

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081423\
 Data File : FG012711.D
 Signal(s) : FID1A.ch
 Acq On : 14 Aug 2023 18:01
 Operator : YP\AJ
 Sample : 03977-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

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 09:01:14 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	1580836	14.132 ug/ml
Target Compounds			
1) N-OCTANE	2.080	1898807	15.422 ug/ml
2) N-DECANE	4.598	2312502	18.203 ug/ml
3) N-DODECANE	6.771	2425536	18.884 ug/ml
4) N-TETRADECANE	8.604	2485338	19.293 ug/ml
5) N-HEXADECANE	10.216	2531007	19.510 ug/ml
6) N-OCTADECANE	11.665	2783108	21.219 ug/ml
7) N-EICOSANE	12.978	2526307	19.642 ug/ml
8) N-DOCOSANE	14.180	2441007	19.300 ug/ml
10) N-TETRACOSANE	15.285	2563922	20.273 ug/ml
11) N-HEXACOSANE	16.308	2347039	18.750 ug/ml
12) N-OCTACOSANE	17.260	2318583	18.865 ug/ml
13) N-TRIACONTANE	18.149	2274167	19.202 ug/ml
14) N-DOTRIACONTANE	18.983	2406053	21.425 ug/ml
15) N-TETRATRIACONTANE	19.767	1975786	20.859 ug/ml
16) N-HEXATRIACONTANE	20.507	1630520	20.093 ug/mlm
17) N-OCTATRIACONTANE	21.266	1509127	20.898 ug/mlm
18) N-TETRACONTANE	22.214	1479945	21.240 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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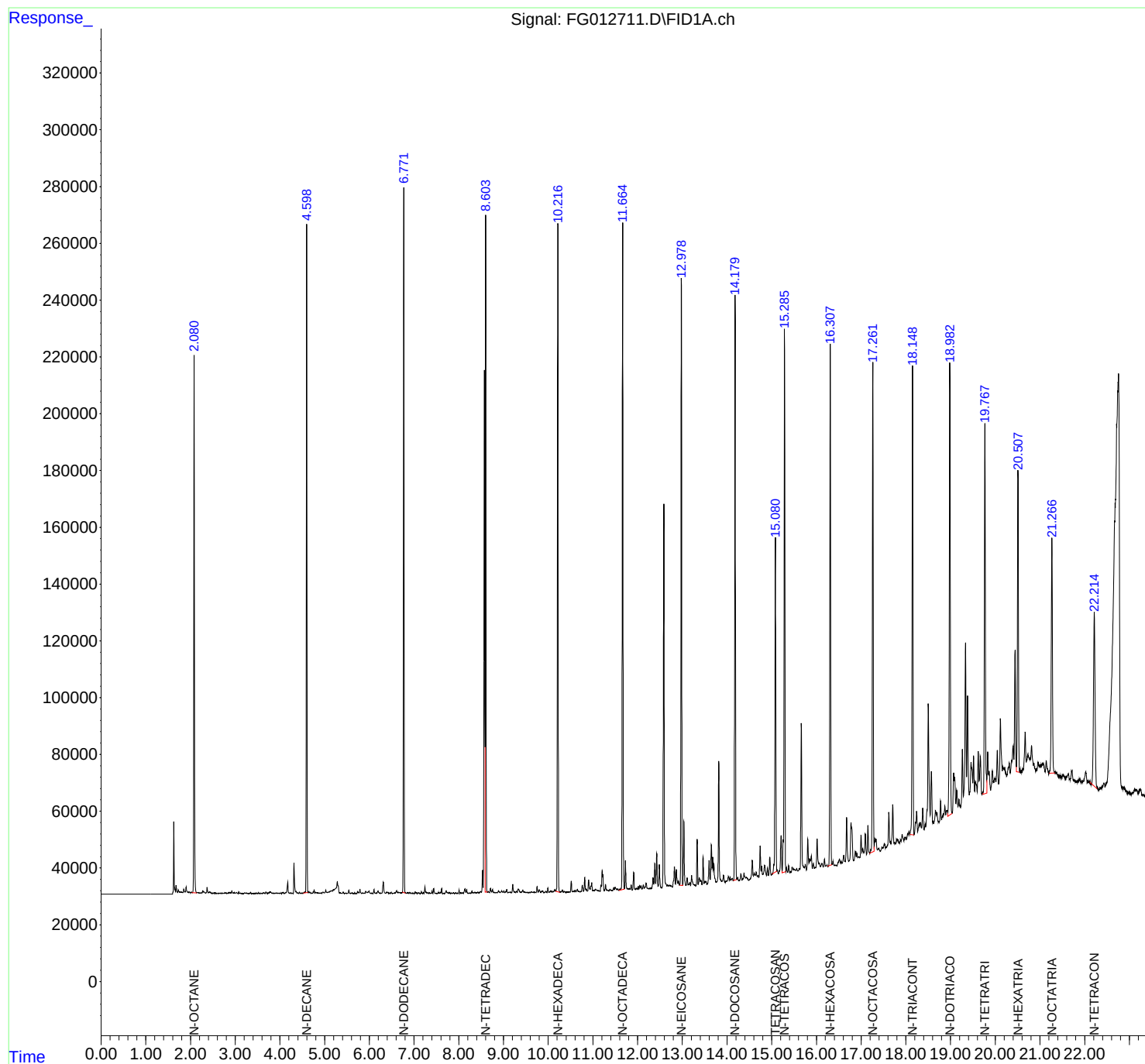
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ClientSampleId :
WASTEMSD

