

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081823\
 Data File : FG012725.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 16:26
 Operator : YP\AJ
 Sample : 04054-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
 Quant Time: Aug 18 23:40:39 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...	15.084	1206629	10.786 ug/mlm
Target Compounds			
1) N-OCTANE	2.080	1231979	10.006 ug/ml
2) N-DECANE	4.599	1695578	13.347 ug/ml
3) N-DODECANE	6.773	1890376	14.717 ug/ml
4) N-TETRADECANE	8.606	2020525	15.685 ug/ml
5) N-HEXADECANE	10.219	2038580	15.714 ug/ml
6) N-OCTADECANE	11.667	2202596	16.793 ug/ml
7) N-EICOSANE	12.981	2035914	15.829 ug/ml
8) N-DOCOSANE	14.182	1979657	15.653 ug/ml
10) N-TETRACOSANE	15.288	2083765	16.477 ug/ml
11) N-HEXACOSANE	16.312	1936547	15.471 ug/ml
12) N-OCTACOSANE	17.266	1944047	15.818 ug/ml
13) N-TRIACONTANE	18.156	1947549	16.444 ug/mlm
14) N-DOTRIACONTANE	18.990	2129586	18.963 ug/ml
15) N-TETRATRIACONTANE	19.774	1785397	18.849 ug/ml
16) N-HEXATRIACONTANE	20.514	1339349	16.505 ug/mlm
17) N-OCTATRIACONTANE	21.274	1295567	17.941 ug/ml
18) N-TETRACONTANE	22.224	1303717	18.711 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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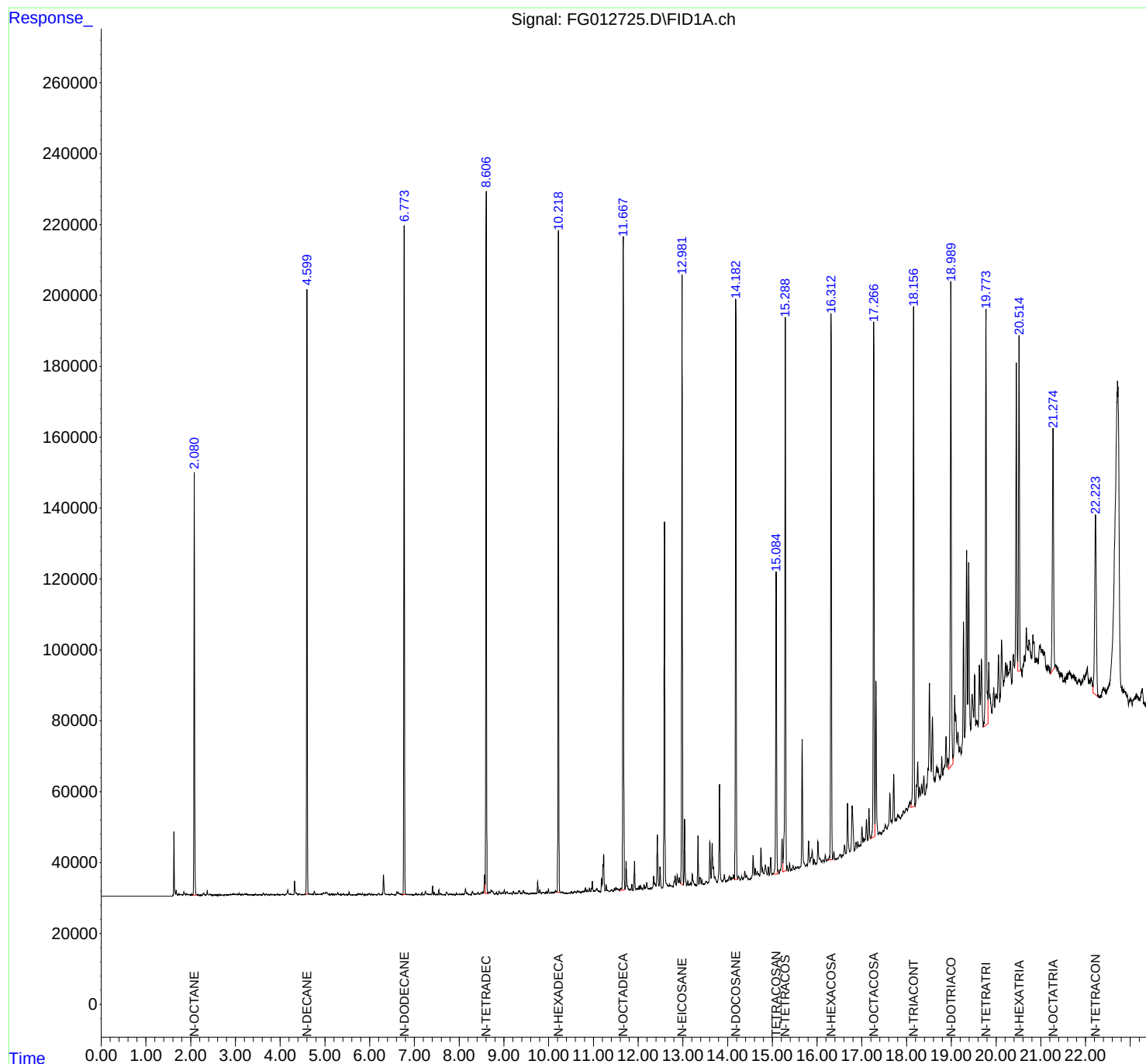
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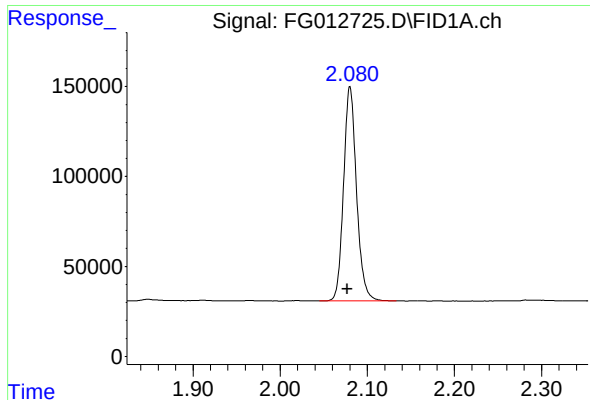
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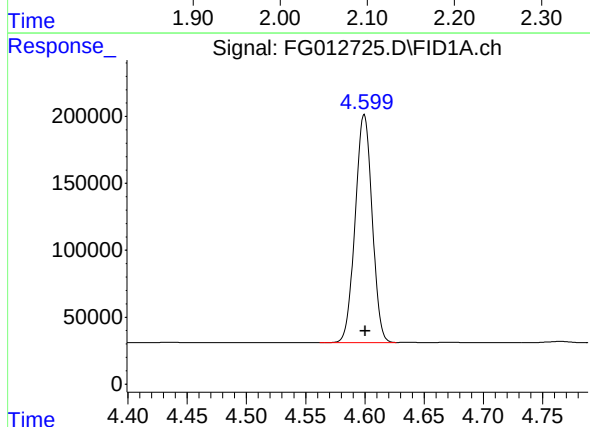
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.003 min
Response: 1231979
Conc: 10.01 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

