

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042524\
 Data File : FG013694.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 15:12
 Operator : YP\AJ
 Sample : PB160499BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB160499BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 05:12:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 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...	15.073	1992695	17.135 ug/ml
Target Compounds			
1) N-OCTANE	2.059	1680737	13.725 ug/ml
2) N-DECANE	4.584	2071960	16.541 ug/ml
3) N-DODECANE	6.757	2164698	17.038 ug/ml
4) N-TETRADECANE	8.590	2228544	17.353 ug/ml
5) N-HEXADECANE	10.203	2269824	17.535 ug/ml
6) N-OCTADECANE	11.652	2327739	17.571 ug/ml
7) N-EICOSANE	12.967	2351831	17.456 ug/ml
8) N-DOCOSANE	14.171	2272081	17.332 ug/ml
10) N-TETRACOSANE	15.278	2249184	17.134 ug/ml
11) N-HEXACOSANE	16.302	2217538	16.971 ug/ml
12) N-OCTACOSANE	17.255	2156350	16.728 ug/ml
13) N-TRIACONTANE	18.145	2152578	16.587 ug/ml
14) N-DOTRIACONTANE	18.981	2103808	16.421 ug/ml
15) N-TETRATRIACONTANE	19.767	2109742	17.624 ug/ml
16) N-HEXATRIACONTANE	20.509	1950043	17.783 ug/ml
17) N-OCTATRIACONTANE	21.262	1482505	14.651 ug/mlm
18) N-TETRACONTANE	22.209	1284863	13.318 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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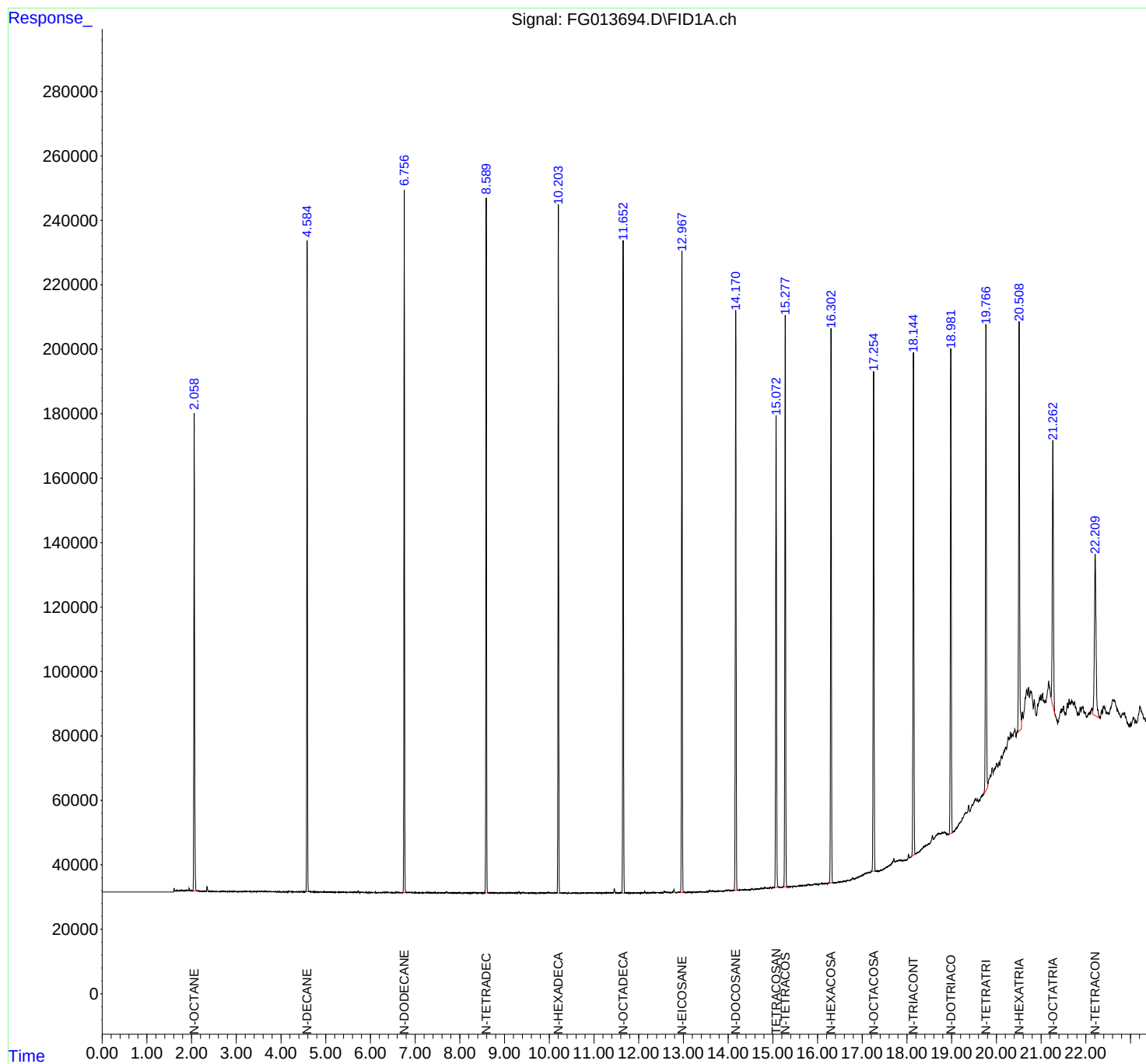
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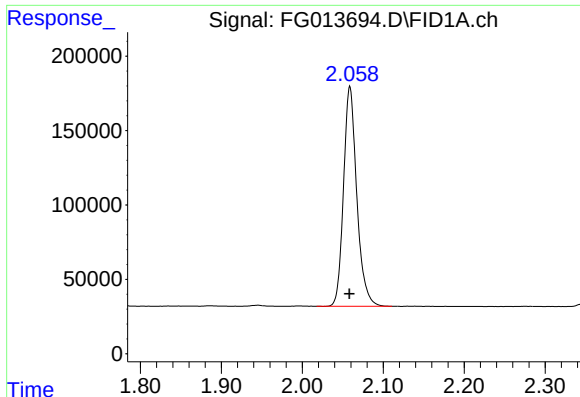
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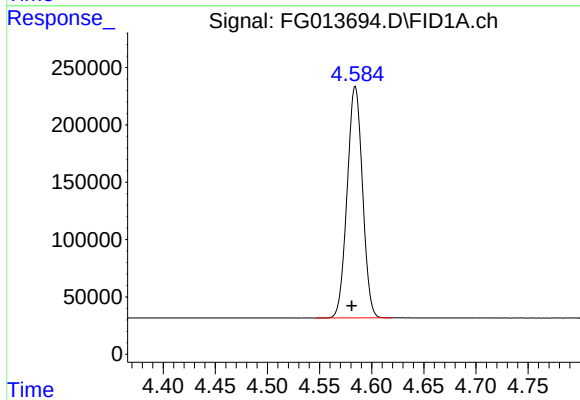
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: 0.000 min
Response: 1680737
Conc: 13.72 ug/ml

