

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012209.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2023 15:42
 Operator : YP\AJ
 Sample : PB153546BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB153546BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 04:11:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 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...	14.999	2063285	15.475 ug/ml
Target Compounds			
1) N-OCTANE	2.028	2207867	15.875 ug/ml
2) N-DECANE	4.534	2759674	18.730 ug/ml
3) N-DODECANE	6.703	2833399	18.876 ug/ml
4) N-TETRADECANE	8.533	2840023	18.956 ug/ml
5) N-HEXADECANE	10.142	2971279	18.990 ug/ml
6) N-OCTADECANE	11.587	3029874	19.052 ug/ml
7) N-EICOSANE	12.898	2955866	18.627 ug/ml
8) N-DOCOSANE	14.098	2883005	18.869 ug/ml
10) N-TETRACOSANE	15.203	2805799	18.783 ug/ml
11) N-HEXACOSANE	16.225	2693717	19.021 ug/ml
12) N-OCTACOSANE	17.177	2586231	19.104 ug/ml
13) N-TRIACONTANE	18.066	2533784	19.123 ug/ml
14) N-DOTRIACONTANE	18.898	2390794	18.730 ug/ml
15) N-TETRATRIACONTANE	19.683	2014754	16.553 ug/ml
16) N-HEXATRIACONTANE	20.422	1555097	12.689 ug/mlm
17) N-OCTATRIACONTANE	21.162	1345065	10.542 ug/ml
18) N-TETRACONTANE	22.077	1269240	9.585 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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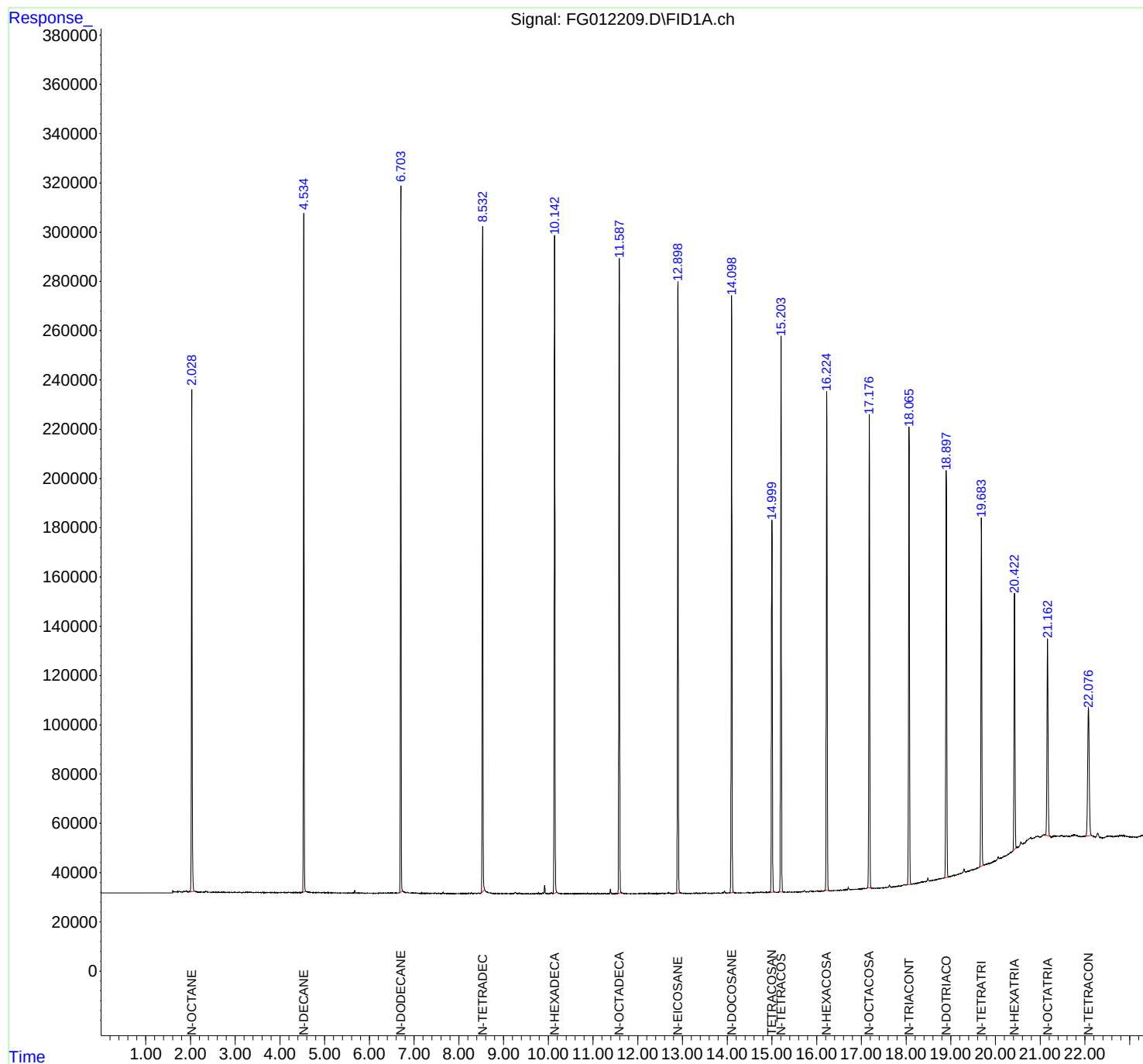
APPROVED

