

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120222\
 Data File : FF011759.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 21:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: Sample.e
 Quant Time: Dec 04 10:55:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF110422.M
 Quant Title :
 QLast Update : Fri Nov 04 14:11:34 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...	15.059	5116102	43.121 ug/ml
Target Compounds			
1) N-OCTANE	2.089	5583997	43.684 ug/ml
2) N-DECANE	4.615	6094884	46.178 ug/ml
3) N-DODECANE	6.778	6208226	46.191 ug/ml
4) N-TETRADECANE	8.604	6223379	45.987 ug/ml
5) N-HEXADECANE	10.210	6286001	45.724 ug/ml
6) N-OCTADECANE	11.653	6247098	45.162 ug/ml
7) N-EICOSANE	12.962	6139254	44.391 ug/ml
8) N-DOCOSANE	14.161	5900261	43.713 ug/ml
10) N-TETRACOSANE	15.264	5772195	42.564 ug/ml
11) N-HEXACOSANE	16.285	5577549	41.747 ug/ml
12) N-OCTACOSANE	17.234	5464623	41.249 ug/ml
13) N-TRIACONTANE	18.121	5470328	41.478 ug/ml
14) N-DOTRIACONTANE	18.954	5613576	41.705 ug/ml
15) N-TETRATRIACONTANE	19.738	5882403	44.666 ug/mlm
16) N-HEXATRIACONTANE	20.479	5945316	48.269 ug/mlm
17) N-OCTATRIACONTANE	21.221	6215861	53.385 ug/mlm
18) N-TETRACONTANE	22.151	6760403	62.165 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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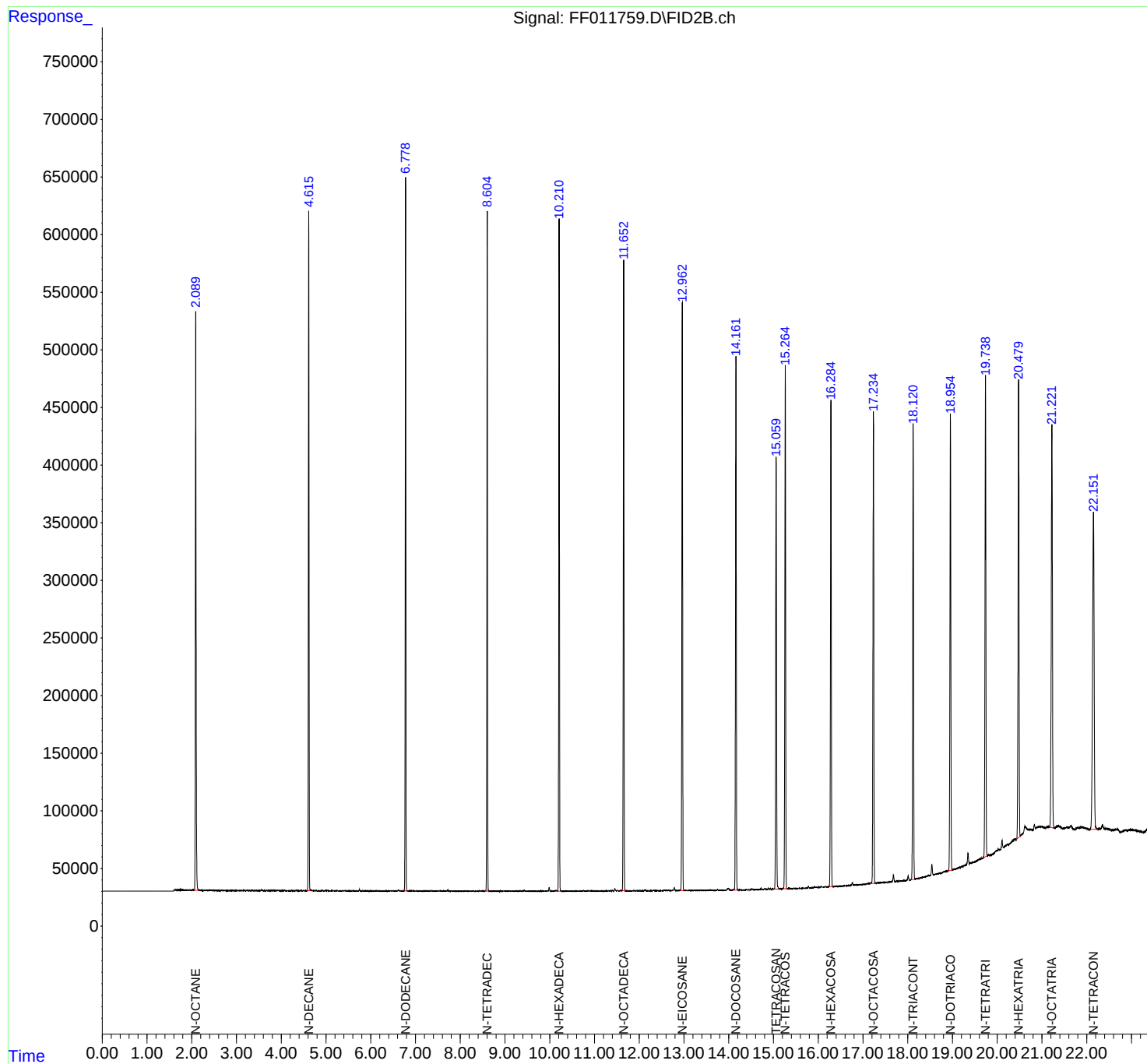
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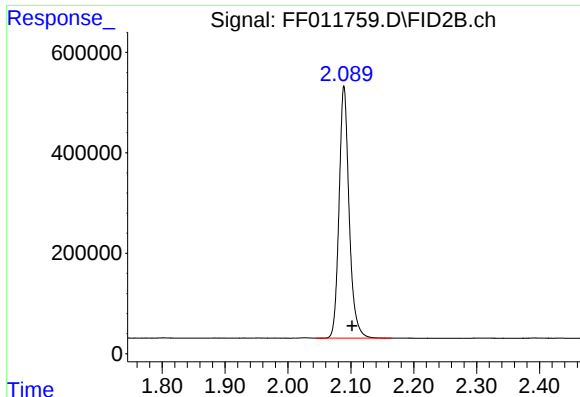
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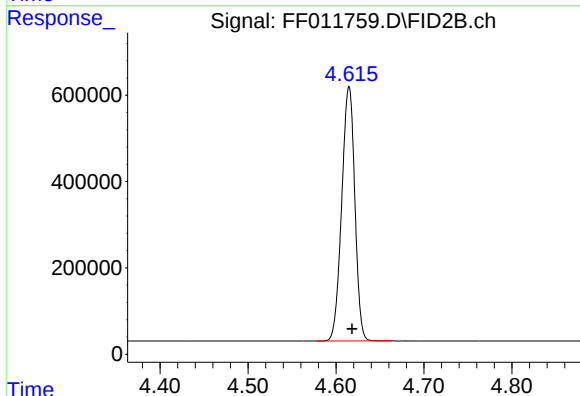
#1 N-OCTANE

