

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072624\
 Data File : FG013961.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jul 2024 10:16
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :Ankita Jodhani 07/29/2024

Integration File: autoint1.e
 Quant Time: Jul 27 02:52:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.954	5873043	48.552 ug/ml
Target Compounds			
1) N-OCTANE	1.967	5980583	49.703 ug/ml
2) N-DECANE	4.473	6142243	49.266 ug/ml
3) N-DODECANE	6.648	6380805	48.359 ug/ml
4) N-TETRADECANE	8.480	6298568	48.173 ug/ml
5) N-HEXADECANE	10.091	6462056	48.485 ug/ml
6) N-OCTADECANE	11.537	6602822	48.317 ug/ml
7) N-EICOSANE	12.850	6452423	48.278 ug/ml
8) N-DOCOSANE	14.051	6366728	48.366 ug/ml
10) N-TETRACOSANE	15.158	6317305	48.397 ug/ml
11) N-HEXACOSANE	16.181	6193102	48.217 ug/ml
12) N-OCTACOSANE	17.133	6089276	48.009 ug/ml
13) N-TRIACONTANE	18.022	6003190	47.723 ug/ml
14) N-DOTRIACONTANE	18.857	5667814	46.452 ug/ml
15) N-TETRATRIACONTANE	19.642	4720560	46.900 ug/ml
16) N-HEXATRIACONTANE	20.382	3641581	43.583 ug/mlm
17) N-OCTATRIACONTANE	21.116	3163581	42.415 ug/mlm
18) N-TETRACONTANE	22.017	2925065	42.208 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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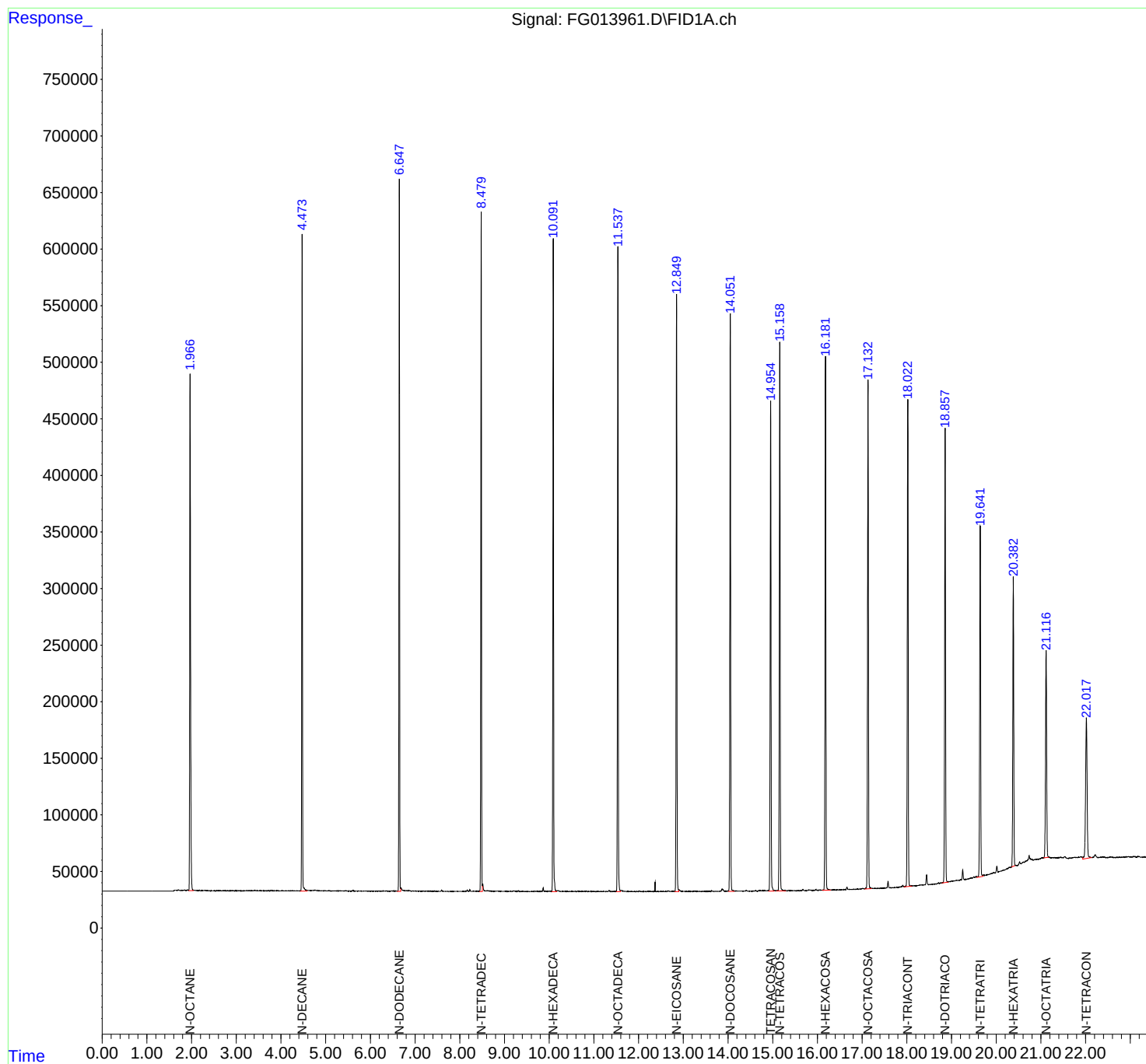
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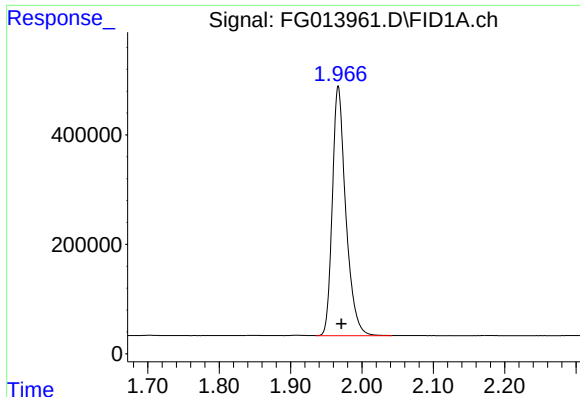
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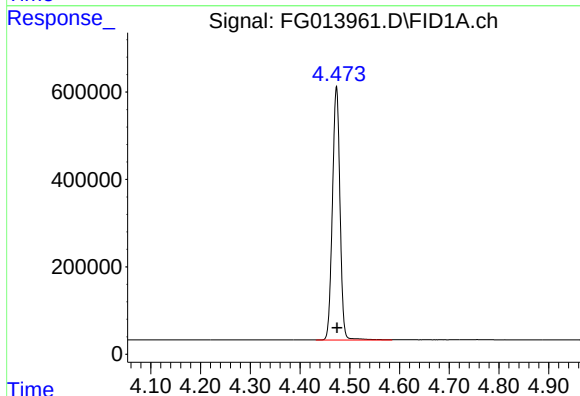
#1 N-OCTANE

