

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123\
 Data File : FG012551.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 23:26
 Operator : YP\AJ
 Sample : PB154347BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB154347BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e
 Quant Time: Jul 22 02:21:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 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...	14.974	1911748	17.889 ug/ml
Target Compounds			
1) N-OCTANE	2.006	2066183	17.197 ug/mlm
2) N-DECANE	4.514	2241931	18.393 ug/ml
3) N-DODECANE	6.683	2218600	18.110 ug/ml
4) N-TETRADECANE	8.511	2102818	17.695 ug/ml
5) N-HEXADECANE	10.119	2171144	17.315 ug/ml
6) N-OCTADECANE	11.563	2217609	17.263 ug/ml
7) N-EICOSANE	12.875	2209980	17.496 ug/ml
8) N-DOCOSANE	14.073	2153311	17.525 ug/ml
10) N-TETRACOSANE	15.179	2410813	18.222 ug/ml
11) N-HEXACOSANE	16.200	2077565	17.753 ug/ml
12) N-OCTACOSANE	17.152	2043414	17.897 ug/ml
13) N-TRIACONTANE	18.040	2027315	18.282 ug/ml
14) N-DOTRIACONTANE	18.873	1974018	18.887 ug/ml
15) N-TETRATRIACONTANE	19.659	1777771	18.055 ug/ml
16) N-HEXATRIACONTANE	20.399	1464465	15.833 ug/ml
17) N-OCTATRIACONTANE	21.134	1233097	13.828 ug/ml
18) N-TETRACONTANE	22.039	1169460	13.173 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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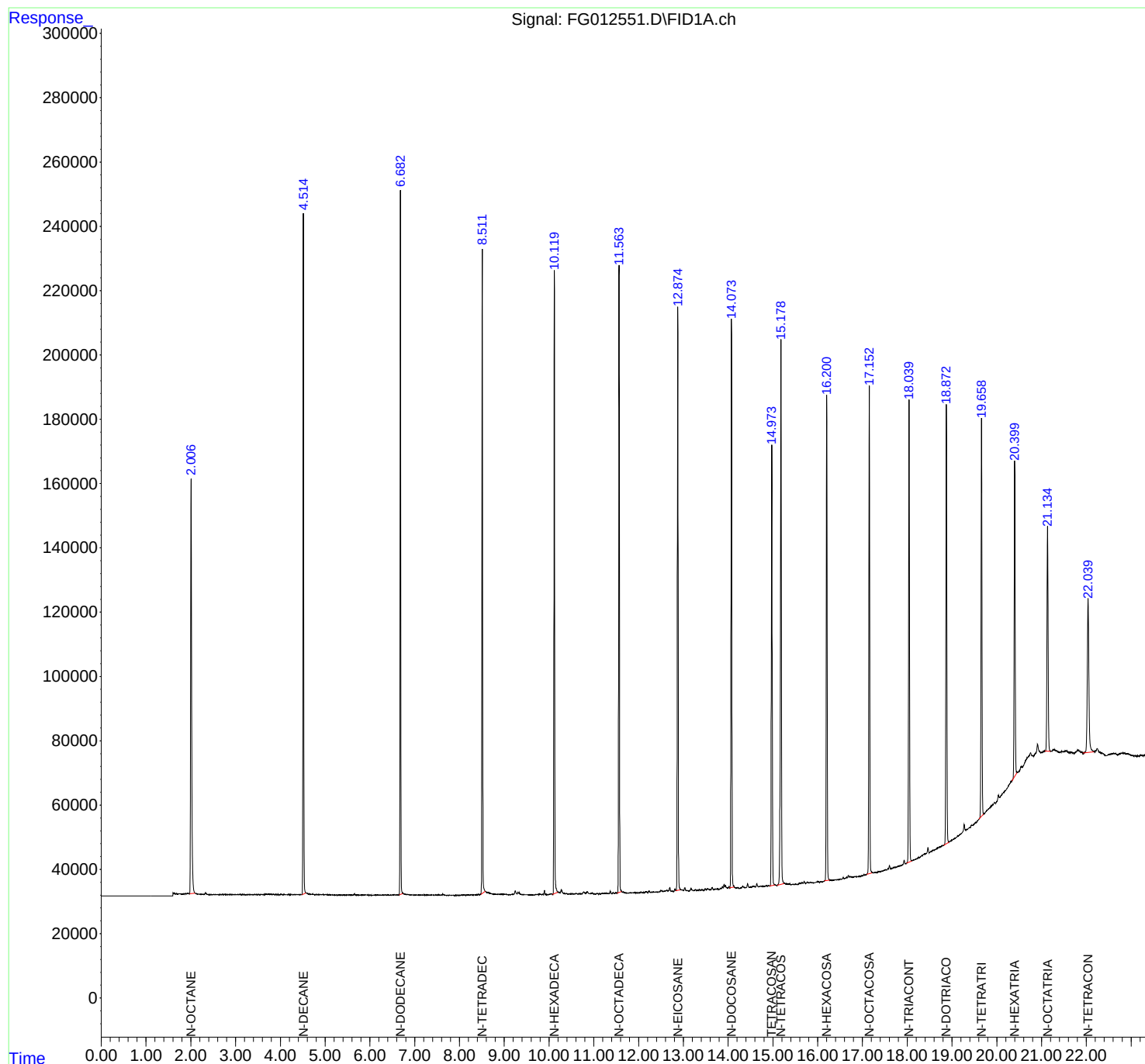
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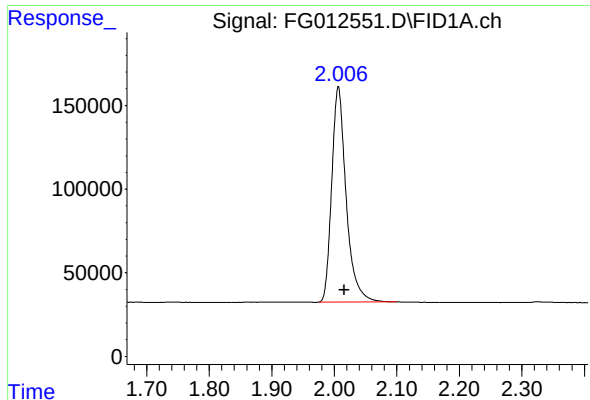
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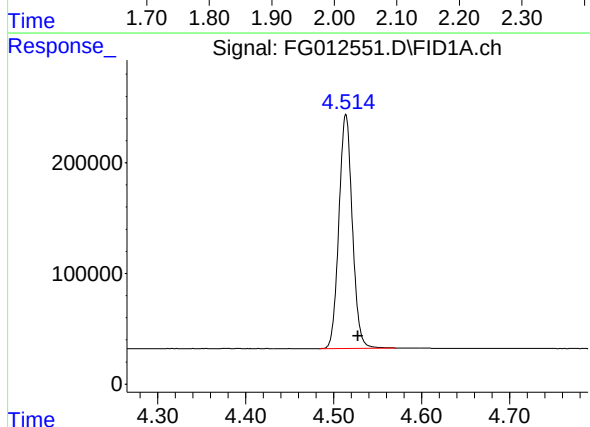
#1 N-OCTANE

