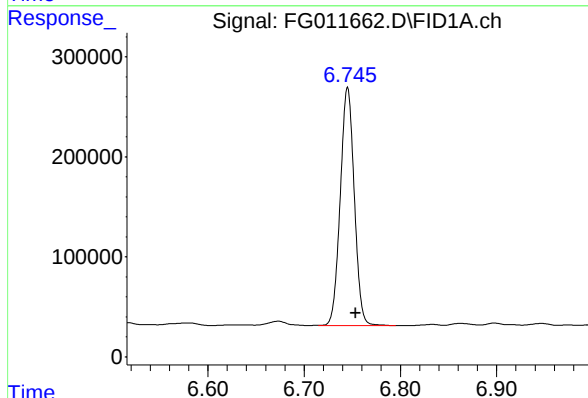
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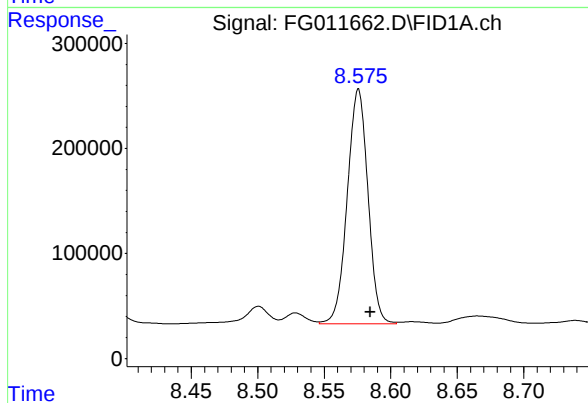
#2 N-DECANE

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 2312397
Conc: 19.13 ug/ml



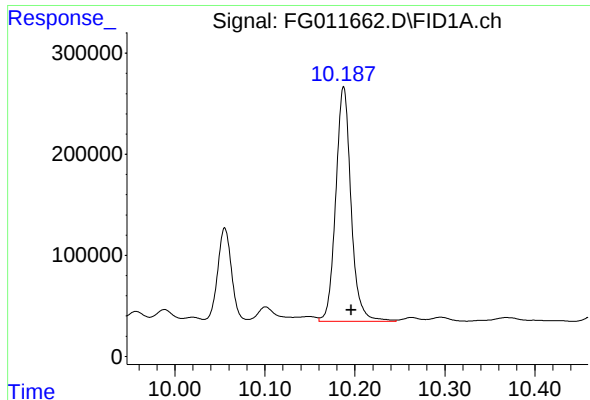
#3 N-DODECANE

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 2416075
Conc: 19.80 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.009 min
Response: 2419703
Conc: 19.88 ug/ml



