

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015362.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 16:50
 Operator : YP\AJ
 Sample : PB166607BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166607BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 08 05:56:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 2025
 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...	15.040	1925692	15.012 ug/ml
Target Compounds			
1) N-OCTANE	1.997	1786998	14.645 ug/ml
2) N-DECANE	4.534	2292070	17.744 ug/ml
3) N-DODECANE	6.716	2381215	17.478 ug/ml
4) N-TETRADECANE	8.553	2432526	17.773 ug/ml
5) N-HEXADECANE	10.168	2481467	17.585 ug/ml
6) N-OCTADECANE	11.618	2550812	17.389 ug/ml
7) N-EICOSANE	12.934	2580140	17.747 ug/ml
8) N-DOCOSANE	14.138	2497167	17.406 ug/ml
10) N-TETRACOSANE	15.244	2490496	17.437 ug/ml
11) N-HEXACOSANE	16.269	2446072	17.368 ug/ml
12) N-OCTACOSANE	17.222	2412998	17.232 ug/ml
13) N-TRIACONTANE	18.112	2430046	17.081 ug/ml
14) N-DOTRIACONTANE	18.946	2435048	17.520 ug/ml
15) N-TETRATRIACONTANE	19.733	2485146	19.834 ug/mlm
16) N-HEXATRIACONTANE	20.477	2504211	23.174 ug/mlm
17) N-OCTATRIACONTANE	21.222	2457856	24.917 ug/mlm
18) N-TETRACONTANE	22.161	2428814	26.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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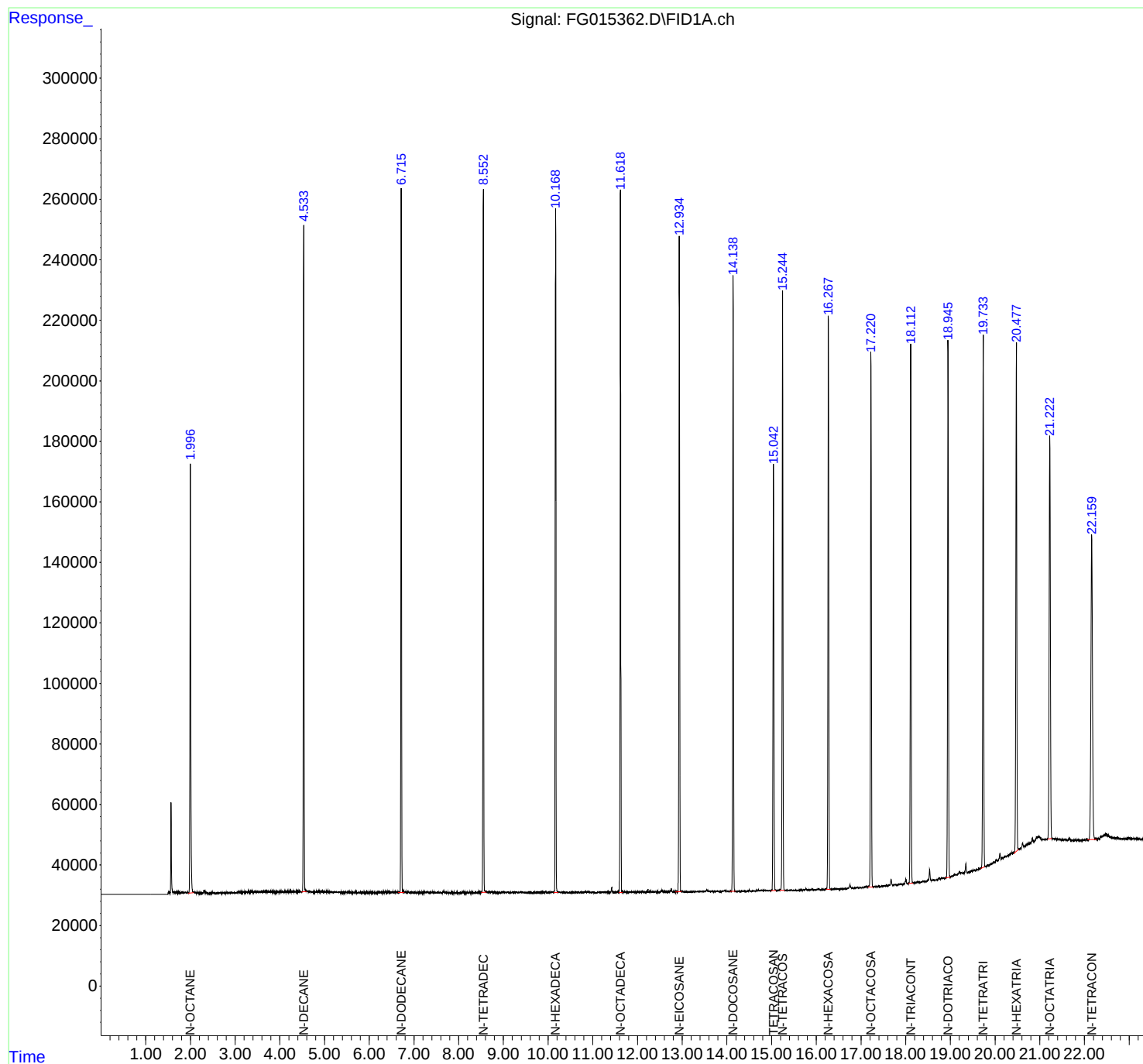
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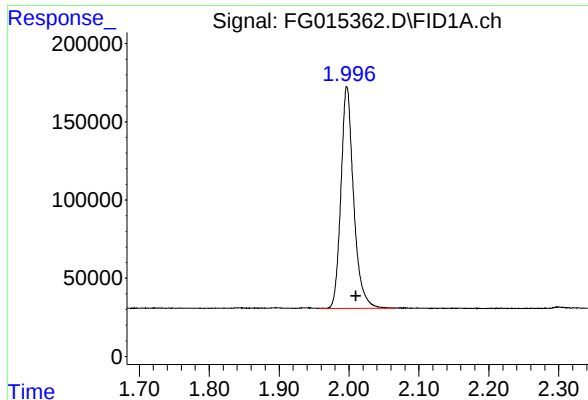
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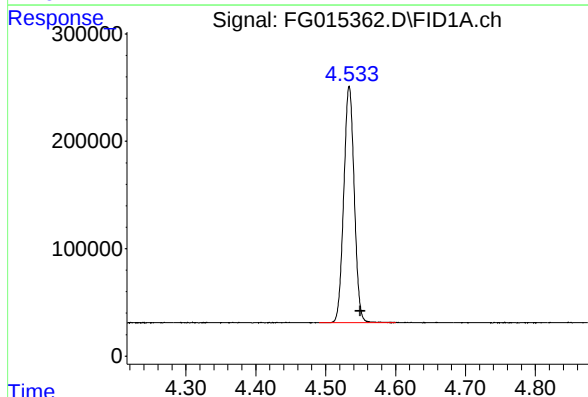
#1 N-OCTANE

