

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111723\
 Data File : FG013196.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2023 14:18
 Operator : YP\AJ
 Sample : PB157237BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB157237BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 17 21:31:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111023.M
 Quant Title :
 QLast Update : Fri Nov 10 12:13:40 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...	15.080	162917	1.589 ug/ml
Target Compounds			
1) N-OCTANE	2.068	216740	1.859 ug/ml
2) N-DECANE	4.590	217841	1.845 ug/ml
3) N-DODECANE	6.764	211007	1.806 ug/ml
4) N-TETRADECANE	8.599	189255	1.676 ug/ml
5) N-HEXADECANE	10.212	197471	1.724 ug/ml
6) N-OCTADECANE	11.661	204382	1.790 ug/ml
7) N-EICOSANE	12.975	204994	1.816 ug/mlm
8) N-DOCOSANE	14.177	199197	1.834 ug/ml
10) N-TETRACOSANE	15.283	271232	2.393 ug/ml
11) N-HEXACOSANE	16.308	194476	1.833 ug/ml
12) N-OCTACOSANE	17.261	192567	1.843 ug/ml
13) N-TRIACONTANE	18.150	196267	1.898 ug/ml
14) N-DOTRIACONTANE	18.983	195898	1.971 ug/ml
15) N-TETRATRIACONTANE	19.768	181627	2.080 ug/ml
16) N-HEXATRIACONTANE	20.508	161372	2.266 ug/ml
17) N-OCTATRIACONTANE	21.265	142434	2.159 ug/ml
18) N-TETRACONTANE	22.213	132699	1.950 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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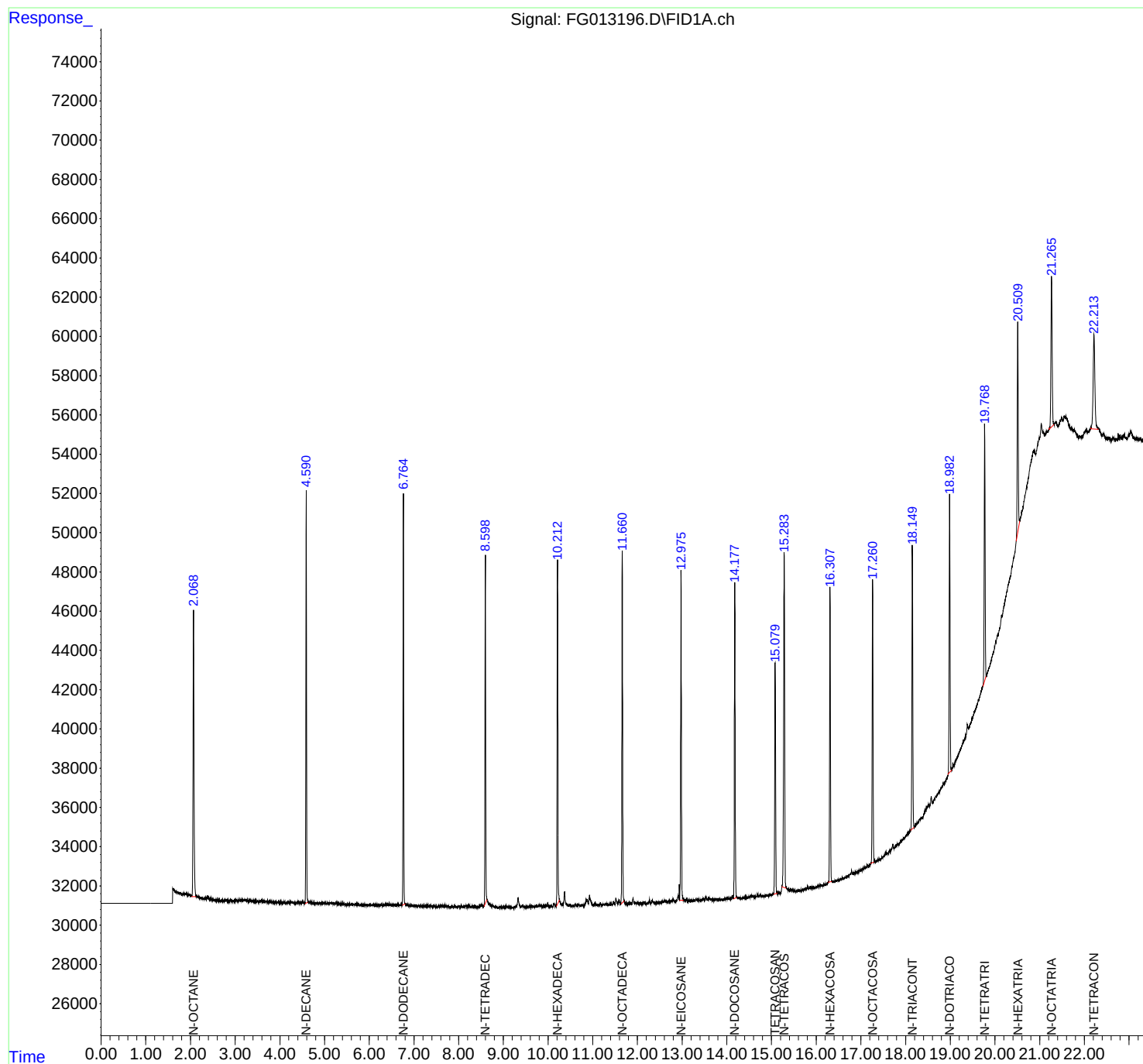
APPROVED

