

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081423\
 Data File : FG012710.D
 Signal(s) : FID1A.ch
 Acq On : 14 Aug 2023 17:31
 Operator : YP\AJ
 Sample : 03977-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Ankita Jodhani 08/15/2023

Integration File: autoint1.e
 Quant Time: Aug 15 09:01:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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	1601625	14.317 ug/ml
Target Compounds			
1) N-OCTANE	2.080	1898249	15.418 ug/ml
2) N-DECANE	4.598	2315910	18.230 ug/ml
3) N-DODECANE	6.771	2439986	18.996 ug/ml
4) N-TETRADECANE	8.604	2490316	19.332 ug/ml
5) N-HEXADECANE	10.216	2536959	19.556 ug/ml
6) N-OCTADECANE	11.663	2792020	21.287 ug/ml
7) N-EICOSANE	12.977	2533806	19.700 ug/ml
8) N-DOCOSANE	14.180	2443934	19.324 ug/ml
10) N-TETRACOSANE	15.285	2454297	19.407 ug/ml
11) N-HEXACOSANE	16.308	2343532	18.722 ug/ml
12) N-OCTACOSANE	17.259	2329012	18.950 ug/ml
13) N-TRIACONTANE	18.149	2314753	19.545 ug/ml
14) N-DOTRIACONTANE	18.983	2422661	21.573 ug/ml
15) N-TETRATRIACONTANE	19.766	1960917	20.702 ug/ml
16) N-HEXATRIACONTANE	20.507	1576384	19.426 ug/mlm
17) N-OCTATRIACONTANE	21.264	1460033	20.218 ug/ml
18) N-TETRACONTANE	22.216	1456866	20.909 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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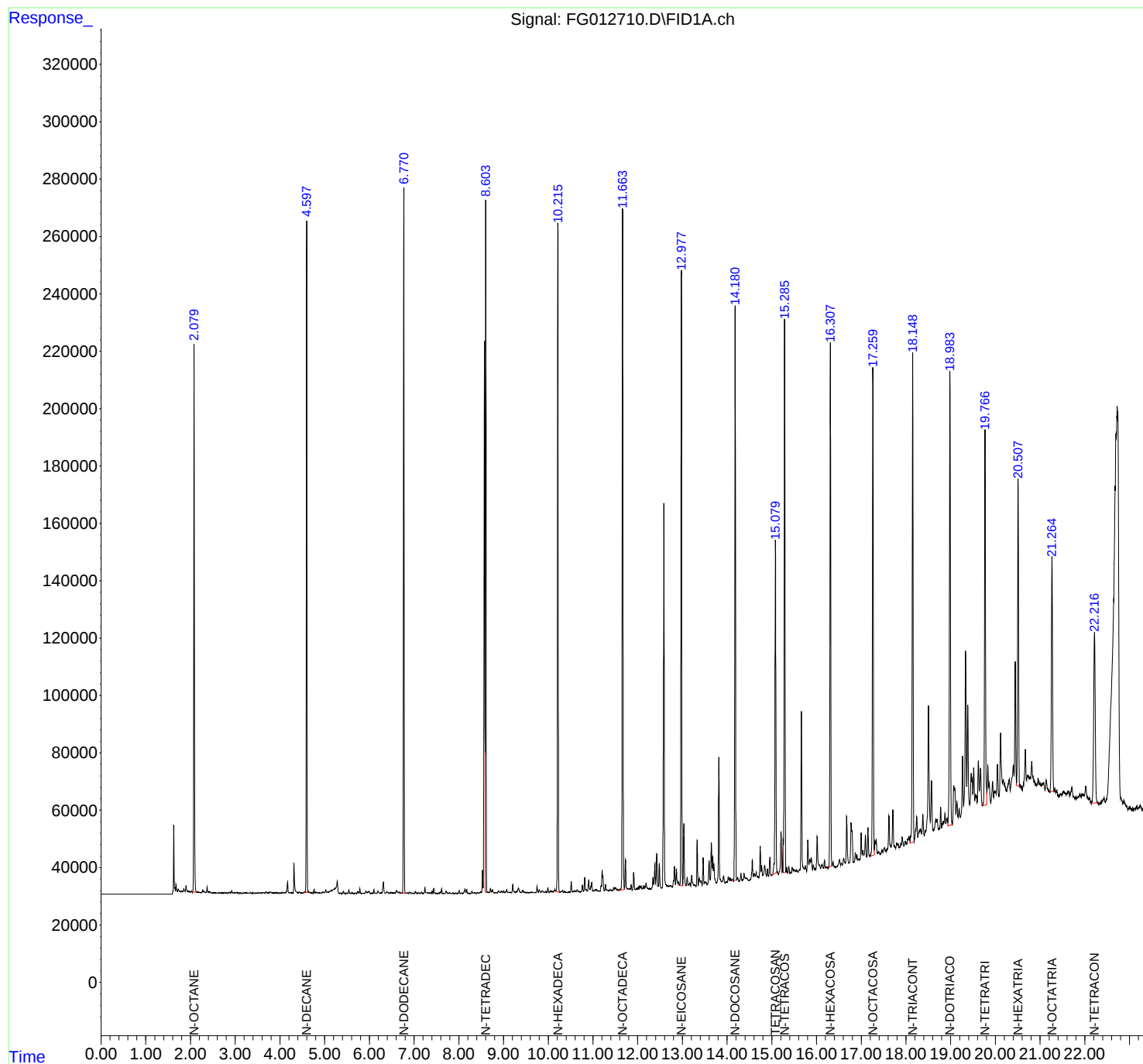
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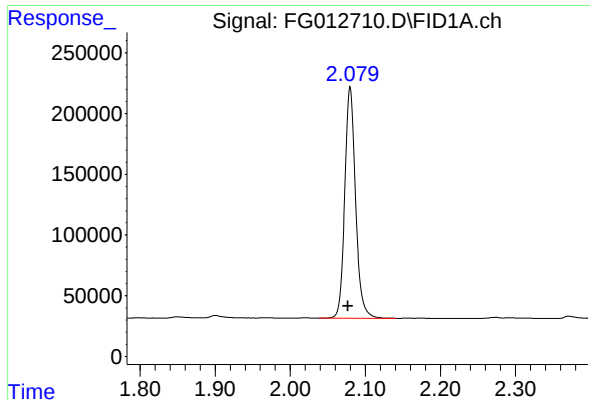
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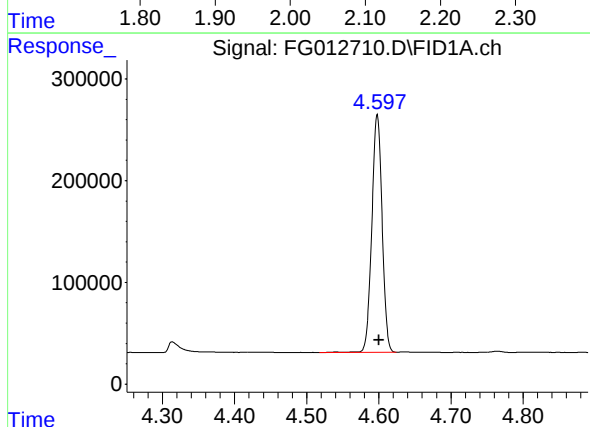
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.003 min
Response: 1898249
Conc: 15.42 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