R.T.: 2.089 min
Delta R.T.: -0.013 min
Response: 5583997
Conc: 43.68 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

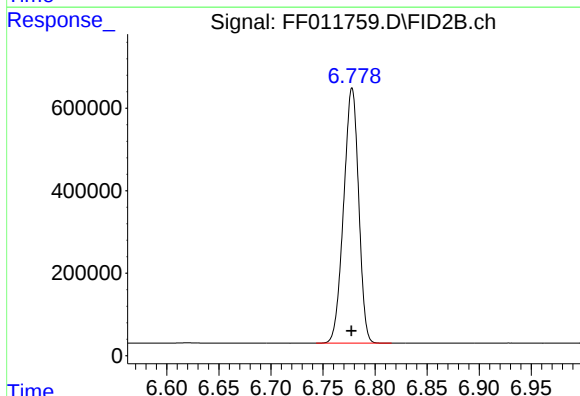
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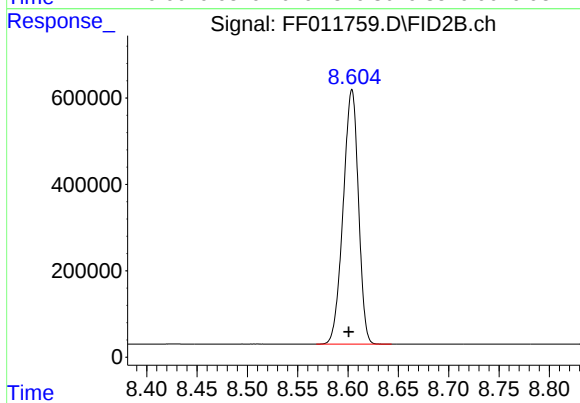
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: -0.003 min
Response: 6094884
Conc: 46.18 ug/ml