R.T.: 2.006 min
Delta R.T.: -0.010 min
Response: 2066183
Conc: 17.20 ug/ml

Instrument :
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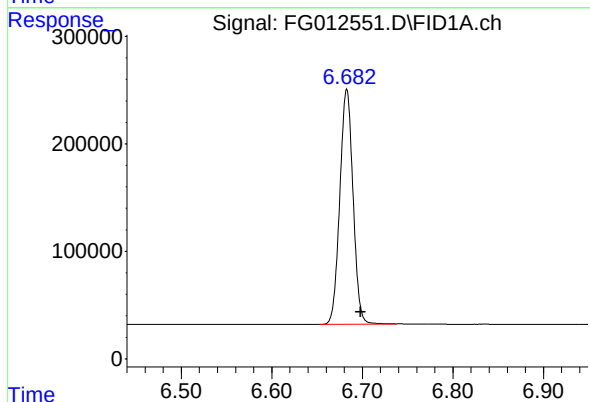
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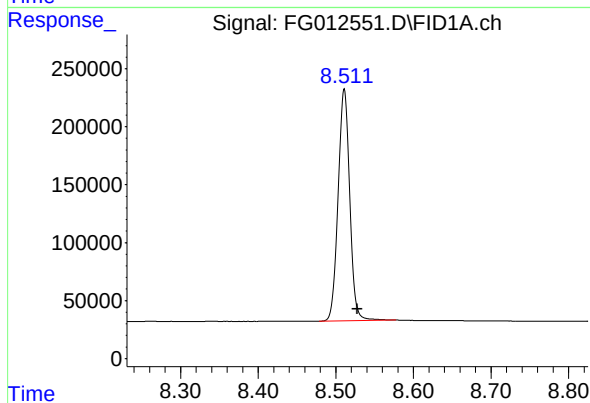
#2 N-DECANE