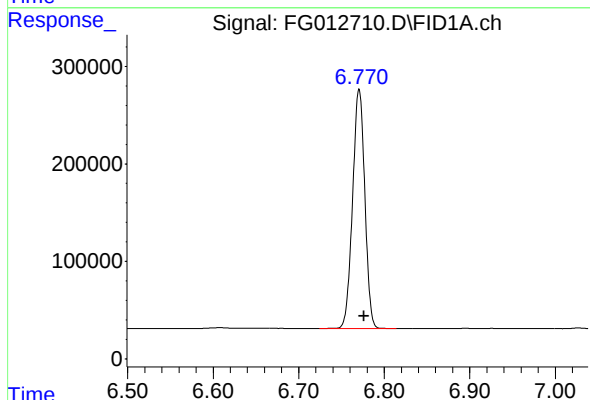
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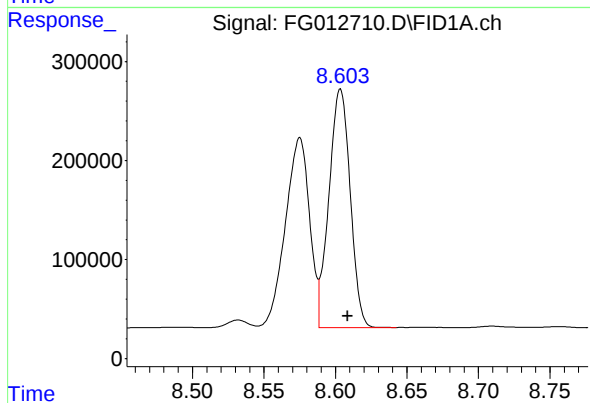
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 2315910
Conc: 18.23 ug/ml