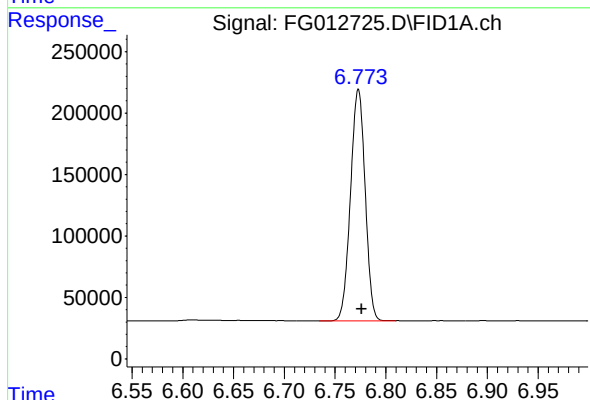
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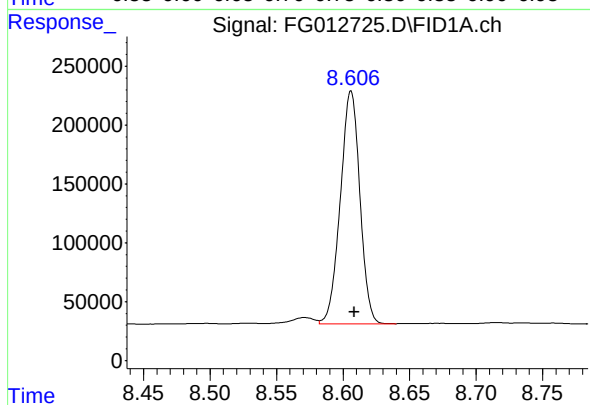
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 1695578
Conc: 13.35 ug/ml



