

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092624\
 Data File : FG014348.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 12:26
 Operator : YP\AJ
 Sample : PB163692BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB163692BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 04:55:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG091124.M
 Quant Title :
 QLast Update : Tue Sep 10 17:27:02 2024
 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...	14.913	1794259	18.131 ug/ml
Target Compounds			
1) N-OCTANE	1.943	1754849	16.394 ug/ml
2) N-DECANE	4.436	1987149	18.974 ug/ml
3) N-DODECANE	6.610	2143193	20.839 ug/ml
4) N-TETRADECANE	8.444	2142067	20.417 ug/ml
5) N-HEXADECANE	10.053	2079557	18.960 ug/mlm
6) N-OCTADECANE	11.499	2303541	20.485 ug/ml
7) N-EICOSANE	12.811	2327211	20.505 ug/ml
8) N-DOCOSANE	14.012	2304039	20.783 ug/ml
10) N-TETRACOSANE	15.117	2318751	20.966 ug/ml
11) N-HEXACOSANE	16.140	2288093	20.805 ug/ml
12) N-OCTACOSANE	17.093	2239053	20.571 ug/ml
13) N-TRIACONTANE	17.982	2128781	19.142 ug/ml
14) N-DOTRIACONTANE	18.818	1713519	15.500 ug/ml
15) N-TETRATRIACONTANE	19.605	1171759	10.963 ug/ml
16) N-HEXATRIACONTANE	20.347	808362	7.644 ug/ml
17) N-OCTATRIACONTANE	21.078	630330	6.627 ug/ml
18) N-TETRACONTANE	21.972	535469	5.707 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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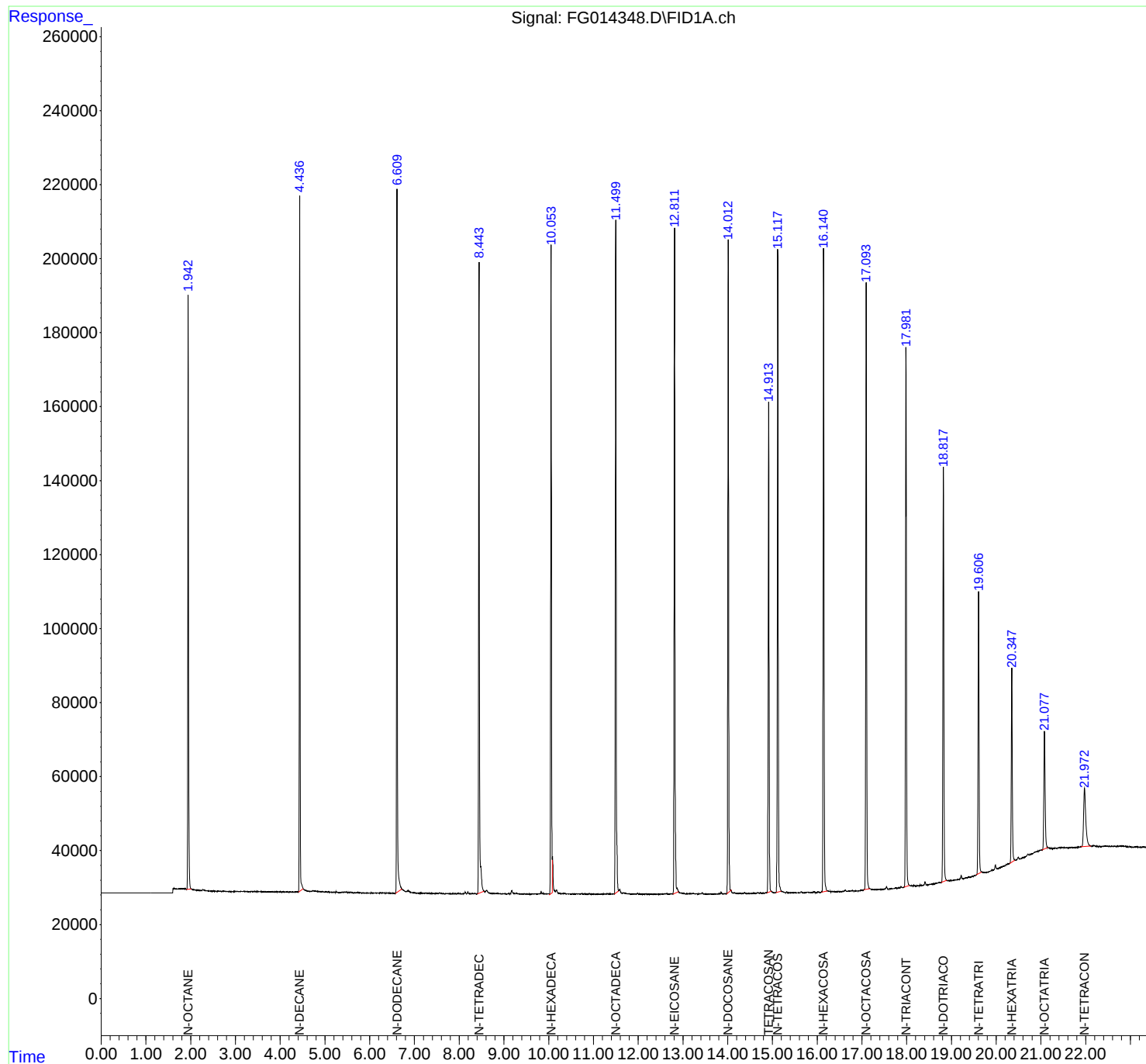
APPROVED