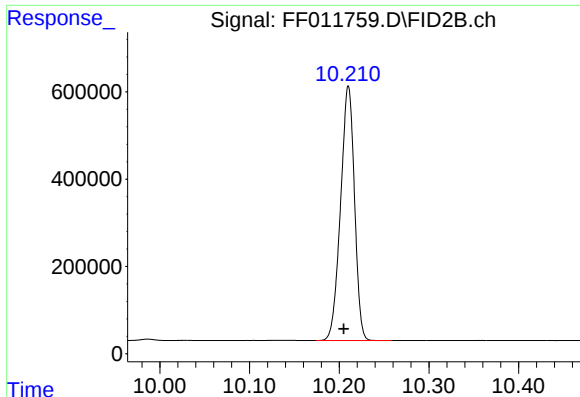
#3 N-DODECANE

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 6208226
Conc: 46.19 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: 0.003 min
Response: 6223379
Conc: 45.99 ug/ml



#5 N-HEXADECANE

R.T.: 10.210 min
Delta R.T.: 0.005 min
Response: 6286001
Conc: 45.72 ug/ml

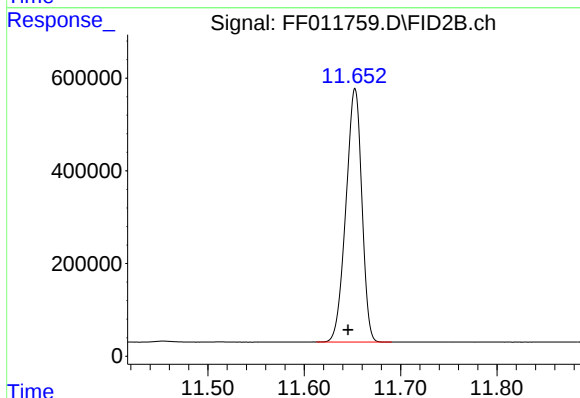
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

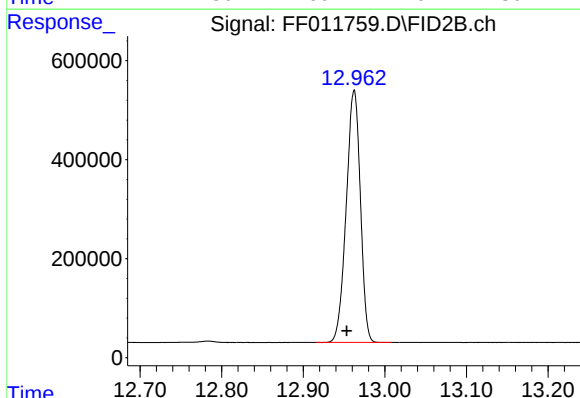
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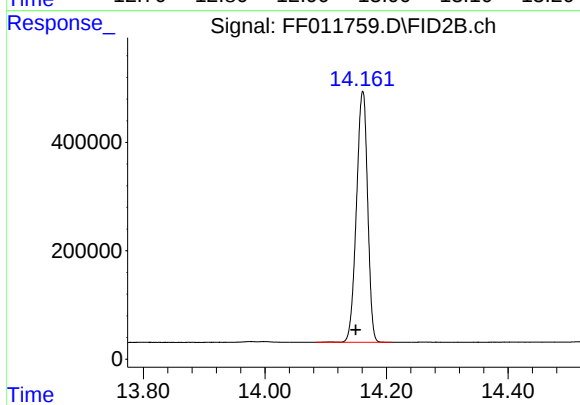
#6 N-OCTADECANE

R.T.: 11.653 min
Delta R.T.: 0.007 min
Response: 6247098
Conc: 45.16 ug/ml



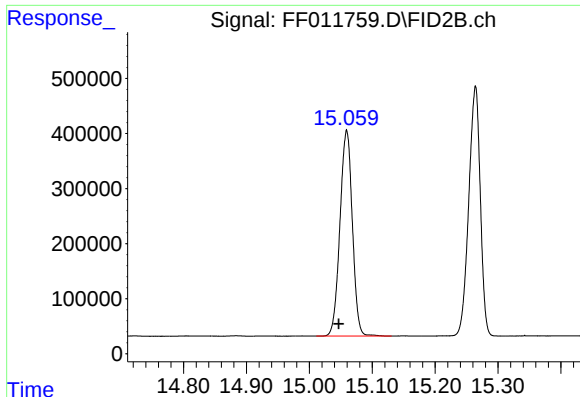
#7 N-EICOSANE

R.T.: 12.962 min
Delta R.T.: 0.009 min
Response: 6139254
Conc: 44.39 ug/ml



#8 N-DOCOSANE

R.T.: 14.161 min
Delta R.T.: 0.012 min
Response: 5900261
Conc: 43.71 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.059 min
Delta R.T.: 0.012 min
Response: 5116102
Conc: 43.12 ug/ml

