

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100523\
 Data File : FG013006.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 19:51
 Operator : YP\AJ
 Sample : 04699-12
 Misc : 1 PPM WATER MDL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 06 08:48:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 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...	15.073	2114343	18.657 ug/ml
Target Compounds			
1) N-OCTANE	2.076	135010	1.207 ug/ml
2) N-DECANE	4.594	150363	1.307 ug/ml
3) N-DODECANE	6.766	150811	1.284 ug/ml
4) N-TETRADECANE	8.599	146105	1.237 ug/ml
5) N-HEXADECANE	10.211	155355	1.284 ug/ml
6) N-OCTADECANE	11.657	157484	1.291 ug/ml
7) N-EICOSANE	12.970	156635	1.279 ug/ml
8) N-DOCOSANE	14.171	152638	1.281 ug/ml
10) N-TETRACOSANE	15.276	153411	1.280 ug/ml
11) N-HEXACOSANE	16.299	152813	1.291 ug/ml
12) N-OCTACOSANE	17.251	152559	1.303 ug/ml
13) N-TRIACONTANE	18.139	162339	1.406 ug/ml
14) N-DOTRIACONTANE	18.973	173400	1.559 ug/ml
15) N-TETRATRIACONTANE	19.756	160922	1.704 ug/ml
16) N-HEXATRIACONTANE	20.496	146906	1.988 ug/mlm
17) N-OCTATRIACONTANE	21.249	134753	2.034 ug/ml
18) N-TETRACONTANE	22.196	149306	2.368 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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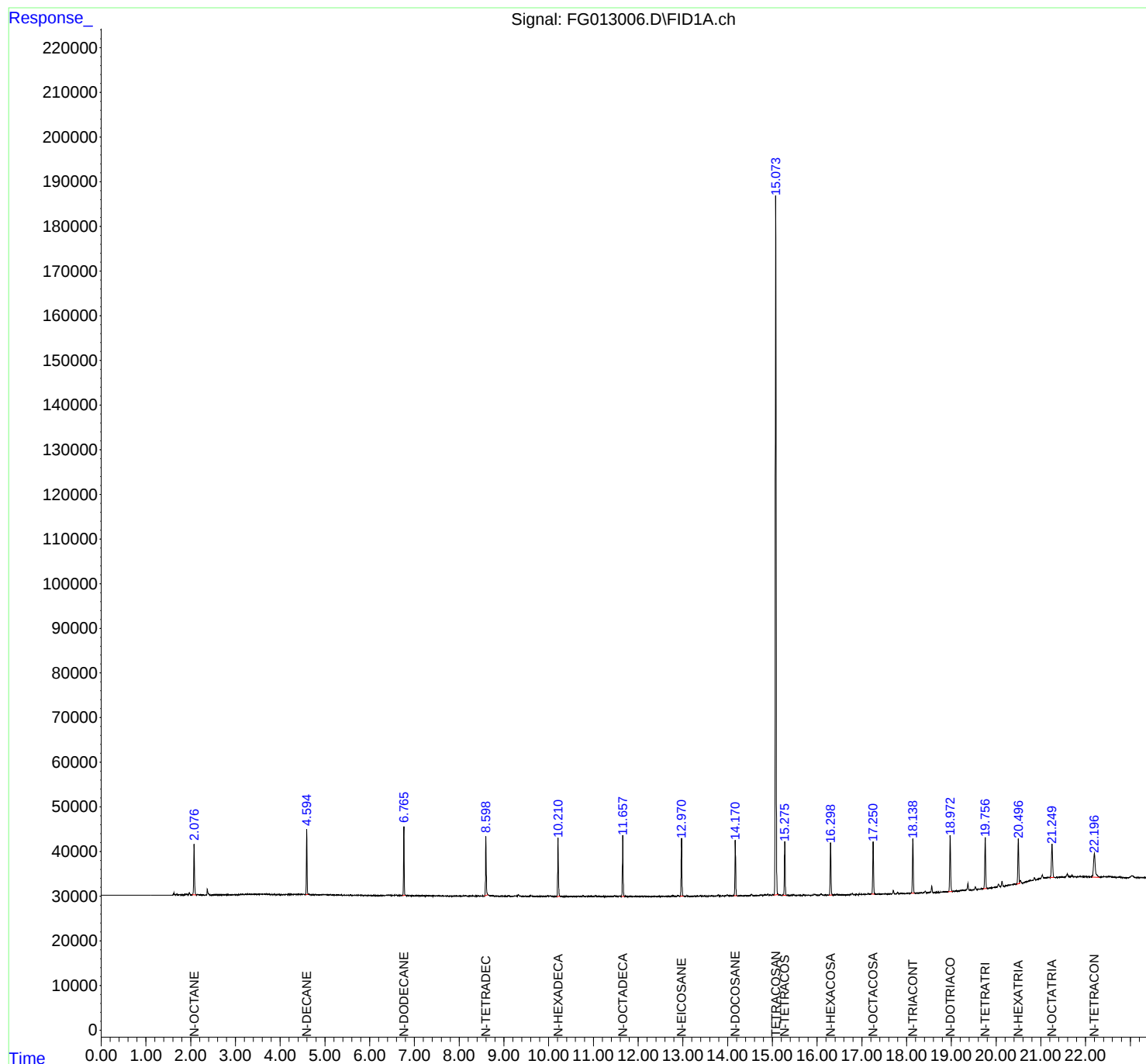
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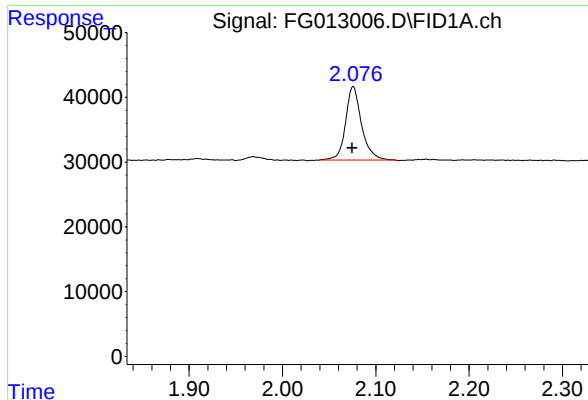
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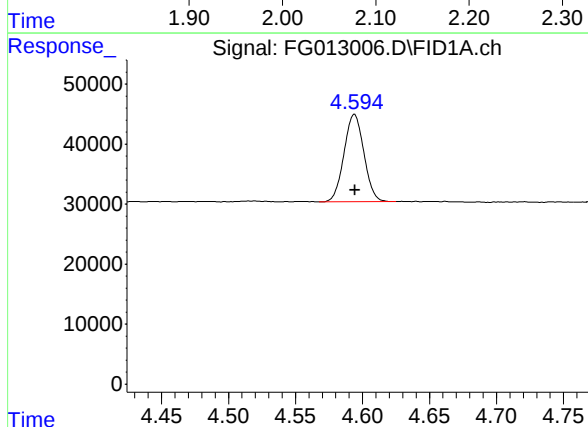
#1 N-OCTANE

