

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062824\
 Data File : FG013913.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 17:31
 Operator : YP\AJ
 Sample : P3112-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

WASTEMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/01/2024

Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 01:40:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062524.M
 Quant Title :
 QLast Update : Tue Jun 25 12:42:41 2024
 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...	14.962	1446187	13.368 ug/ml
Target Compounds			
1) N-OCTANE	1.974	2258642	18.943 ug/ml
2) N-DECANE	4.482	2578996	21.551 ug/ml
3) N-DODECANE	6.654	2659297	21.736 ug/ml
4) N-TETRADECANE	8.486	2762249	22.447 ug/ml
5) N-HEXADECANE	10.098	2792412	22.381 ug/ml
6) N-OCTADECANE	11.545	2911065	22.975 ug/ml
7) N-EICOSANE	12.858	3028169	23.787 ug/ml
8) N-DOCOSANE	14.060	3038331	24.746 ug/mlm
10) N-TETRACOSANE	15.167	2696937	22.266 ug/ml
11) N-HEXACOSANE	16.193	2781051	23.268 ug/ml
12) N-OCTACOSANE	17.145	3054073	25.948 ug/mlm
13) N-TRIACONTANE	18.035	2807481	23.471 ug/mlm
14) N-DOTRIACONTANE	18.872	2590454	22.073 ug/mlm
15) N-TETRATRIACONTANE	19.657	2270635	20.552 ug/mlm
16) N-HEXATRIACONTANE	20.400	1833838	18.220 ug/ml
17) N-OCTATRIACONTANE	21.137	1922023	20.812 ug/mlm
18) N-TETRACONTANE	22.045	1683882	20.191 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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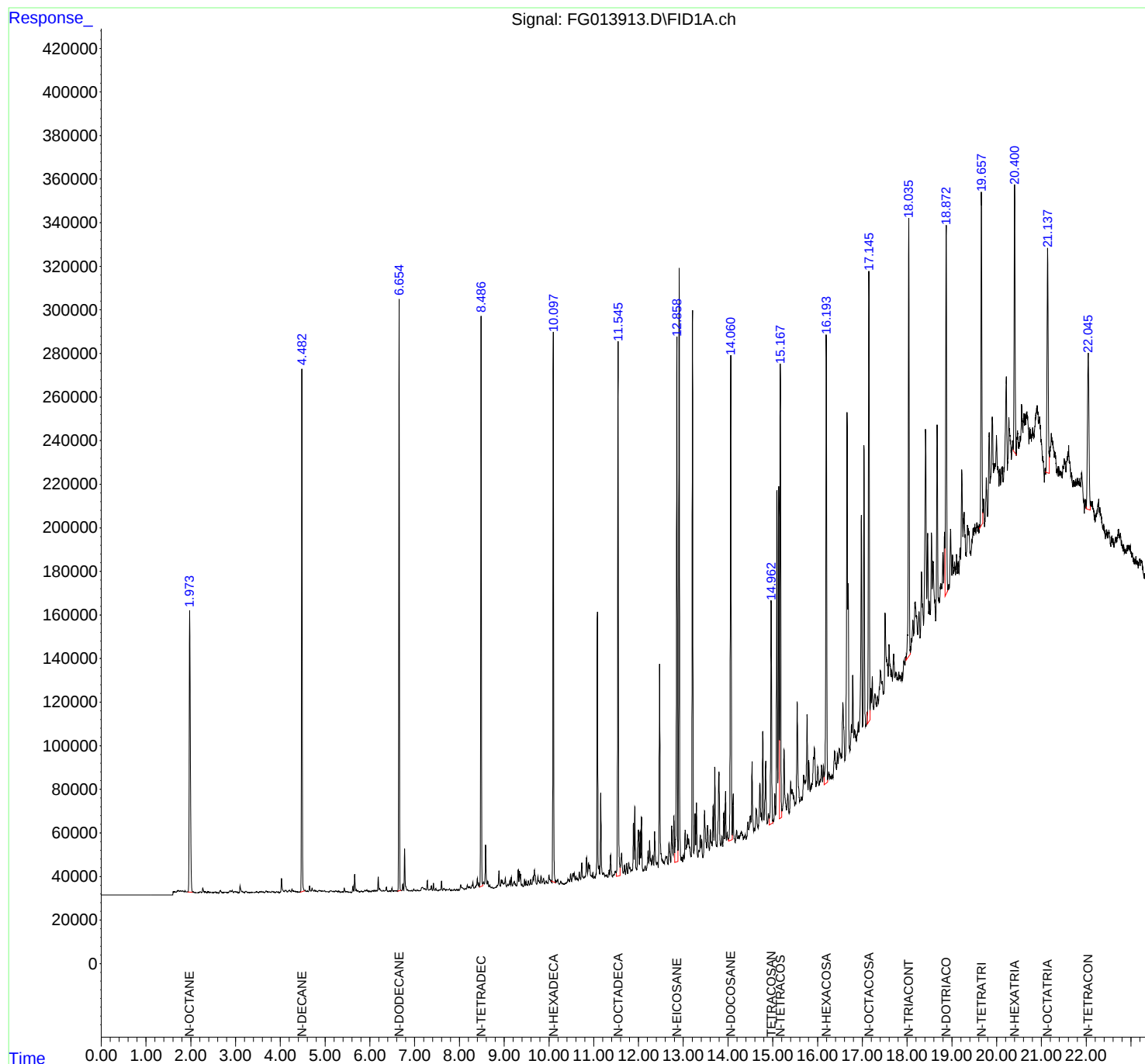
APPROVED