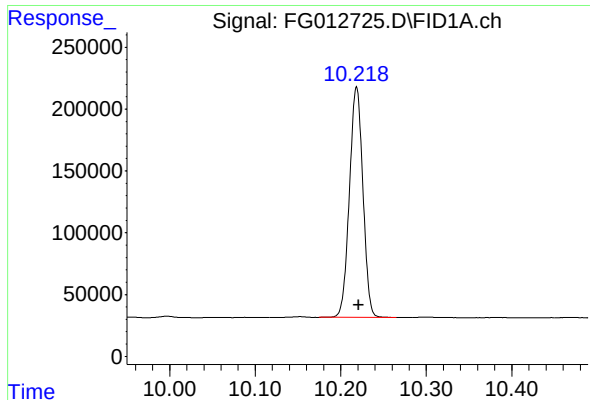
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 1890376
Conc: 14.72 ug/ml



#4 N-TETRADECANE

R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 2020525
Conc: 15.68 ug/ml



#5 N-HEXADECANE

R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 2038580
Conc: 15.71 ug/ml

Instrument :

FID_G

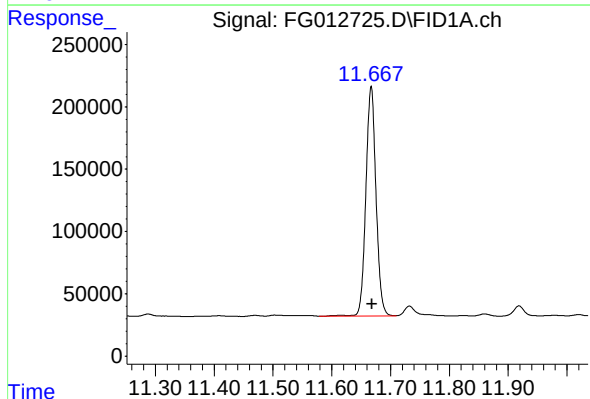
ClientSampleId :

WASTEMS

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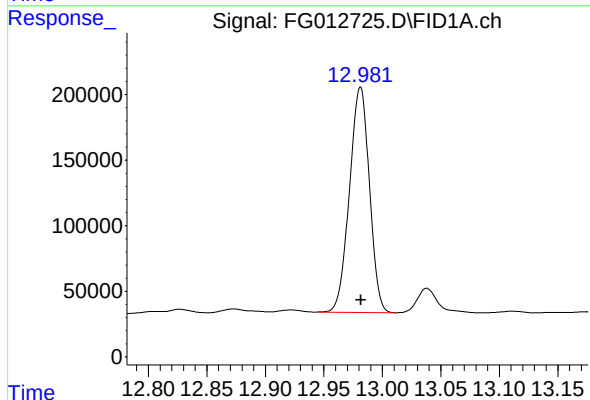
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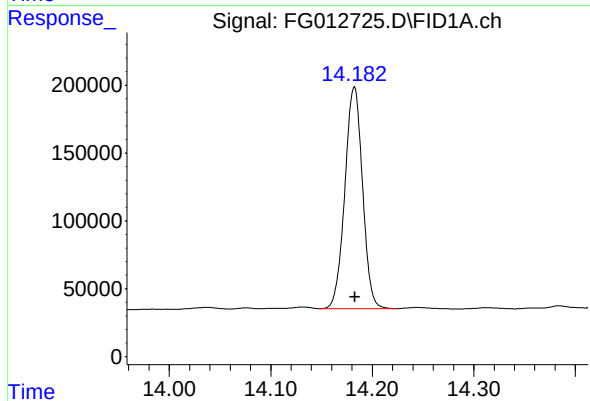
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: -0.001 min
Response: 2202596
Conc: 16.79 ug/ml