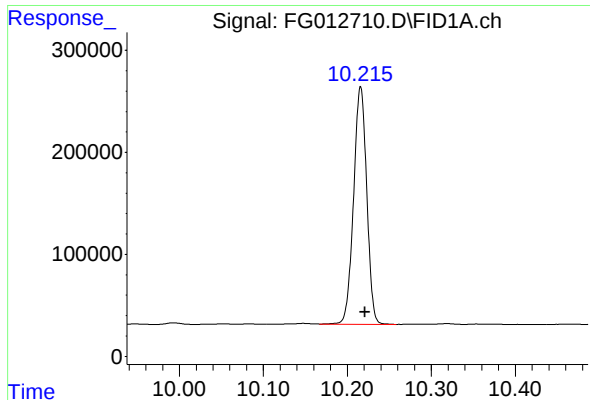
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 2439986
Conc: 19.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 2490316
Conc: 19.33 ug/ml



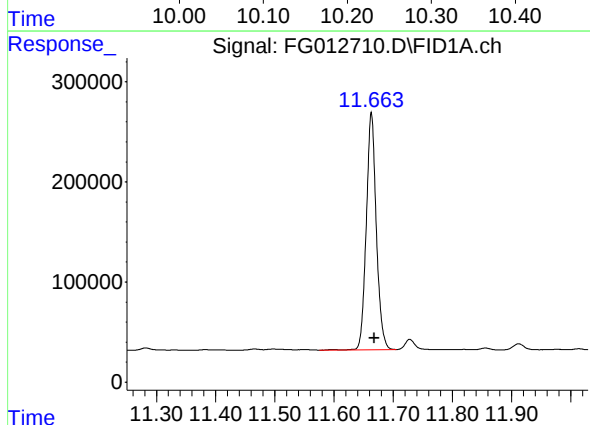
#5 N-HEXADECANE

R.T.: 10.216 min
Delta R.T.: -0.005 min
Response: 2536959
Conc: 19.56 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

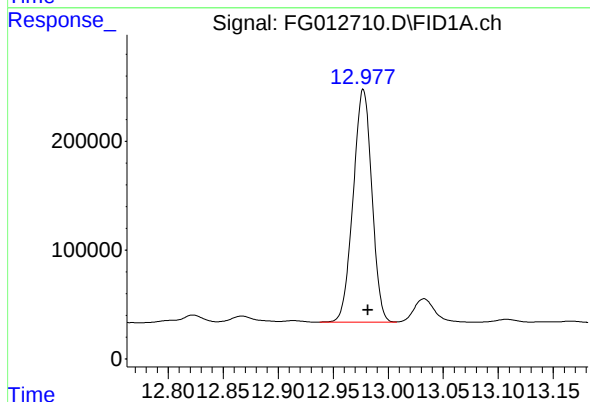
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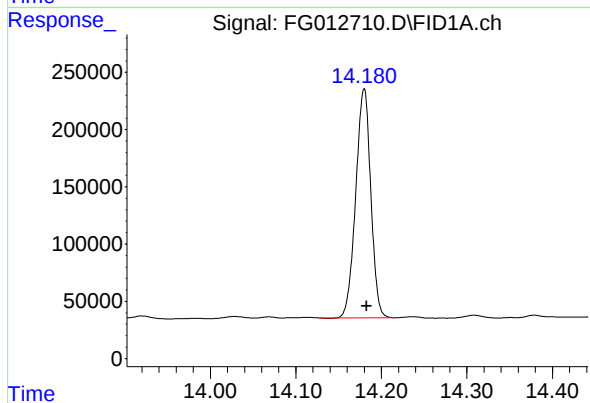
#6 N-OCTADECANE

R.T.: 11.663 min
Delta R.T.: -0.005 min
Response: 2792020
Conc: 21.29 ug/ml



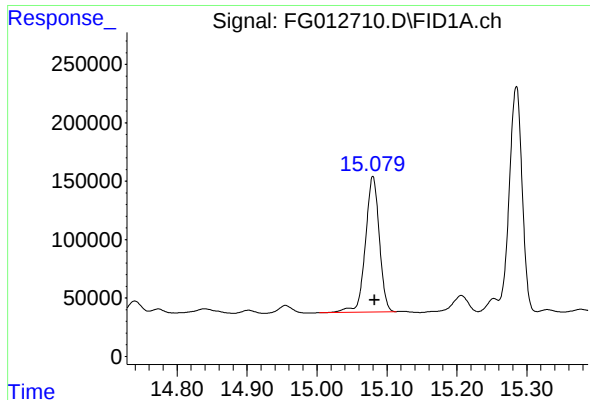
#7 N-EICOSANE

R.T.: 12.977 min
Delta R.T.: -0.004 min
Response: 2533806
Conc: 19.70 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min
Delta R.T.: -0.003 min
Response: 2443934
Conc: 19.32 ug/ml



