

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082523\
 Data File : FG012781.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2023 17:52
 Operator : YP\AJ
 Sample : 04147-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SB-05(46-47)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :Ankita Jodhani 08/28/2023

Integration File: autoint1.e
 Quant Time: Aug 25 21:35:32 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...	15.079	1141524	10.204 ug/ml
Target Compounds			
1) N-OCTANE	2.079	1594844	12.954 ug/ml
2) N-DECANE	4.599	1907426	15.015 ug/ml
3) N-DODECANE	6.772	1991160	15.502 ug/ml
4) N-TETRADECANE	8.604	2044840	15.874 ug/ml
5) N-HEXADECANE	10.217	2132750	16.440 ug/ml
6) N-OCTADECANE	11.664	2073720	15.811 ug/ml
7) N-EICOSANE	12.978	2059547	16.013 ug/ml
8) N-DOCOSANE	14.180	2013597	15.921 ug/ml
10) N-TETRACOSANE	15.285	2033539	16.080 ug/ml
11) N-HEXACOSANE	16.308	1937880	15.481 ug/ml
12) N-OCTACOSANE	17.259	1884893	15.336 ug/ml
13) N-TRIACONTANE	18.149	2031776	17.156 ug/mlm
14) N-DOTRIACONTANE	18.982	1817525	16.184 ug/ml
15) N-TETRATRIACONTANE	19.768	1717084	18.127 ug/mlm
16) N-HEXATRIACONTANE	20.507	1383723	17.052 ug/mlm
17) N-OCTATRIACONTANE	21.264	1417623	19.631 ug/mlm
18) N-TETRACONTANE	22.211	1354439	19.439 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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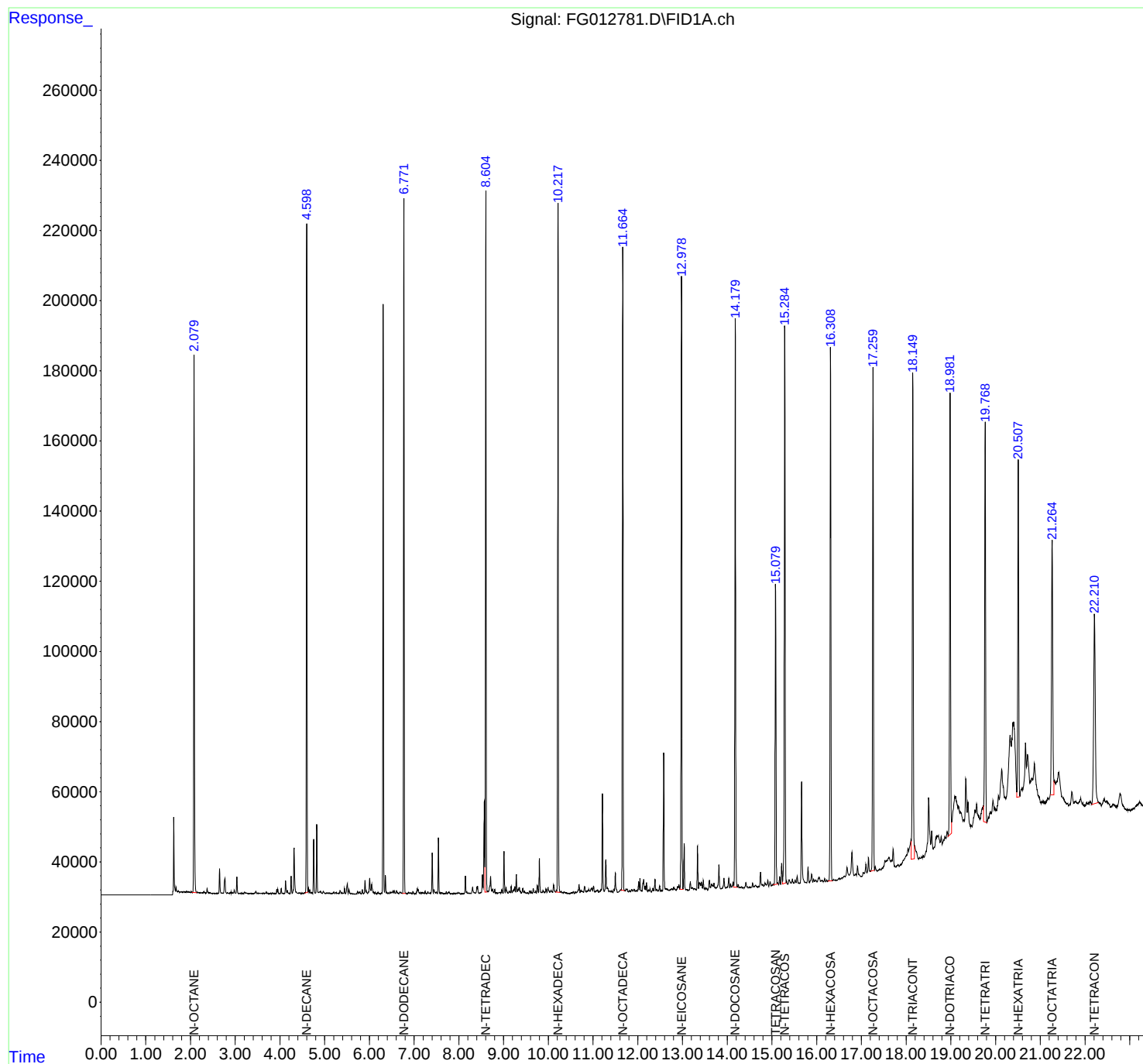
APPROVED