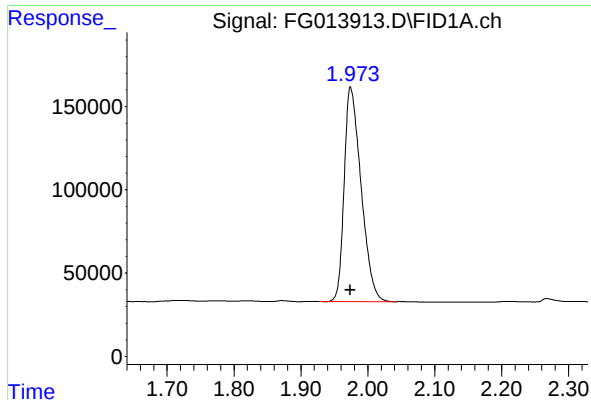
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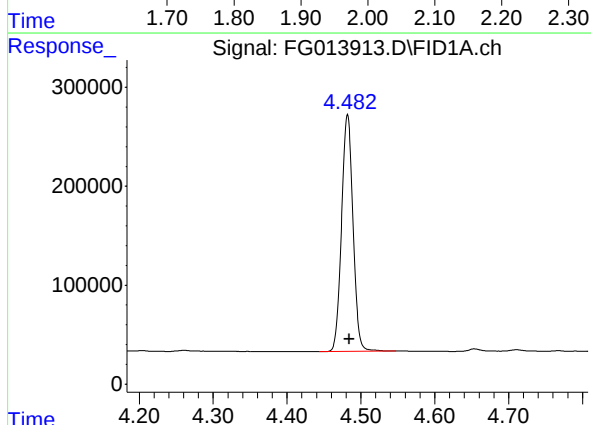
#1 N-OCTANE