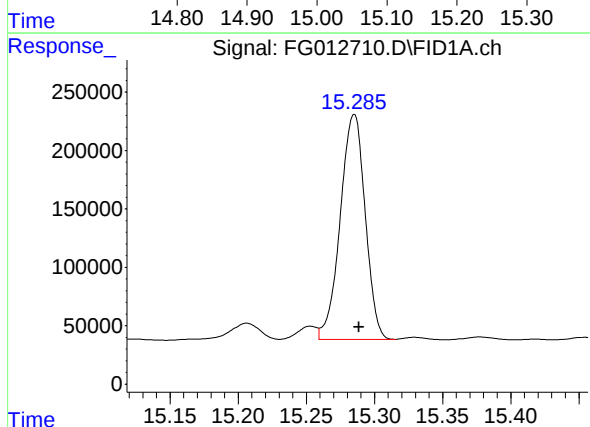
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.003 min
Response: 1601625
Conc: 14.32 ug/ml

Instrument :
FID_G
ClientSampleId :
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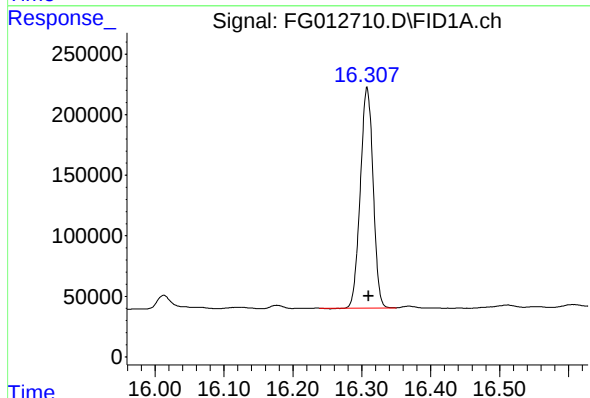
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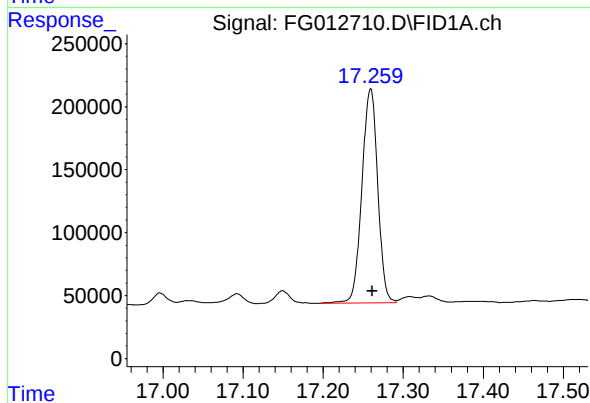
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: -0.003 min
Response: 2454297
Conc: 19.41 ug/ml



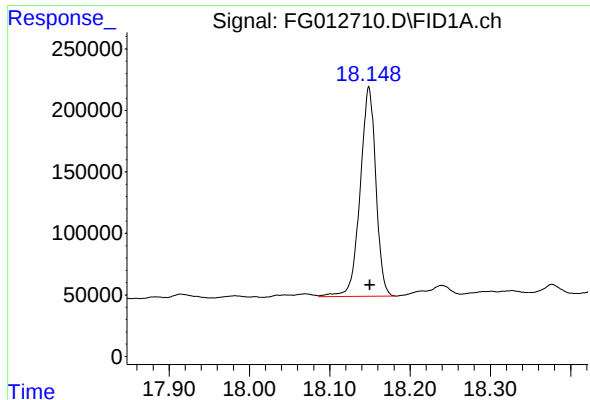
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 2343532
Conc: 18.72 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: -0.002 min
Response: 2329012
Conc: 18.95 ug/ml