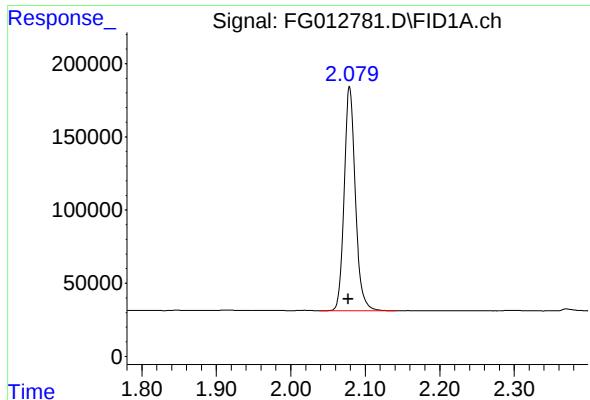
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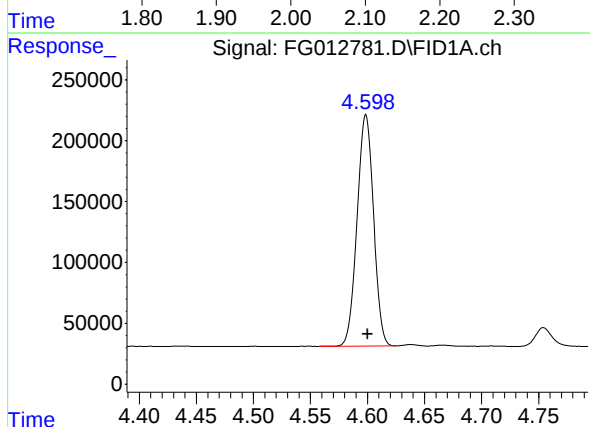
#1 N-OCTANE

R.T.: 2.079 min
Delta R.T.: 0.002 min
Response: 1594844
Conc: 12.95 ug/ml

Instrument :
FID_G
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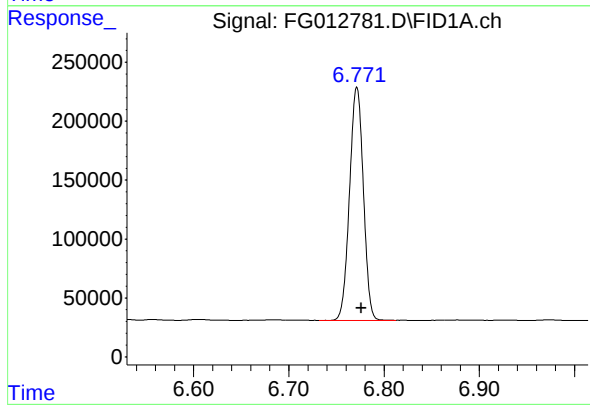
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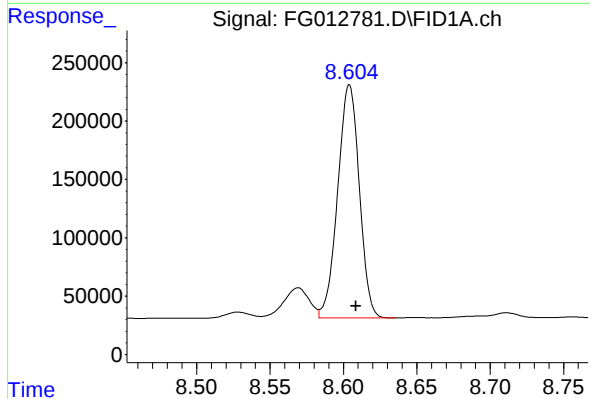
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 1907426
Conc: 15.01 ug/ml