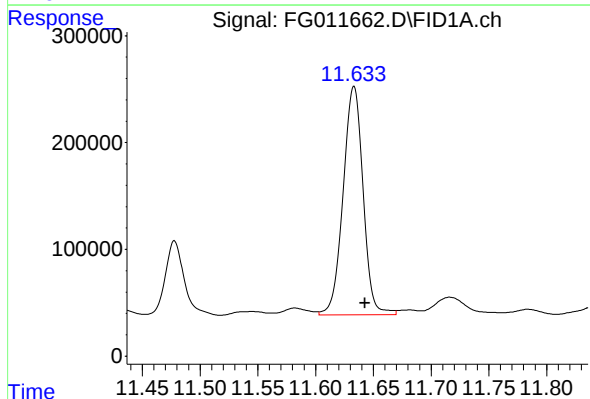
#5 N-HEXADECANE

R.T.: 10.188 min
Delta R.T.: -0.009 min
Response: 2736241
Conc: 22.19 ug/ml

Instrument :
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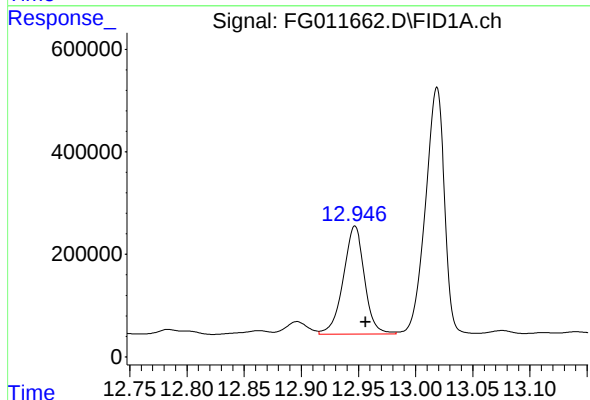
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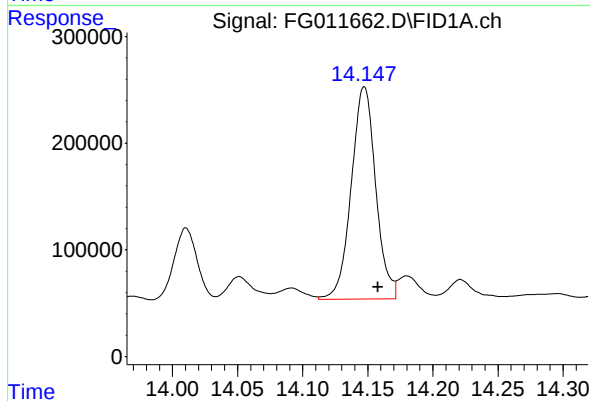
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: -0.009 min
Response: 2586235
Conc: 21.17 ug/ml



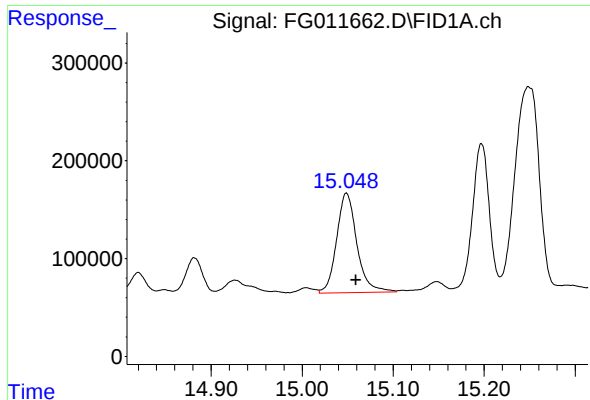
#7 N-EICOSANE

R.T.: 12.947 min
Delta R.T.: -0.009 min
Response: 2726854
Conc: 22.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.147 min
Delta R.T.: -0.011 min
Response: 2601039
Conc: 22.67 ug/ml



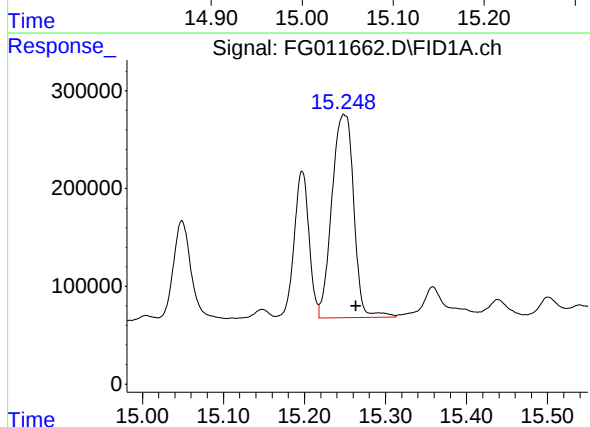
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.049 min
Delta R.T.: -0.010 min
Response: 1576157
Conc: 15.66 ug/ml