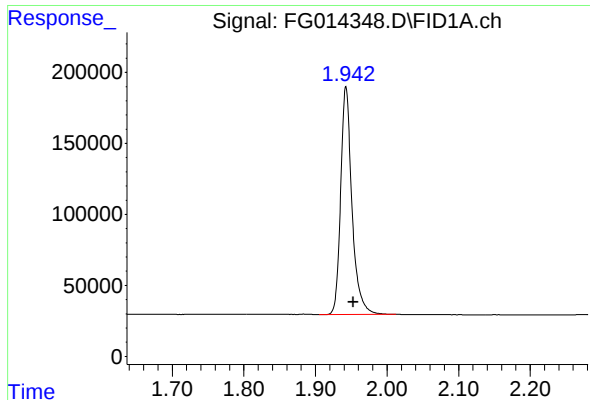
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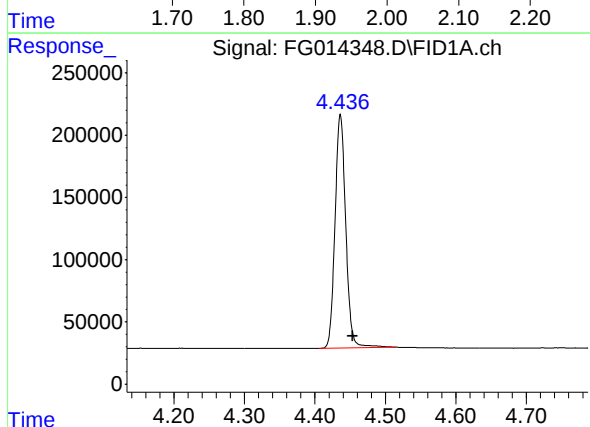
#1 N-OCTANE

R.T.: 1.943 min
Delta R.T.: -0.010 min
Response: 1754849
Conc: 16.39 ug/ml

Instrument :
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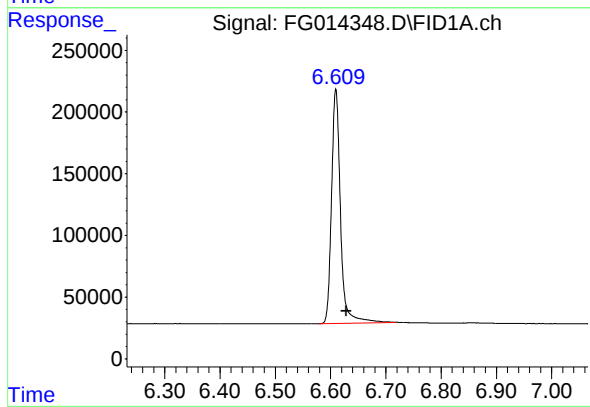
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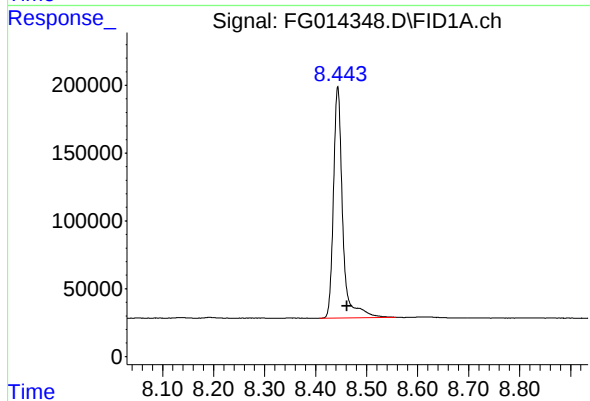
#2 N-DECANE