R.T.: 1.974 min
Delta R.T.: 0.000 min
Response: 2258642
Conc: 18.94 ug/ml

Instrument :
FID_G
ClientSampleId :
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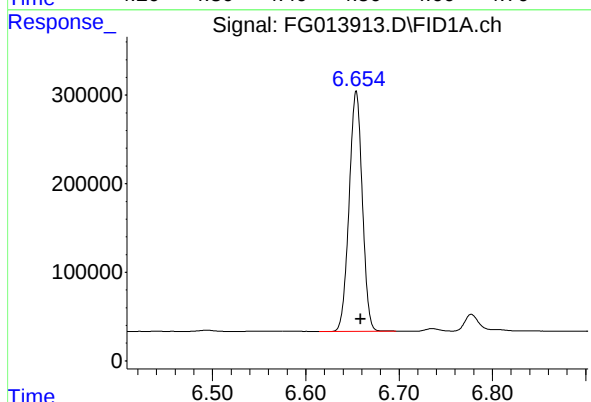
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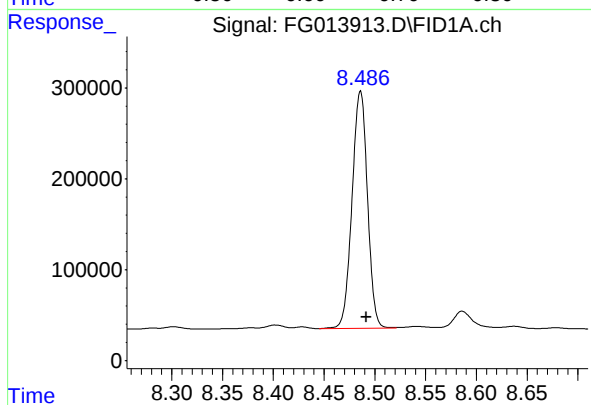
#2 N-DECANE

R.T.: 4.482 min
Delta R.T.: -0.003 min
Response: 2578996
Conc: 21.55 ug/ml



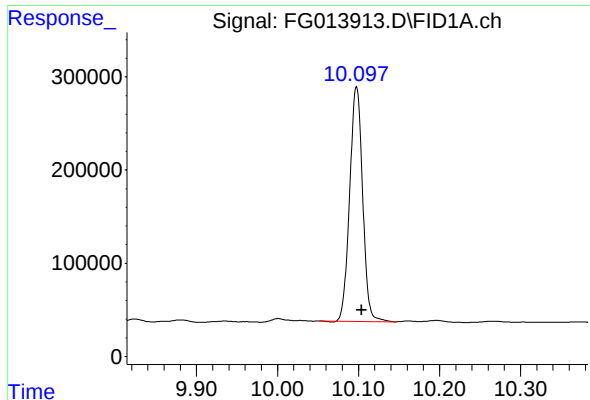
#3 N-DODECANE

R.T.: 6.654 min
Delta R.T.: -0.005 min
Response: 2659297
Conc: 21.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 2762249
Conc: 22.45 ug/ml



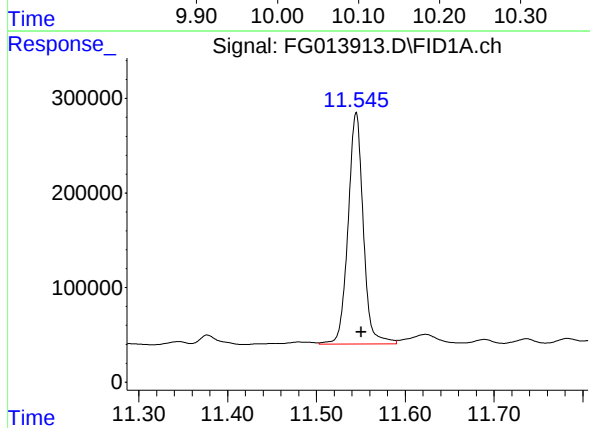
#5 N-HEXADECANE

R.T.: 10.098 min
Delta R.T.: -0.006 min
Response: 2792412
Conc: 22.38 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