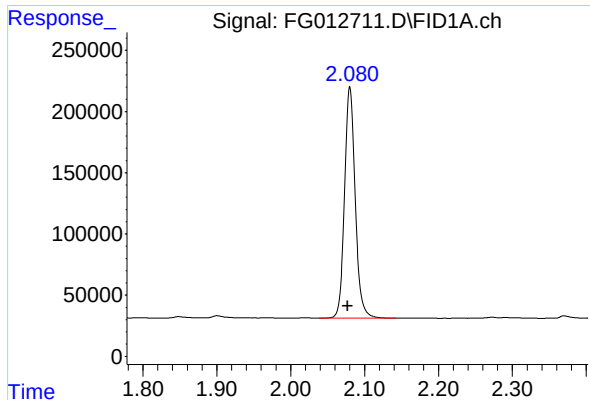
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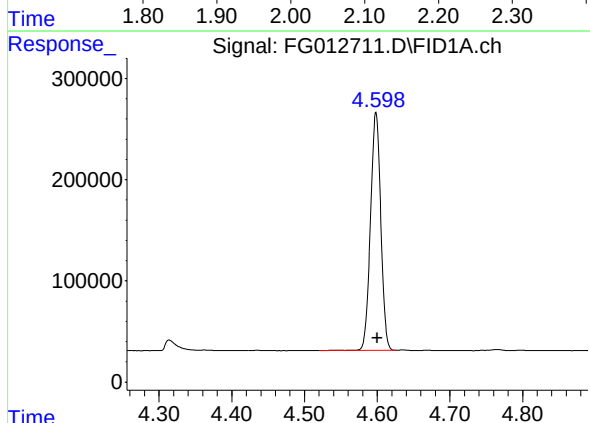
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.003 min
Response: 1898807
Conc: 15.42 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

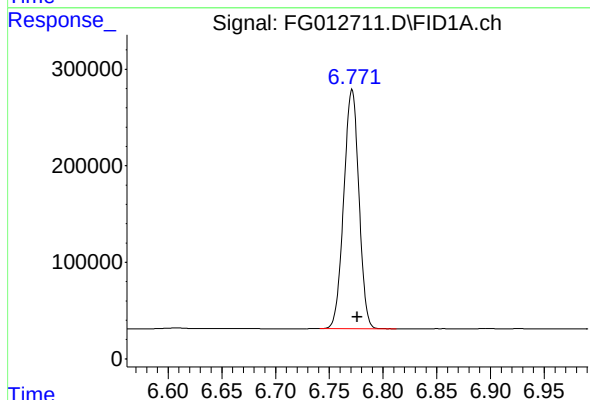
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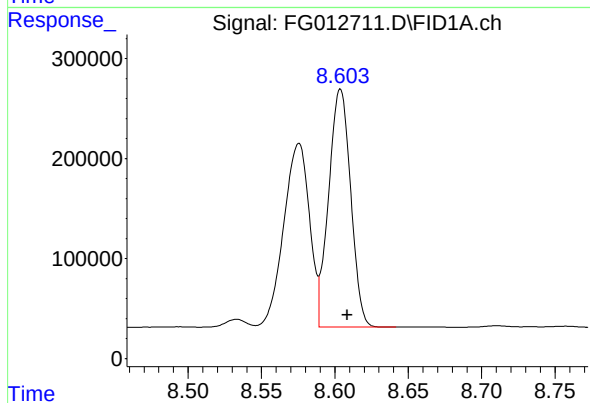
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 2312502
Conc: 18.20 ug/ml