R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 1786998
Conc: 14.64 ug/ml

Instrument :
FID_G
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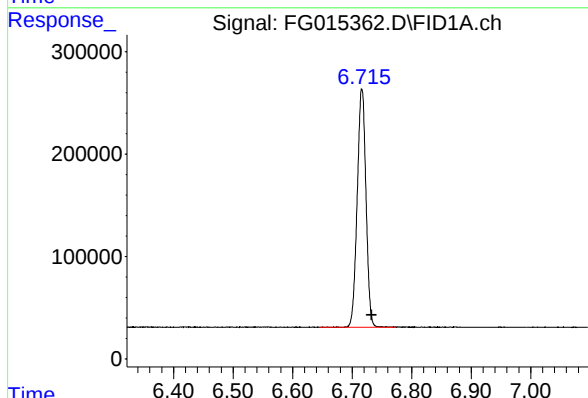
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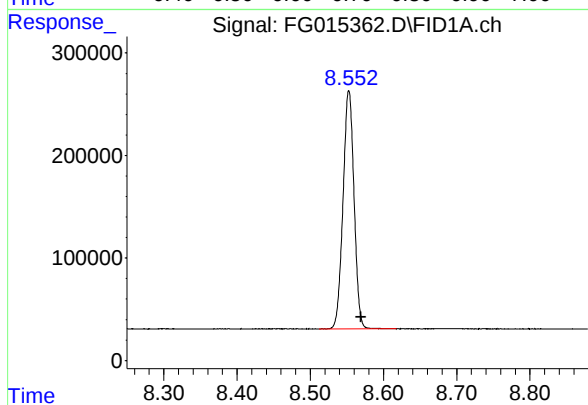
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.016 min
Response: 2292070
Conc: 17.74 ug/ml



