

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062824\
 Data File : FG013914.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 18:00
 Operator : YP\AJ
 Sample : P3112-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

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 01:40:25 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...	14.961	1416899	13.097 ug/ml
Target Compounds			
1) N-OCTANE	1.975	2237417	18.765 ug/ml
2) N-DECANE	4.483	2554674	21.347 ug/ml
3) N-DODECANE	6.655	2629597	21.493 ug/ml
4) N-TETRADECANE	8.487	2719637	22.101 ug/ml
5) N-HEXADECANE	10.098	2769179	22.194 ug/ml
6) N-OCTADECANE	11.545	2886000	22.777 ug/ml
7) N-EICOSANE	12.859	3026369	23.773 ug/ml
8) N-DOCOSANE	14.061	3155386	25.700 ug/ml
10) N-TETRACOSANE	15.167	2673438	22.072 ug/ml
11) N-HEXACOSANE	16.193	2800311	23.430 ug/ml
12) N-OCTACOSANE	17.144	2974899	25.275 ug/mlm
13) N-TRIACONTANE	18.037	2856029	23.877 ug/mlm
14) N-DOTRIACONTANE	18.872	2524868	21.514 ug/mlm
15) N-TETRATRIACONTANE	19.657	2315746	20.961 ug/mlm
16) N-HEXATRIACONTANE	20.401	1725754	17.146 ug/ml
17) N-OCTATRIACONTANE	21.138	1843099	19.958 ug/mlm
18) N-TETRACONTANE	22.047	1654163	19.834 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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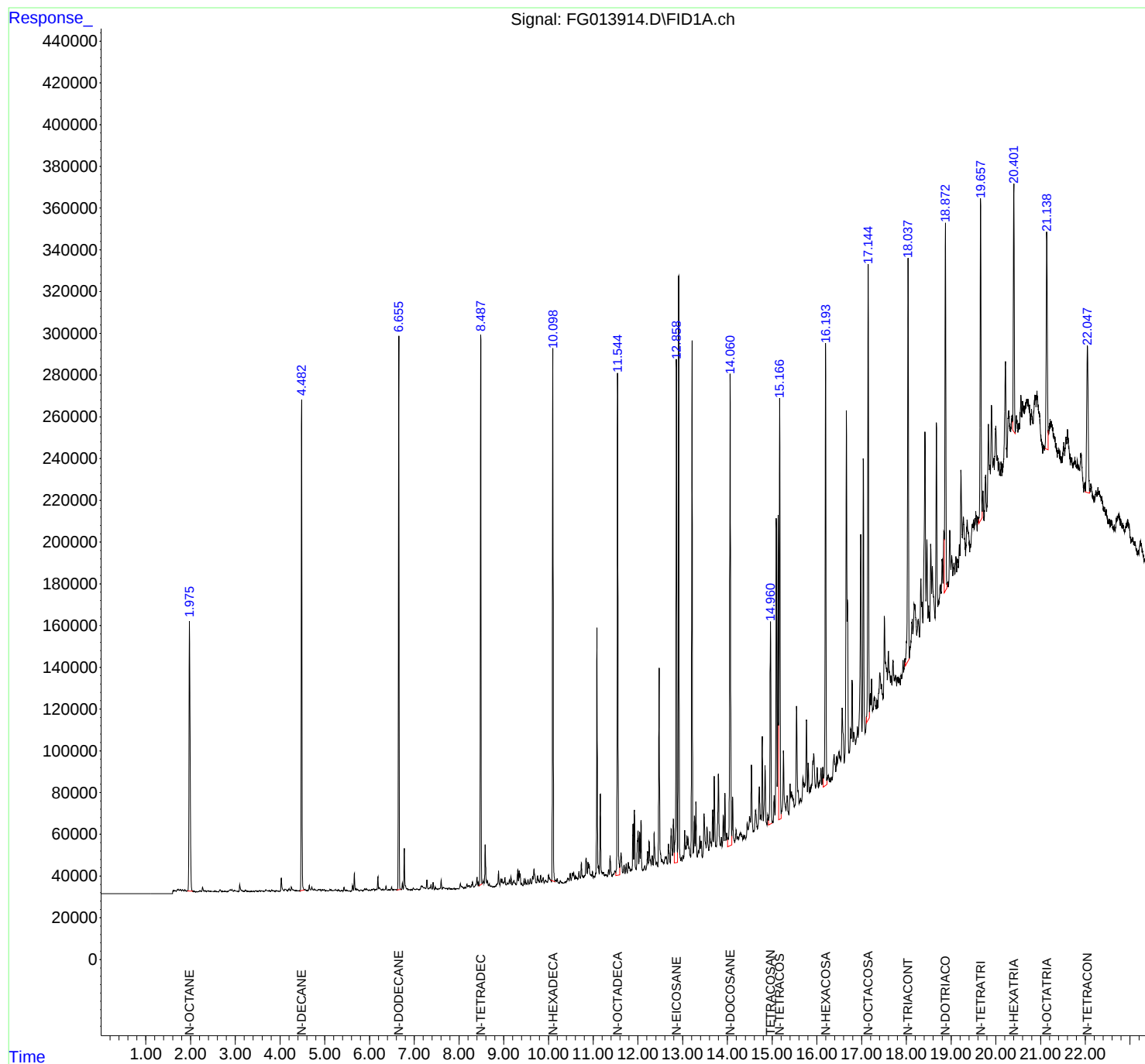
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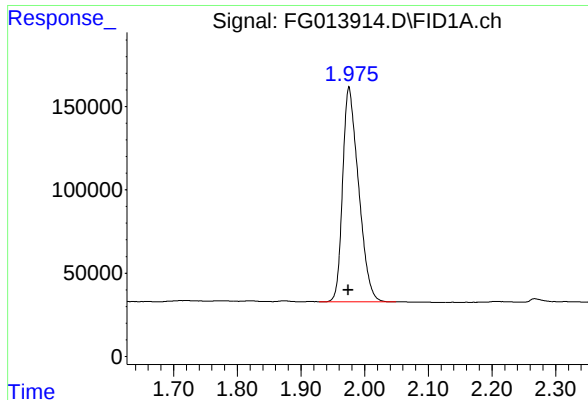
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.975 min
Delta R.T.: 0.001 min
Response: 2237417
Conc: 18.76 ug/ml