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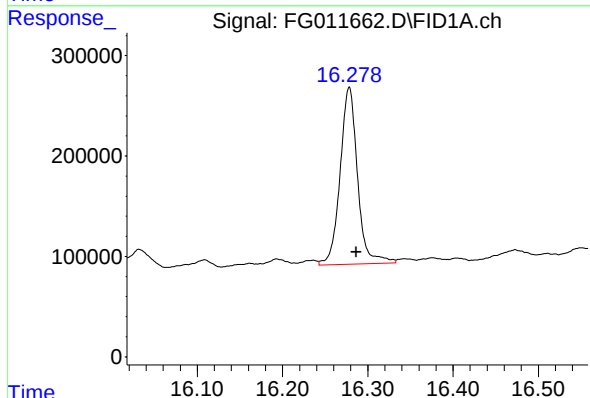
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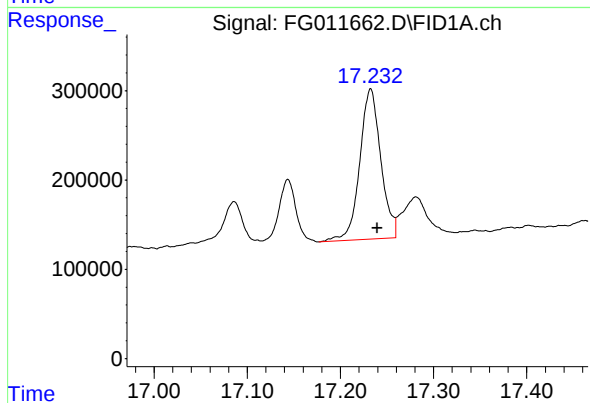
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: -0.014 min
Response: 3894166
Conc: 34.47 ug/ml