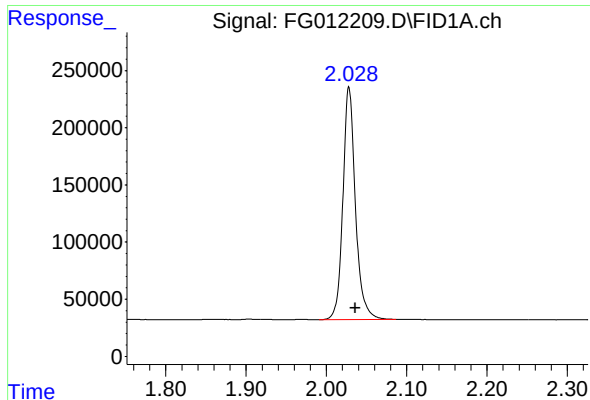
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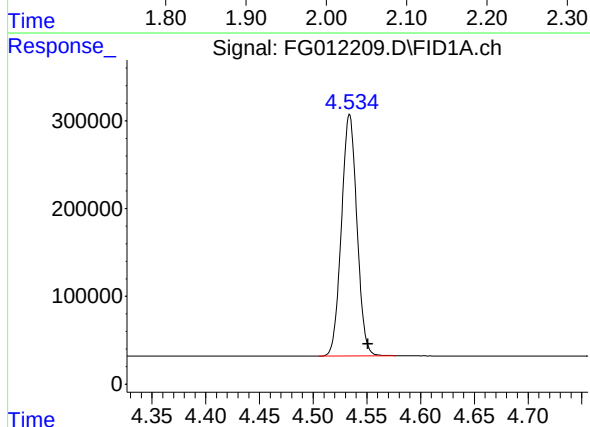
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.008 min
Response: 2207867
Conc: 15.88 ug/ml

Instrument :
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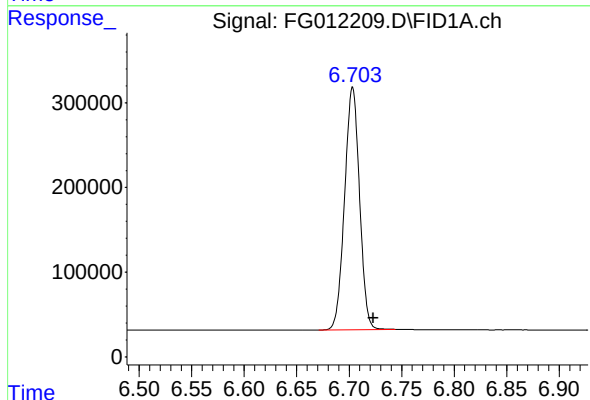
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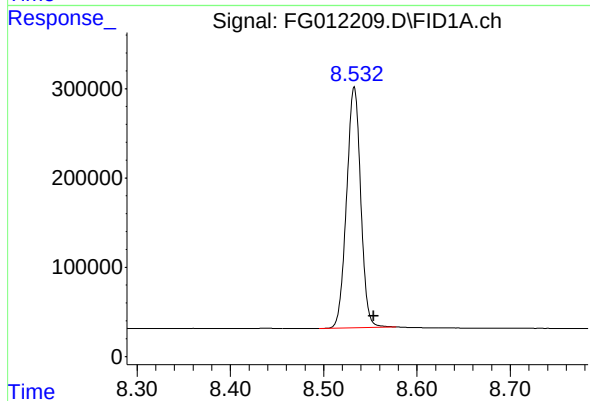
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.017 min
Response: 2759674
Conc: 18.73 ug/ml