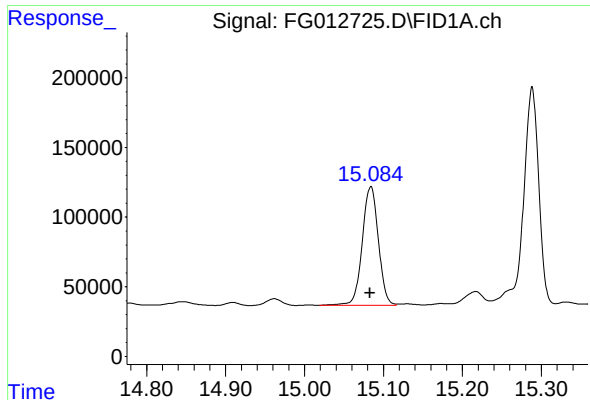
#7 N-EICOSANE

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 2035914
Conc: 15.83 ug/ml



#8 N-DOCOSANE

R.T.: 14.182 min
Delta R.T.: 0.000 min
Response: 1979657
Conc: 15.65 ug/ml



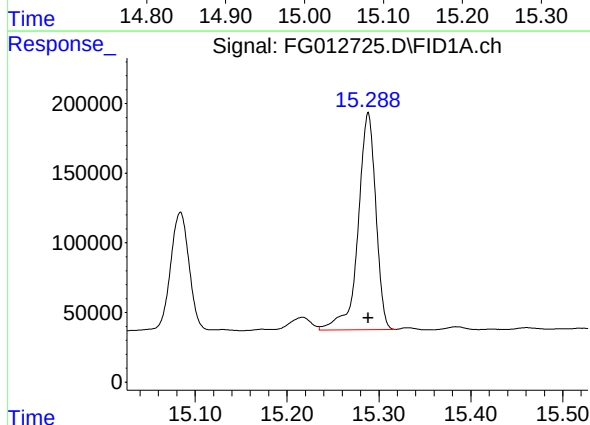
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.084 min
Delta R.T.: 0.001 min
Response: 1206629
Conc: 10.79 ug/ml

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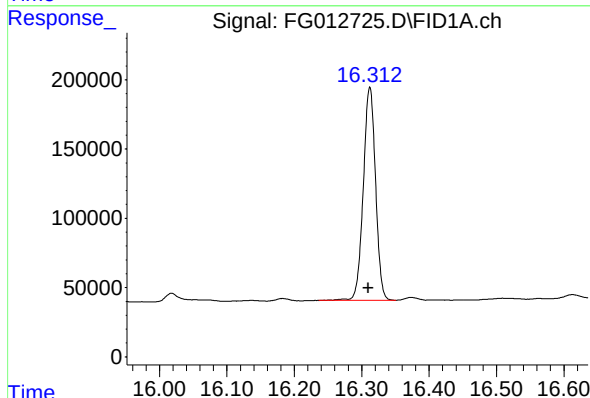
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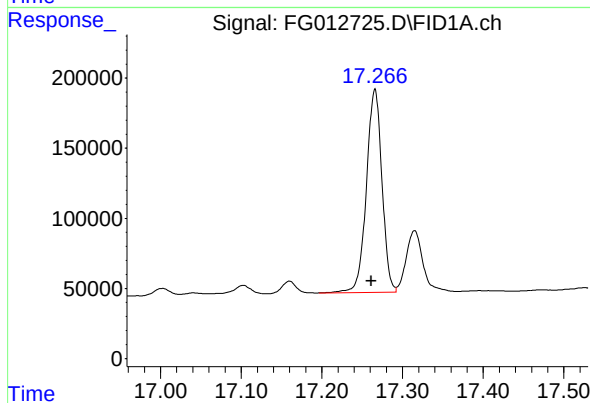
#10 N-TETRACOSANE

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 2083765
Conc: 16.48 ug/ml



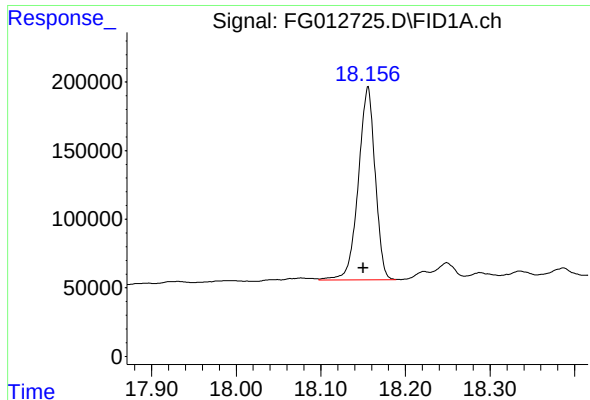
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.002 min
Response: 1936547
Conc: 15.47 ug/ml



#12 N-OCTACOSANE

R.T.: 17.266 min
Delta R.T.: 0.005 min
Response: 1944047
Conc: 15.82 ug/ml



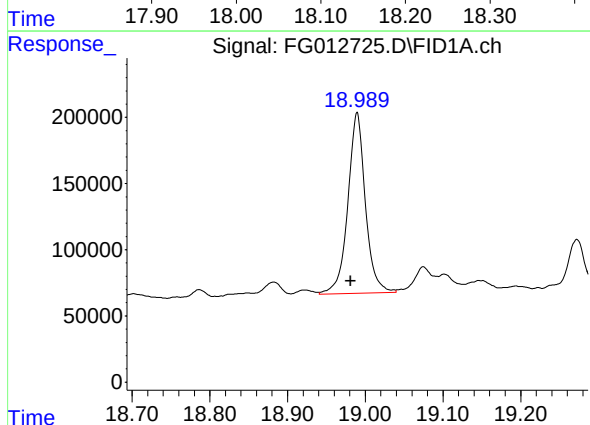
#13 N-TRIACONTANE

R.T.: 18.156 min
Delta R.T.: 0.005 min
Response: 1947549
Conc: 16.44 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