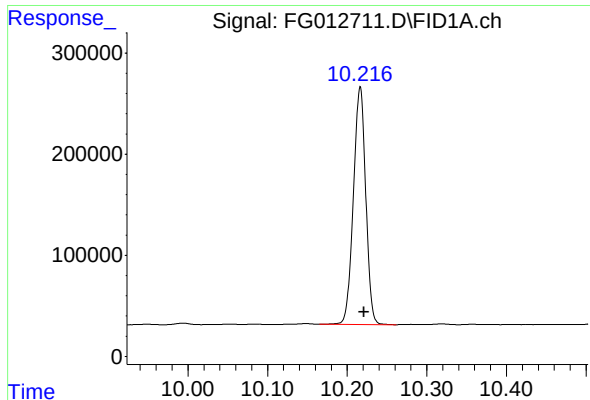
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 2425536
Conc: 18.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 2485338
Conc: 19.29 ug/ml



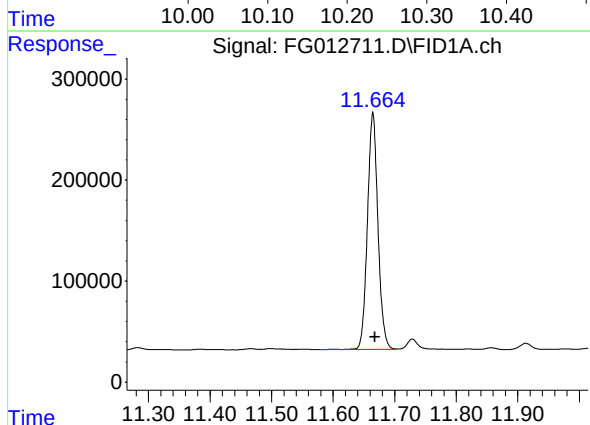
#5 N-HEXADECANE

R.T.: 10.216 min
Delta R.T.: -0.005 min
Response: 2531007
Conc: 19.51 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

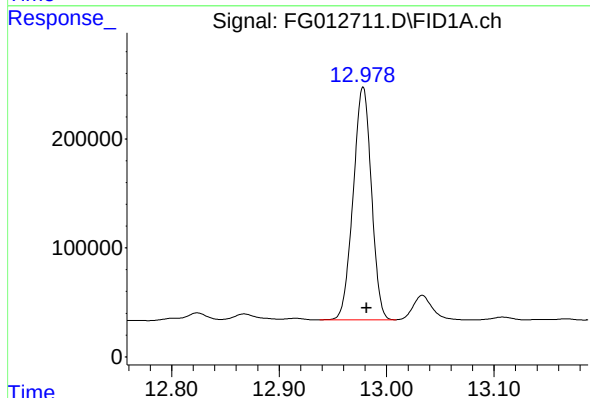
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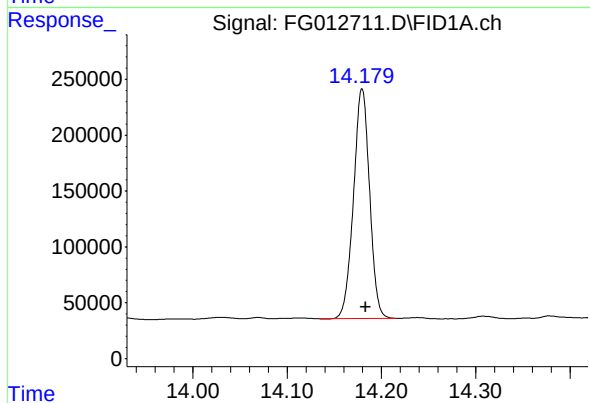
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: -0.004 min
Response: 2783108
Conc: 21.22 ug/ml



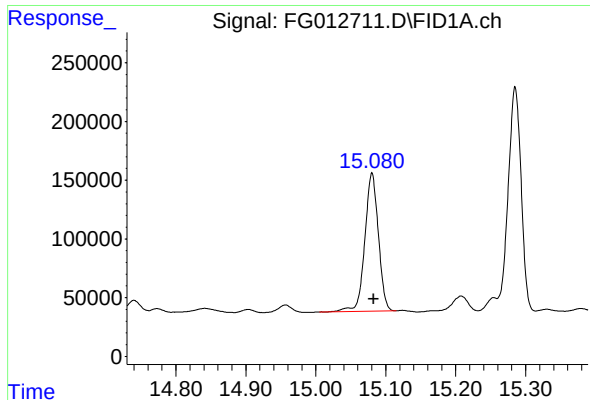
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: -0.003 min
Response: 2526307
Conc: 19.64 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min
Delta R.T.: -0.004 min
Response: 2441007
Conc: 19.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.002 min
Response: 1580836
Conc: 14.13 ug/ml