R.T.: 1.967 min
Delta R.T.: -0.004 min
Response: 5980583
Conc: 49.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

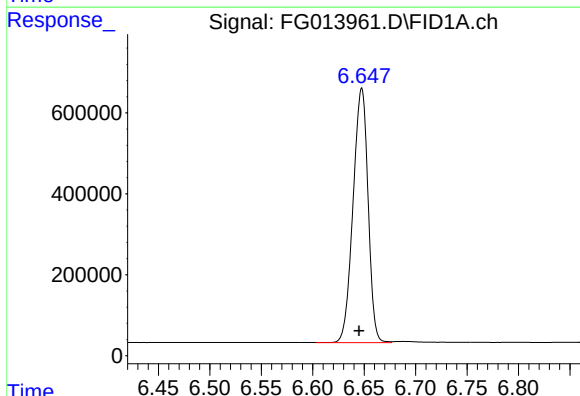
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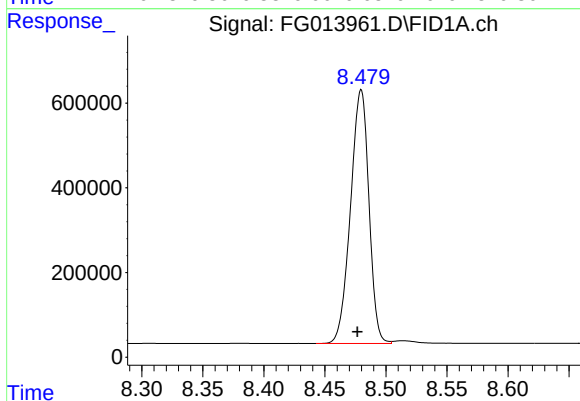
#2 N-DECANE