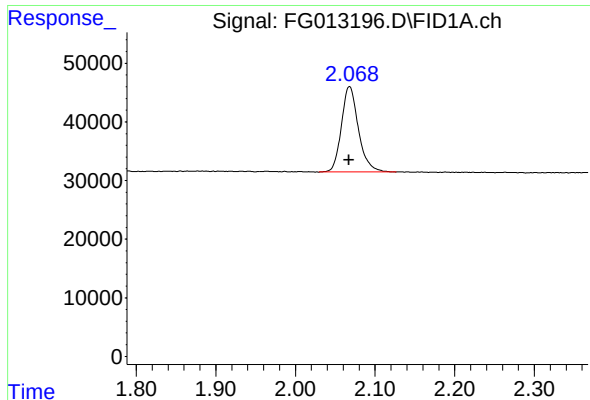
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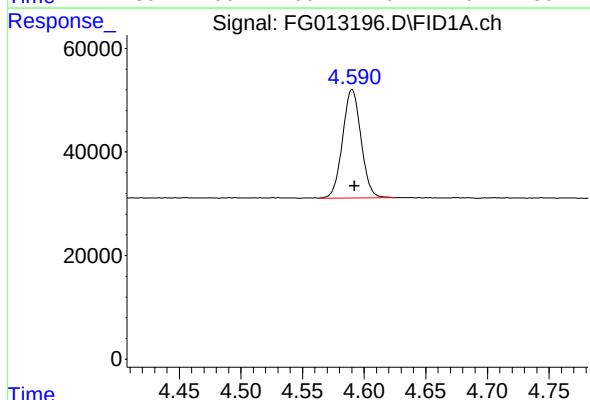
#1 N-OCTANE

R.T.: 2.068 min
Delta R.T.: 0.000 min
Response: 216740
Conc: 1.86 ug/ml

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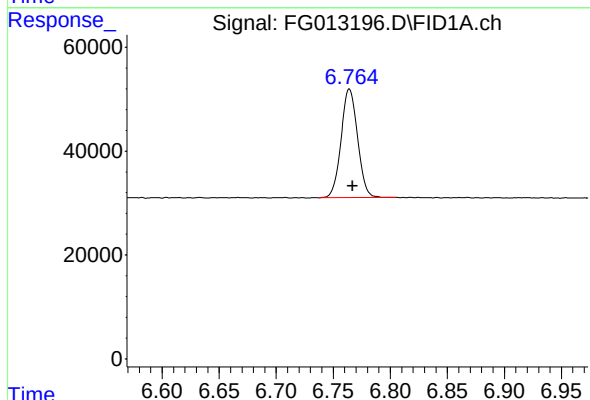
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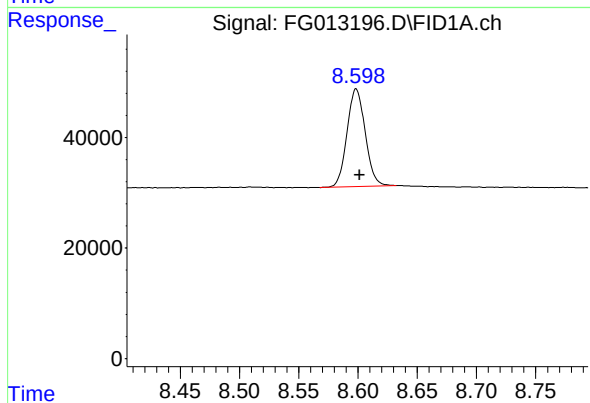
#2 N-DECANE