Instrument :
FID_G
ClientSampleId :
PB160499BS

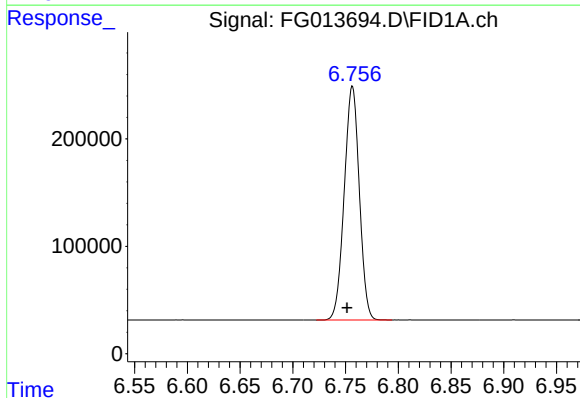
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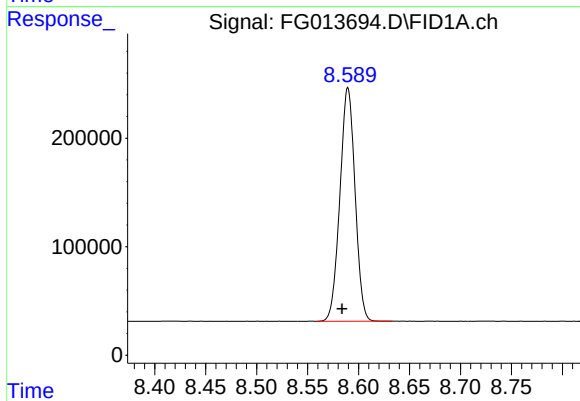
#2 N-DECANE