Instrument :

FID_G

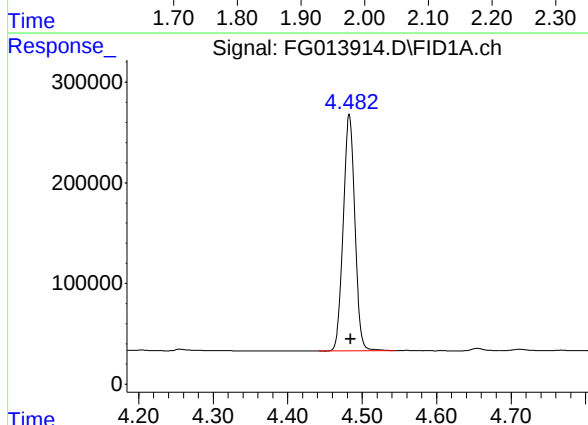
ClientSampleId :

WASTEMSD

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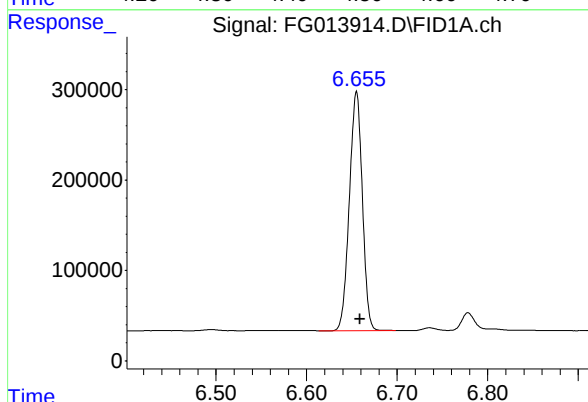
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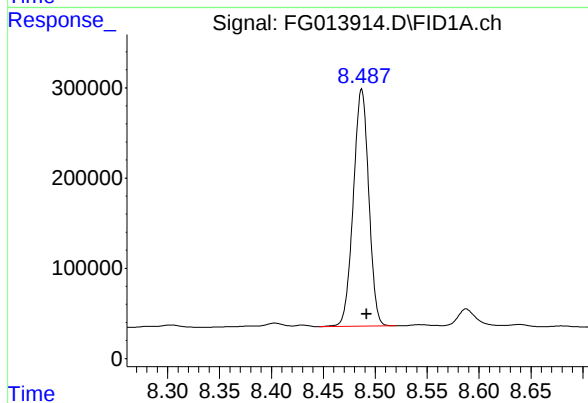
#2 N-DECANE

R.T.: 4.483 min
Delta R.T.: -0.002 min
Response: 2554674
Conc: 21.35 ug/ml



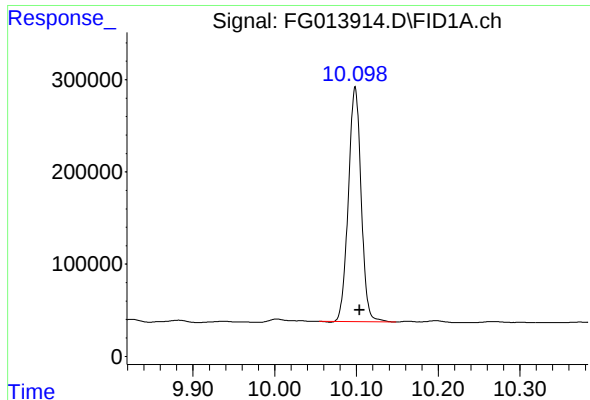
#3 N-DODECANE

R.T.: 6.655 min
Delta R.T.: -0.004 min
Response: 2629597
Conc: 21.49 ug/ml



#4 N-TETRADECANE

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 2719637
Conc: 22.10 ug/ml



#5 N-HEXADECANE

R.T.: 10.098 min
Delta R.T.: -0.005 min
Response: 2769179
Conc: 22.19 ug/ml

Instrument :

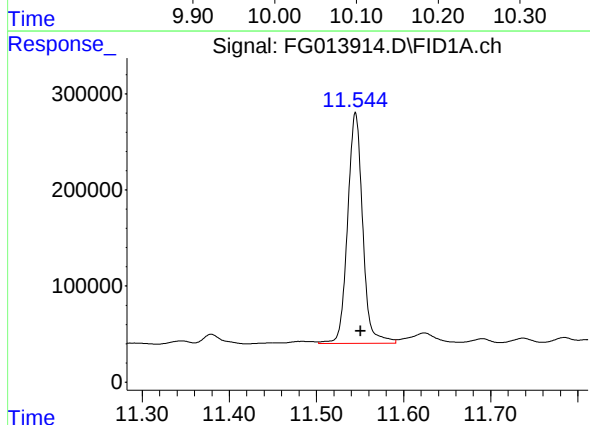
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ClientSampleId :