R.T.: 2.076 min
Delta R.T.: 0.000 min
Response: 135010
Conc: 1.21 ug/ml

Instrument :
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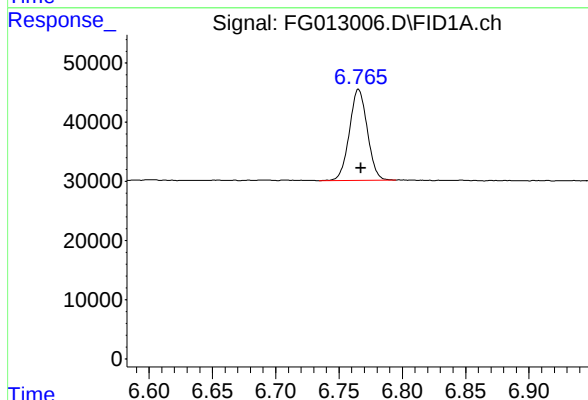
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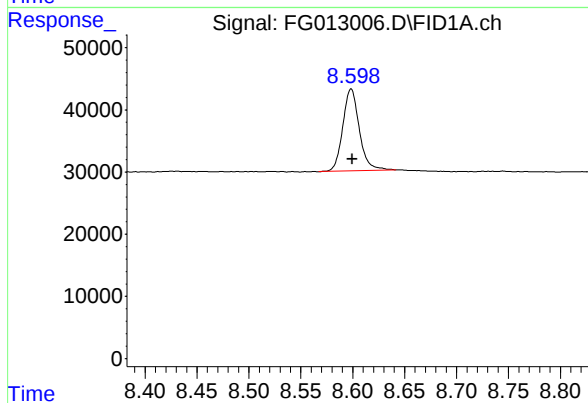
#2 N-DECANE