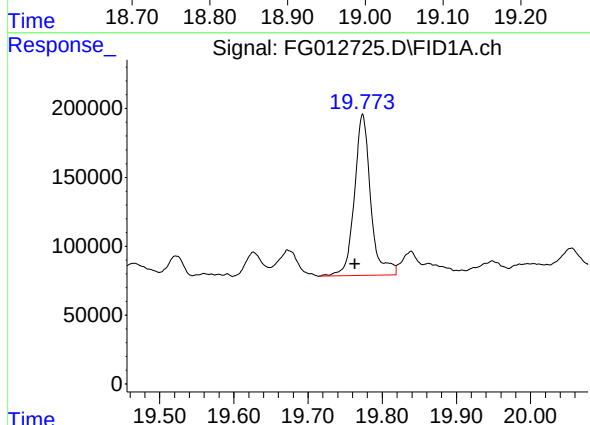
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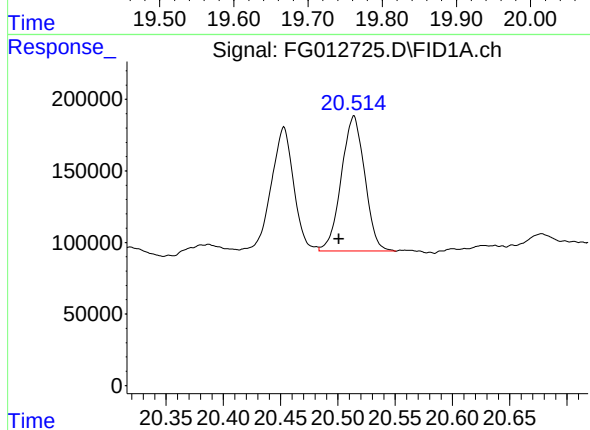
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.008 min
Response: 2129586
Conc: 18.96 ug/ml



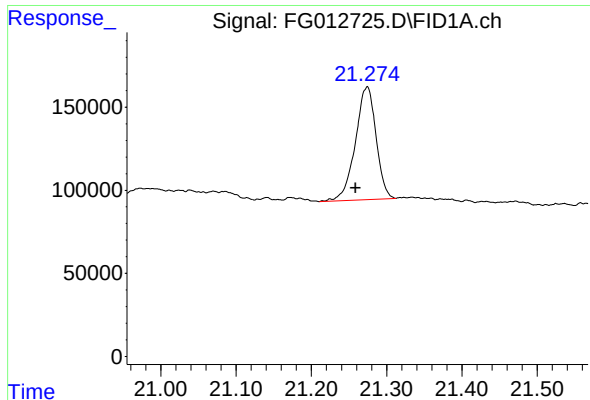
#15 N-TETRATRIACONTANE

R.T.: 19.774 min
Delta R.T.: 0.011 min
Response: 1785397
Conc: 18.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.514 min
Delta R.T.: 0.013 min
Response: 1339349
Conc: 16.50 ug/ml m



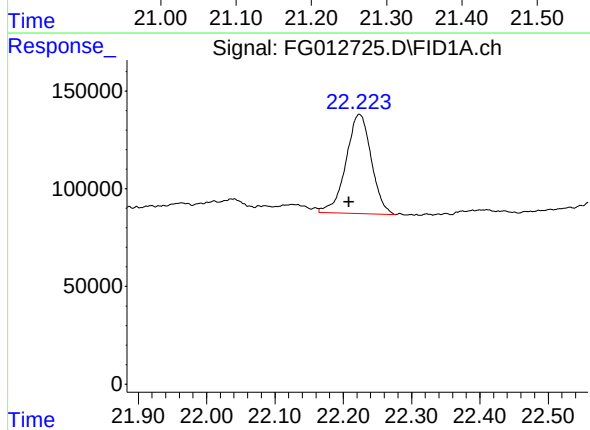
#17 N-OCTATRIACONTANE

R.T.: 21.274 min
Delta R.T.: 0.015 min
Response: 1295567
Conc: 17.94 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.224 min
Delta R.T.: 0.015 min
Response: 1303717
Conc: 18.71 ug/ml