

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070722\
 Data File : FG010116.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 19:18
 Operator : AJ\MA
 Sample : N3587-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

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 02:34:46 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...	14.810	1288241	10.834 ug/ml
Target Compounds			
1) N-OCTANE	1.829	1488642	11.973 ug/ml
2) N-DECANE	4.336	1577585	12.410 ug/ml
3) N-DODECANE	6.515	1554210	12.024 ug/ml
4) N-TETRADECANE	8.344	1590368	12.061 ug/ml
5) N-HEXADECANE	9.953	1588953	11.913 ug/ml
6) N-OCTADECANE	11.398	1791769	13.251 ug/ml
7) N-EICOSANE	12.708	1852597	13.830 ug/ml
8) N-DOCOSANE	13.907	1722701	12.875 ug/ml
10) N-TETRACOSANE	15.013	1697997	12.811 ug/ml
11) N-HEXACOSANE	16.036	1694301	12.922 ug/ml
12) N-OCTACOSANE	16.987	1631058	12.699 ug/mlm
13) N-TRIACONTANE	17.875	1674247	13.306 ug/mlm
14) N-DOTRIACONTANE	18.710	1459543	12.338 ug/mlm
15) N-TETRATRIACONTANE	19.494	1274860	11.997 ug/mlm
16) N-HEXATRIACONTANE	20.232	934612	10.497 ug/mlm
17) N-OCTATRIACONTANE	20.947	1153267	14.809 ug/mlm
18) N-TETRACONTANE	21.797	2350382	29.995 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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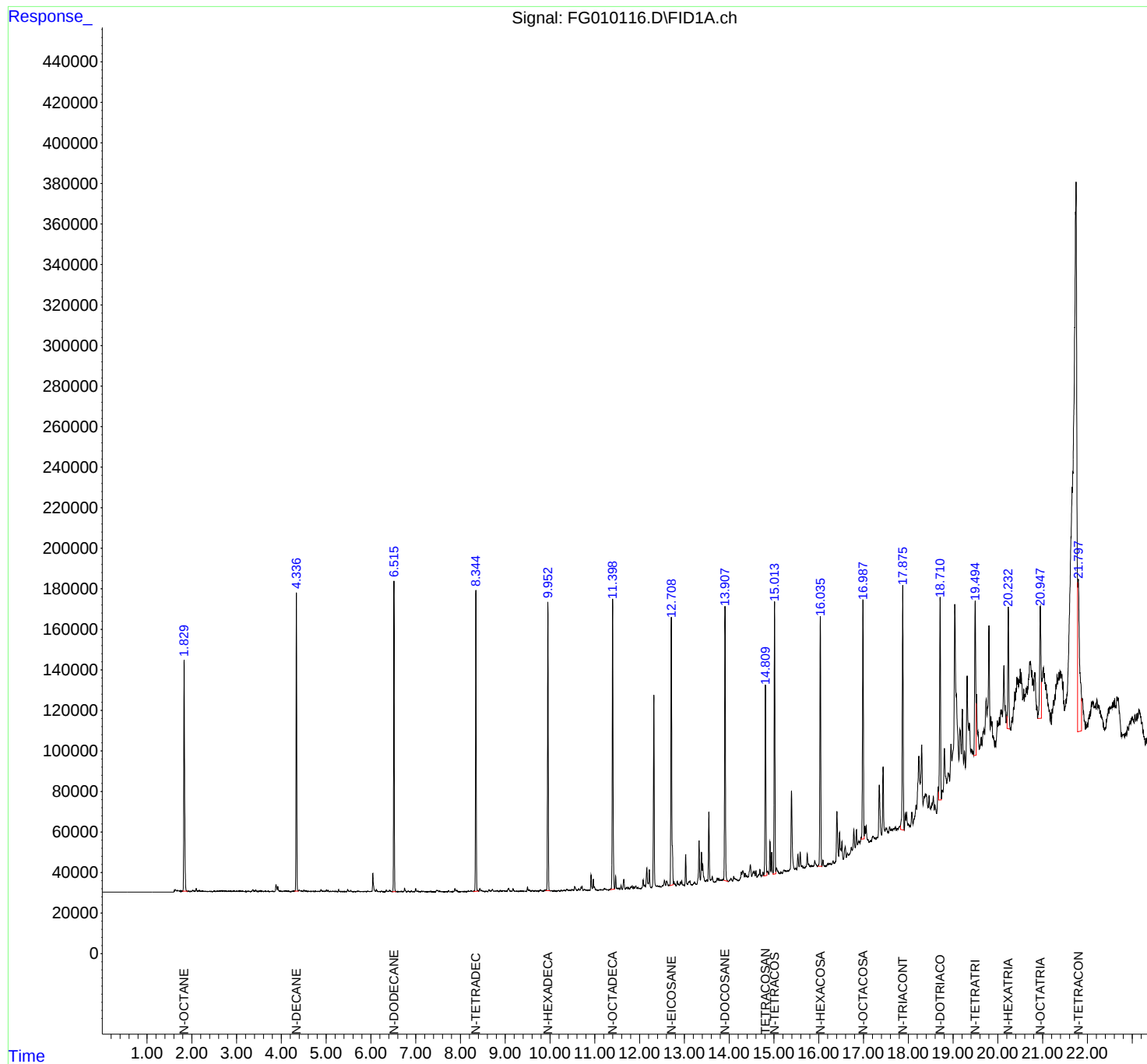
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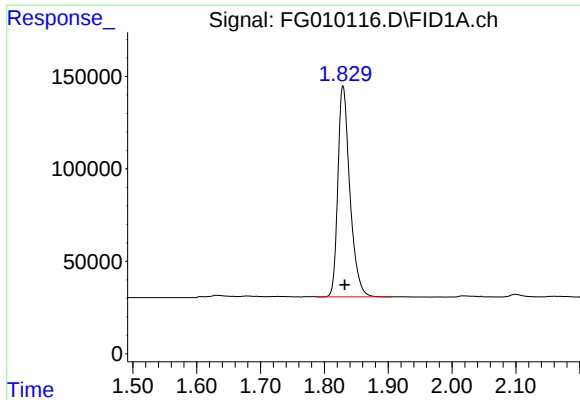
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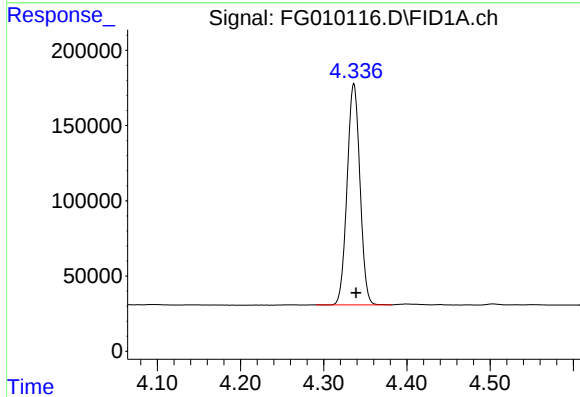
#1 N-OCTANE