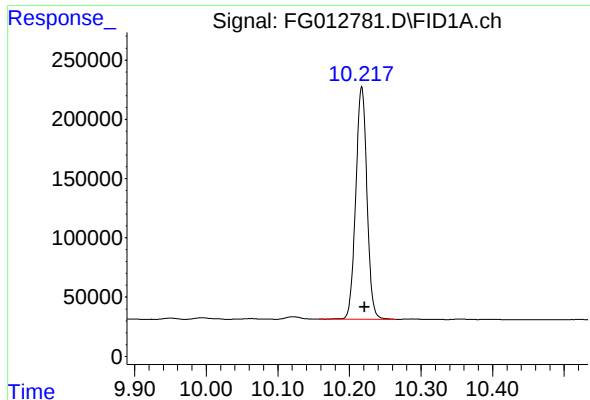
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: -0.005 min
Response: 1991160
Conc: 15.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.004 min
Response: 2044840
Conc: 15.87 ug/ml



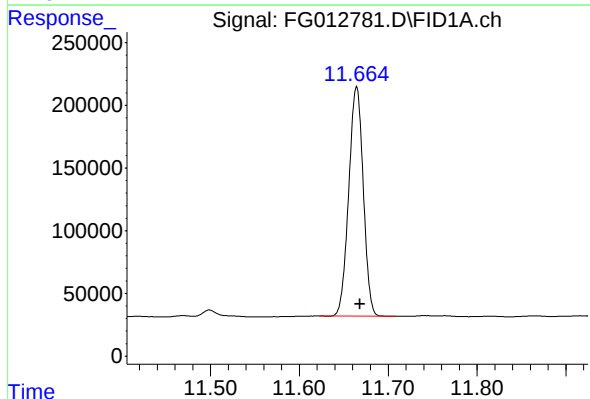
#5 N-HEXADECANE

R.T.: 10.217 min
Delta R.T.: -0.004 min
Response: 2132750
Conc: 16.44 ug/ml

Instrument :
FID_G
ClientSampleId :
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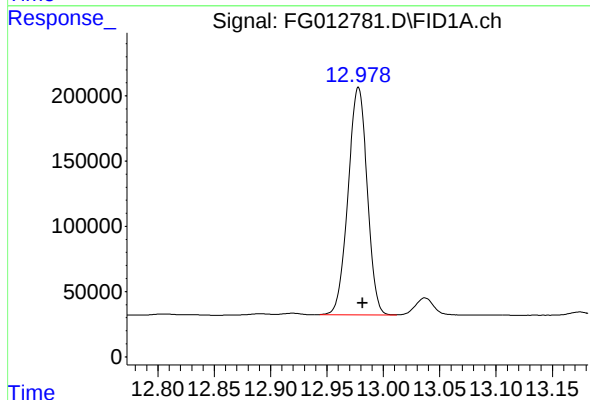
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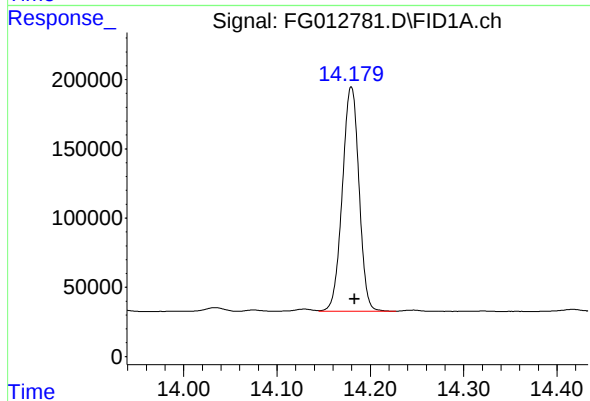
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: -0.004 min
Response: 2073720
Conc: 15.81 ug/ml



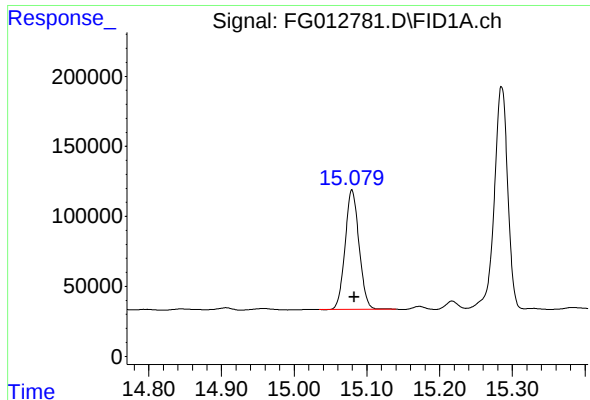
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: -0.004 min
Response: 2059547
Conc: 16.01 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min
Delta R.T.: -0.003 min
Response: 2013597
Conc: 15.92 ug/ml