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 6142243
Conc: 49.27 ug/ml



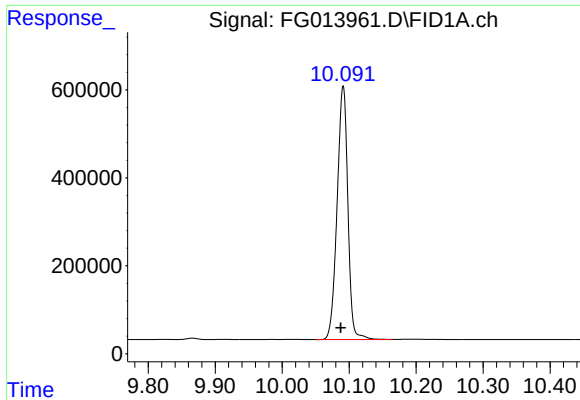
#3 N-DODECANE

R.T.: 6.648 min
Delta R.T.: 0.002 min
Response: 6380805
Conc: 48.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.480 min
Delta R.T.: 0.003 min
Response: 6298568
Conc: 48.17 ug/ml



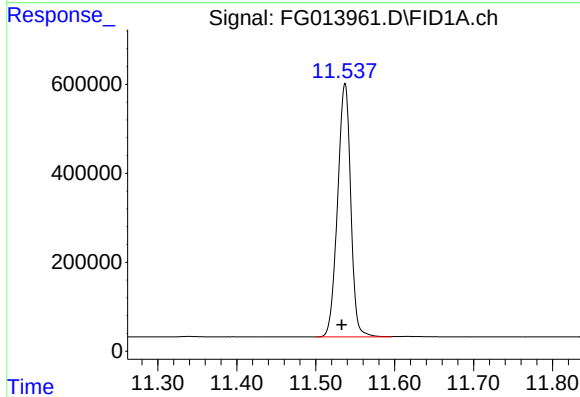
#5 N-HEXADECANE

R.T.: 10.091 min
Delta R.T.: 0.004 min
Response: 6462056
Conc: 48.48 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

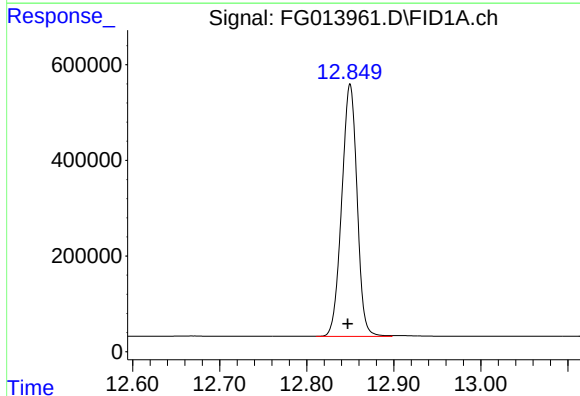
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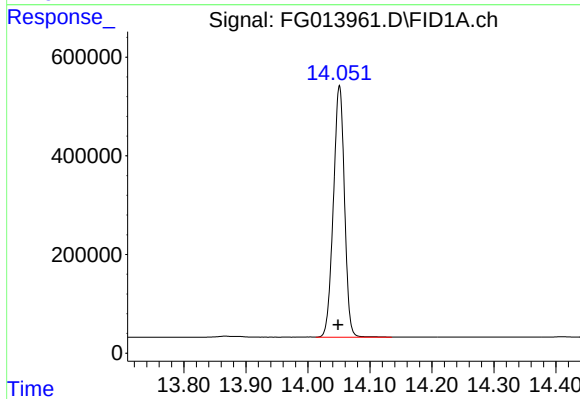
#6 N-OCTADECANE