R.T.: 4.436 min
Delta R.T.: -0.018 min
Response: 1987149
Conc: 18.97 ug/ml



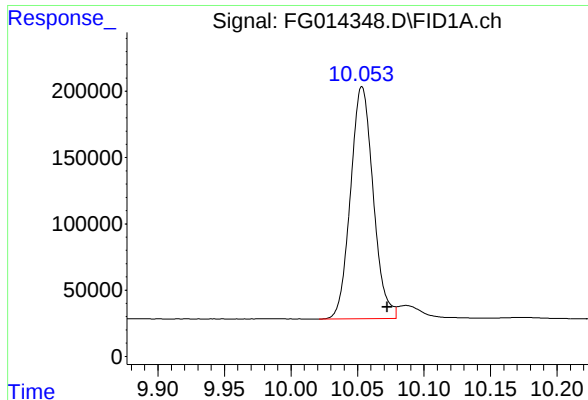
#3 N-DODECANE

R.T.: 6.610 min
Delta R.T.: -0.019 min
Response: 2143193
Conc: 20.84 ug/ml



#4 N-TETRADECANE

R.T.: 8.444 min
Delta R.T.: -0.018 min
Response: 2142067
Conc: 20.42 ug/ml



#5 N-HEXADECANE

R.T.: 10.053 min
Delta R.T.: -0.019 min
Response: 2079557
Conc: 18.96 ug/ml

Instrument :

FID_G

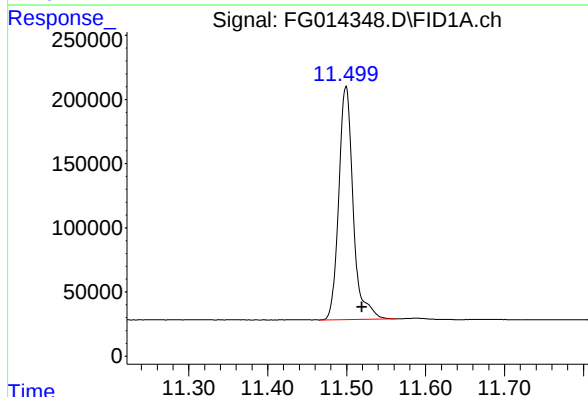
ClientSampleId :

PB163692BS

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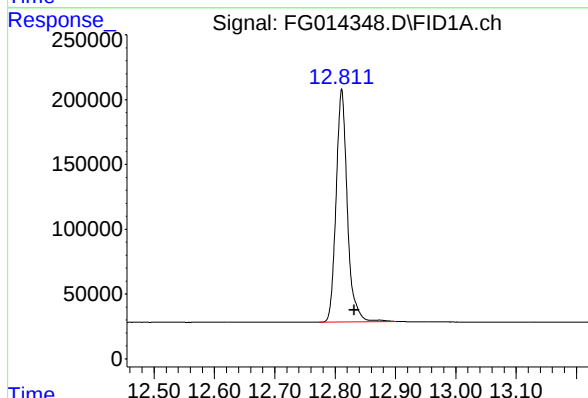
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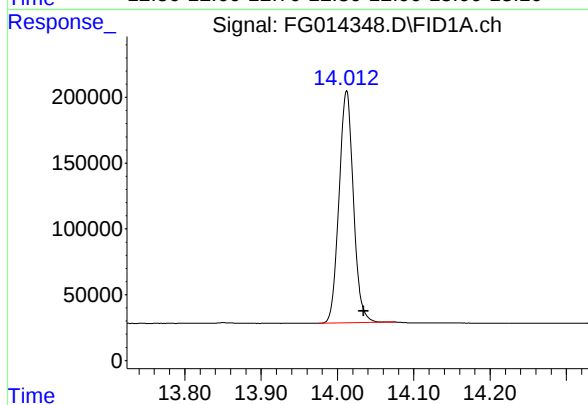
#6 N-OCTADECANE

