

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF033023\
 Data File : FF012371.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 11:08
 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 03/31/2023
 Supervised By :mohammad ahmed 03/31/2023

Integration File: autoint1.e
 Quant Time: Mar 30 17:25:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 2023
 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...	15.022	5873907	52.487 ug/mlm
Target Compounds			
1) N-OCTANE	2.072	6135192	48.379 ug/ml
2) N-DECANE	4.588	6951501	55.522 ug/ml
3) N-DODECANE	6.751	7010465	56.550 ug/ml
4) N-TETRADECANE	8.575	7006814	53.771 ug/ml
5) N-HEXADECANE	10.180	7047579	52.814 ug/ml
6) N-OCTADECANE	11.621	6976865	51.940 ug/ml
7) N-EICOSANE	12.929	6861569	51.580 ug/ml
8) N-DOCOSANE	14.125	6545869	51.513 ug/ml
10) N-TETRACOSANE	15.226	6456900	51.775 ug/ml
11) N-HEXACOSANE	16.246	6280673	52.453 ug/ml
12) N-OCTACOSANE	17.193	6170026	53.638 ug/ml
13) N-TRIACONTANE	18.079	6071147	55.175 ug/ml
14) N-DOTRIACONTANE	18.910	5801877	55.903 ug/ml
15) N-TETRATRIACONTANE	19.693	5383419	56.903 ug/ml
16) N-HEXATRIACONTANE	20.431	5009782	57.183 ug/ml
17) N-OCTATRIACONTANE	21.164	4968144	60.004 ug/ml
18) N-TETRACONTANE	22.072	5058736	61.928 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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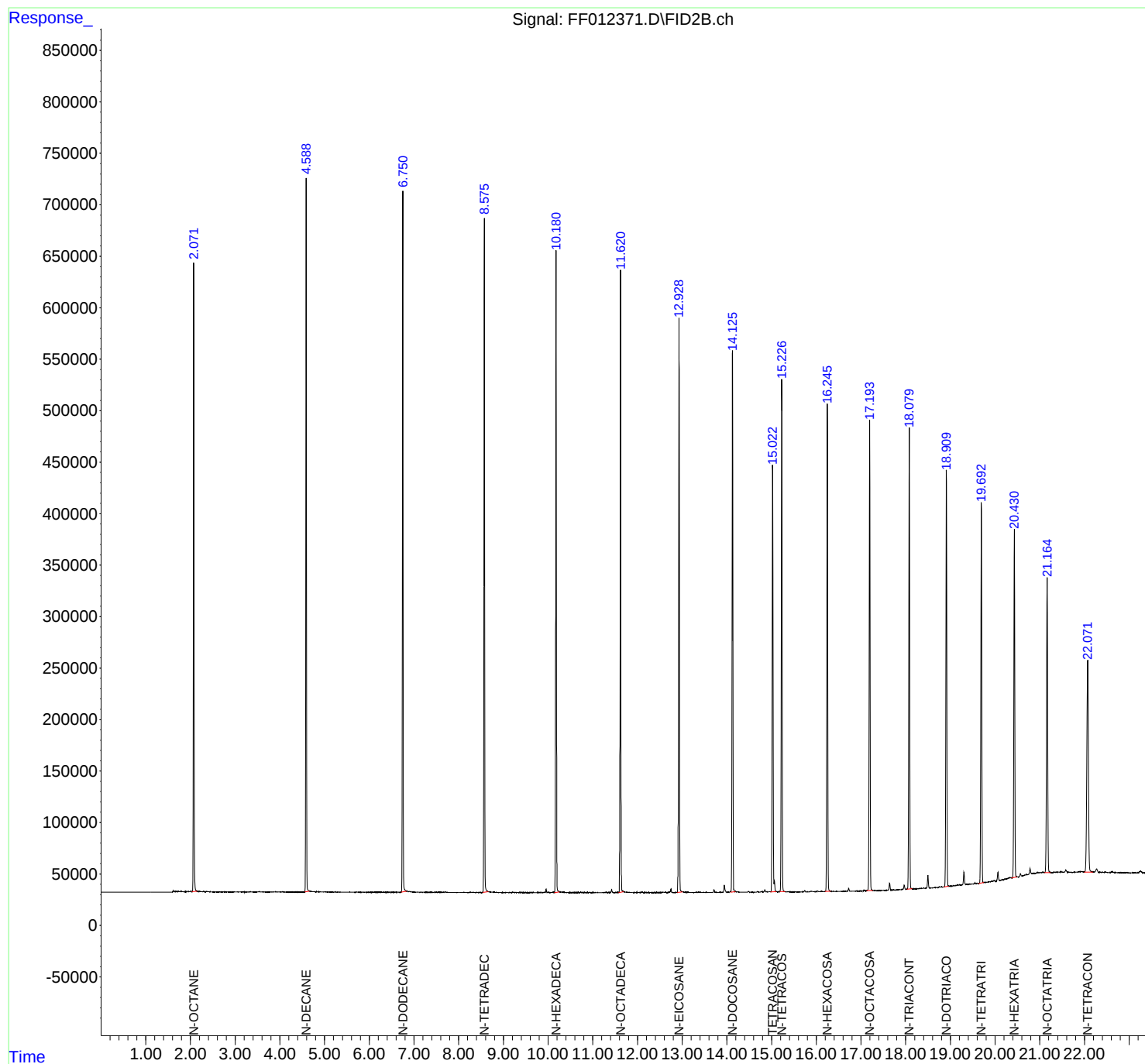
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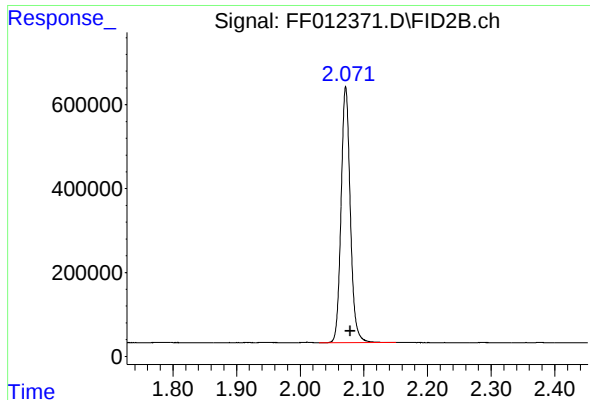
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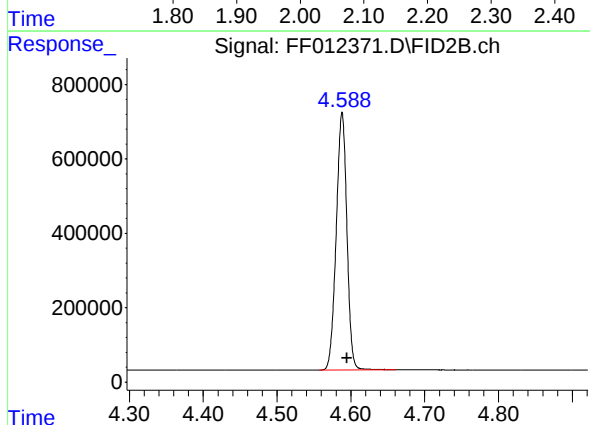
#1 N-OCTANE

