

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070722\
 Data File : FG010117.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 19:48
 Operator : AJ\MA
 Sample : N3587-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 08 02:34:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062922.M
 Quant Title :
 QLast Update : Thu Jun 30 04:15:08 2022
 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...	14.809	1340495	11.274 ug/ml
Target Compounds			
1) N-OCTANE	1.831	1457834	11.726 ug/ml
2) N-DECANE	4.337	1563114	12.296 ug/ml
3) N-DODECANE	6.515	1551562	12.004 ug/ml
4) N-TETRADECANE	8.345	1586858	12.035 ug/ml
5) N-HEXADECANE	9.952	1606579	12.045 ug/ml
6) N-OCTADECANE	11.396	1826698	13.509 ug/ml
7) N-EICOSANE	12.707	1898376	14.172 ug/ml
8) N-DOCOSANE	13.908	1772634	13.248 ug/ml
10) N-TETRACOSANE	15.013	1761758	13.292 ug/ml
11) N-HEXACOSANE	16.036	1739705	13.268 ug/ml
12) N-OCTACOSANE	16.987	1745092	13.587 ug/ml
13) N-TRIACONTANE	17.875	1679855	13.351 ug/mlm
14) N-DOTRIACONTANE	18.709	1424010	12.038 ug/mlm
15) N-TETRATRIACONTANE	19.493	1367906	12.873 ug/ml
16) N-HEXATRIACONTANE	20.233	880372	9.888 ug/mlm
17) N-OCTATRIACONTANE	20.948	869700	11.168 ug/mlm
18) N-TETRACONTANE	21.795	1300447	16.596 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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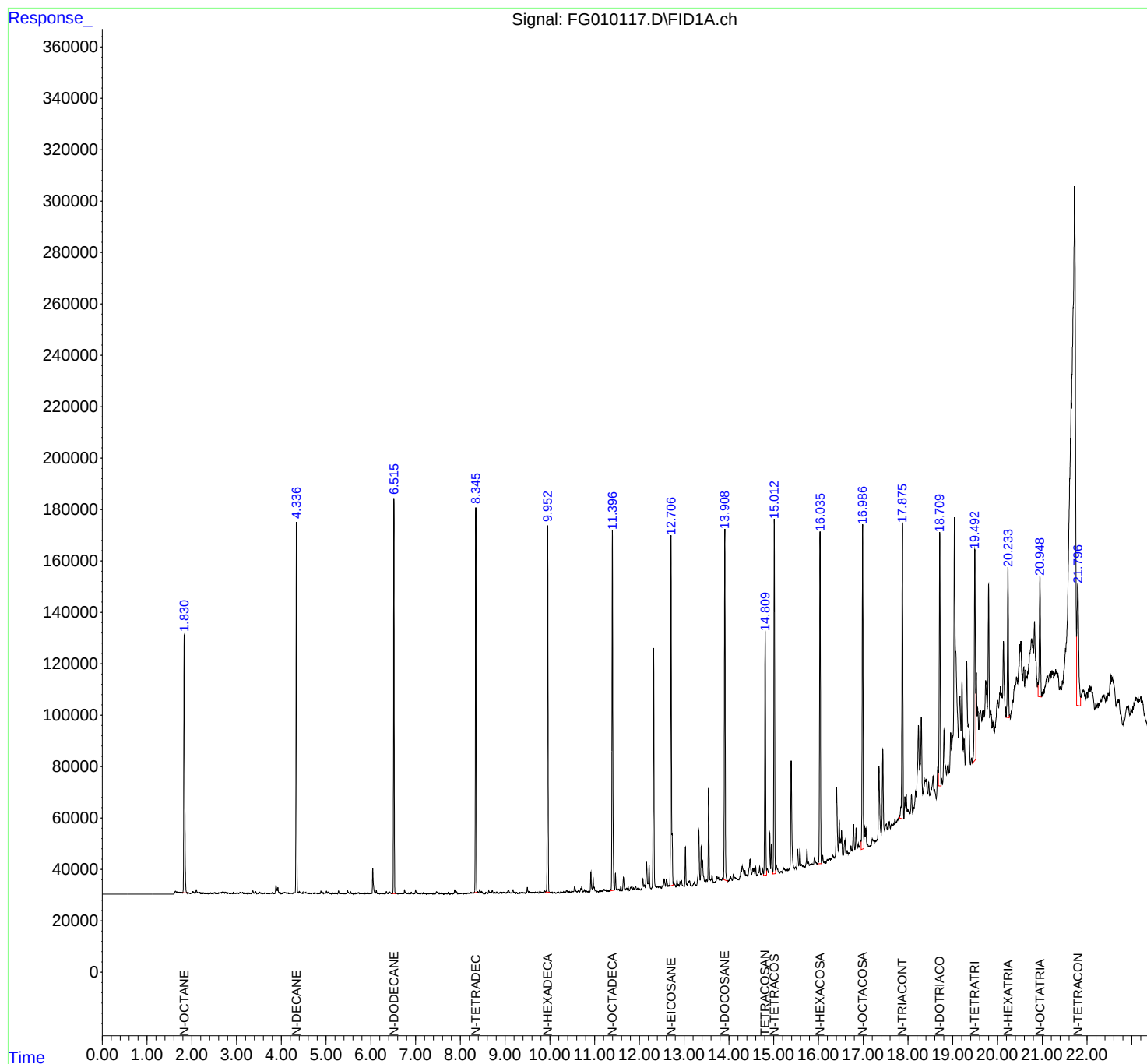
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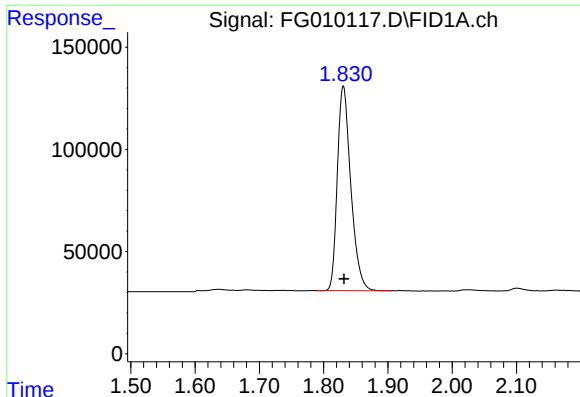
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#1 N-OCTANE

