

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG053124\
 Data File : FG013857.D
 Signal(s) : FID1A.ch
 Acq On : 31 May 2024 16:43
 Operator : YP\AJ
 Sample : P2666-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 01:25:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 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...	14.972	1399076	12.695 ug/ml
Target Compounds			
1) N-OCTANE	1.985	1436730	11.959 ug/ml
2) N-DECANE	4.493	1872500	15.390 ug/ml
3) N-DODECANE	6.665	2051697	16.519 ug/ml
4) N-TETRADECANE	8.496	2174100	17.056 ug/ml
5) N-HEXADECANE	10.108	2192633	17.171 ug/ml
6) N-OCTADECANE	11.555	2370590	18.405 ug/ml
7) N-EICOSANE	12.868	2268110	17.574 ug/ml
8) N-DOCOSANE	14.069	2221855	17.835 ug/mlm
10) N-TETRACOSANE	15.176	2178990	17.666 ug/ml
11) N-HEXACOSANE	16.200	2169485	17.863 ug/ml
12) N-OCTACOSANE	17.153	2130737	17.981 ug/ml
13) N-TRIACONTANE	18.043	2251639	19.171 ug/ml
14) N-DOTRIACONTANE	18.878	2431085	21.627 ug/mlm
15) N-TETRATRIACONTANE	19.664	2369744	23.043 ug/ml
16) N-HEXATRIACONTANE	20.406	2483630	27.901 ug/mlm
17) N-OCTATRIACONTANE	21.142	2637312	33.503 ug/ml
18) N-TETRACONTANE	22.051	2585826	39.598 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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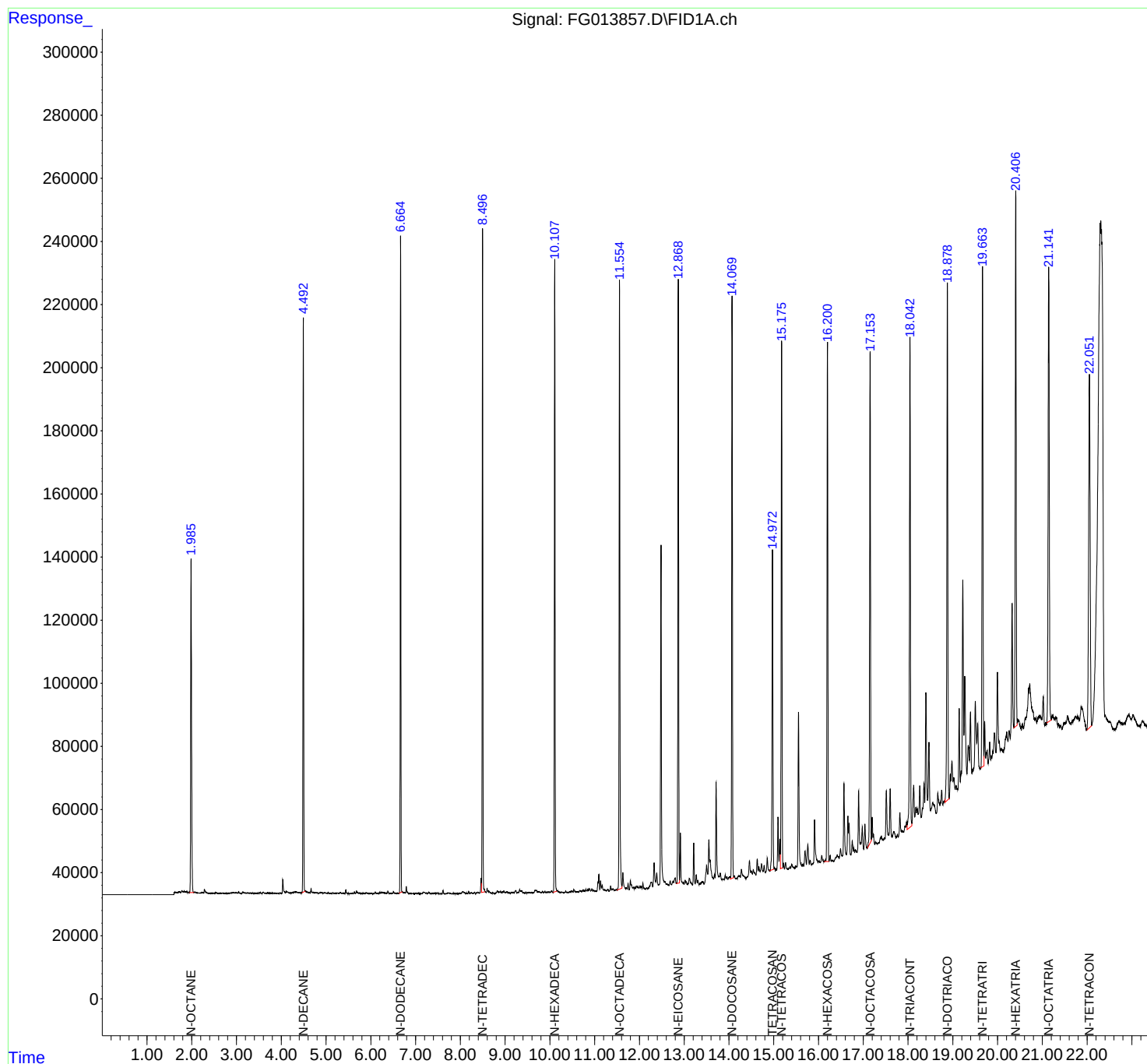
APPROVED