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 150363
Conc: 1.31 ug/ml



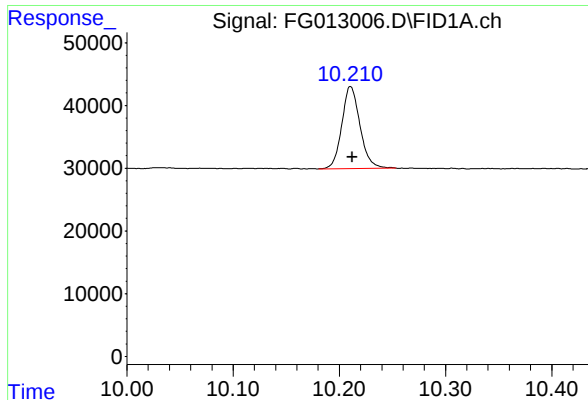
#3 N-DODECANE

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 150811
Conc: 1.28 ug/ml



#4 N-TETRADECANE

R.T.: 8.599 min
Delta R.T.: -0.001 min
Response: 146105
Conc: 1.24 ug/ml



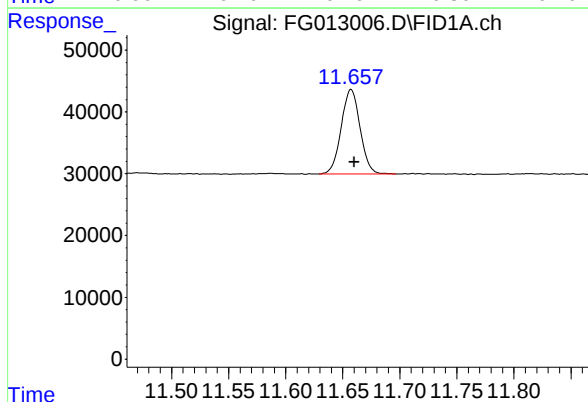
#5 N-HEXADECANE

R.T.: 10.211 min
Delta R.T.: -0.002 min
Response: 155355
Conc: 1.28 ug/ml

Instrument : FID_G
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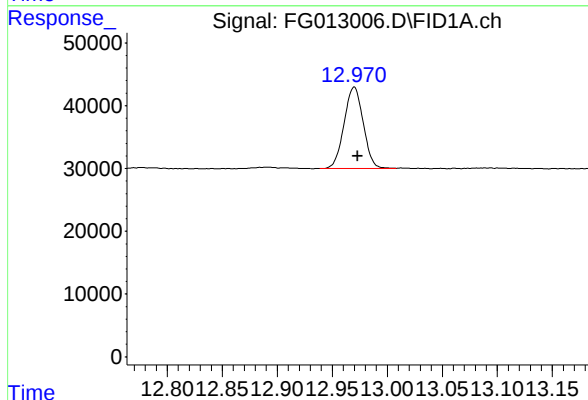
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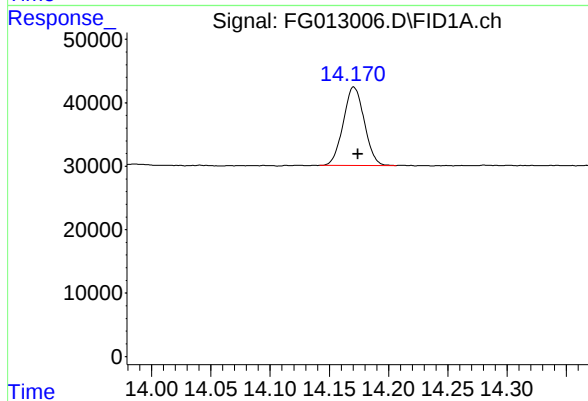
#6 N-OCTADECANE