WASTEMSD

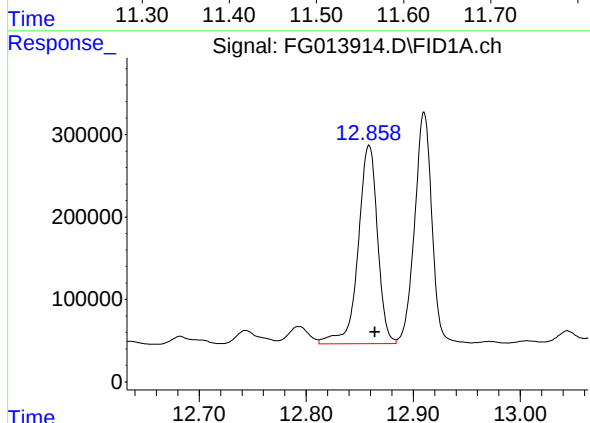
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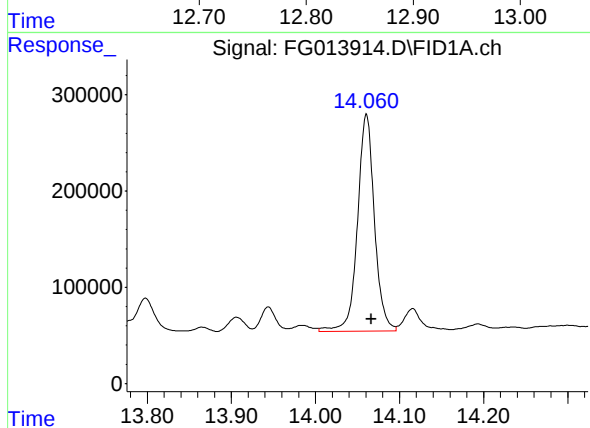
#6 N-OCTADECANE

R.T.: 11.545 min
Delta R.T.: -0.006 min
Response: 2886000
Conc: 22.78 ug/ml



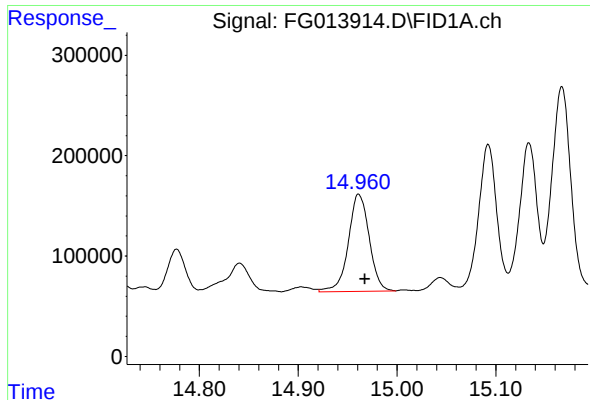
#7 N-EICOSANE

R.T.: 12.859 min
Delta R.T.: -0.006 min
Response: 3026369
Conc: 23.77 ug/ml



#8 N-DOCOSANE

R.T.: 14.061 min
Delta R.T.: -0.006 min
Response: 3155386
Conc: 25.70 ug/ml



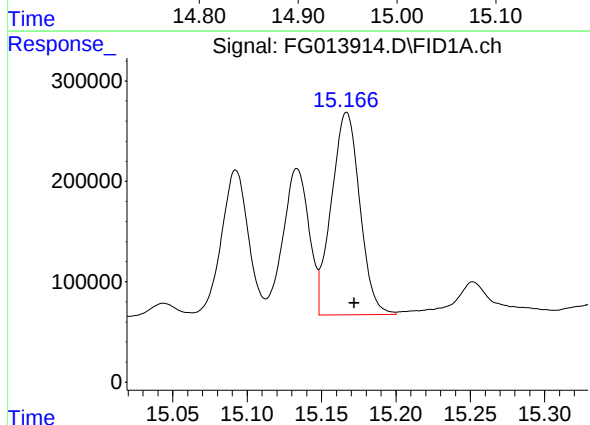
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.961 min
Delta R.T.: -0.006 min
Response: 1416899
Conc: 13.10 ug/ml