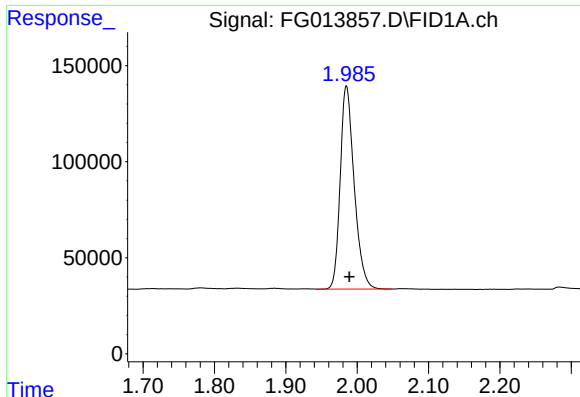
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





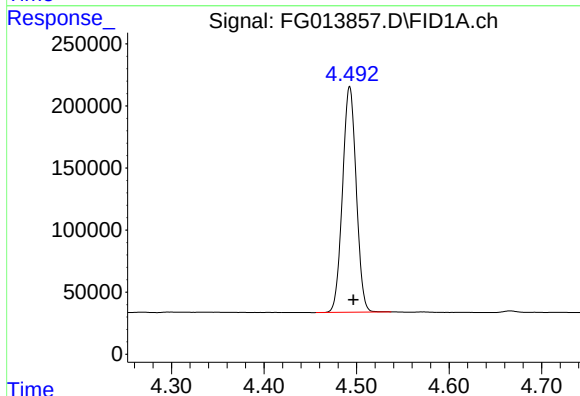
#1 N-OCTANE

R.T.: 1.985 min
Delta R.T.: -0.004 min
Response: 1436730
Conc: 11.96 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

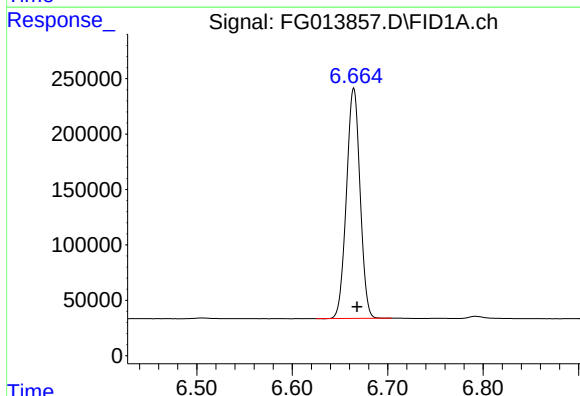
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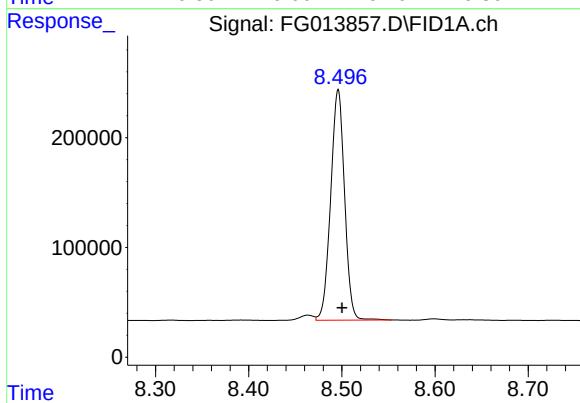
#2 N-DECANE