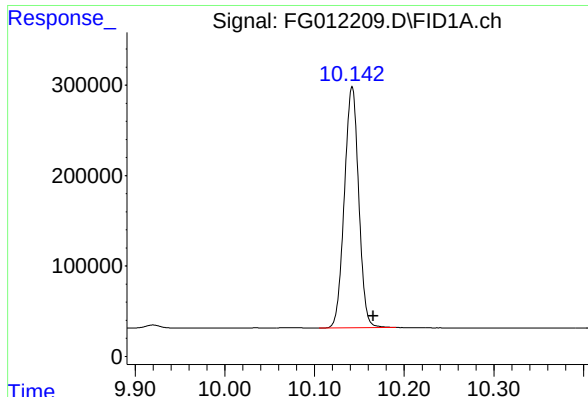
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.020 min
Response: 2833399
Conc: 18.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.533 min
Delta R.T.: -0.021 min
Response: 2840023
Conc: 18.96 ug/ml



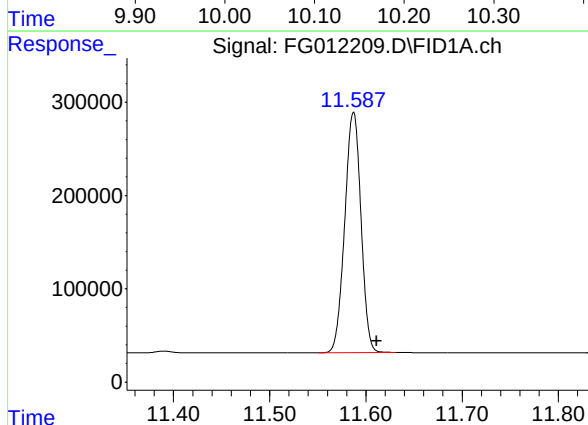
#5 N-HEXADECANE

R.T.: 10.142 min
Delta R.T.: -0.023 min
Response: 2971279
Conc: 18.99 ug/ml

Instrument :
FID_G
ClientSampleId :
PB153546BS

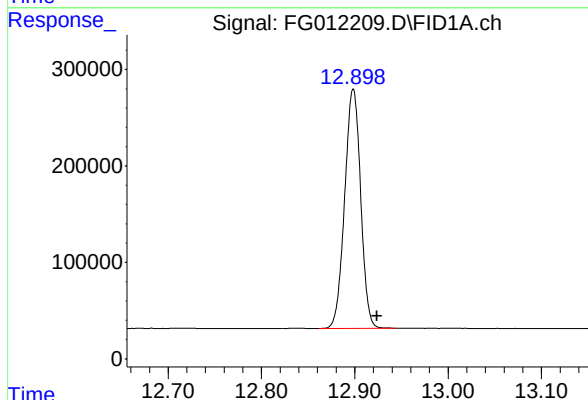
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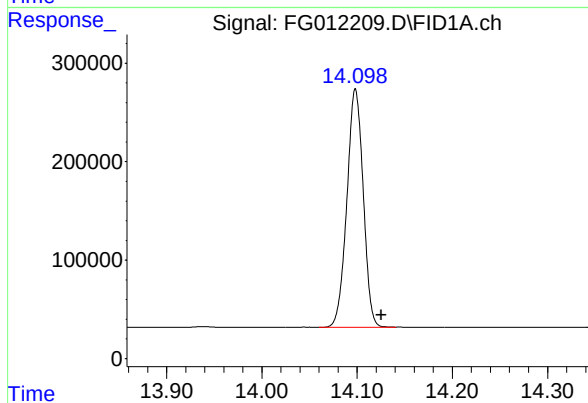
#6 N-OCTADECANE

R.T.: 11.587 min
Delta R.T.: -0.024 min
Response: 3029874
Conc: 19.05 ug/ml



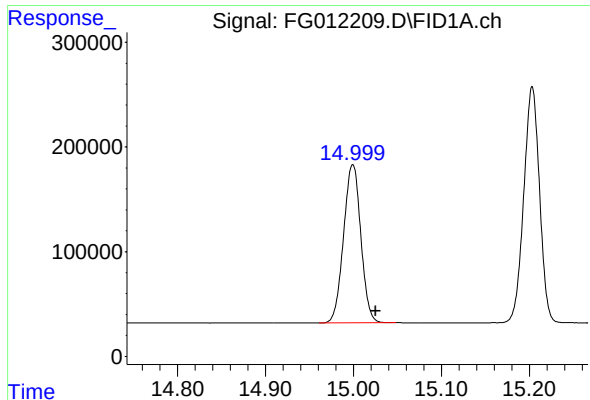
#7 N-EICOSANE

R.T.: 12.898 min
Delta R.T.: -0.025 min
Response: 2955866
Conc: 18.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.098 min
Delta R.T.: -0.027 min
Response: 2883005
Conc: 18.87 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.999 min
Delta R.T.: -0.026 min
Response: 2063285
Conc: 15.47 ug/ml