R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 217841
Conc: 1.85 ug/ml



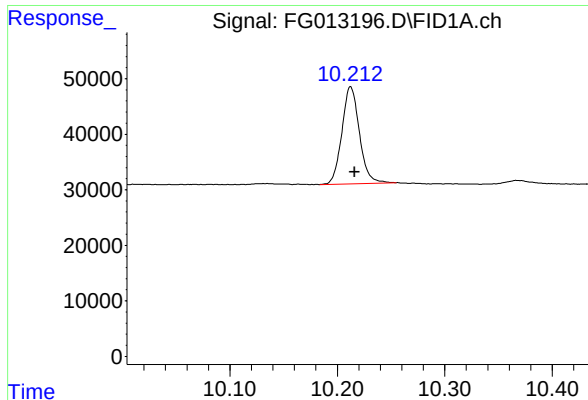
#3 N-DODECANE

R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 211007
Conc: 1.81 ug/ml



#4 N-TETRADECANE

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 189255
Conc: 1.68 ug/ml



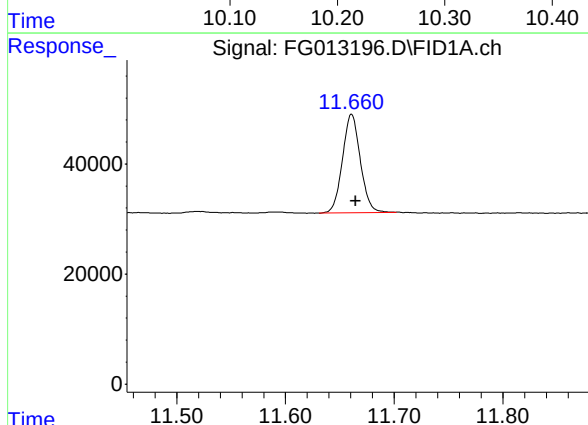
#5 N-HEXADECANE

R.T.: 10.212 min
Delta R.T.: -0.004 min
Response: 197471
Conc: 1.72 ug/ml

Instrument :
FID_G
ClientSampleId :
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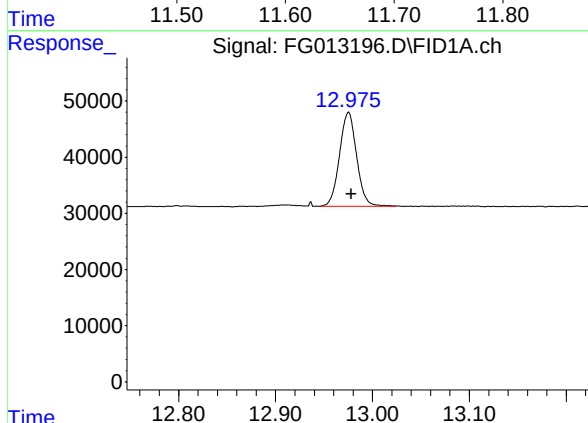
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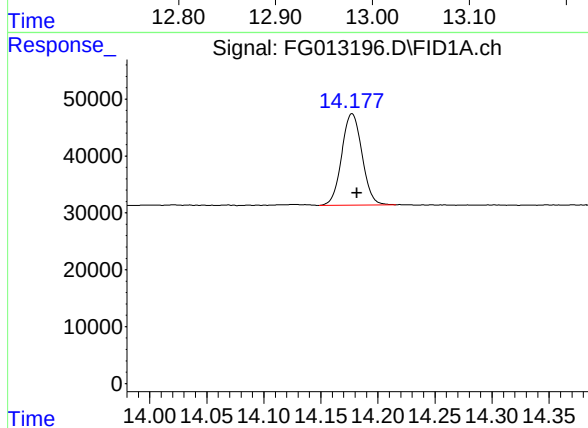
#6 N-OCTADECANE

R.T.: 11.661 min
Delta R.T.: -0.004 min
Response: 204382
Conc: 1.79 ug/ml



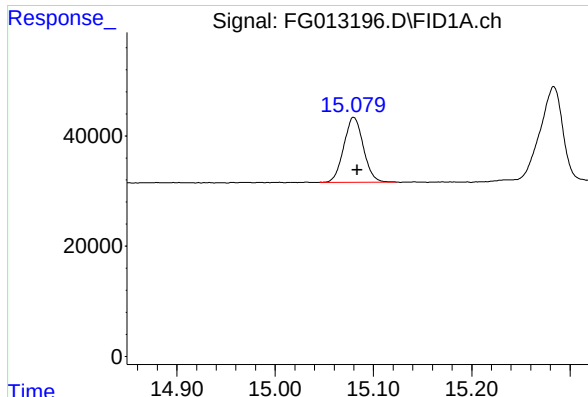
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.003 min
Response: 204994
Conc: 1.82 ug/ml m