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 1872500
Conc: 15.39 ug/ml



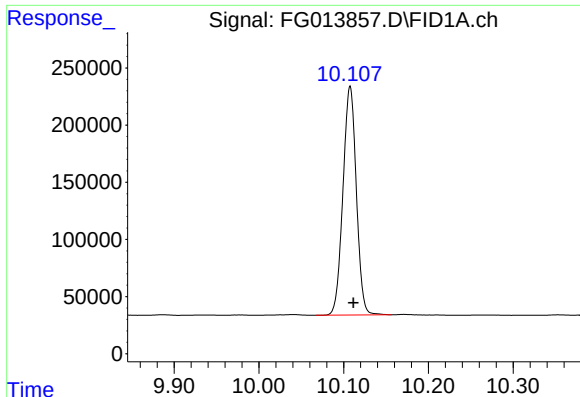
#3 N-DODECANE

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 2051697
Conc: 16.52 ug/ml



#4 N-TETRADECANE

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 2174100
Conc: 17.06 ug/ml



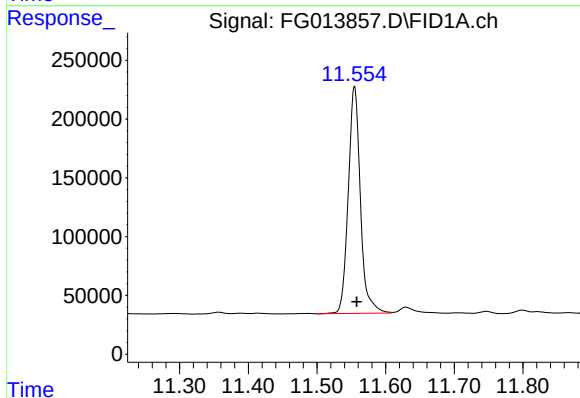
#5 N-HEXADECANE

R.T.: 10.108 min
Delta R.T.: -0.004 min
Response: 2192633
Conc: 17.17 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

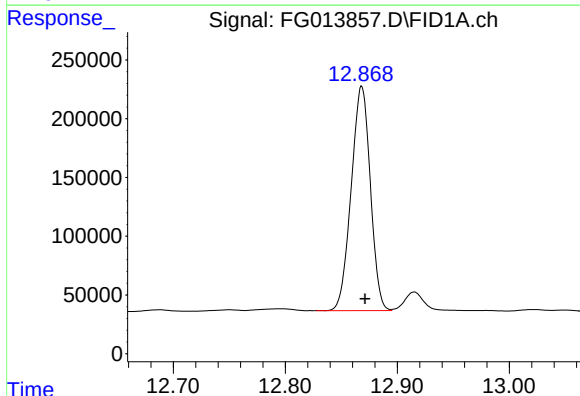
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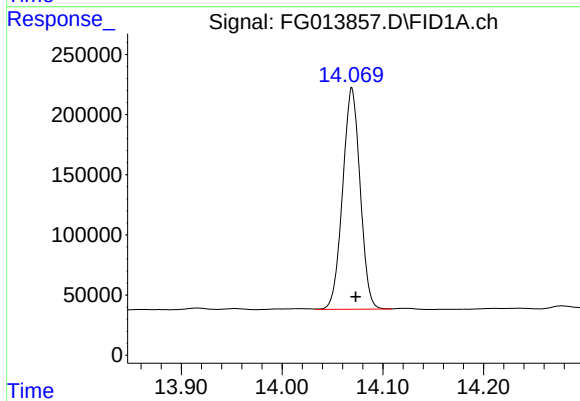
#6 N-OCTADECANE