R.T.: 1.831 min
Delta R.T.: -0.001 min
Response: 1457834
Conc: 11.73 ug/ml

Instrument :

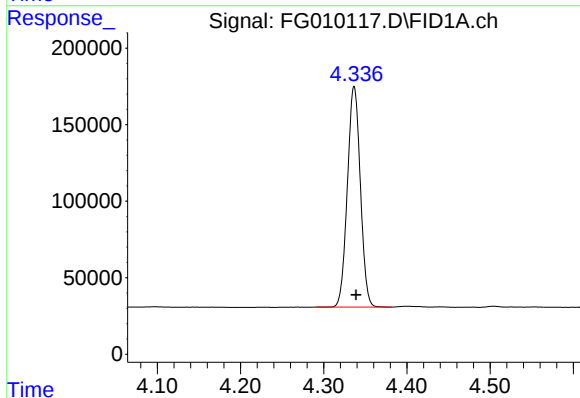
FID_G

ClientSampleId :

WASTEMSD

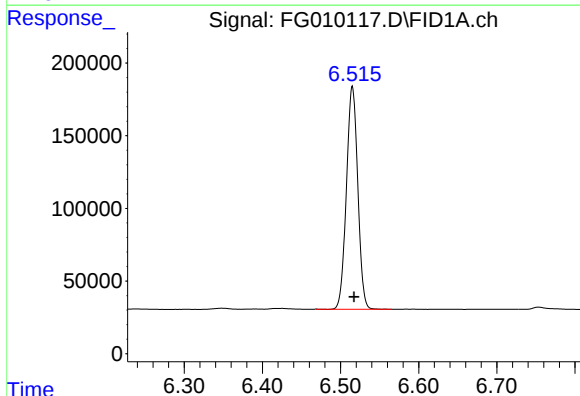
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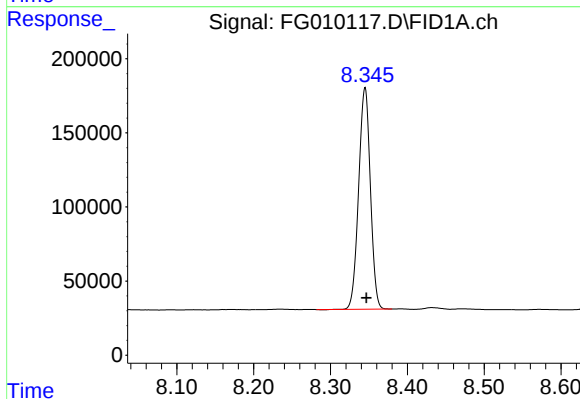
#2 N-DECANE