R.T.: 1.829 min
Delta R.T.: -0.003 min
Response: 1488642
Conc: 11.97 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

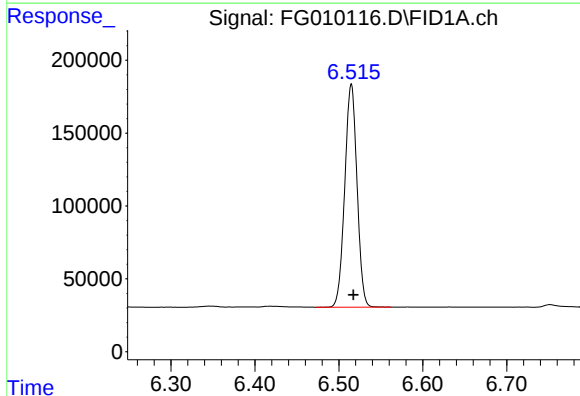
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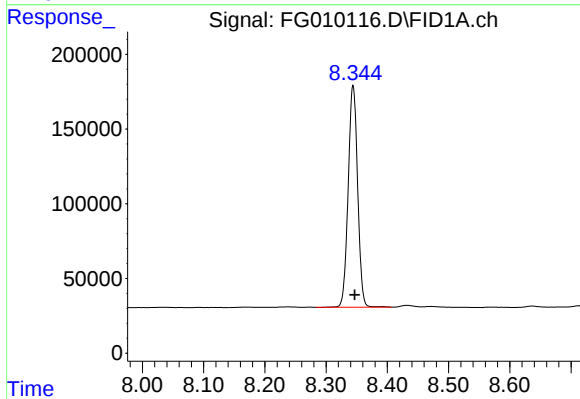
#2 N-DECANE