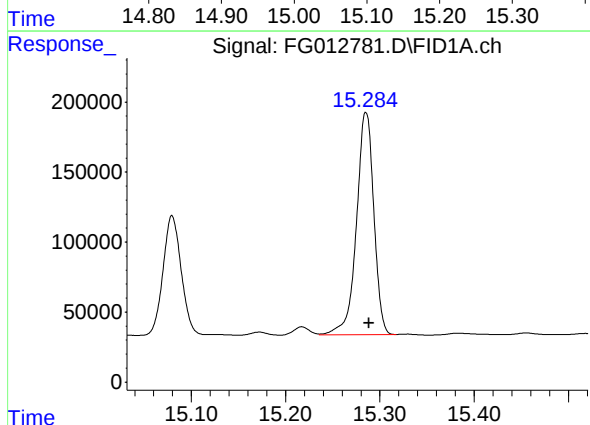
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min
Delta R.T.: -0.003 min
Response: 1141524
Conc: 10.20 ug/ml

Instrument :
FID_G
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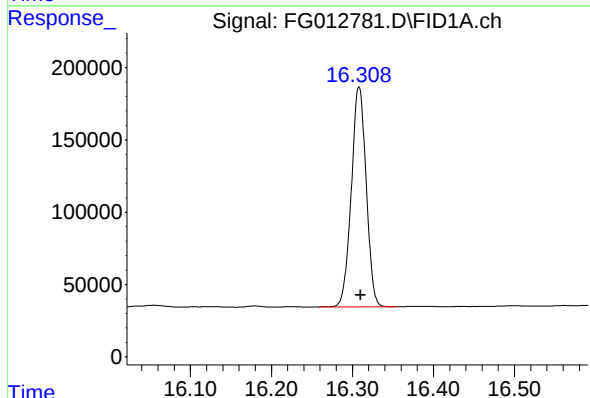
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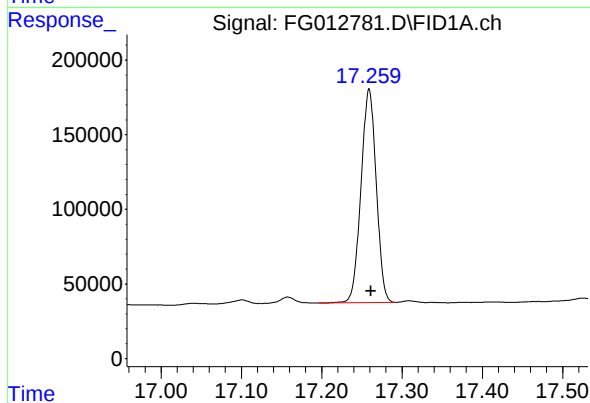
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: -0.003 min
Response: 2033539
Conc: 16.08 ug/ml



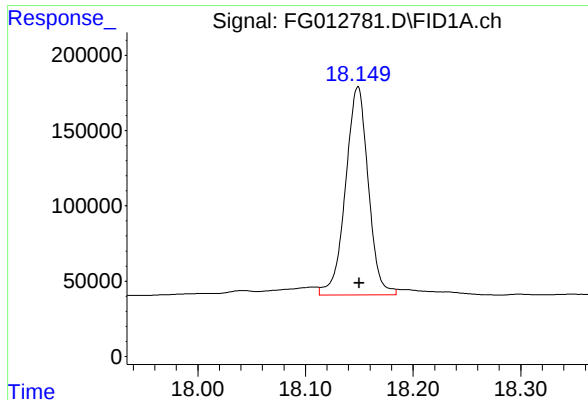
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: -0.002 min
Response: 1937880
Conc: 15.48 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: -0.002 min
Response: 1884893
Conc: 15.34 ug/ml