Instrument :

FID_G

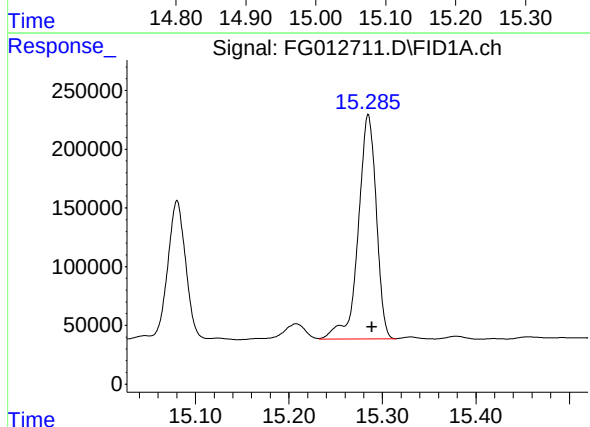
ClientSampleId :

WASTEMSD

Manual Integrations

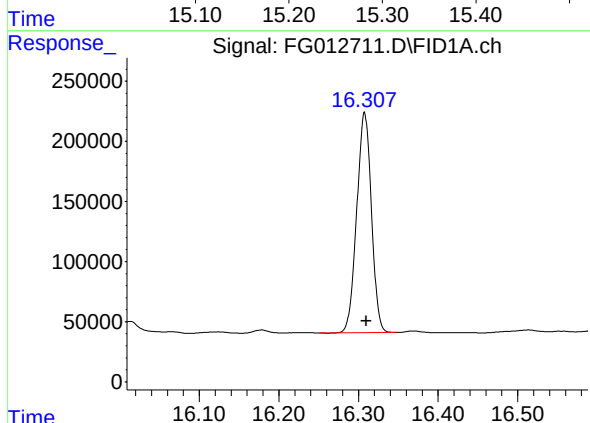
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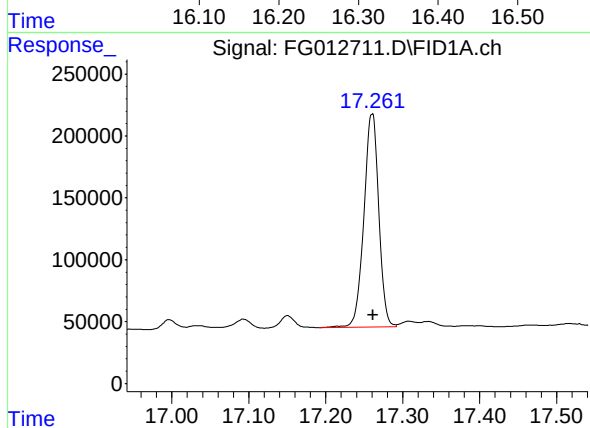
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: -0.004 min
Response: 2563922
Conc: 20.27 ug/ml



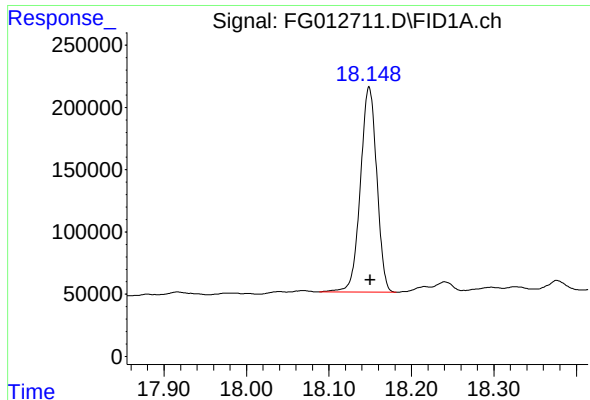
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: -0.002 min
Response: 2347039
Conc: 18.75 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 2318583
Conc: 18.87 ug/ml



#13 N-TRIACONTANE

R.T.: 18.149 min
Delta R.T.: -0.002 min
Response: 2274167
Conc: 19.20 ug/ml

Instrument :