Instrument :
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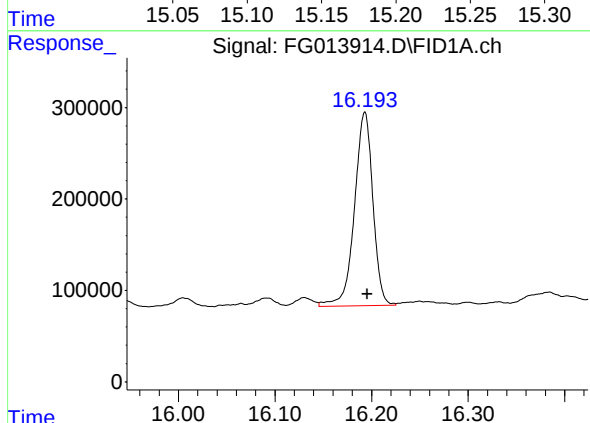
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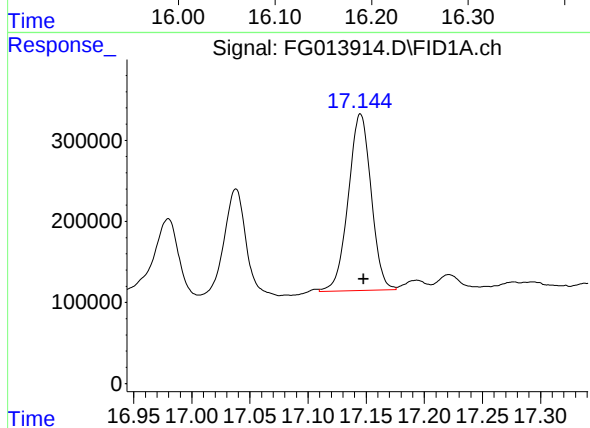
#10 N-TETRACOSANE