R.T.: 4.584 min
Delta R.T.: 0.003 min
Response: 2071960
Conc: 16.54 ug/ml



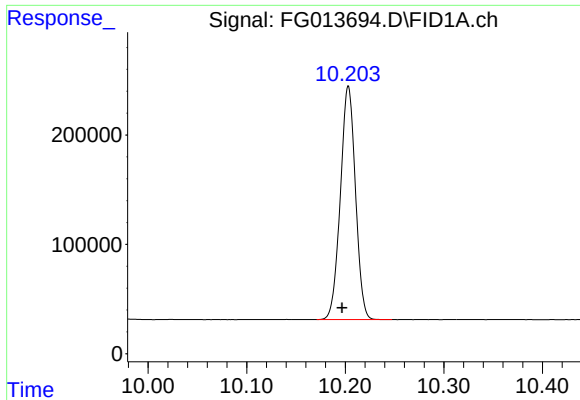
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: 0.005 min
Response: 2164698
Conc: 17.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.590 min
Delta R.T.: 0.006 min
Response: 2228544
Conc: 17.35 ug/ml



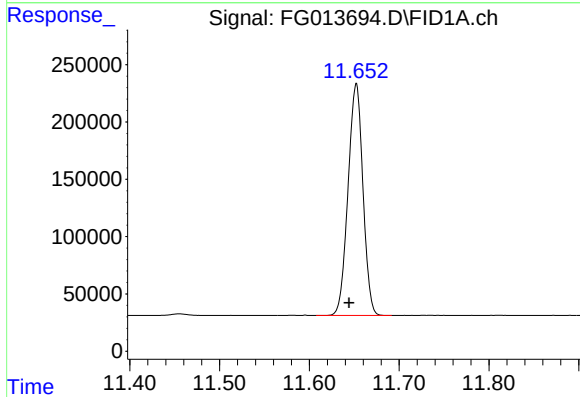
#5 N-HEXADECANE

R.T.: 10.203 min
Delta R.T.: 0.007 min
Response: 2269824
Conc: 17.54 ug/ml

Instrument :
FID_G
ClientSampleId :
PB160499BS

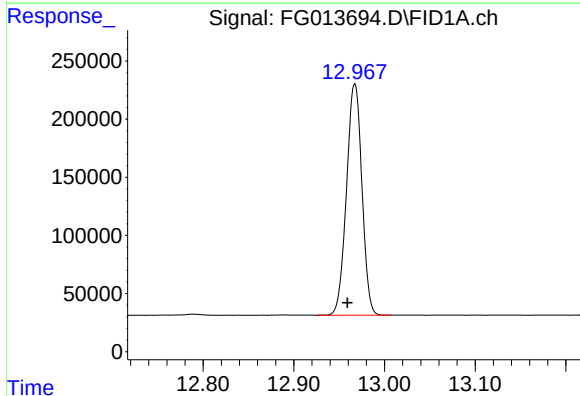
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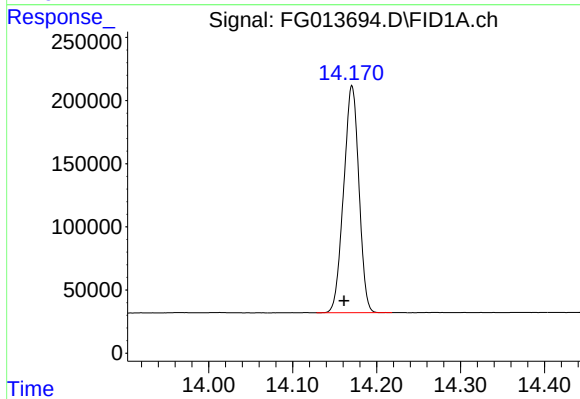
#6 N-OCTADECANE

R.T.: 11.652 min
Delta R.T.: 0.008 min
Response: 2327739
Conc: 17.57 ug/ml



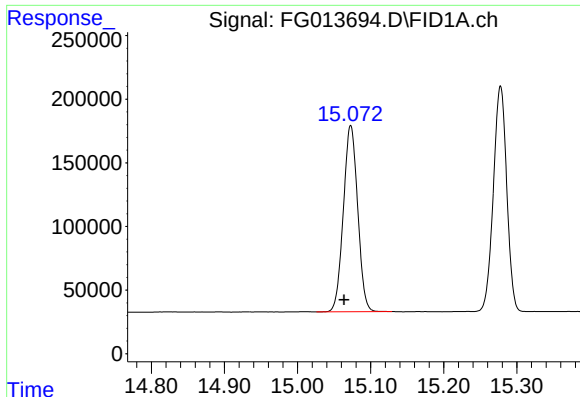
#7 N-EICOSANE

R.T.: 12.967 min
Delta R.T.: 0.008 min
Response: 2351831
Conc: 17.46 ug/ml



#8 N-DOCOSANE

R.T.: 14.171 min
Delta R.T.: 0.009 min
Response: 2272081
Conc: 17.33 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.073 min
Delta R.T.: 0.009 min
Response: 1992695
Conc: 17.13 ug/ml