R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 2370590
Conc: 18.40 ug/ml



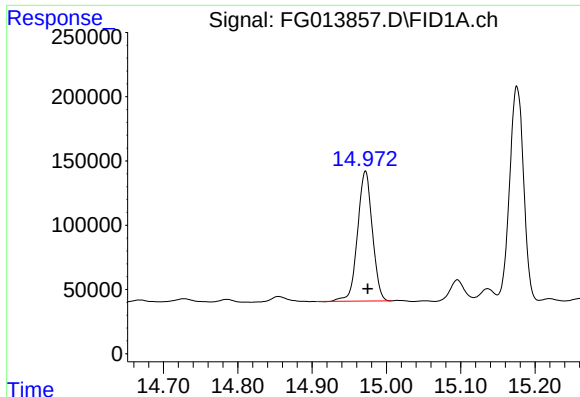
#7 N-EICOSANE

R.T.: 12.868 min
Delta R.T.: -0.003 min
Response: 2268110
Conc: 17.57 ug/ml



#8 N-DOCOSANE

R.T.: 14.069 min
Delta R.T.: -0.004 min
Response: 2221855
Conc: 17.83 ug/ml m



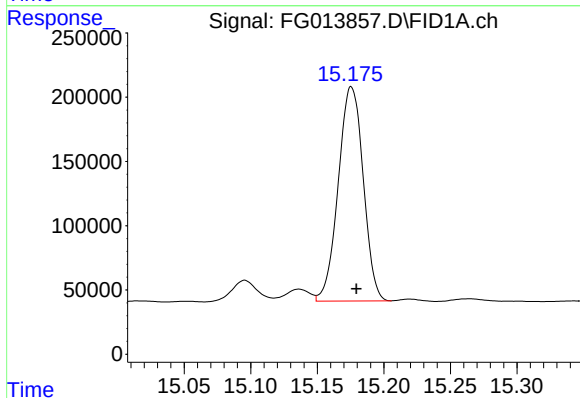
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.972 min
Delta R.T.: -0.003 min
Response: 1399076
Conc: 12.70 ug/ml

Instrument :
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WASTEMSD

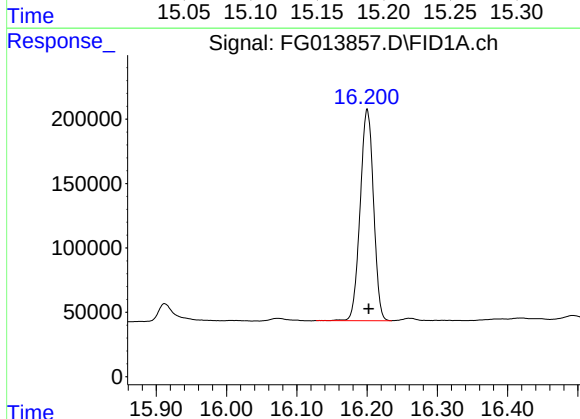
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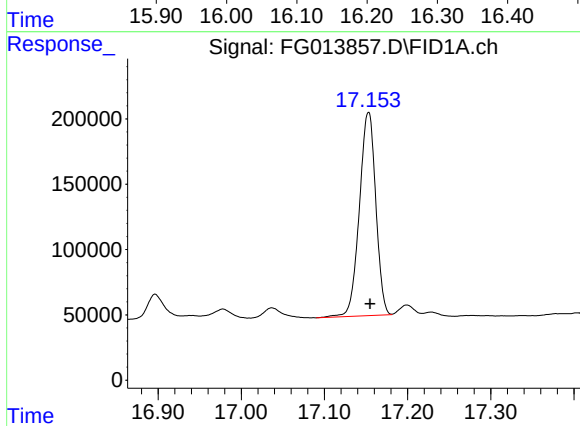
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: -0.004 min
Response: 2178990
Conc: 17.67 ug/ml



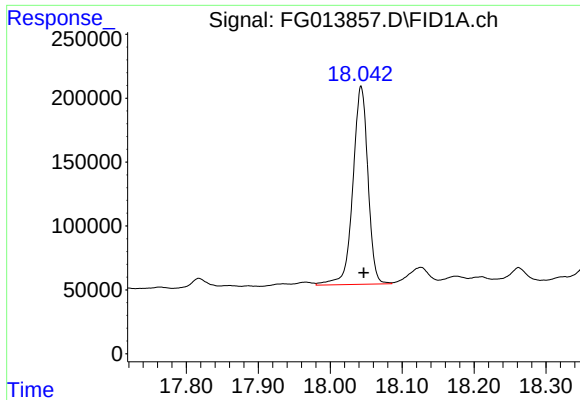
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.002 min
Response: 2169485
Conc: 17.86 ug/ml