R.T.: 4.337 min
Delta R.T.: -0.002 min
Response: 1563114
Conc: 12.30 ug/ml



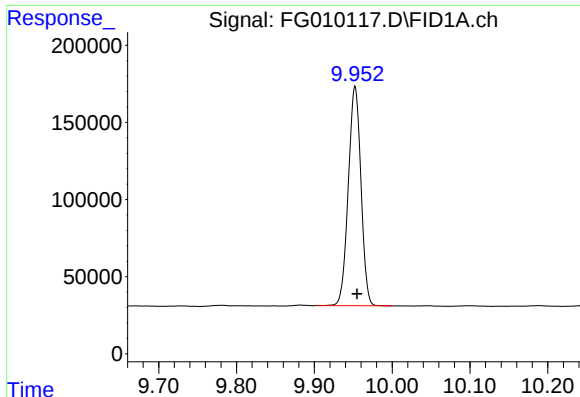
#3 N-DODECANE

R.T.: 6.515 min
Delta R.T.: -0.002 min
Response: 1551562
Conc: 12.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 1586858
Conc: 12.03 ug/ml



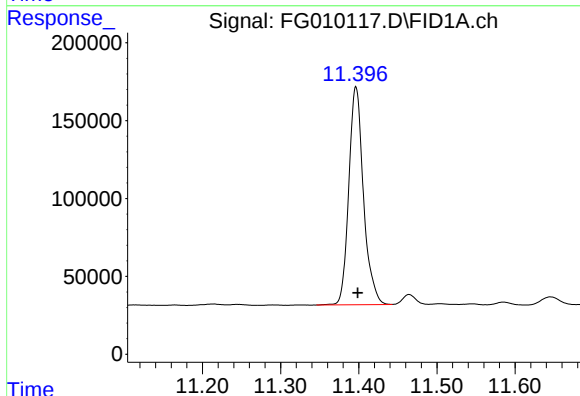
#5 N-HEXADECANE

R.T.: 9.952 min
Delta R.T.: -0.002 min
Response: 1606579
Conc: 12.05 ug/ml

Instrument :
FID_G
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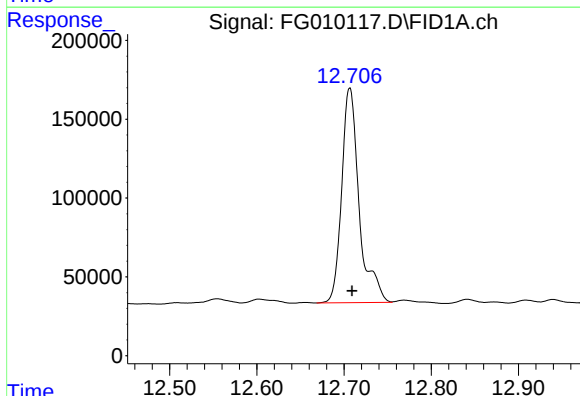
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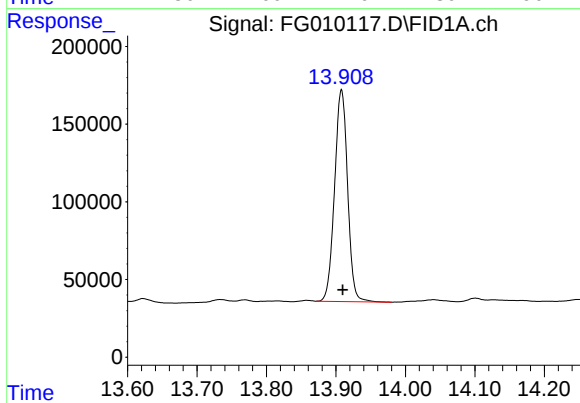
#6 N-OCTADECANE