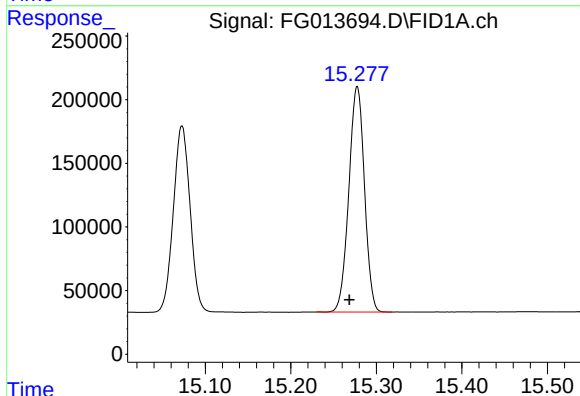
Instrument :

FID_G

ClientSampleId :
PB160499BS

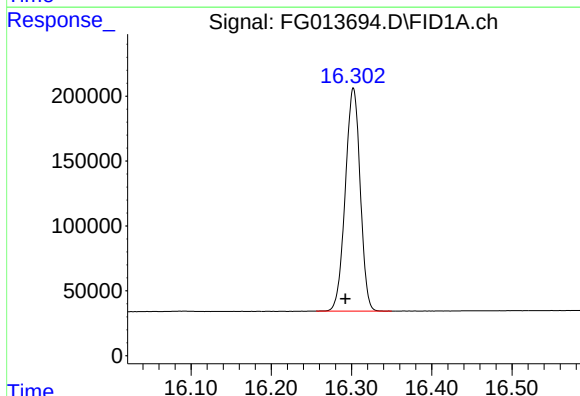
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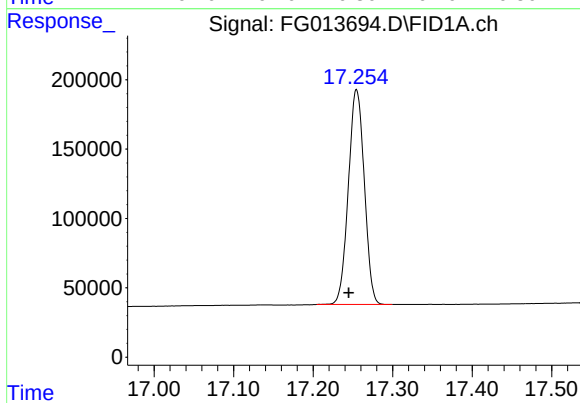
#10 N-TETRACOSANE

R.T.: 15.278 min
Delta R.T.: 0.009 min
Response: 2249184
Conc: 17.13 ug/ml



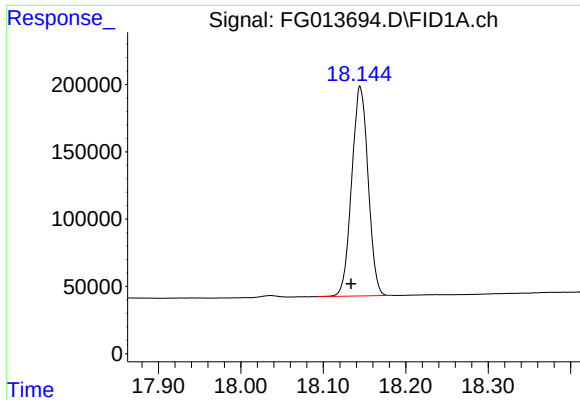
#11 N-HEXACOSANE

R.T.: 16.302 min
Delta R.T.: 0.010 min
Response: 2217538
Conc: 16.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.255 min
Delta R.T.: 0.010 min
Response: 2156350
Conc: 16.73 ug/ml