#8 N-DOCOSANE

R.T.: 14.177 min
Delta R.T.: -0.004 min
Response: 199197
Conc: 1.83 ug/ml



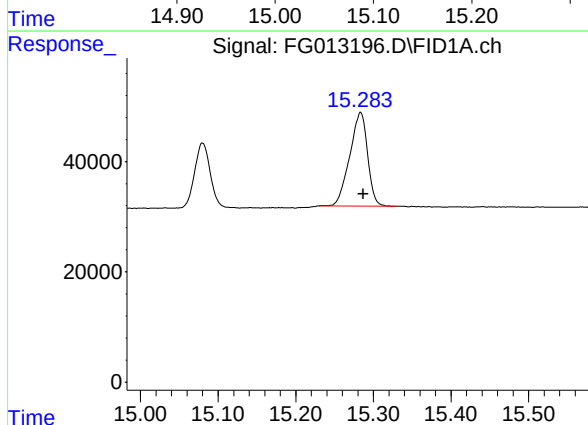
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.004 min
Response: 162917
Conc: 1.59 ug/ml

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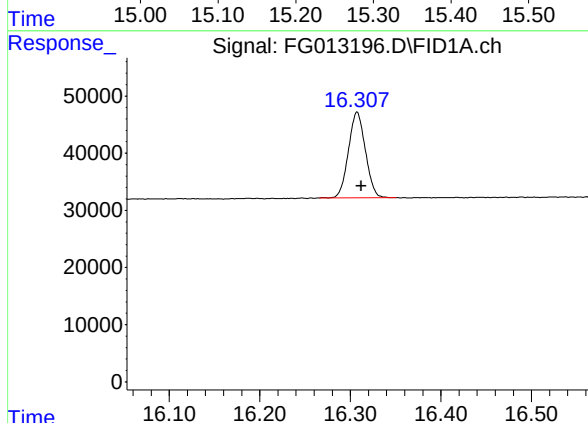
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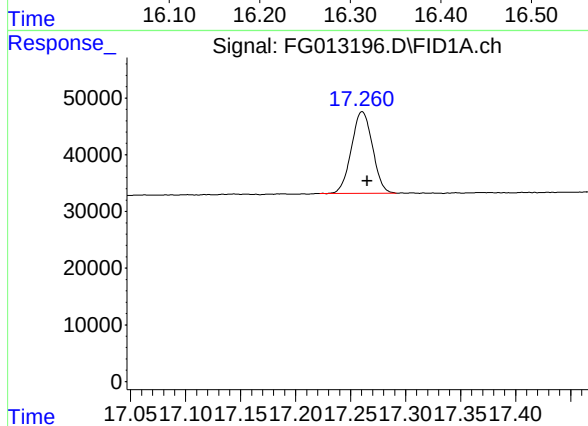
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: -0.004 min
Response: 271232
Conc: 2.39 ug/ml



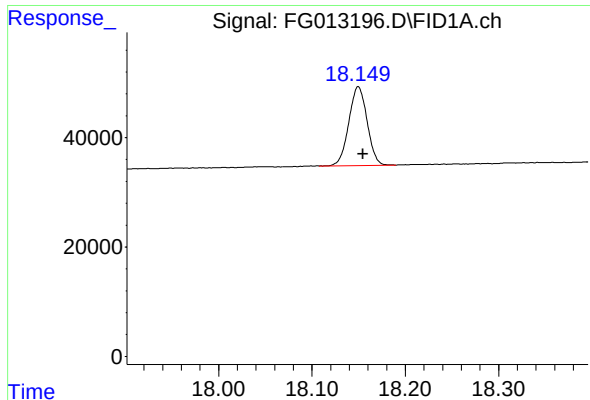
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: -0.005 min
Response: 194476
Conc: 1.83 ug/ml



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: -0.005 min
Response: 192567
Conc: 1.84 ug/ml