R.T.: 11.396 min
Delta R.T.: -0.002 min
Response: 1826698
Conc: 13.51 ug/ml



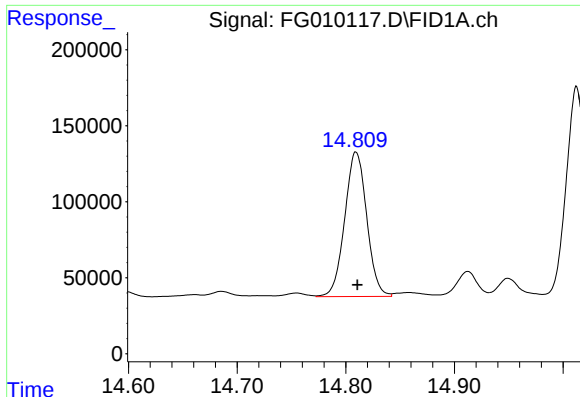
#7 N-EICOSANE

R.T.: 12.707 min
Delta R.T.: -0.003 min
Response: 1898376
Conc: 14.17 ug/ml



#8 N-DOCOSANE

R.T.: 13.908 min
Delta R.T.: -0.002 min
Response: 1772634
Conc: 13.25 ug/ml



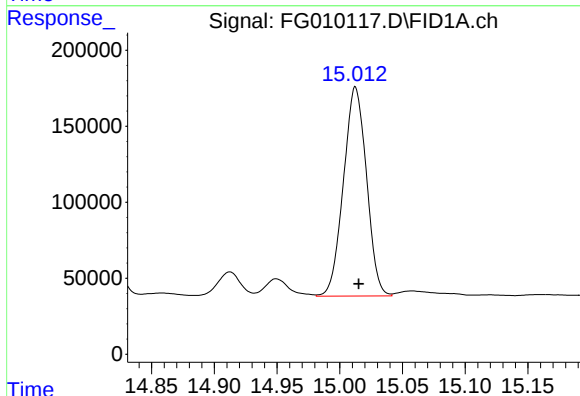
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.809 min
Delta R.T.: -0.001 min
Response: 1340495
Conc: 11.27 ug/ml

Instrument :
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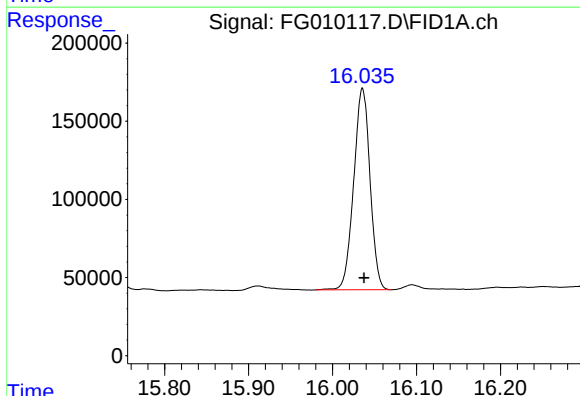
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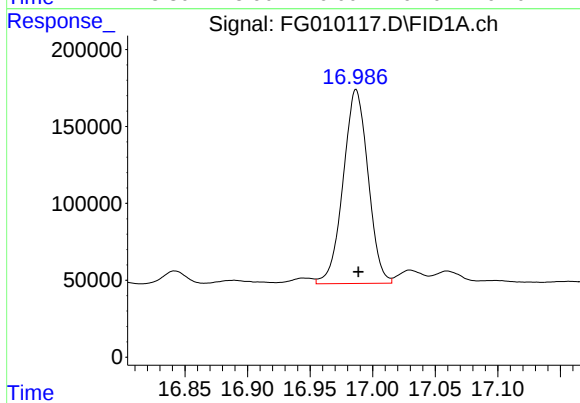
#10 N-TETRACOSANE