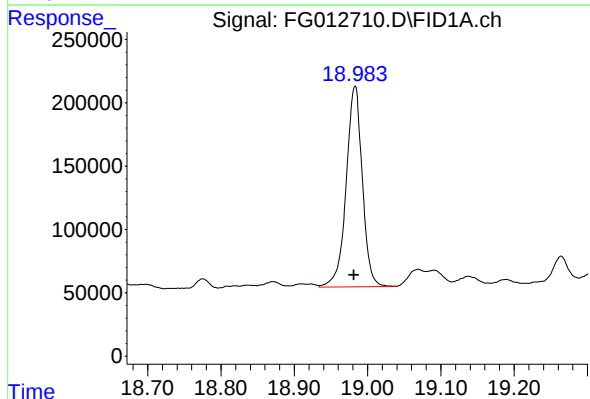
#13 N-TRIACONTANE

R.T.: 18.149 min
Delta R.T.: -0.001 min
Response: 2314753
Conc: 19.55 ug/ml

Instrument :
FID_G
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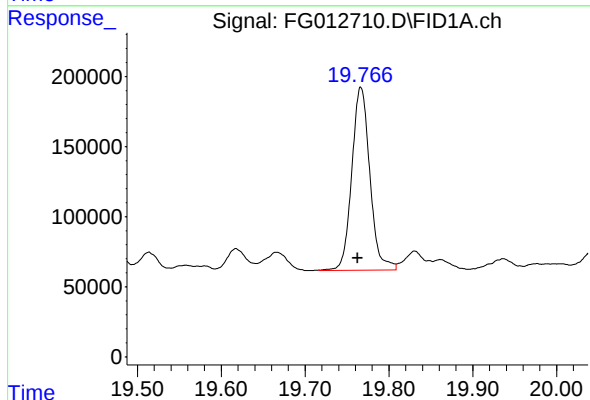
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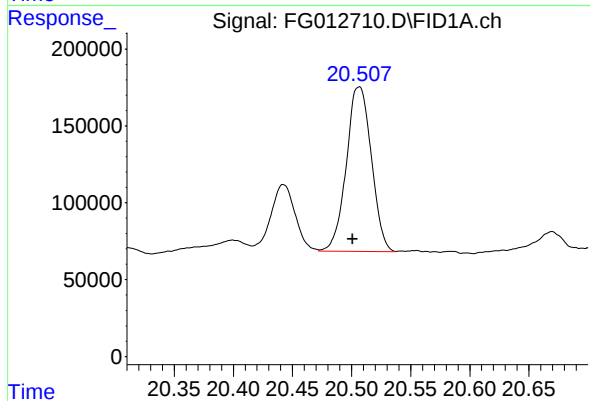
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: 0.002 min
Response: 2422661
Conc: 21.57 ug/ml



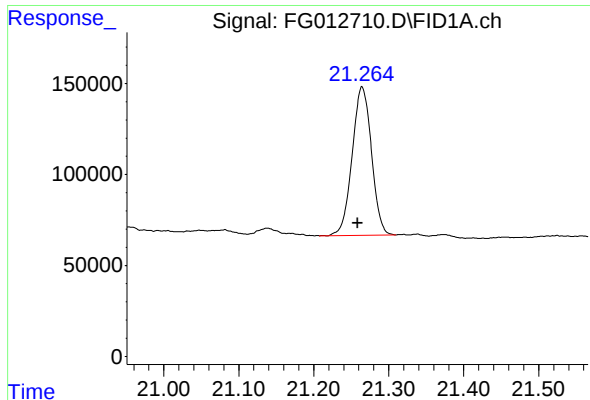
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: 0.003 min
Response: 1960917
Conc: 20.70 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.507 min
Delta R.T.: 0.006 min
Response: 1576384
Conc: 19.43 ug/ml m



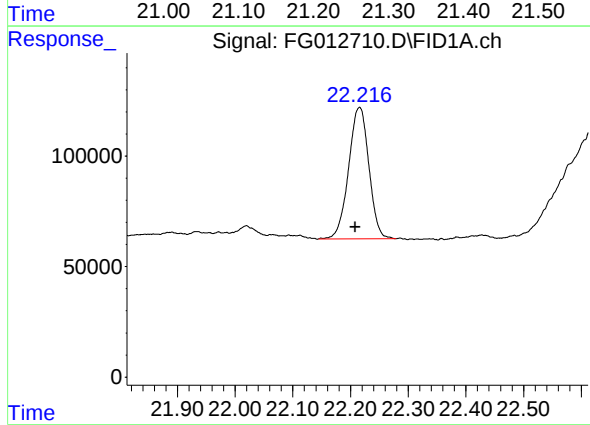
#17 N-OCTATRIACONTANE

R.T.: 21.264 min
Delta R.T.: 0.006 min
Response: 1460033
Conc: 20.22 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.216 min
Delta R.T.: 0.008 min
Response: 1456866
Conc: 20.91 ug/ml