R.T.: 4.336 min
Delta R.T.: -0.003 min
Response: 1577585
Conc: 12.41 ug/ml



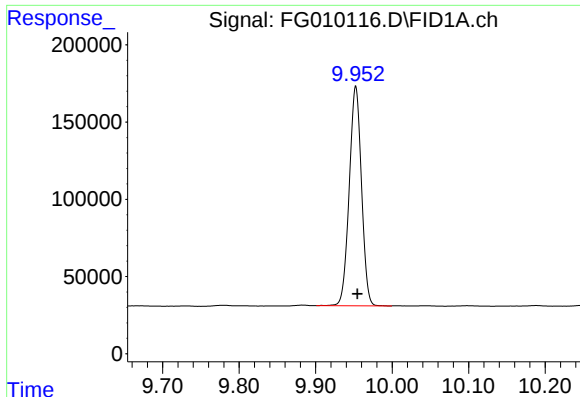
#3 N-DODECANE

R.T.: 6.515 min
Delta R.T.: -0.002 min
Response: 1554210
Conc: 12.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 1590368
Conc: 12.06 ug/ml



#5 N-HEXADECANE

R.T.: 9.953 min
Delta R.T.: -0.002 min
Response: 1588953
Conc: 11.91 ug/ml

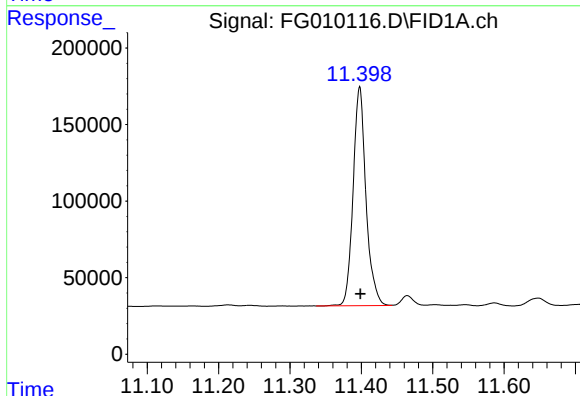
Instrument :

FID_G

ClientSampleId :
WASTEMS

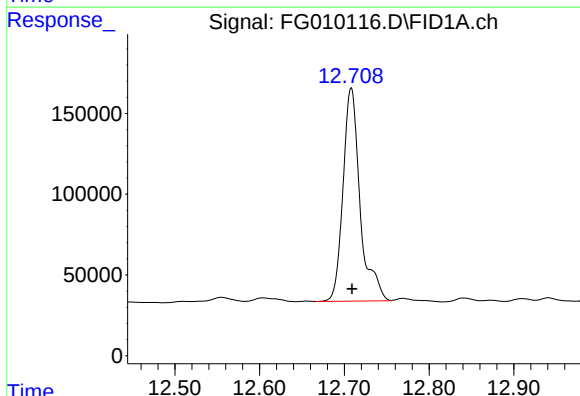
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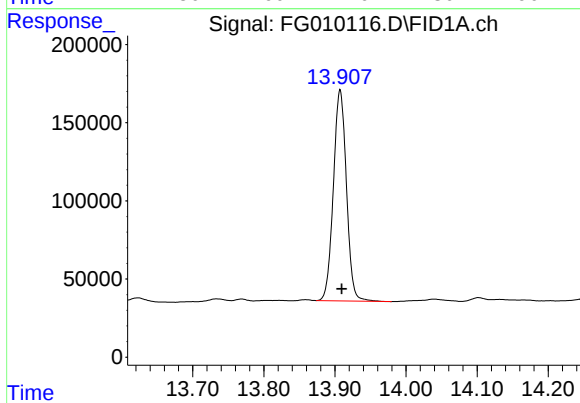
#6 N-OCTADECANE