R.T.: 15.167 min
Delta R.T.: -0.005 min
Response: 2673438
Conc: 22.07 ug/ml



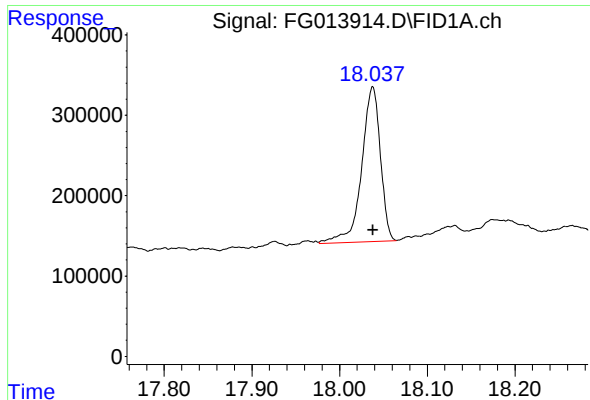
#11 N-HEXACOSANE

R.T.: 16.193 min
Delta R.T.: -0.003 min
Response: 2800311
Conc: 23.43 ug/ml



#12 N-OCTACOSANE

R.T.: 17.144 min
Delta R.T.: -0.003 min
Response: 2974899
Conc: 25.27 ug/ml m



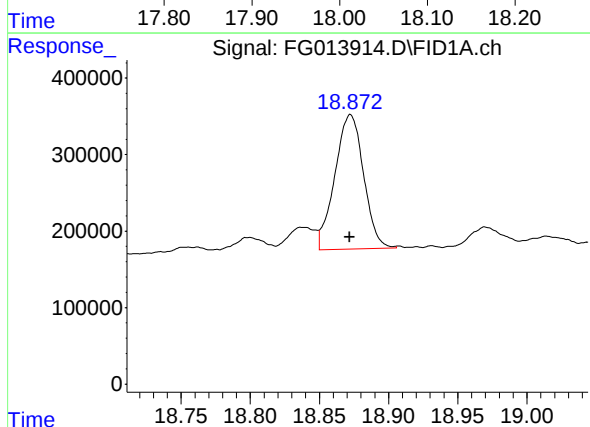
#13 N-TRIACONTANE

R.T.: 18.037 min
Delta R.T.: 0.000 min
Response: 2856029
Conc: 23.88 ug/ml

Instrument :
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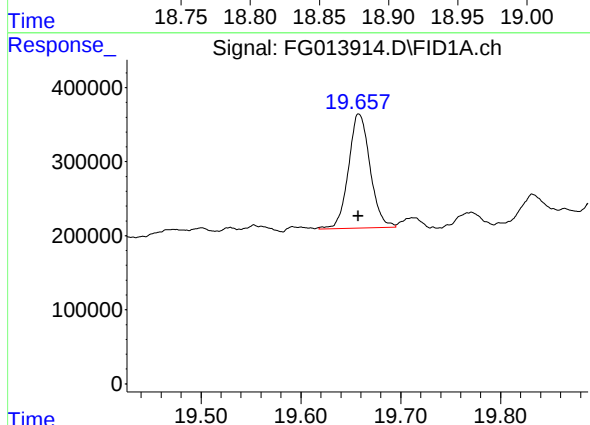
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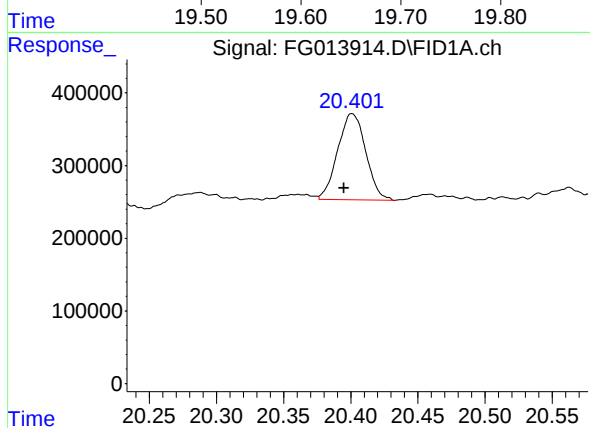