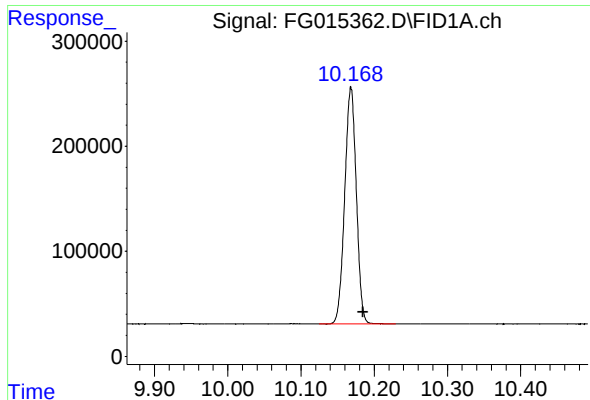
#3 N-DODECANE

R.T.: 6.716 min
Delta R.T.: -0.016 min
Response: 2381215
Conc: 17.48 ug/ml



#4 N-TETRADECANE

R.T.: 8.553 min
Delta R.T.: -0.017 min
Response: 2432526
Conc: 17.77 ug/ml



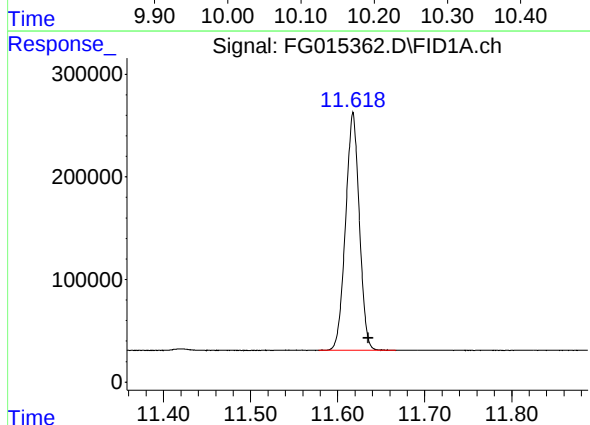
#5 N-HEXADECANE

R.T.: 10.168 min
Delta R.T.: -0.016 min
Response: 2481467
Conc: 17.59 ug/ml

Instrument :
FID_G
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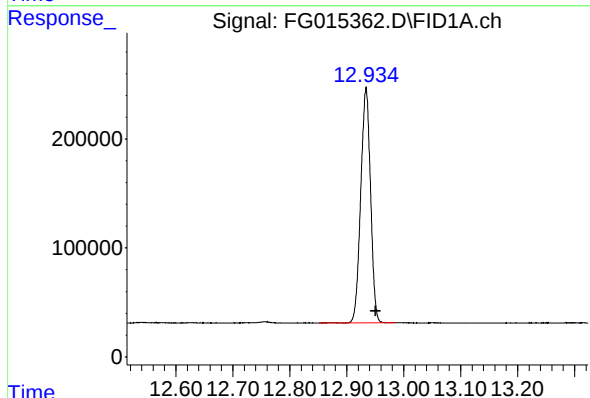
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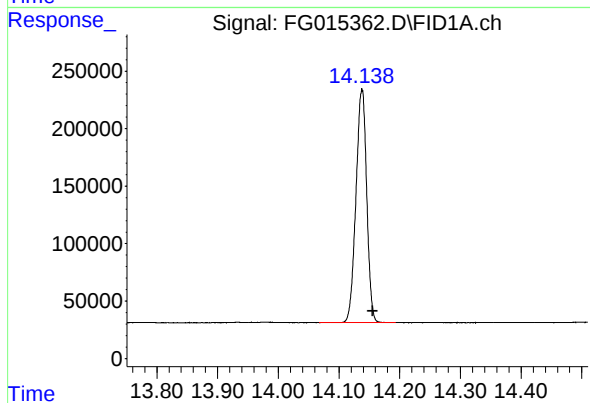
#6 N-OCTADECANE

R.T.: 11.618 min
Delta R.T.: -0.017 min
Response: 2550812
Conc: 17.39 ug/ml



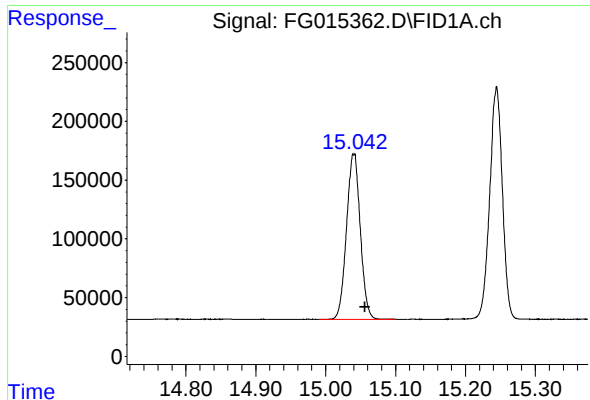
#7 N-EICOSANE

R.T.: 12.934 min
Delta R.T.: -0.017 min
Response: 2580140
Conc: 17.75 ug/ml



#8 N-DOCOSANE

R.T.: 14.138 min
Delta R.T.: -0.017 min
Response: 2497167
Conc: 17.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: -0.016 min
Response: 1925692
Conc: 15.01 ug/ml