#12 N-OCTACOSANE

R.T.: 17.153 min
Delta R.T.: -0.002 min
Response: 2130737
Conc: 17.98 ug/ml



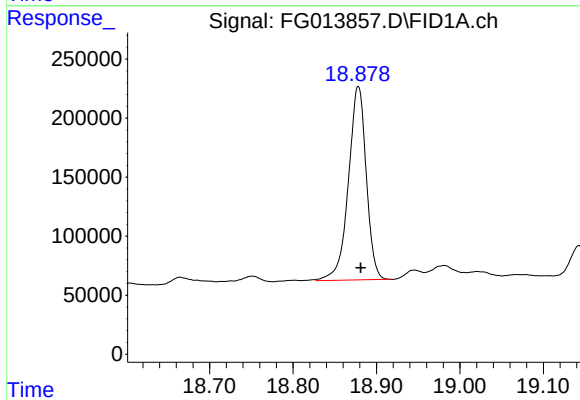
#13 N-TRIACONTANE

R.T.: 18.043 min
Delta R.T.: -0.004 min
Response: 2251639
Conc: 19.17 ug/ml

Instrument :
FID_G
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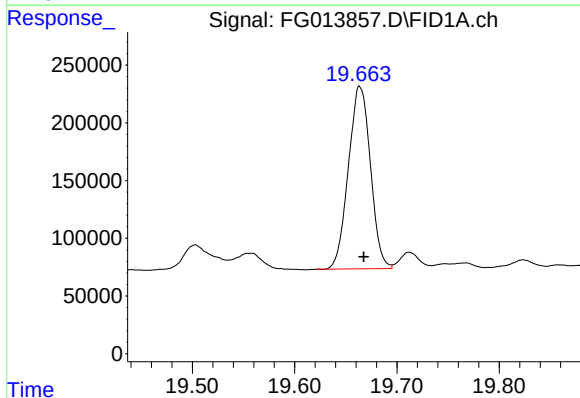
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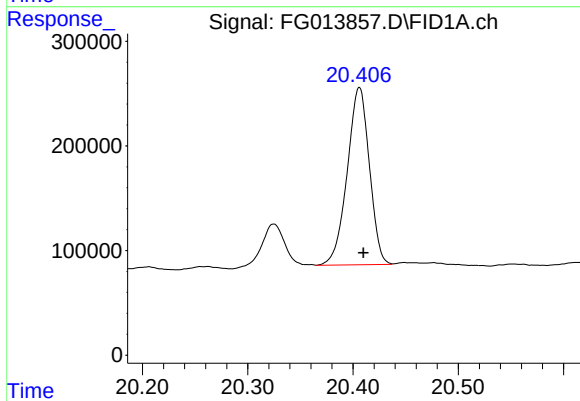
#14 N-DOTRIACONTANE

R.T.: 18.878 min
Delta R.T.: -0.004 min
Response: 2431085
Conc: 21.63 ug/ml m



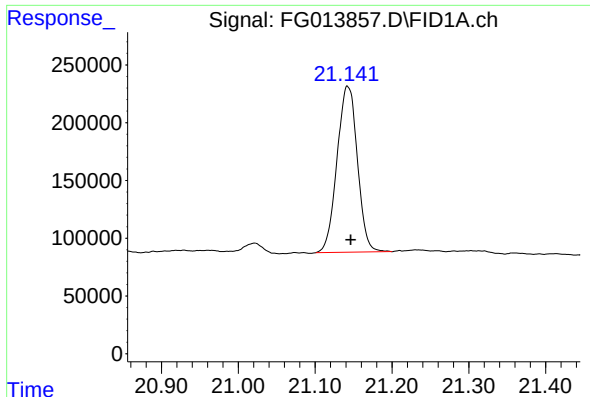
#15 N-TETRATRIACONTANE

R.T.: 19.664 min
Delta R.T.: -0.004 min
Response: 2369744
Conc: 23.04 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.406 min
Delta R.T.: -0.004 min
Response: 2483630
Conc: 27.90 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.142 min
Delta R.T.: -0.004 min
Response: 2637312
Conc: 33.50 ug/ml

Instrument :

FID_G

ClientSampleId :

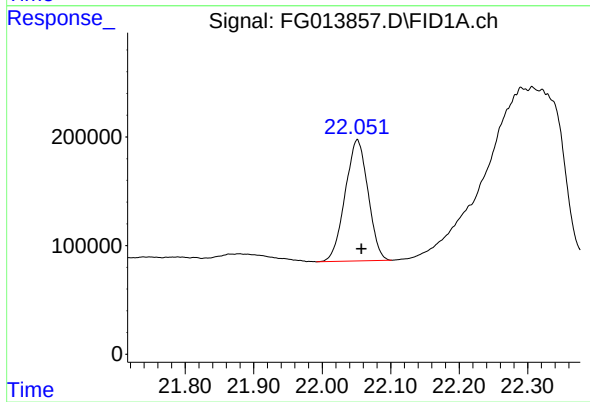
WASTEMSD

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#18 N-TETRACONTANE

R.T.: 22.051 min
Delta R.T.: -0.006 min
Response: 2585826
Conc: 39.60 ug/ml