R.T.: 11.499 min
Delta R.T.: -0.020 min
Response: 2303541
Conc: 20.49 ug/ml



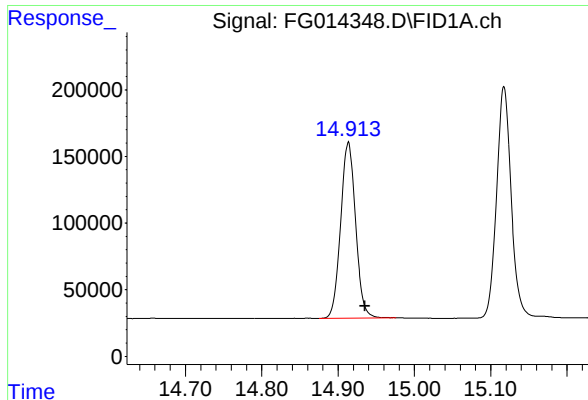
#7 N-EICOSANE

R.T.: 12.811 min
Delta R.T.: -0.021 min
Response: 2327211
Conc: 20.50 ug/ml



#8 N-DOCOSANE

R.T.: 14.012 min
Delta R.T.: -0.022 min
Response: 2304039
Conc: 20.78 ug/ml



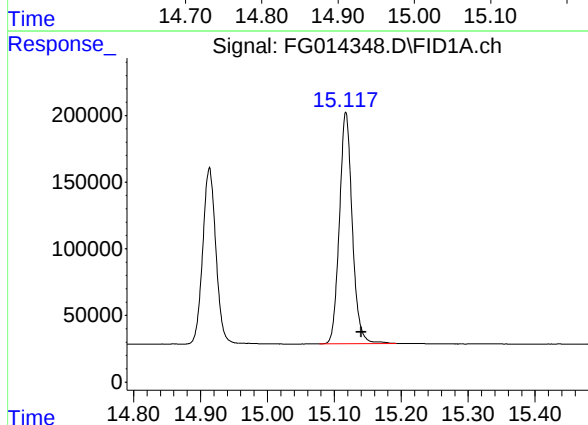
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.913 min
Delta R.T.: -0.022 min
Response: 1794259
Conc: 18.13 ug/ml

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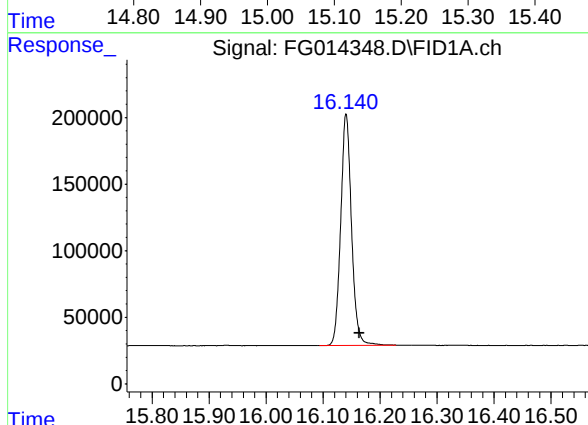
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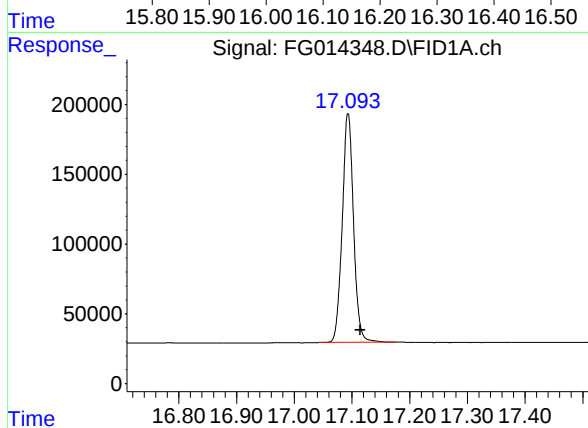
#10 N-TETRACOSANE

R.T.: 15.117 min
Delta R.T.: -0.023 min
Response: 2318751
Conc: 20.97 ug/ml



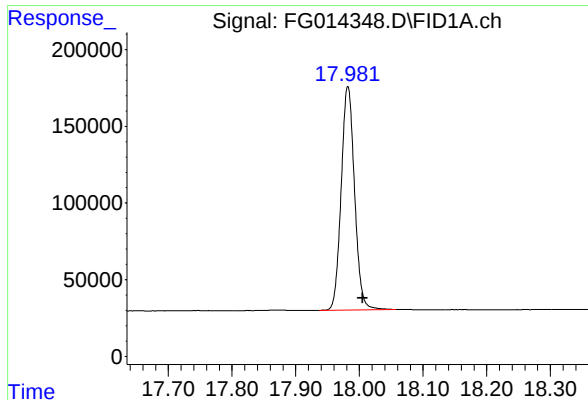
#11 N-HEXACOSANE

R.T.: 16.140 min
Delta R.T.: -0.023 min
Response: 2288093
Conc: 20.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.093 min
Delta R.T.: -0.021 min
Response: 2239053
Conc: 20.57 ug/ml