R.T.: 11.657 min
Delta R.T.: -0.003 min
Response: 157484
Conc: 1.29 ug/ml



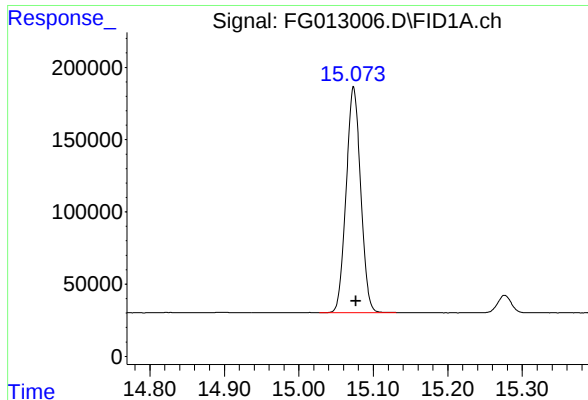
#7 N-EICOSANE

R.T.: 12.970 min
Delta R.T.: -0.003 min
Response: 156635
Conc: 1.28 ug/ml



#8 N-DOCOSANE

R.T.: 14.171 min
Delta R.T.: -0.004 min
Response: 152638
Conc: 1.28 ug/ml



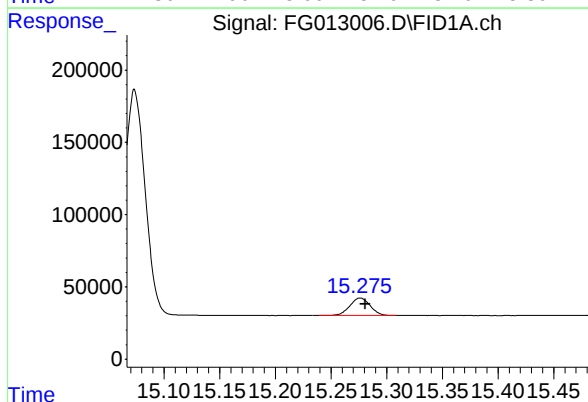
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.073 min
Delta R.T.: -0.003 min
Response: 2114343
Conc: 18.66 ug/ml

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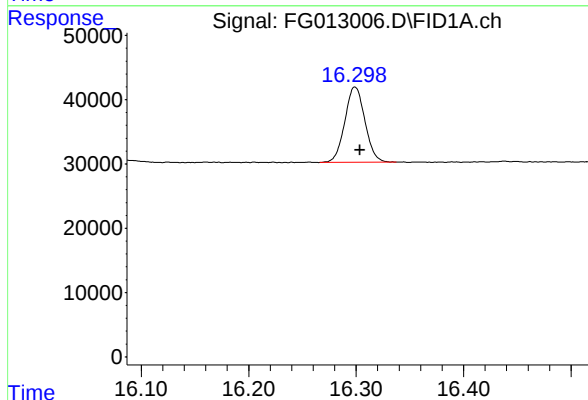
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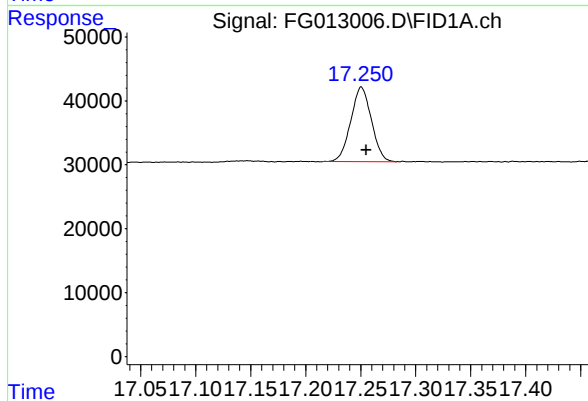
#10 N-TETRACOSANE

R.T.: 15.276 min
Delta R.T.: -0.004 min
Response: 153411
Conc: 1.28 ug/ml



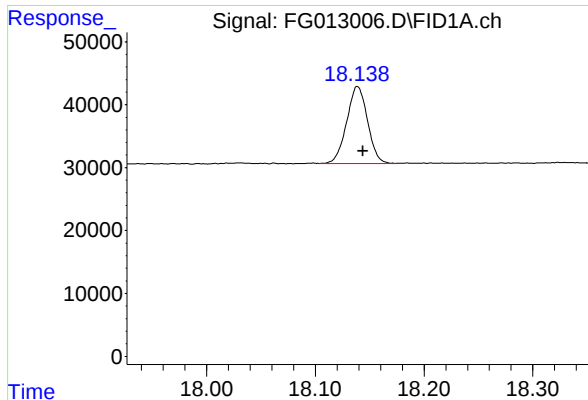
#11 N-HEXACOSANE

R.T.: 16.299 min
Delta R.T.: -0.005 min
Response: 152813
Conc: 1.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.251 min
Delta R.T.: -0.004 min
Response: 152559
Conc: 1.30 ug/ml