R.T.: 4.514 min
Delta R.T.: -0.014 min
Response: 2241931
Conc: 18.39 ug/ml



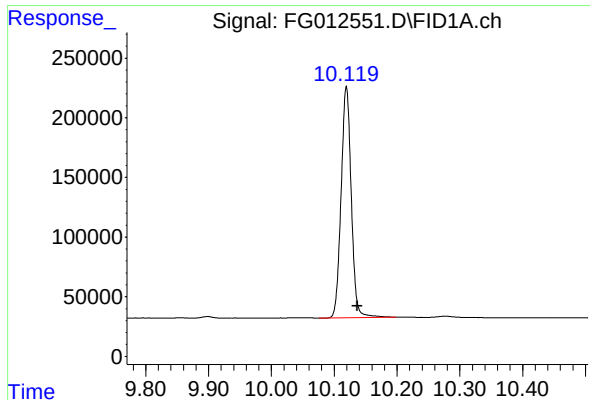
#3 N-DODECANE

R.T.: 6.683 min
Delta R.T.: -0.015 min
Response: 2218600
Conc: 18.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.511 min
Delta R.T.: -0.016 min
Response: 2102818
Conc: 17.70 ug/ml



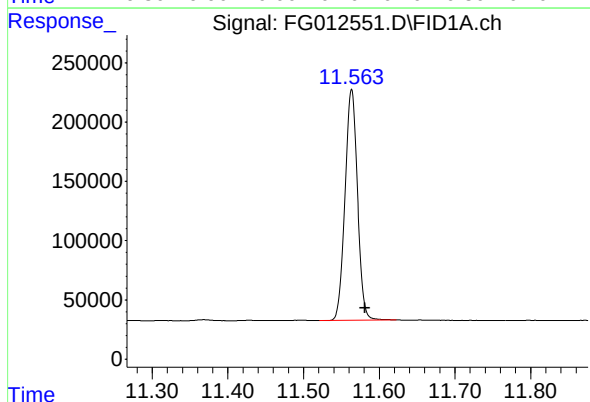
#5 N-HEXADECANE

R.T.: 10.119 min
Delta R.T.: -0.017 min
Response: 2171144
Conc: 17.32 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154347BS

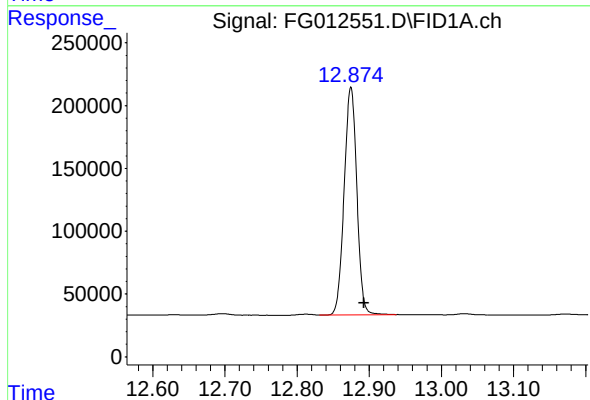
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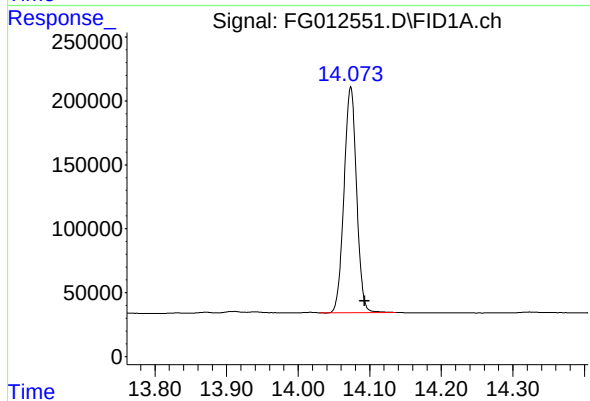
#6 N-OCTADECANE