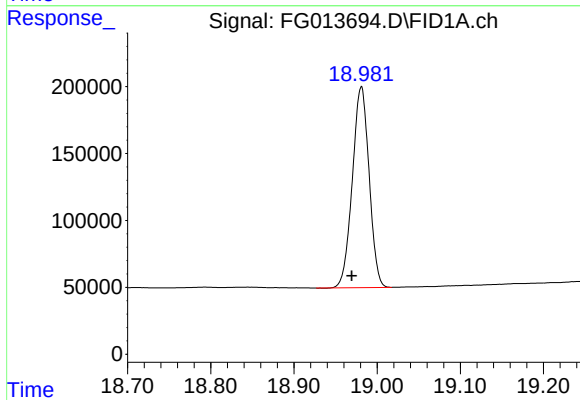
#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: 0.011 min
Response: 2152578
Conc: 16.59 ug/ml

Instrument :
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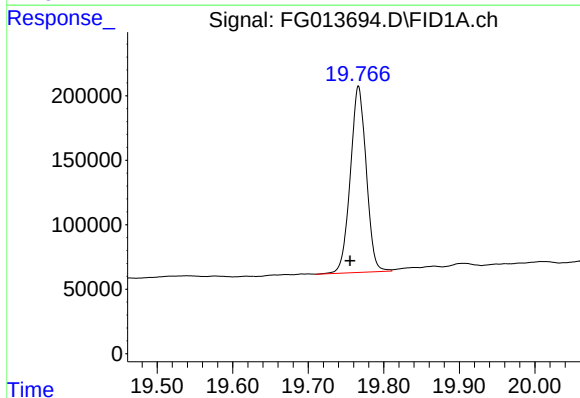
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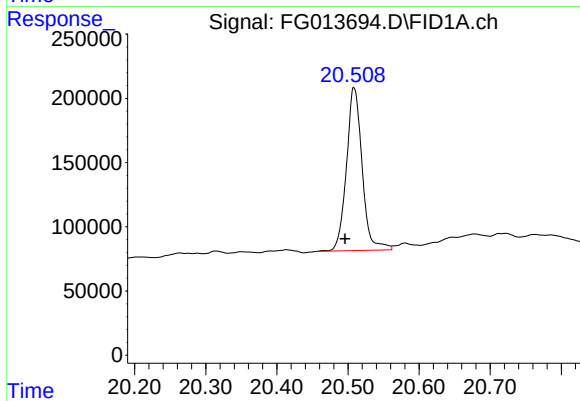
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: 0.012 min
Response: 2103808
Conc: 16.42 ug/ml



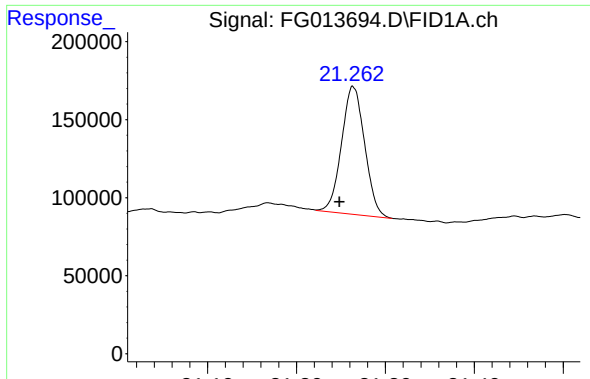
#15 N-TETRATRIACONTANE

R.T.: 19.767 min
Delta R.T.: 0.011 min
Response: 2109742
Conc: 17.62 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min
Delta R.T.: 0.012 min
Response: 1950043
Conc: 17.78 ug/ml



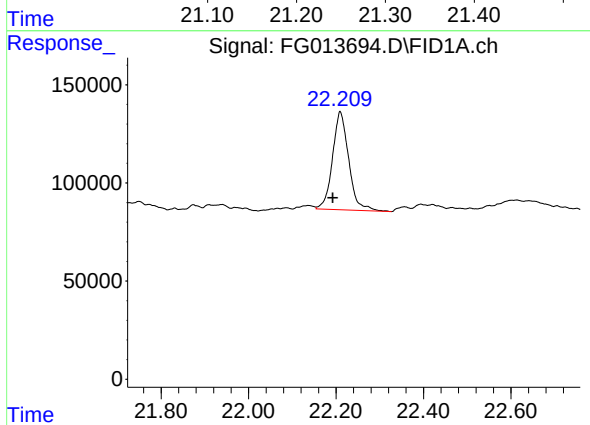
#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: 0.014 min
Response: 1482505
Conc: 14.65 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.209 min
Delta R.T.: 0.017 min
Response: 1284863
Conc: 13.32 ug/ml