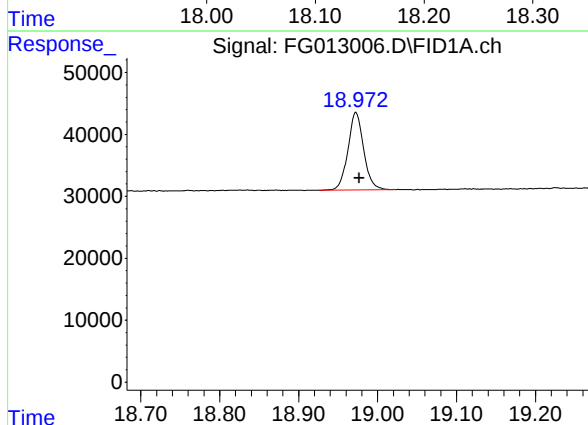
#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: -0.005 min
Response: 162339
Conc: 1.41 ug/ml

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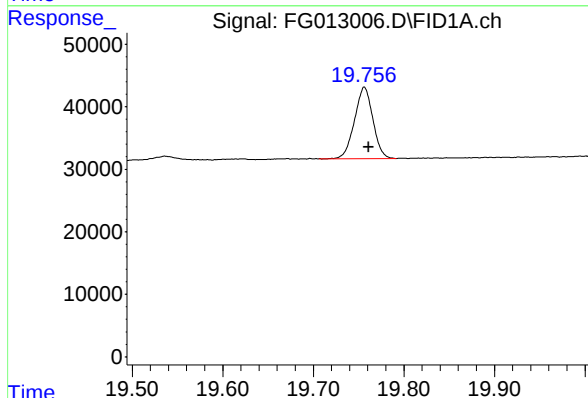
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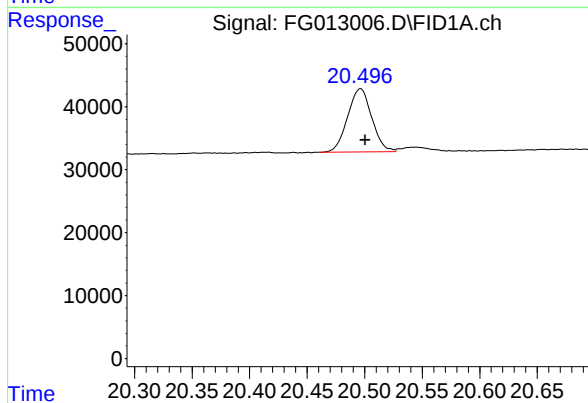
#14 N-DOTRIACONTANE

R.T.: 18.973 min
Delta R.T.: -0.005 min
Response: 173400
Conc: 1.56 ug/ml



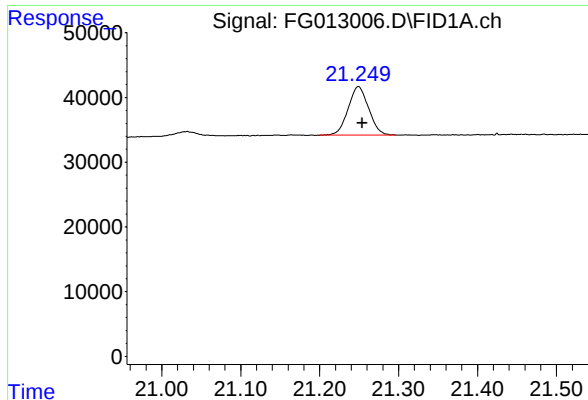
#15 N-TETRATRIACONTANE

R.T.: 19.756 min
Delta R.T.: -0.005 min
Response: 160922
Conc: 1.70 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.496 min
Delta R.T.: -0.004 min
Response: 146906
Conc: 1.99 ug/ml m



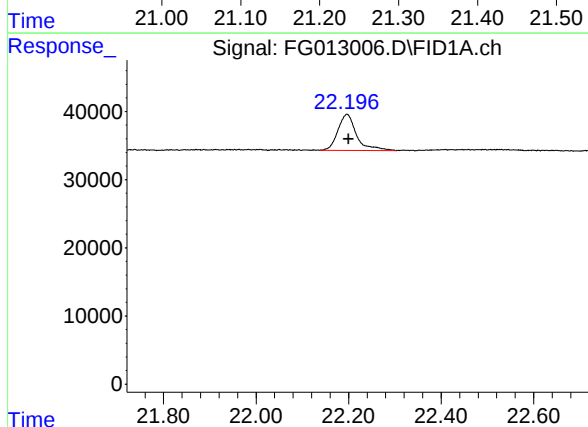
#17 N-OCTATRIACONTANE

R.T.: 21.249 min
Delta R.T.: -0.005 min
Response: 134753
Conc: 2.03 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.196 min
Delta R.T.: -0.004 min
Response: 149306
Conc: 2.37 ug/ml m