#13 N-TRIACONTANE

R.T.: 18.150 min
Delta R.T.: -0.005 min
Response: 196267
Conc: 1.90 ug/ml

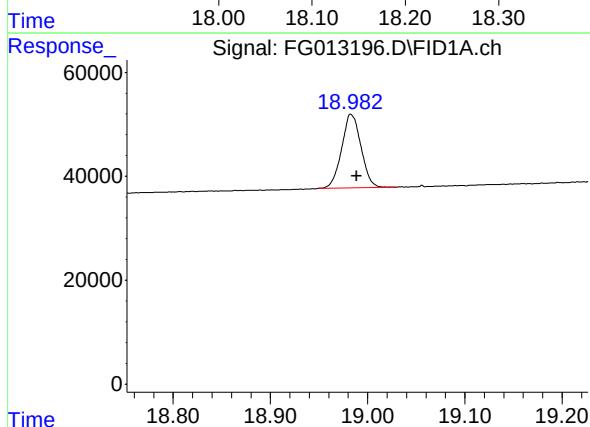
Instrument :

FID_G

ClientSampleId :
PB157237BS

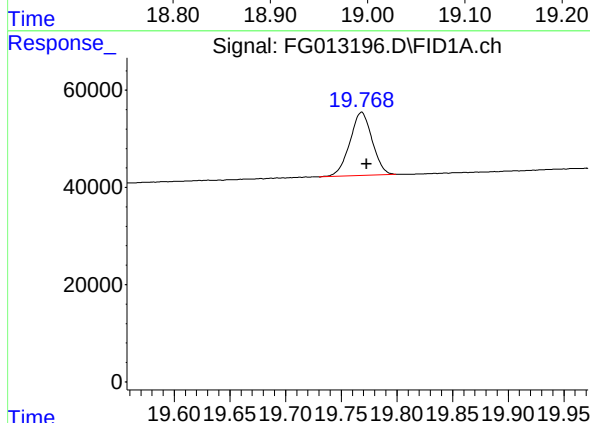
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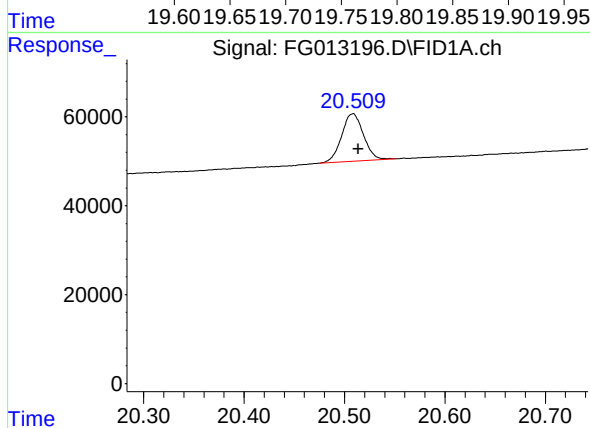
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: -0.006 min
Response: 195898
Conc: 1.97 ug/ml



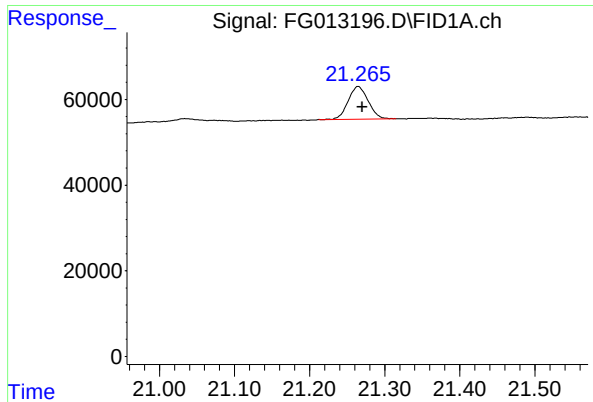
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: -0.005 min
Response: 181627
Conc: 2.08 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.508 min
Delta R.T.: -0.006 min
Response: 161372
Conc: 2.27 ug/ml



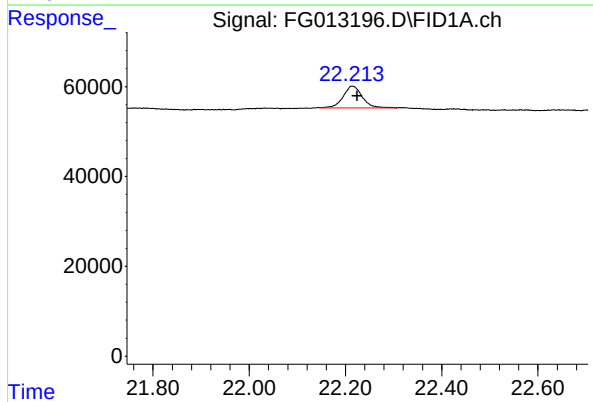
#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: -0.005 min
Response: 142434
Conc: 2.16 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.213 min
Delta R.T.: -0.011 min
Response: 132699
Conc: 1.95 ug/ml m