Instrument :

FID_G

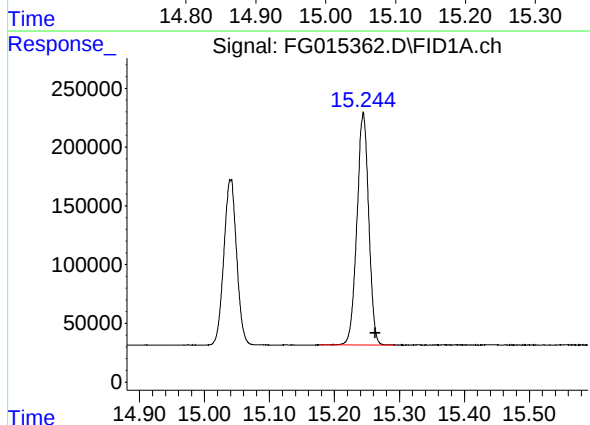
ClientSampleId :

PB166607BS

Manual Integrations

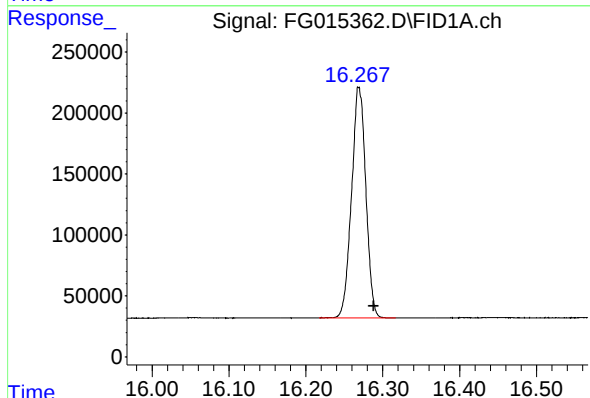
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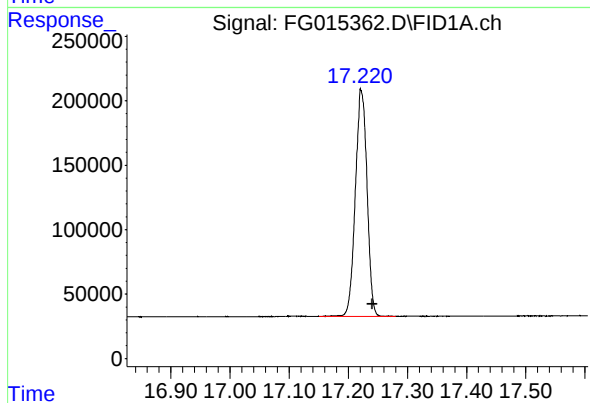
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: -0.019 min
Response: 2490496
Conc: 17.44 ug/ml



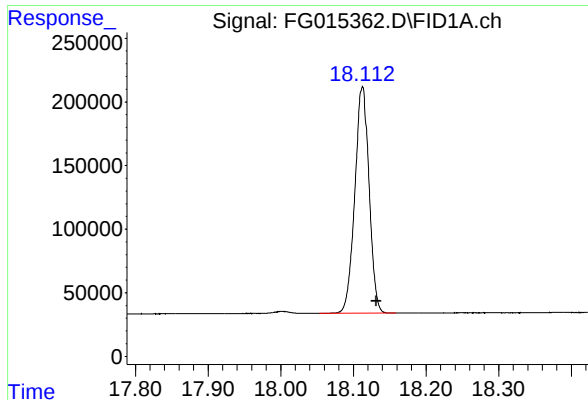
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: -0.019 min
Response: 2446072
Conc: 17.37 ug/ml



#12 N-OCTACOSANE

R.T.: 17.222 min
Delta R.T.: -0.019 min
Response: 2412998
Conc: 17.23 ug/ml



#13 N-TRIACONTANE

R.T.: 18.112 min
Delta R.T.: -0.019 min
Response: 2430046
Conc: 17.08 ug/ml

Instrument :