R.T.: 11.563 min
Delta R.T.: -0.018 min
Response: 2217609
Conc: 17.26 ug/ml



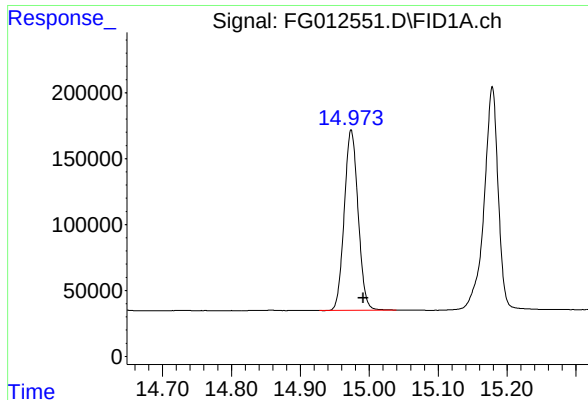
#7 N-EICOSANE

R.T.: 12.875 min
Delta R.T.: -0.018 min
Response: 2209980
Conc: 17.50 ug/ml



#8 N-DOCOSANE

R.T.: 14.073 min
Delta R.T.: -0.019 min
Response: 2153311
Conc: 17.53 ug/ml



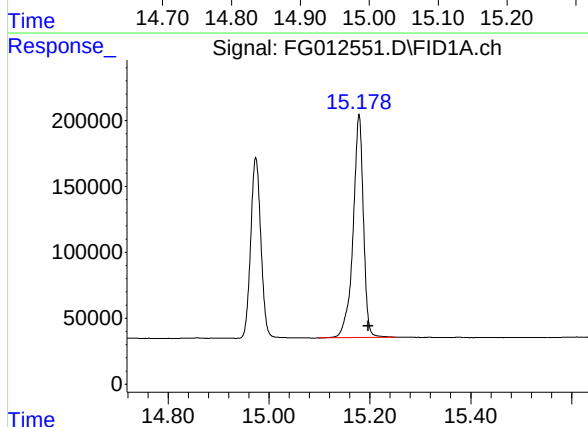
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.974 min
Delta R.T.: -0.017 min
Response: 1911748
Conc: 17.89 ug/ml

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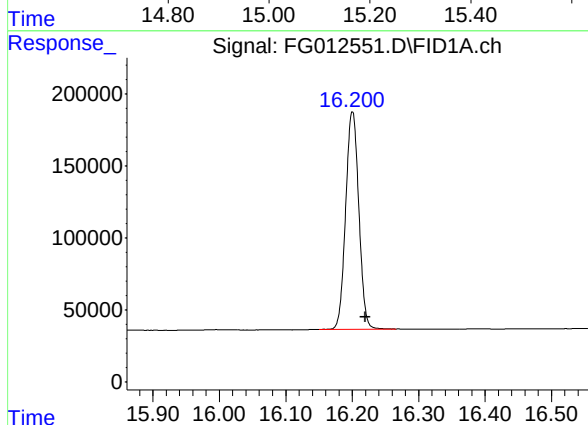
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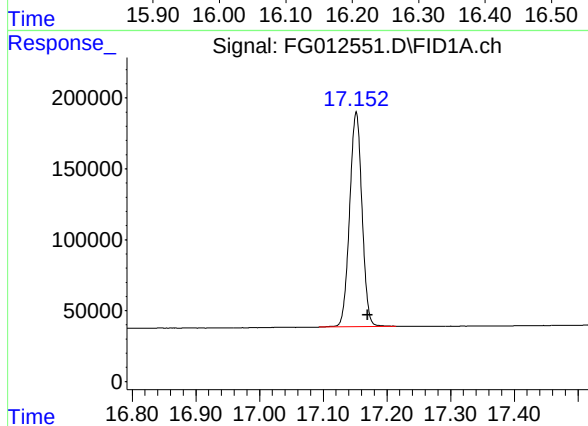
#10 N-TETRACOSANE

R.T.: 15.179 min
Delta R.T.: -0.019 min
Response: 2410813
Conc: 18.22 ug/ml



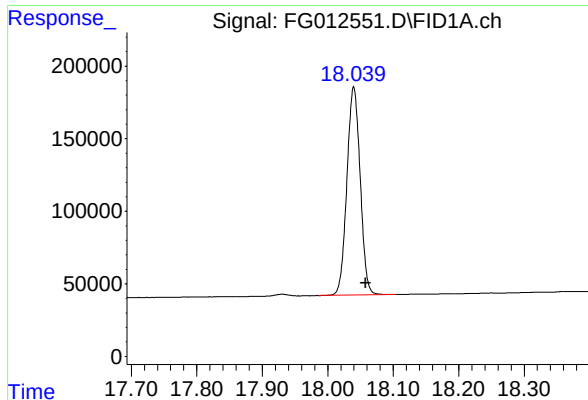
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.019 min
Response: 2077565
Conc: 17.75 ug/ml