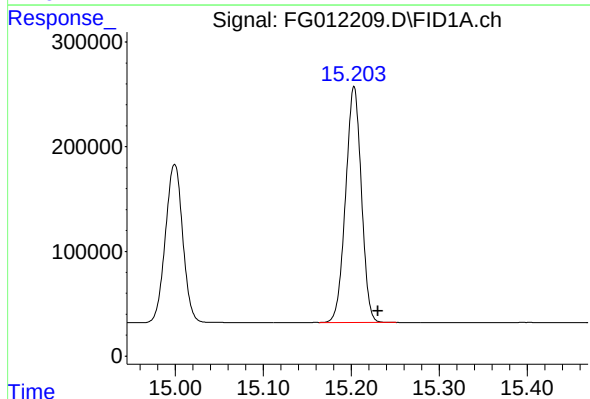
Instrument :

FID_G

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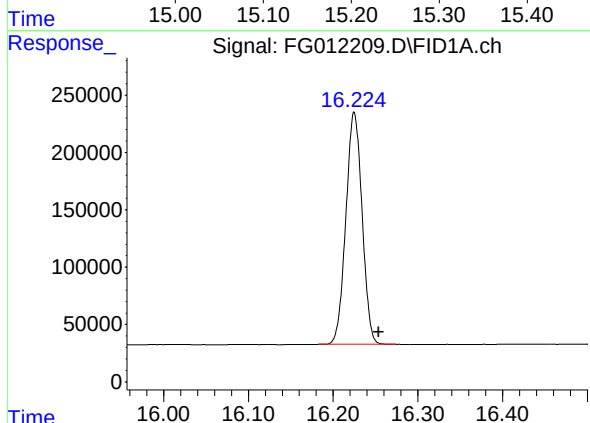
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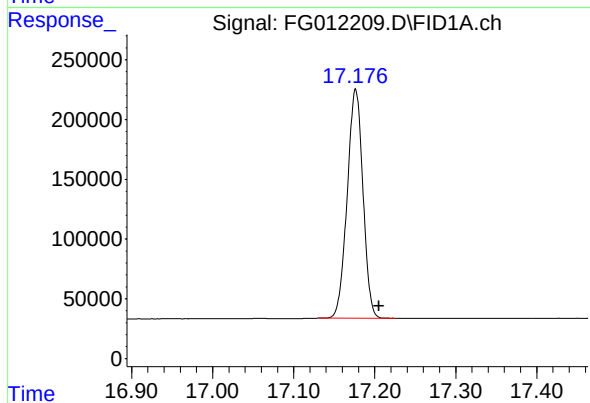
#10 N-TETRACOSANE

R.T.: 15.203 min
Delta R.T.: -0.027 min
Response: 2805799
Conc: 18.78 ug/ml



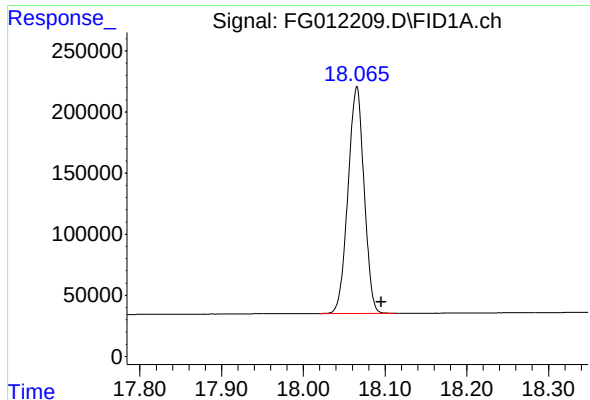
#11 N-HEXACOSANE

R.T.: 16.225 min
Delta R.T.: -0.029 min
Response: 2693717
Conc: 19.02 ug/ml



#12 N-OCTACOSANE

R.T.: 17.177 min
Delta R.T.: -0.029 min
Response: 2586231
Conc: 19.10 ug/ml



#13 N-TRIACONTANE

R.T.: 18.066 min
Delta R.T.: -0.030 min
Response: 2533784
Conc: 19.12 ug/ml

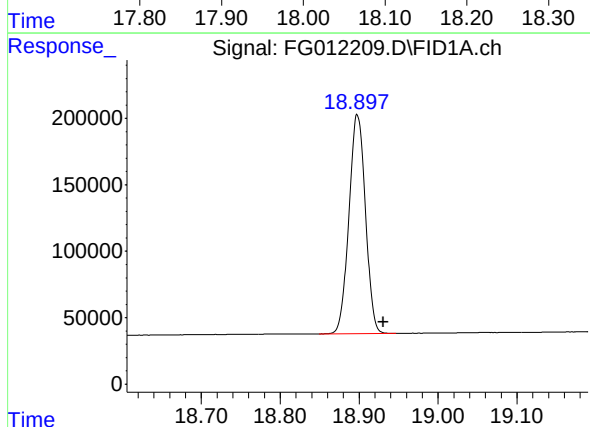
Instrument :