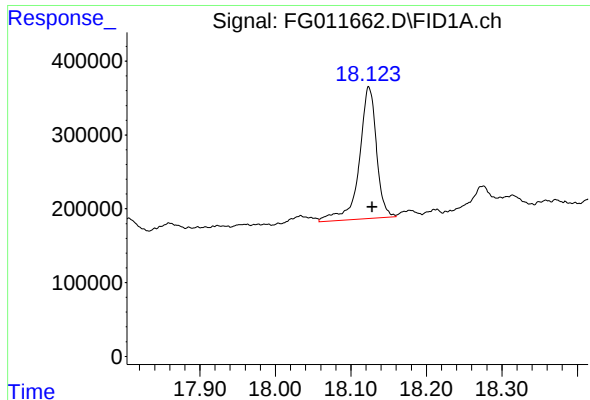
#11 N-HEXACOSANE

R.T.: 16.278 min
Delta R.T.: -0.008 min
Response: 2506905
Conc: 23.21 ug/ml



#12 N-OCTACOSANE

R.T.: 17.233 min
Delta R.T.: -0.007 min
Response: 2641929
Conc: 25.48 ug/ml



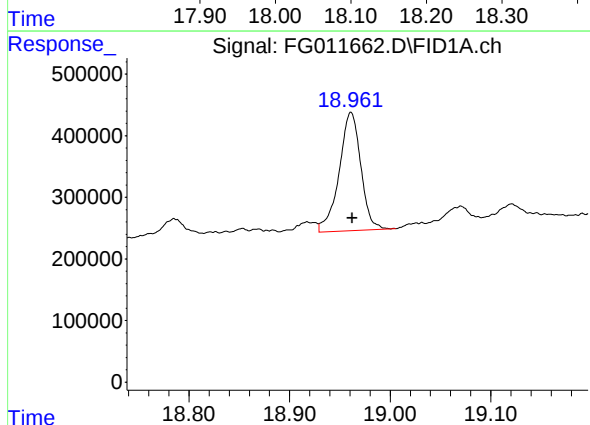
#13 N-TRIACONTANE

R.T.: 18.124 min
Delta R.T.: -0.004 min
Response: 2827266
Conc: 28.53 ug/ml

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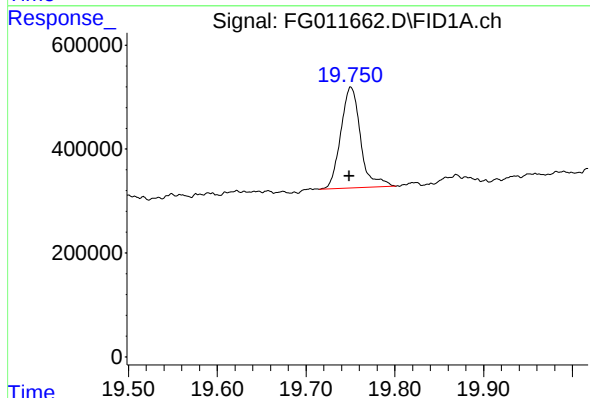
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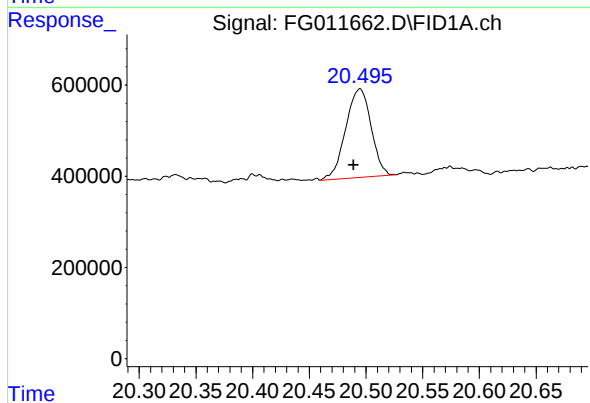
#14 N-DOTRIACONTANE

R.T.: 18.961 min
Delta R.T.: -0.001 min
Response: 2875999
Conc: 31.01 ug/ml



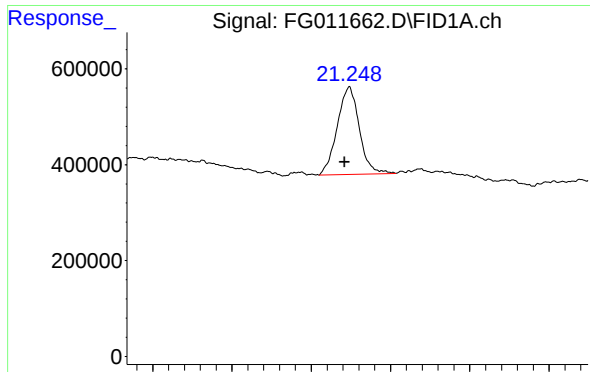
#15 N-TETRATRIACONTANE

R.T.: 19.750 min
Delta R.T.: 0.001 min
Response: 3008502
Conc: 35.69 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.495 min
Delta R.T.: 0.006 min
Response: 3025597
Conc: 39.30 ug/ml m



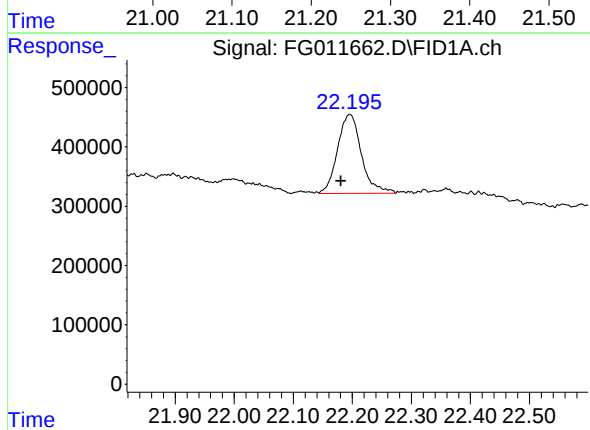
#17 N-OCTATRIACONTANE

R.T.: 21.248 min
Delta R.T.: 0.006 min
Response: 3541652
Conc: 47.04 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.195 min
Delta R.T.: 0.015 min
Response: 3715965
Conc: 50.63 ug/ml