#12 N-OCTACOSANE

R.T.: 17.152 min
Delta R.T.: -0.018 min
Response: 2043414
Conc: 17.90 ug/ml



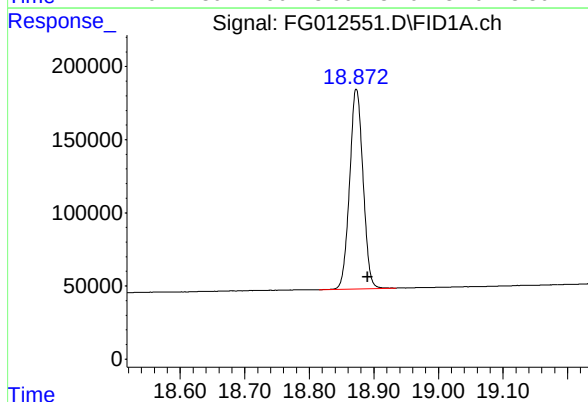
#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: -0.019 min
Response: 2027315
Conc: 18.28 ug/ml

Instrument :
FID_G
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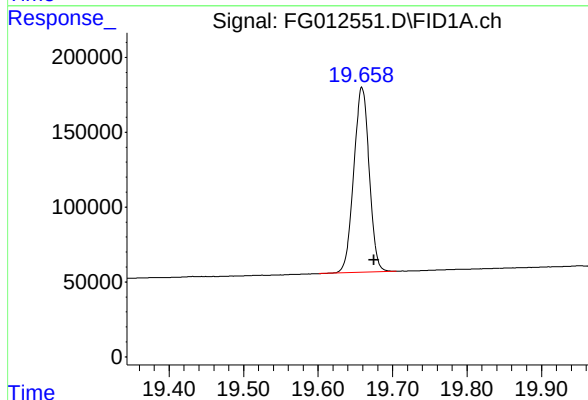
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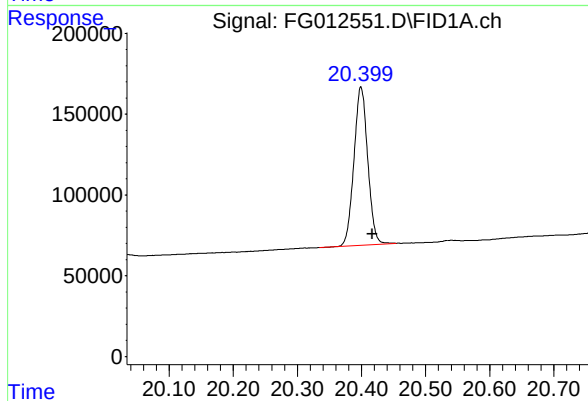
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.018 min
Response: 1974018
Conc: 18.89 ug/ml



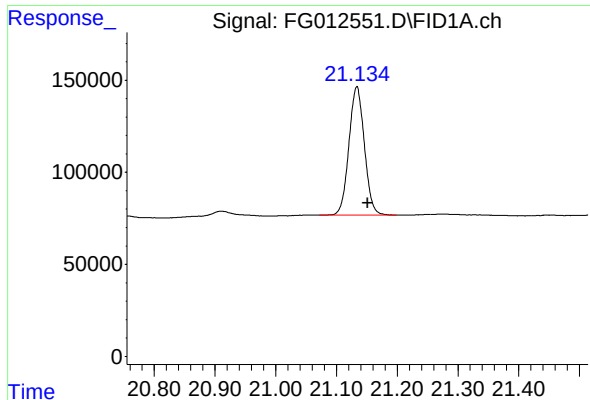
#15 N-TETRATRIACONTANE

R.T.: 19.659 min
Delta R.T.: -0.016 min
Response: 1777771
Conc: 18.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.399 min
Delta R.T.: -0.018 min
Response: 1464465
Conc: 15.83 ug/ml



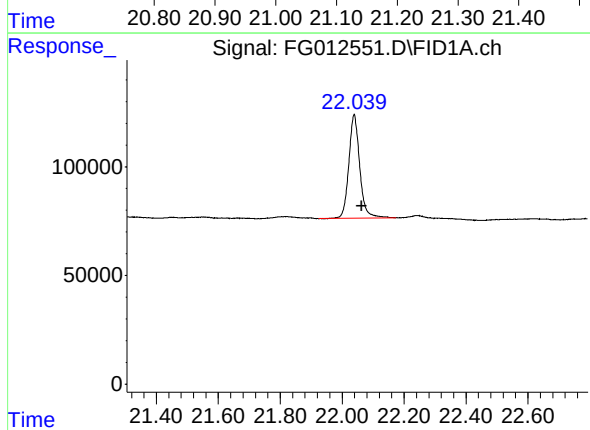
#17 N-OCTATRIACONTANE

R.T.: 21.134 min
Delta R.T.: -0.018 min
Response: 1233097
Conc: 13.83 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.039 min
Delta R.T.: -0.024 min
Response: 1169460
Conc: 13.17 ug/ml