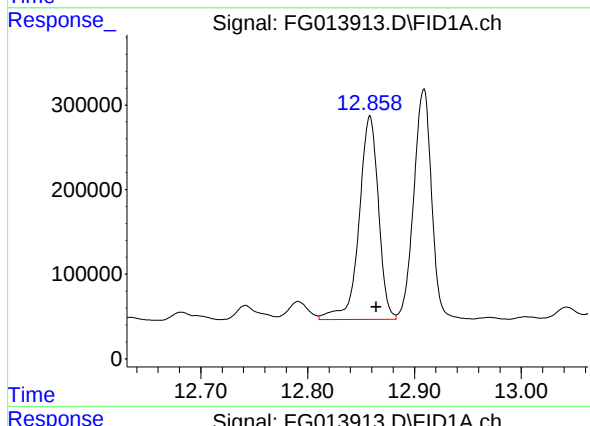
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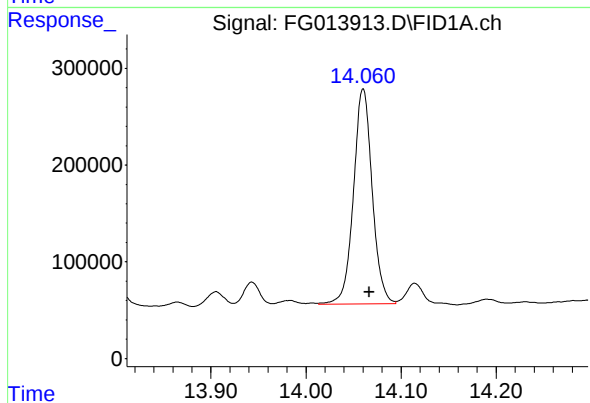
#6 N-OCTADECANE

R.T.: 11.545 min
Delta R.T.: -0.006 min
Response: 2911065
Conc: 22.98 ug/ml



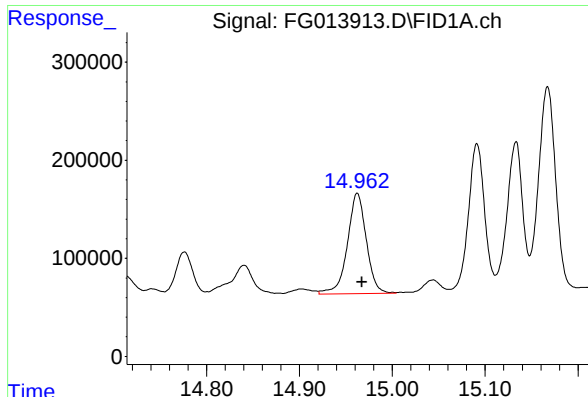
#7 N-EICOSANE

R.T.: 12.858 min
Delta R.T.: -0.006 min
Response: 3028169
Conc: 23.79 ug/ml



#8 N-DOCOSANE

R.T.: 14.060 min
Delta R.T.: -0.007 min
Response: 3038331
Conc: 24.75 ug/ml m



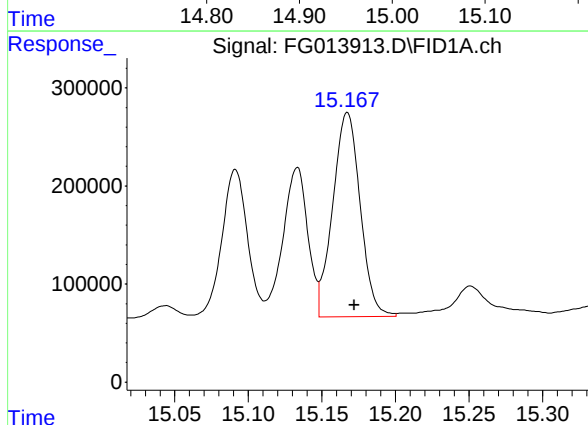
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.962 min
Delta R.T.: -0.005 min
Response: 1446187
Conc: 13.37 ug/ml