R.T.: 11.398 min
Delta R.T.: -0.001 min
Response: 1791769
Conc: 13.25 ug/ml



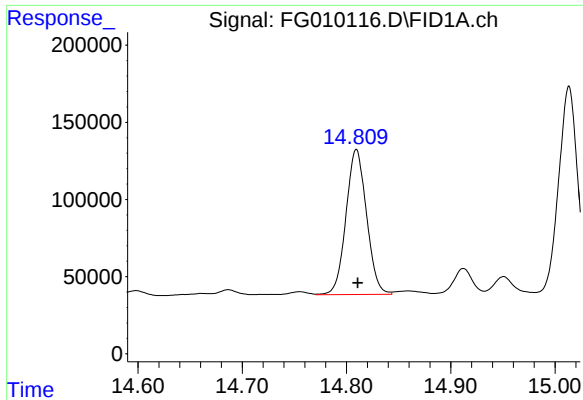
#7 N-EICOSANE

R.T.: 12.708 min
Delta R.T.: -0.001 min
Response: 1852597
Conc: 13.83 ug/ml



#8 N-DOCOSANE

R.T.: 13.907 min
Delta R.T.: -0.003 min
Response: 1722701
Conc: 12.88 ug/ml



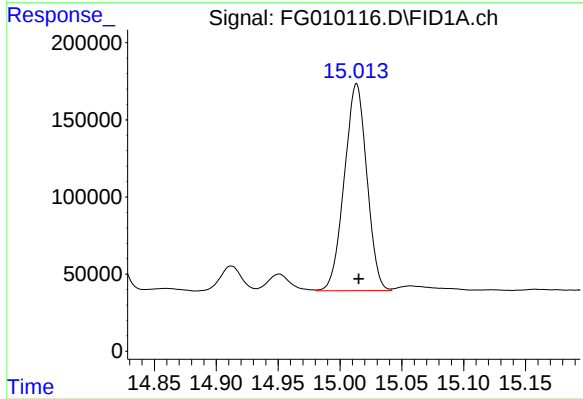
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.810 min
Delta R.T.: -0.001 min
Response: 1288241
Conc: 10.83 ug/ml

Instrument :
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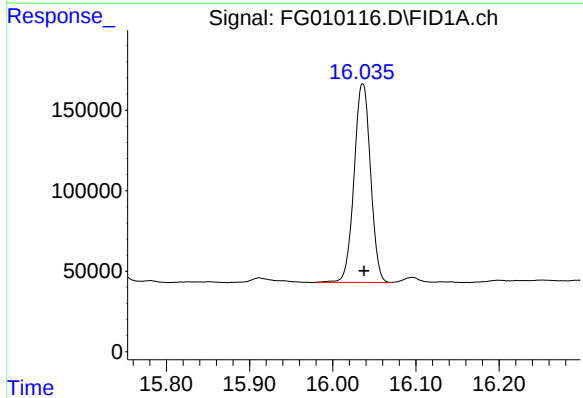
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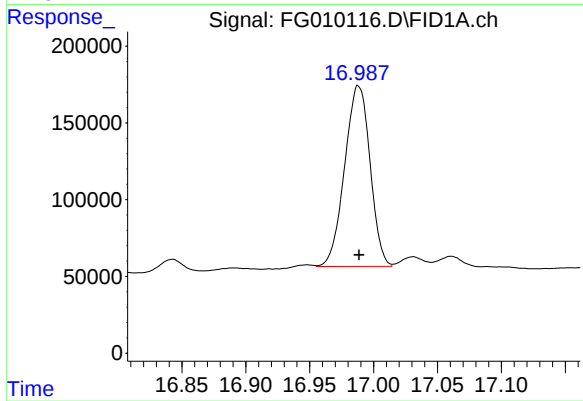
#10 N-TETRACOSANE