R.T.: 11.537 min
Delta R.T.: 0.004 min
Response: 6602822
Conc: 48.32 ug/ml



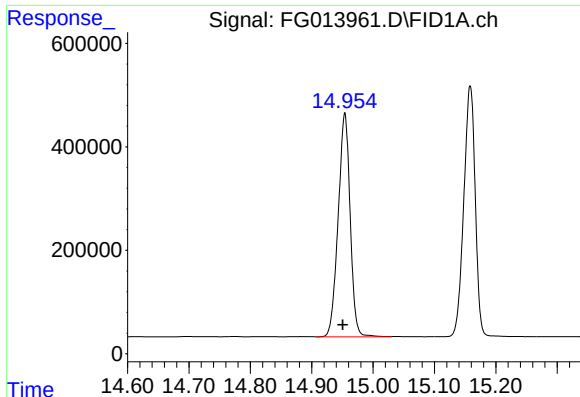
#7 N-EICOSANE

R.T.: 12.850 min
Delta R.T.: 0.003 min
Response: 6452423
Conc: 48.28 ug/ml



#8 N-DOCOSANE

R.T.: 14.051 min
Delta R.T.: 0.002 min
Response: 6366728
Conc: 48.37 ug/ml



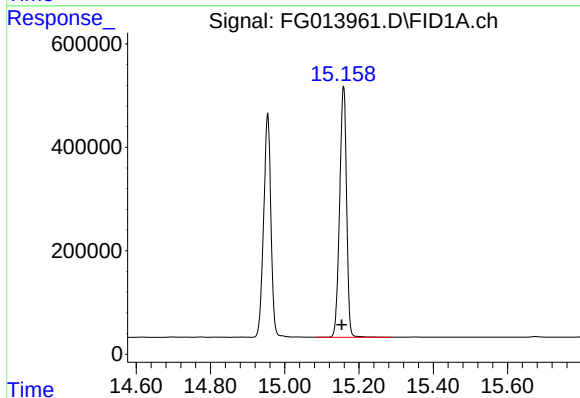
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.954 min
Delta R.T.: 0.004 min
Response: 5873043
Conc: 48.55 ug/ml

Instrument :
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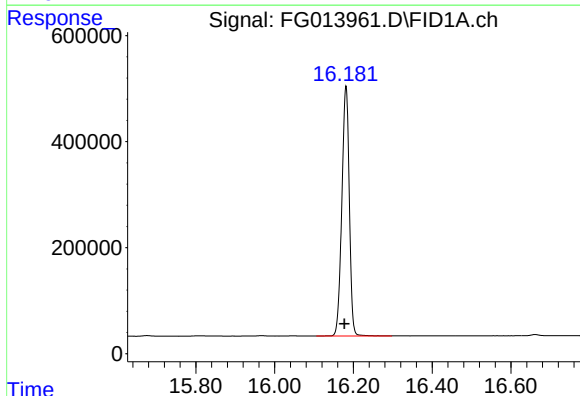
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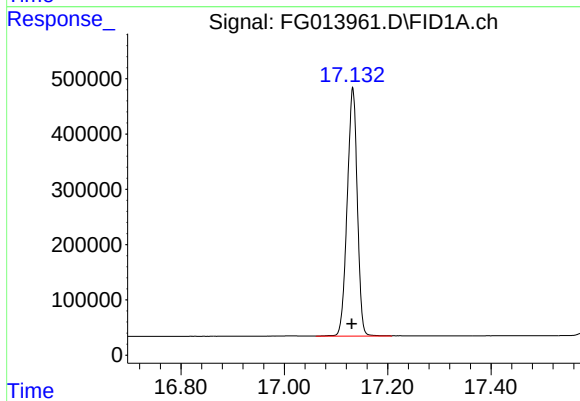
#10 N-TETRACOSANE

R.T.: 15.158 min
Delta R.T.: 0.005 min
Response: 6317305
Conc: 48.40 ug/ml



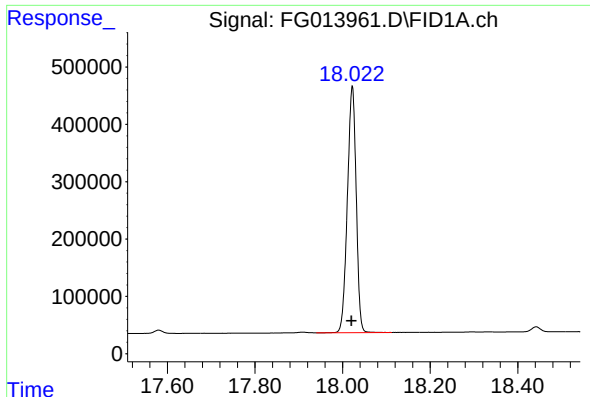
#11 N-HEXACOSANE

R.T.: 16.181 min
Delta R.T.: 0.004 min
Response: 6193102
Conc: 48.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.133 min
Delta R.T.: 0.002 min
Response: 6089276
Conc: 48.01 ug/ml