FID_G

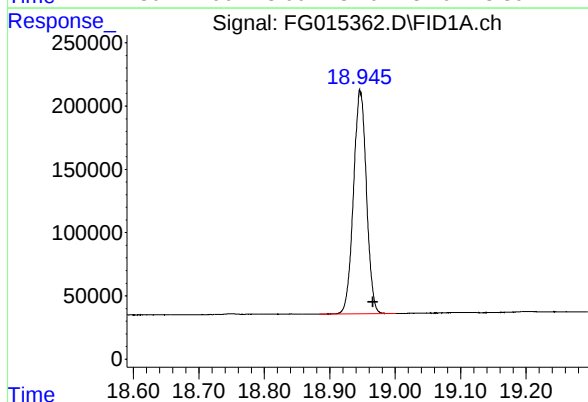
ClientSampleId :

PB166607BS

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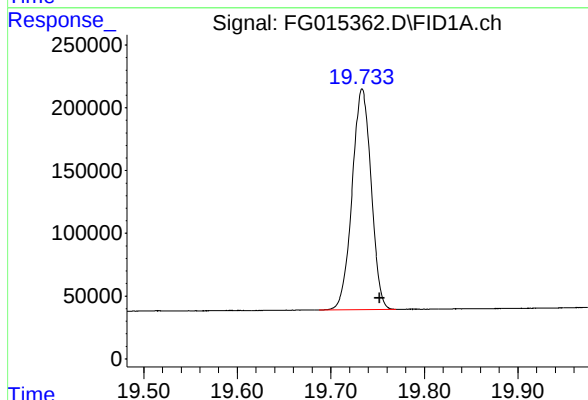
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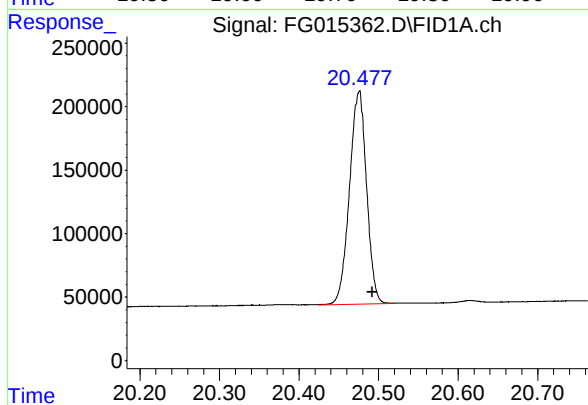
#14 N-DOTRIACONTANE

R.T.: 18.946 min
Delta R.T.: -0.019 min
Response: 2435048
Conc: 17.52 ug/ml



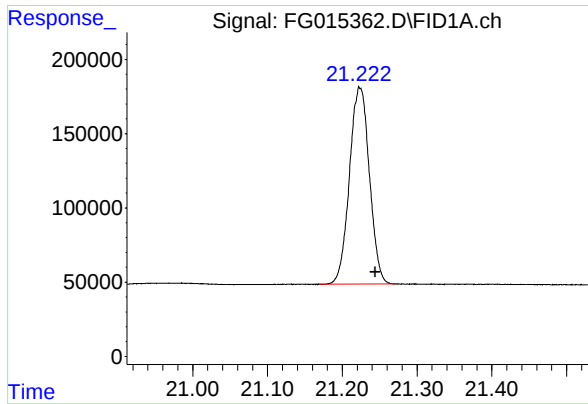
#15 N-TETRATRIACONTANE

R.T.: 19.733 min
Delta R.T.: -0.019 min
Response: 2485146
Conc: 19.83 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.477 min
Delta R.T.: -0.016 min
Response: 2504211
Conc: 23.17 ug/ml m



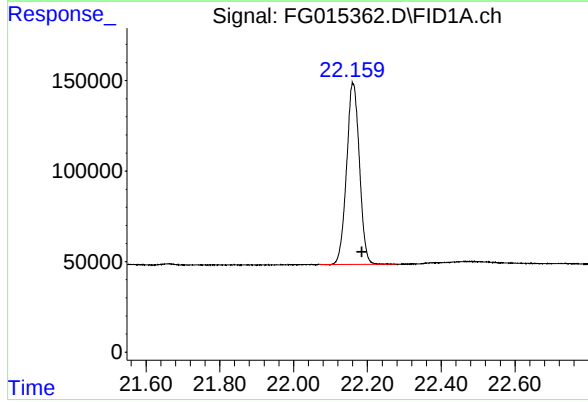
#17 N-OCTATRIACONTANE

R.T.: 21.222 min
Delta R.T.: -0.022 min
Response: 2457856
Conc: 24.92 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.161 min
Delta R.T.: -0.024 min
Response: 2428814
Conc: 26.16 ug/ml