R.T.: 15.013 min
Delta R.T.: -0.002 min
Response: 1697997
Conc: 12.81 ug/ml



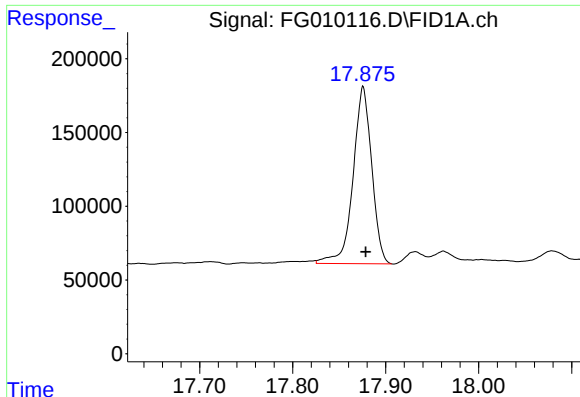
#11 N-HEXACOSANE

R.T.: 16.036 min
Delta R.T.: -0.001 min
Response: 1694301
Conc: 12.92 ug/ml



#12 N-OCTACOSANE

R.T.: 16.987 min
Delta R.T.: -0.002 min
Response: 1631058
Conc: 12.70 ug/ml m



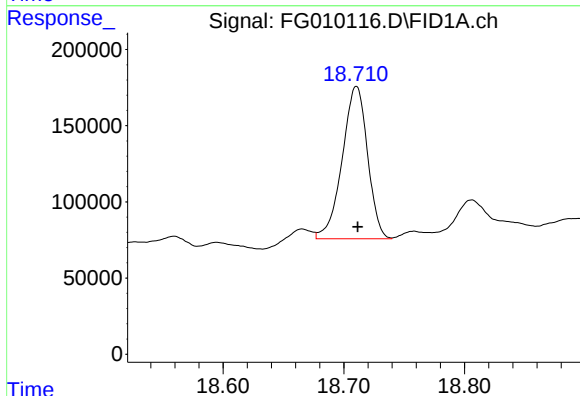
#13 N-TRIACONTANE

R.T.: 17.875 min
Delta R.T.: -0.003 min
Response: 1674247
Conc: 13.31 ug/ml

Instrument :
FID_G
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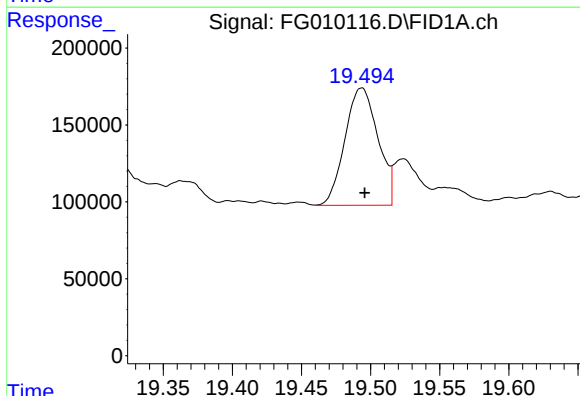
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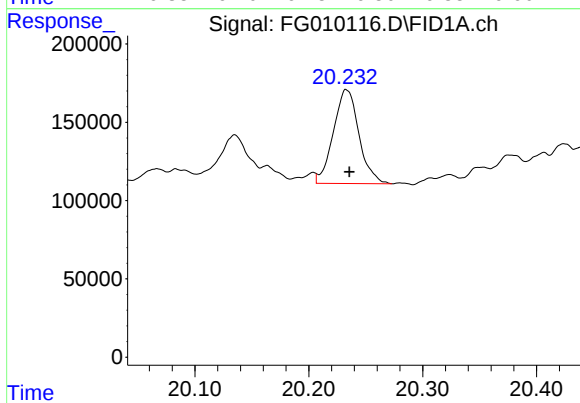
#14 N-DOTRIACONTANE

R.T.: 18.710 min
Delta R.T.: -0.001 min
Response: 1459543
Conc: 12.34 ug/ml m



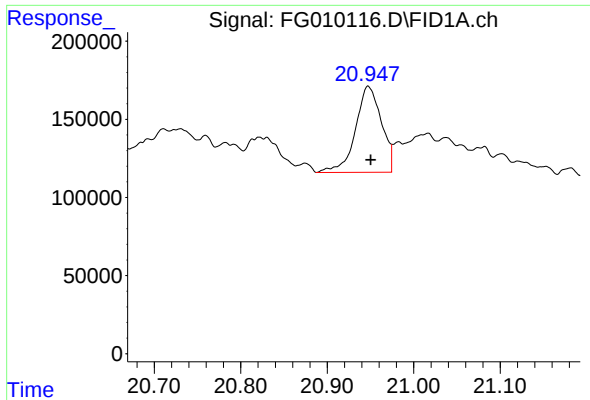
#15 N-TETRATRIACONTANE

R.T.: 19.494 min
Delta R.T.: -0.002 min
Response: 1274860
Conc: 12.00 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.232 min
Delta R.T.: -0.004 min
Response: 934612
Conc: 10.50 ug/ml m



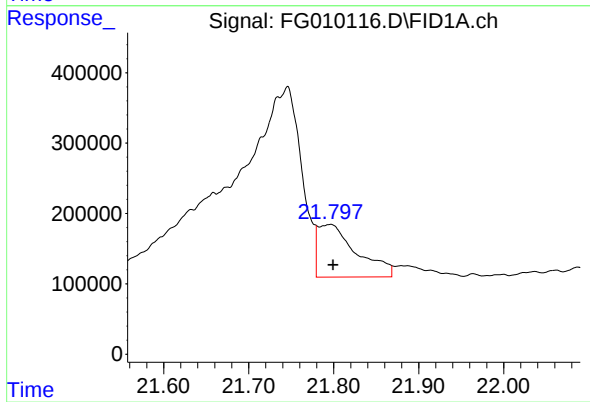
#17 N-OCTATRIACONTANE

R.T.: 20.947 min
Delta R.T.: -0.004 min
Response: 1153267
Conc: 14.81 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.797 min
Delta R.T.: -0.002 min
Response: 2350382
Conc: 29.99 ug/ml m