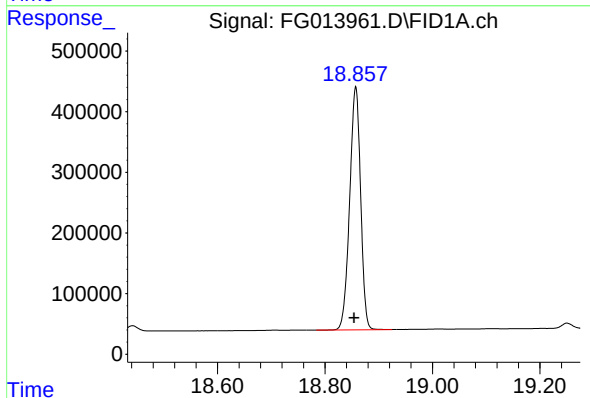
#13 N-TRIACONTANE

R.T.: 18.022 min
Delta R.T.: 0.002 min
Response: 6003190
Conc: 47.72 ug/ml

Instrument :
FID_G
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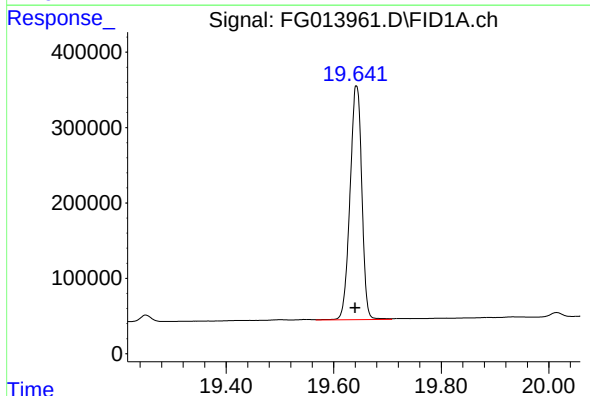
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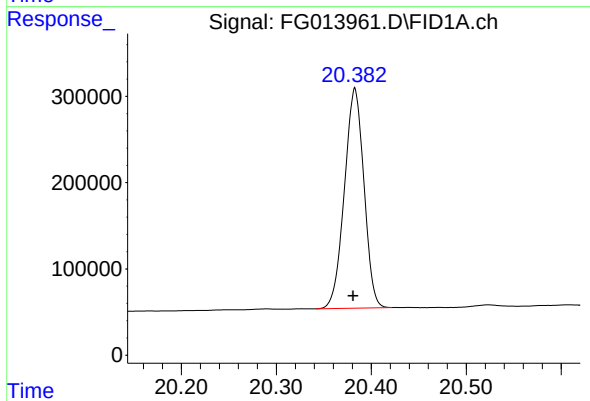
#14 N-DOTRIACONTANE

R.T.: 18.857 min
Delta R.T.: 0.003 min
Response: 5667814
Conc: 46.45 ug/ml



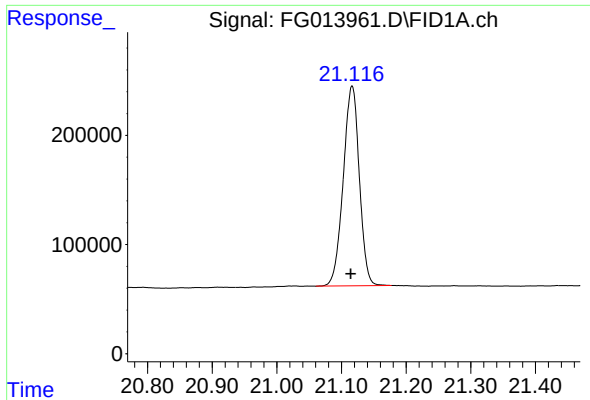
#15 N-TETRATRIACONTANE

R.T.: 19.642 min
Delta R.T.: 0.003 min
Response: 4720560
Conc: 46.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.382 min
Delta R.T.: 0.002 min
Response: 3641581
Conc: 43.58 ug/ml m



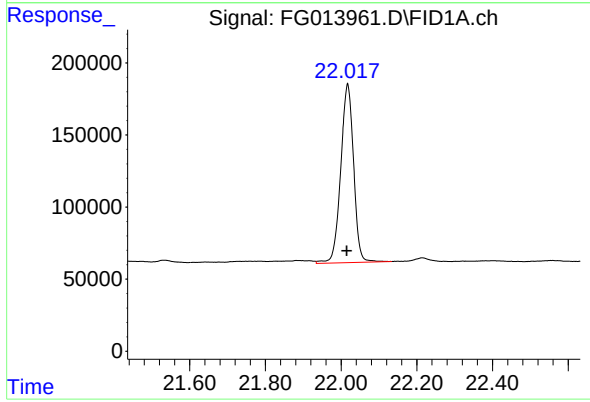
#17 N-OCTATRIACONTANE

R.T.: 21.116 min
Delta R.T.: 0.002 min
Response: 3163581
Conc: 42.42 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.017 min
Delta R.T.: 0.002 min
Response: 2925065
Conc: 42.21 ug/ml