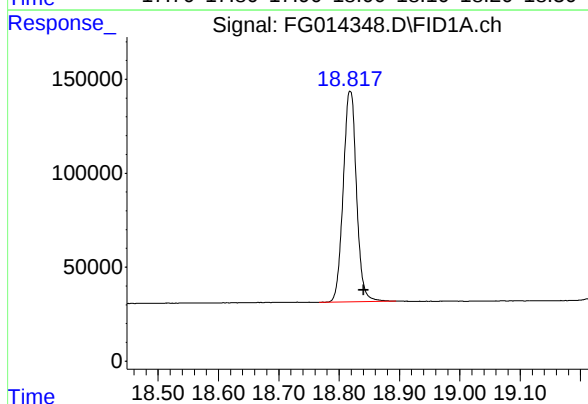
#13 N-TRIACONTANE

R.T.: 17.982 min
Delta R.T.: -0.023 min
Response: 2128781
Conc: 19.14 ug/ml

Instrument :
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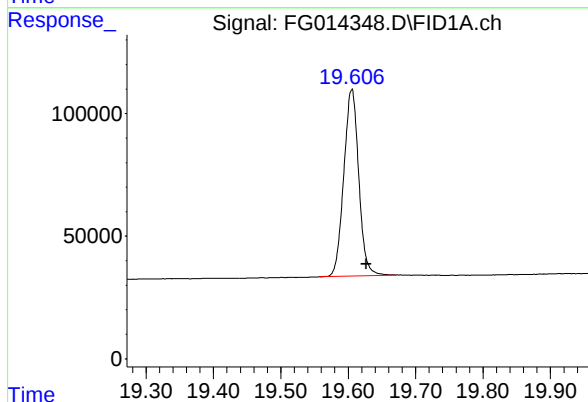
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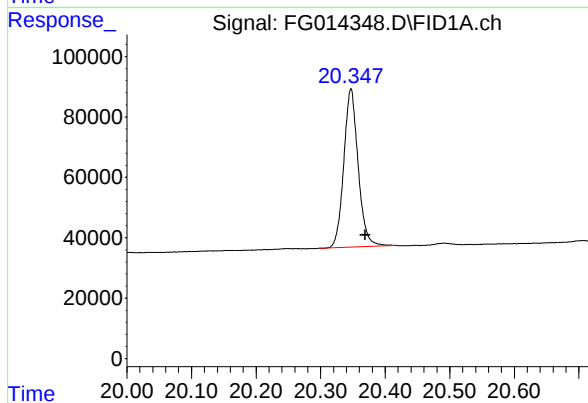
#14 N-DOTRIACONTANE

R.T.: 18.818 min
Delta R.T.: -0.022 min
Response: 1713519
Conc: 15.50 ug/ml



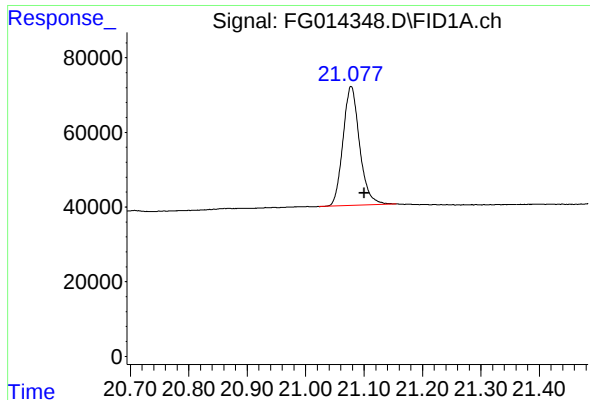
#15 N-TETRATRIACONTANE

R.T.: 19.605 min
Delta R.T.: -0.022 min
Response: 1171759
Conc: 10.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.347 min
Delta R.T.: -0.022 min
Response: 808362
Conc: 7.64 ug/ml



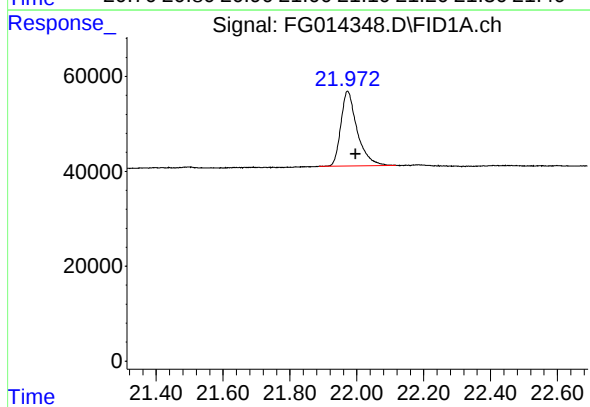
#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: -0.022 min
Response: 630330
Conc: 6.63 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.972 min
Delta R.T.: -0.024 min
Response: 535469
Conc: 5.71 ug/ml