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: 0.000 min
Response: 2524868
Conc: 21.51 ug/ml m



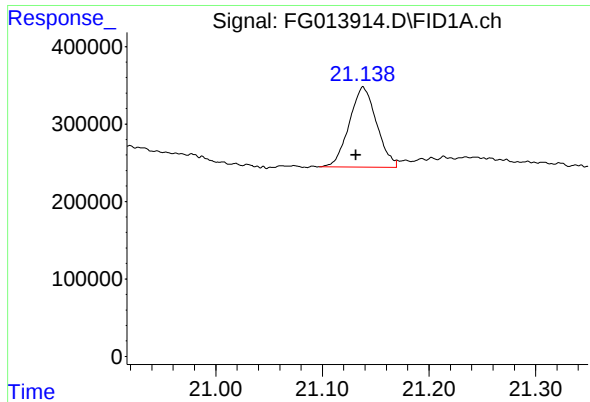
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: 0.000 min
Response: 2315746
Conc: 20.96 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.401 min
Delta R.T.: 0.006 min
Response: 1725754
Conc: 17.15 ug/ml



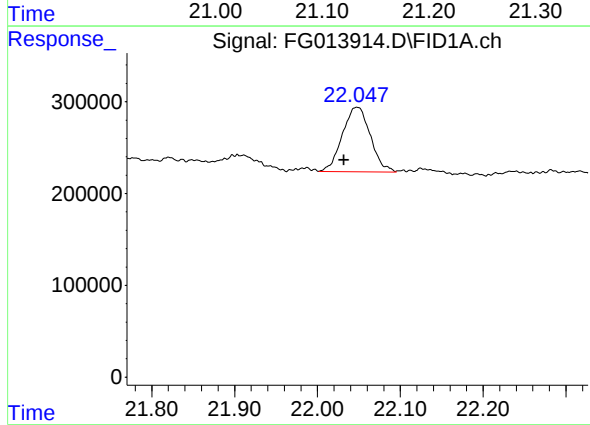
#17 N-OCTATRIACONTANE

R.T.: 21.138 min
Delta R.T.: 0.006 min
Response: 1843099
Conc: 19.96 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.047 min
Delta R.T.: 0.015 min
Response: 1654163
Conc: 19.83 ug/ml m