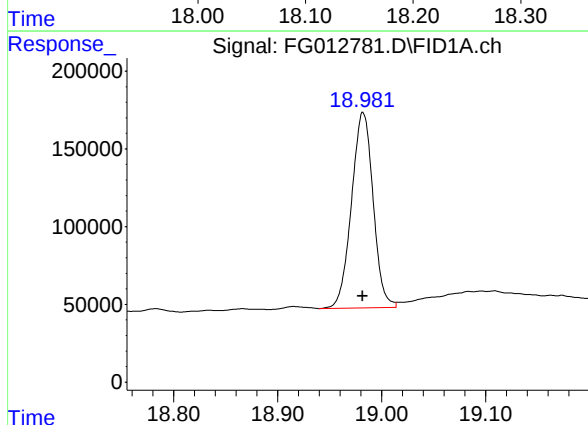
#13 N-TRIACONTANE

R.T.: 18.149 min
Delta R.T.: -0.001 min
Response: 2031776
Conc: 17.16 ug/ml

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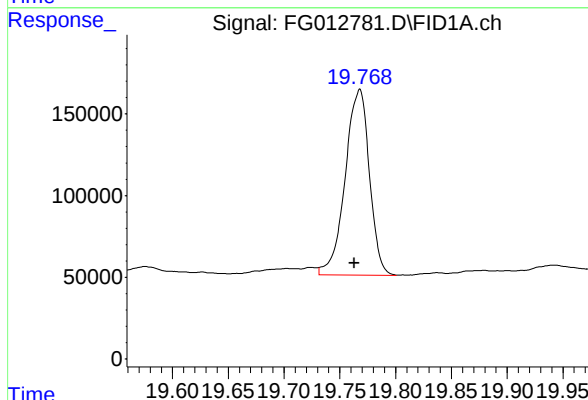
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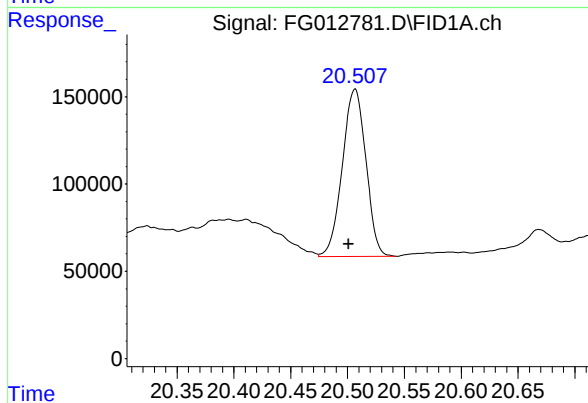
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: 0.000 min
Response: 1817525
Conc: 16.18 ug/ml



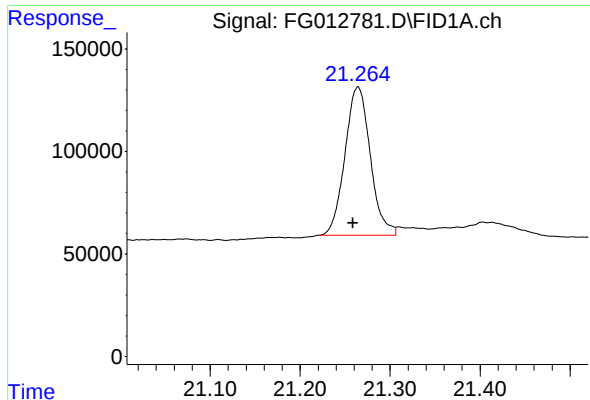
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: 0.005 min
Response: 1717084
Conc: 18.13 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.507 min
Delta R.T.: 0.006 min
Response: 1383723
Conc: 17.05 ug/ml m



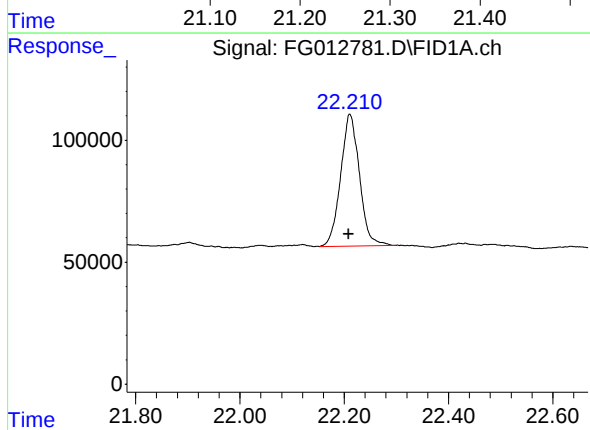
#17 N-OCTATRIACONTANE

R.T.: 21.264 min
Delta R.T.: 0.005 min
Response: 1417623
Conc: 19.63 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.211 min
Delta R.T.: 0.003 min
Response: 1354439
Conc: 19.44 ug/ml