Instrument :
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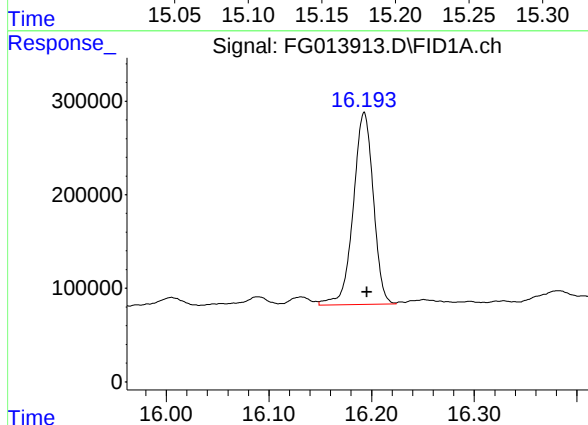
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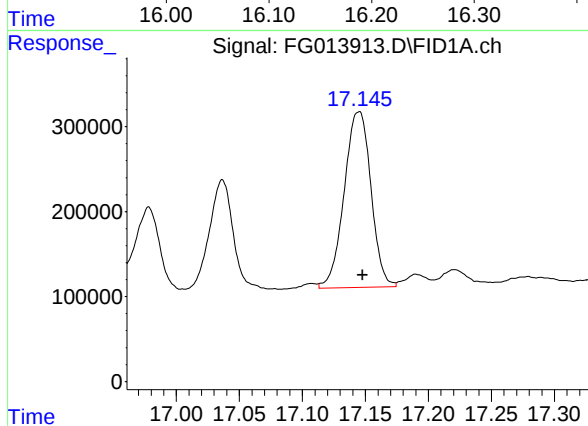
#10 N-TETRACOSANE