FID_G

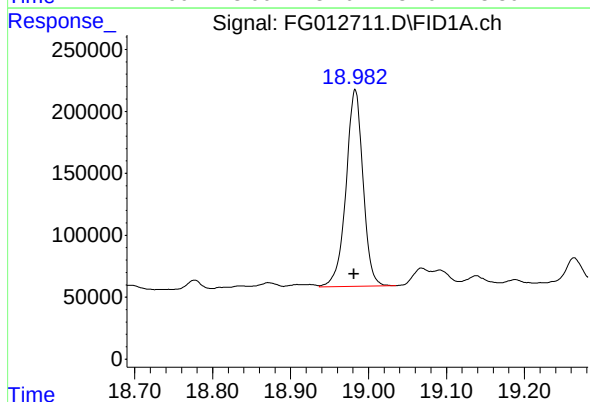
ClientSampleId :

WASTEMSD

Manual Integrations

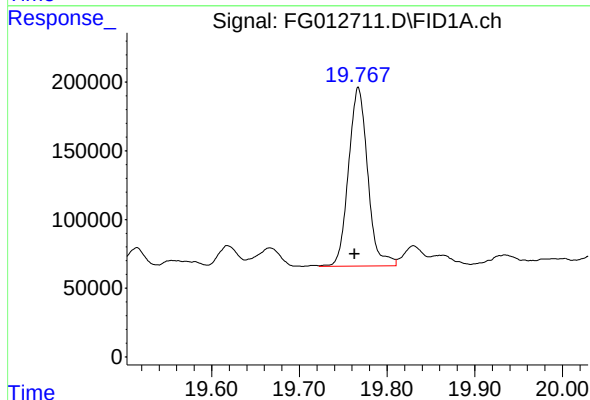
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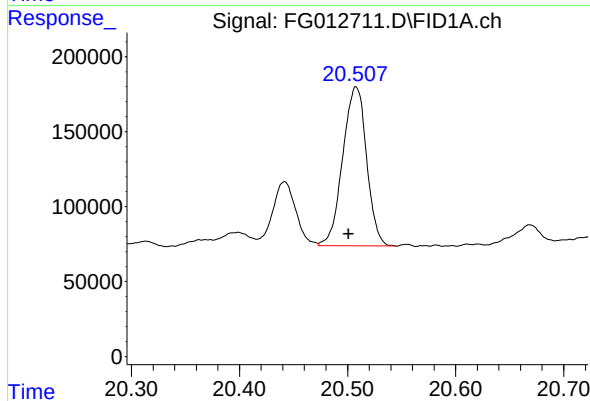
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: 0.002 min
Response: 2406053
Conc: 21.42 ug/ml



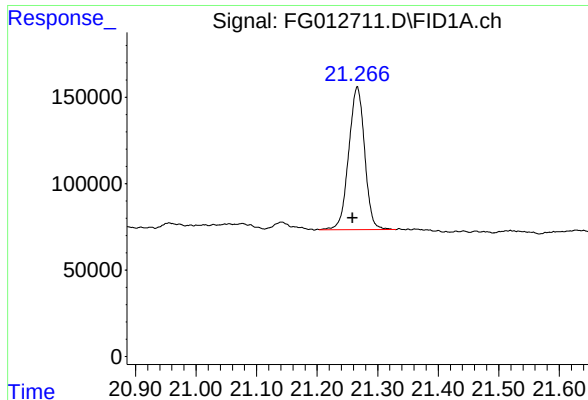
#15 N-TETRATRIACONTANE

R.T.: 19.767 min
Delta R.T.: 0.004 min
Response: 1975786
Conc: 20.86 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.507 min
Delta R.T.: 0.006 min
Response: 1630520
Conc: 20.09 ug/ml m



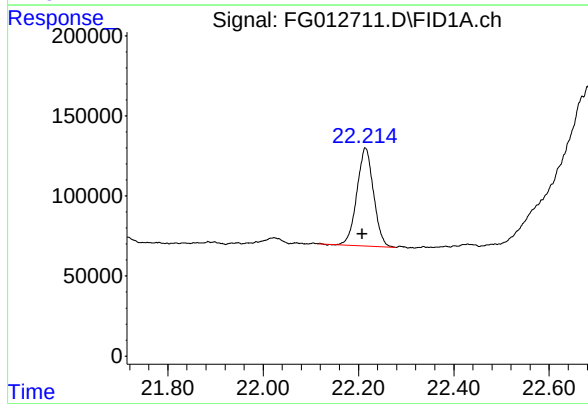
#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.007 min
Response: 1509127
Conc: 20.90 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.214 min
Delta R.T.: 0.006 min
Response: 1479945
Conc: 21.24 ug/ml