R.T.: 2.072 min
Delta R.T.: -0.007 min
Response: 6135192
Conc: 48.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

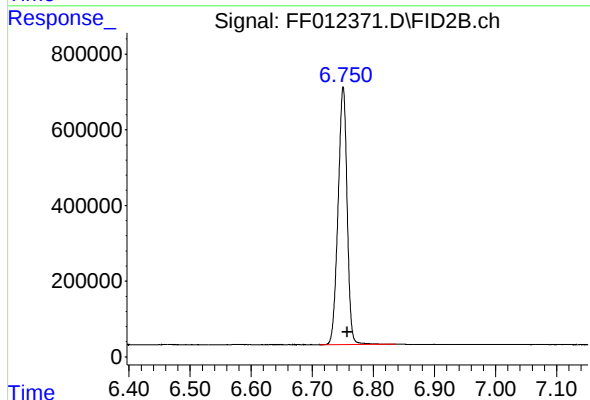
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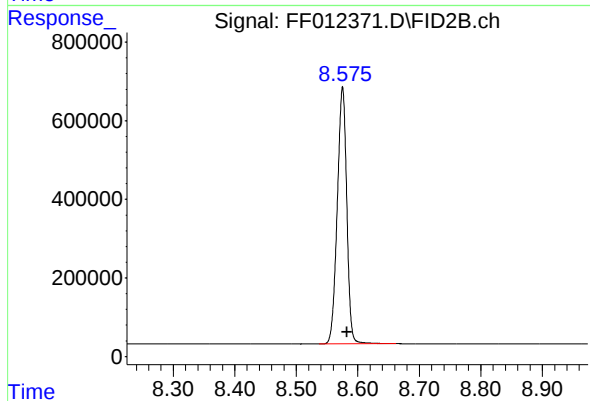
#2 N-DECANE