FID_G

ClientSampleId :
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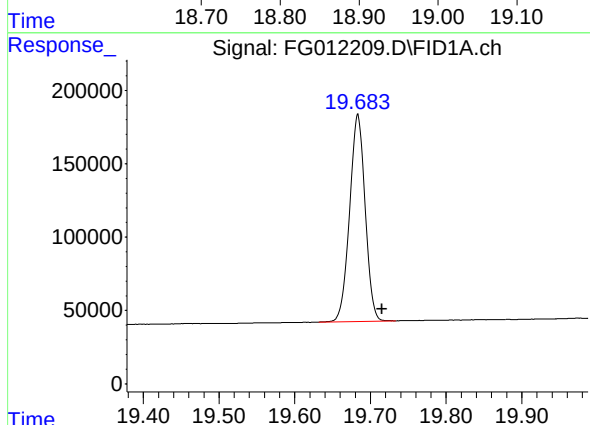
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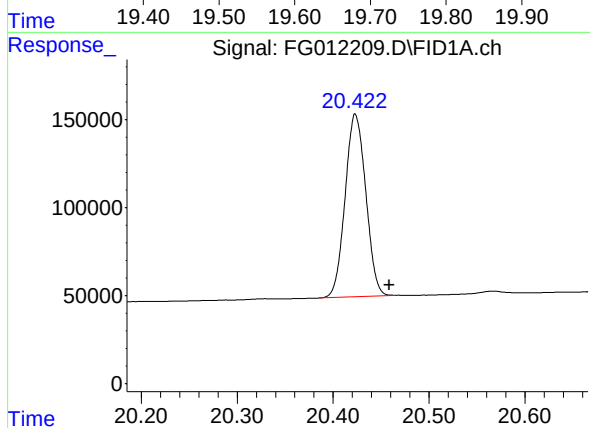
#14 N-DOTRIACONTANE

R.T.: 18.898 min
Delta R.T.: -0.033 min
Response: 2390794
Conc: 18.73 ug/ml



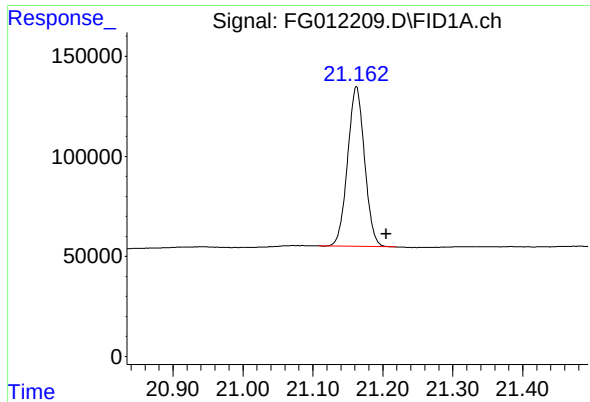
#15 N-TETRATRIACONTANE

R.T.: 19.683 min
Delta R.T.: -0.032 min
Response: 2014754
Conc: 16.55 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.422 min
Delta R.T.: -0.036 min
Response: 1555097
Conc: 12.69 ug/ml m



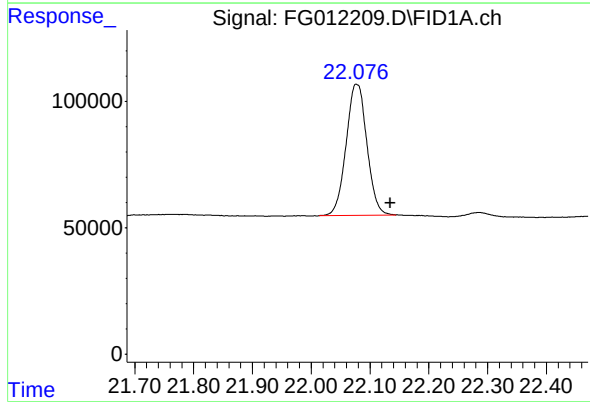
#17 N-OCTATRIACONTANE

R.T.: 21.162 min
Delta R.T.: -0.043 min
Response: 1345065
Conc: 10.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.077 min
Delta R.T.: -0.058 min
Response: 1269240
Conc: 9.59 ug/ml