Instrument :

FID_F

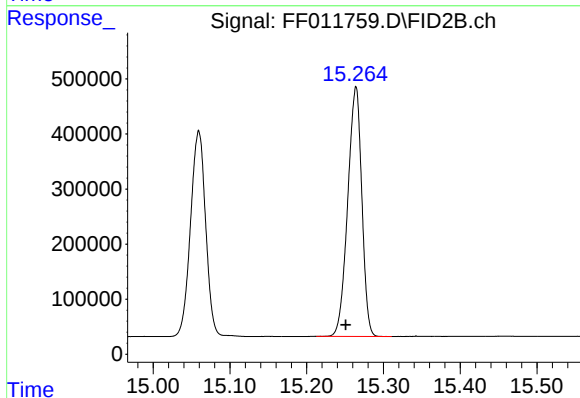
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

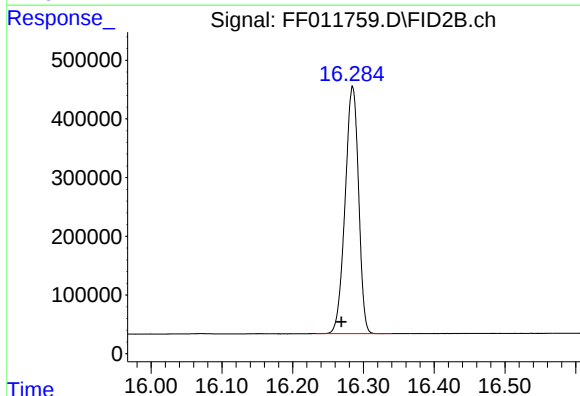
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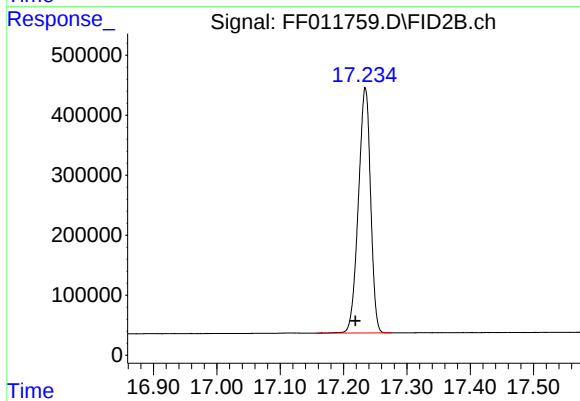
#10 N-TETRACOSANE