R.T.: 15.167 min
Delta R.T.: -0.005 min
Response: 2696937
Conc: 22.27 ug/ml



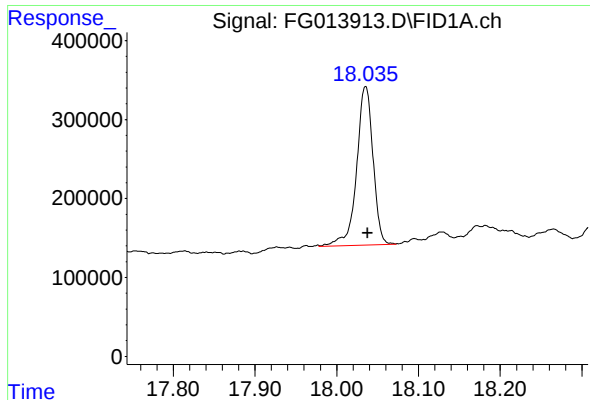
#11 N-HEXACOSANE

R.T.: 16.193 min
Delta R.T.: -0.003 min
Response: 2781051
Conc: 23.27 ug/ml



#12 N-OCTACOSANE

R.T.: 17.145 min
Delta R.T.: -0.002 min
Response: 3054073
Conc: 25.95 ug/ml m



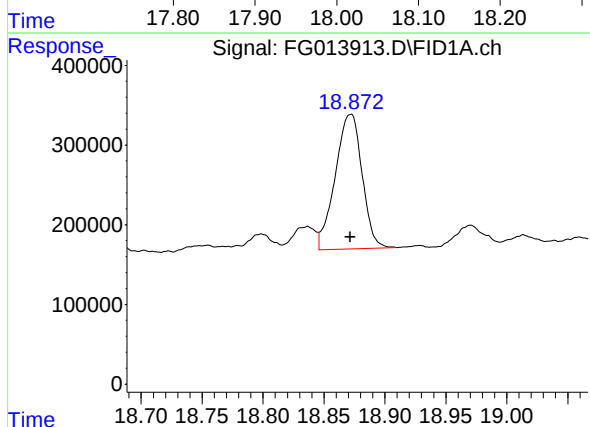
#13 N-TRIACONTANE

R.T.: 18.035 min
Delta R.T.: -0.003 min
Response: 2807481
Conc: 23.47 ug/ml

Instrument :
FID_G
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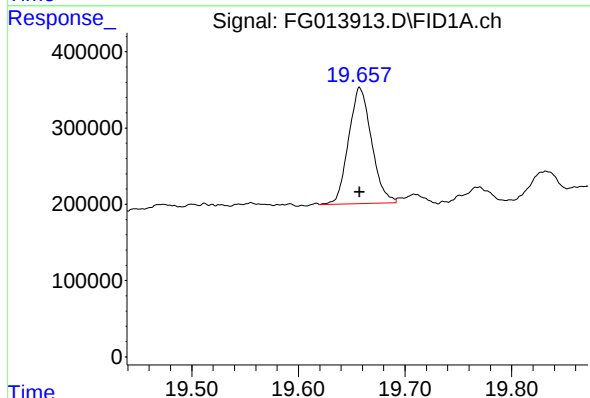
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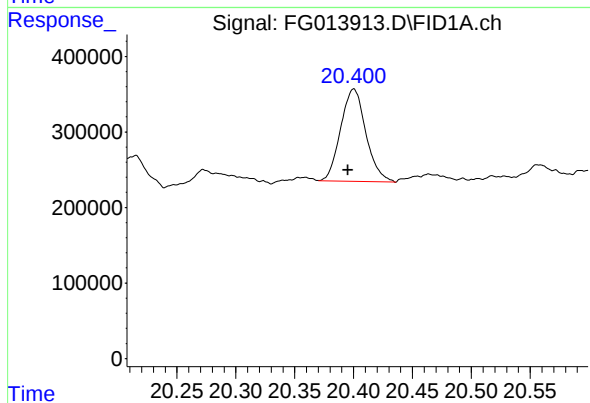
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: 0.000 min
Response: 2590454
Conc: 22.07 ug/ml m



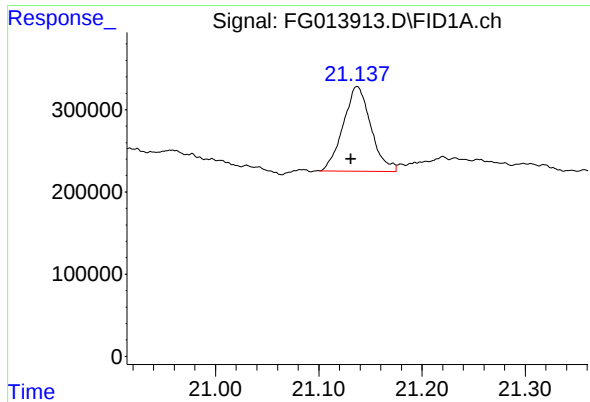
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: 0.000 min
Response: 2270635
Conc: 20.55 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.400 min
Delta R.T.: 0.005 min
Response: 1833838
Conc: 18.22 ug/ml



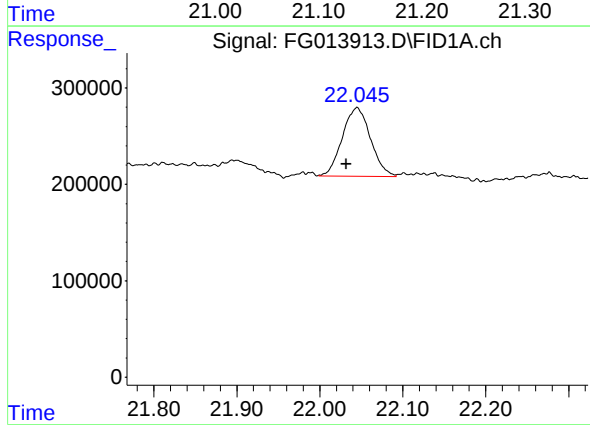
#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: 0.006 min
Response: 1922023
Conc: 20.81 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.045 min
Delta R.T.: 0.013 min
Response: 1683882
Conc: 20.19 ug/ml m