R.T.: 15.013 min
Delta R.T.: -0.003 min
Response: 1761758
Conc: 13.29 ug/ml



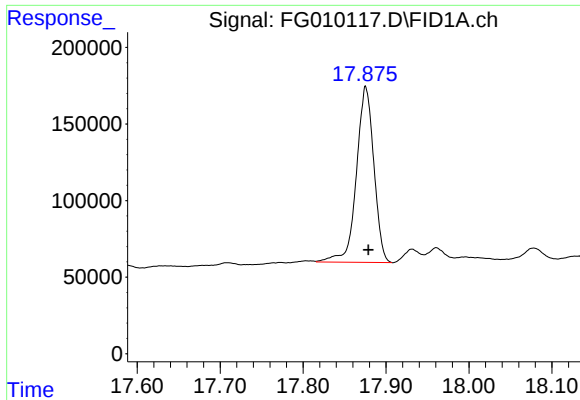
#11 N-HEXACOSANE

R.T.: 16.036 min
Delta R.T.: -0.002 min
Response: 1739705
Conc: 13.27 ug/ml



#12 N-OCTACOSANE

R.T.: 16.987 min
Delta R.T.: -0.002 min
Response: 1745092
Conc: 13.59 ug/ml



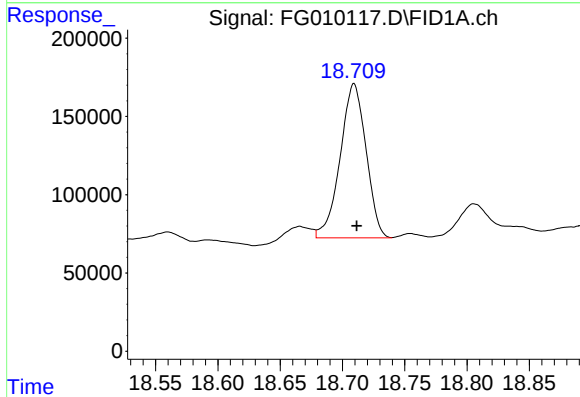
#13 N-TRIACONTANE

R.T.: 17.875 min
Delta R.T.: -0.004 min
Response: 1679855
Conc: 13.35 ug/ml

Instrument :
FID_G
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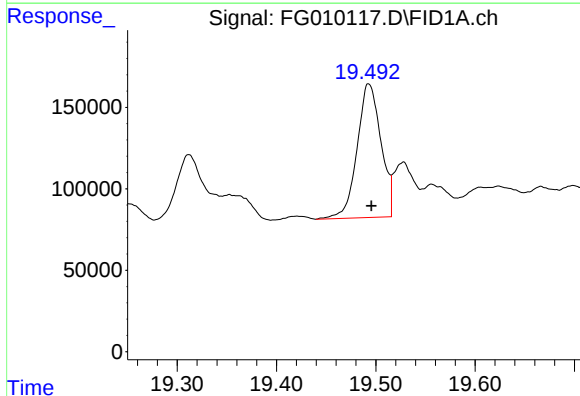
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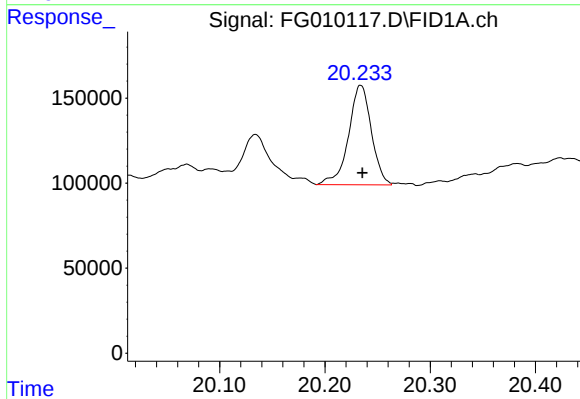
#14 N-DOTRIACONTANE

R.T.: 18.709 min
Delta R.T.: -0.003 min
Response: 1424010
Conc: 12.04 ug/ml m



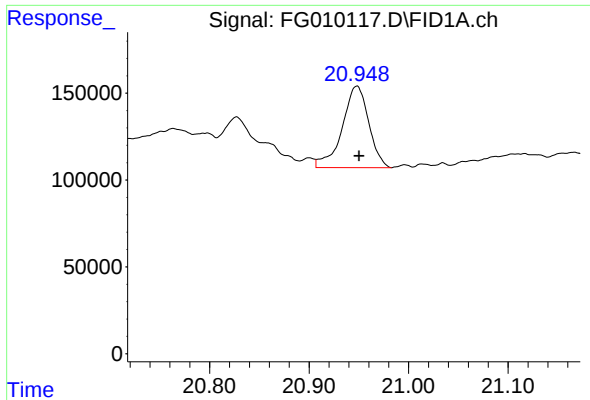
#15 N-TETRATRIACONTANE

R.T.: 19.493 min
Delta R.T.: -0.003 min
Response: 1367906
Conc: 12.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.233 min
Delta R.T.: -0.002 min
Response: 880372
Conc: 9.89 ug/ml m



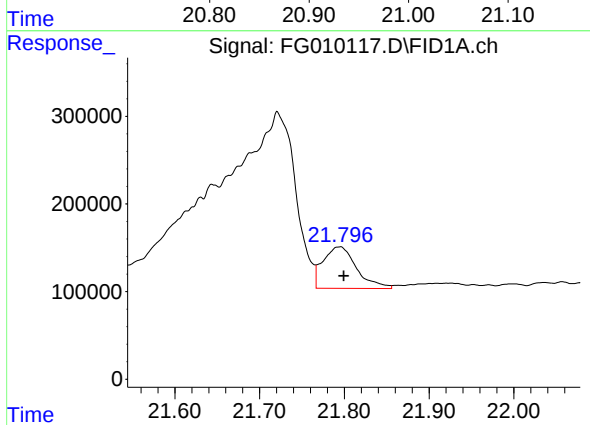
#17 N-OCTATRIACONTANE

R.T.: 20.948 min
Delta R.T.: -0.002 min
Response: 869700
Conc: 11.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.795 min
Delta R.T.: -0.004 min
Response: 1300447
Conc: 16.60 ug/ml