R.T.: 15.264 min
Delta R.T.: 0.013 min
Response: 5772195
Conc: 42.56 ug/ml



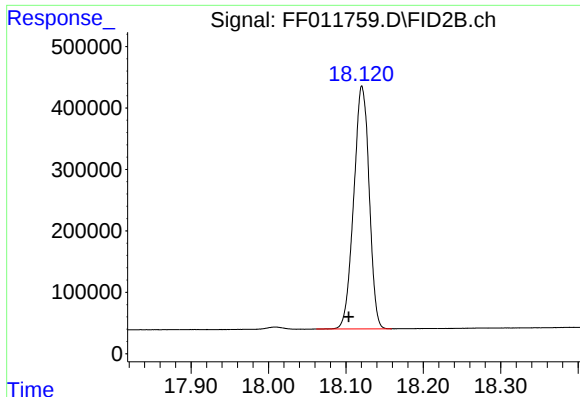
#11 N-HEXACOSANE

R.T.: 16.285 min
Delta R.T.: 0.016 min
Response: 5577549
Conc: 41.75 ug/ml



#12 N-OCTACOSANE

R.T.: 17.234 min
Delta R.T.: 0.016 min
Response: 5464623
Conc: 41.25 ug/ml



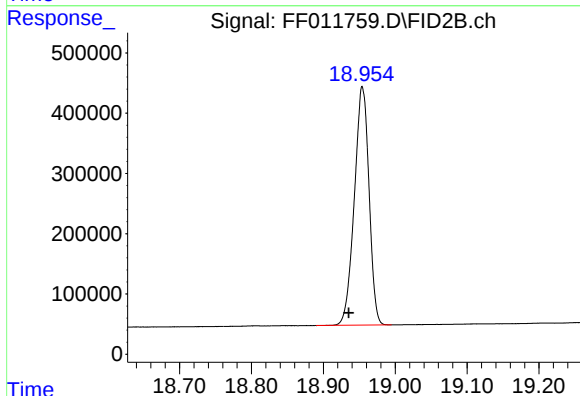
#13 N-TRIACONTANE

R.T.: 18.121 min
Delta R.T.: 0.017 min
Response: 5470328
Conc: 41.48 ug/ml

Instrument :
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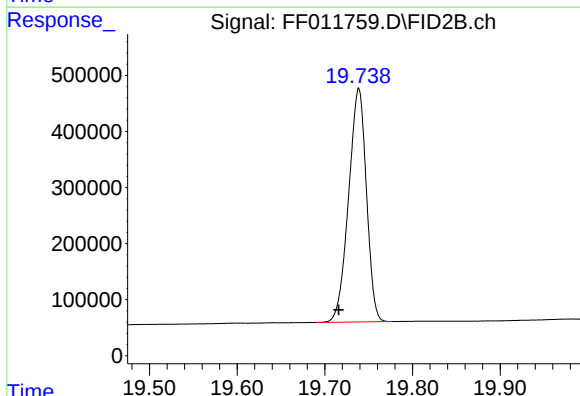
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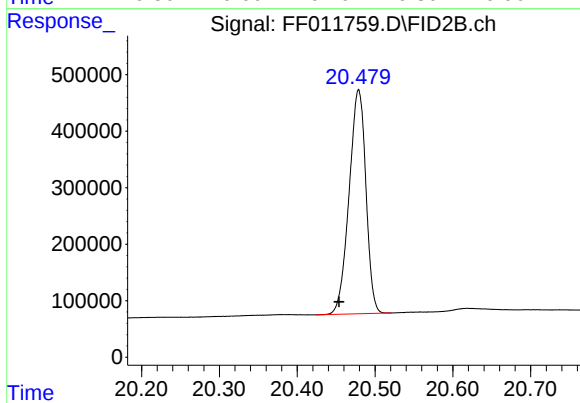
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: 0.019 min
Response: 5613576
Conc: 41.71 ug/ml



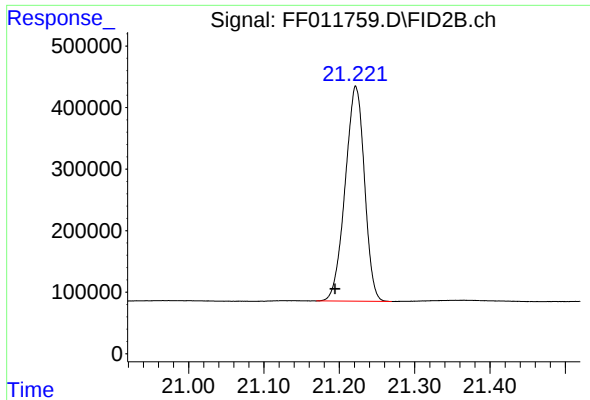
#15 N-TETRATRIACONTANE

R.T.: 19.738 min
Delta R.T.: 0.022 min
Response: 5882403
Conc: 44.67 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: 0.025 min
Response: 5945316
Conc: 48.27 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.221 min
Delta R.T.: 0.027 min
Response: 6215861
Conc: 53.38 ug/ml

Instrument :

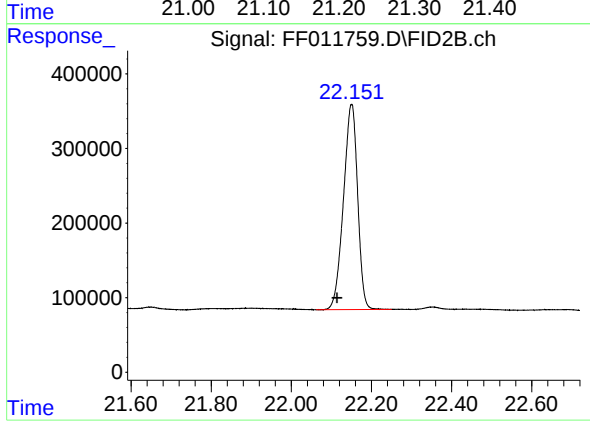
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#18 N-TETRACONTANE

R.T.: 22.151 min
Delta R.T.: 0.036 min
Response: 6760403
Conc: 62.16 ug/ml