R.T.: 4.588 min
Delta R.T.: -0.007 min
Response: 6951501
Conc: 55.52 ug/ml



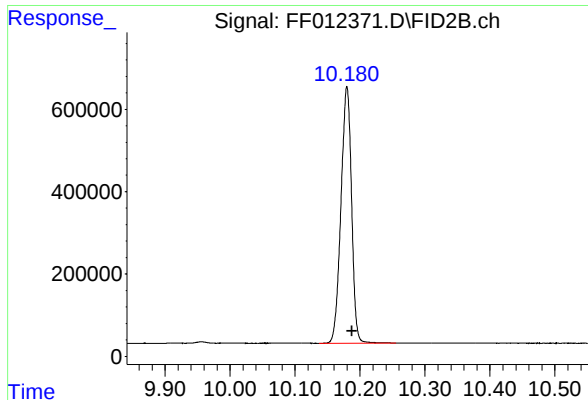
#3 N-DODECANE

R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 7010465
Conc: 56.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.007 min
Response: 7006814
Conc: 53.77 ug/ml



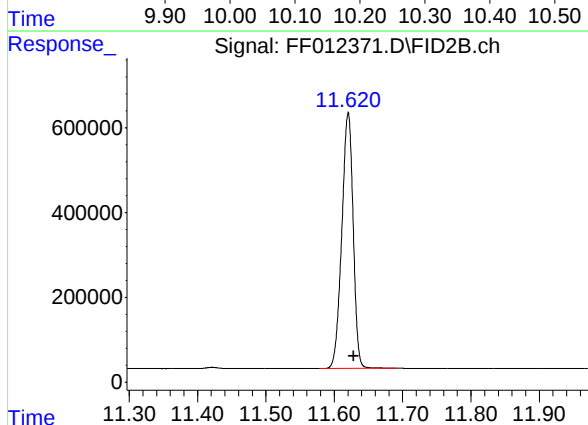
#5 N-HEXADECANE

R.T.: 10.180 min
Delta R.T.: -0.008 min
Response: 7047579
Conc: 52.81 ug/ml

Instrument :
FID_F
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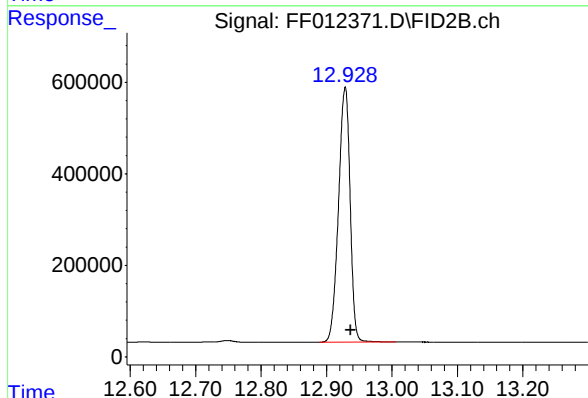
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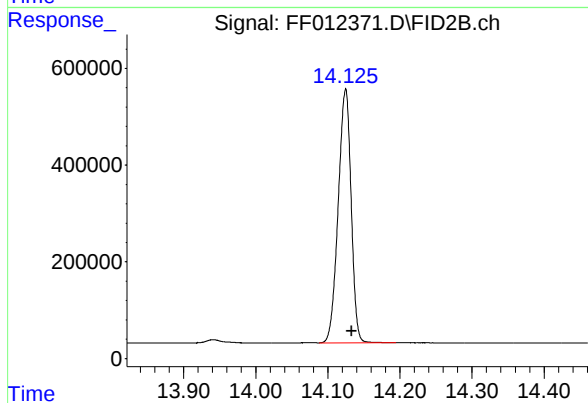
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: -0.008 min
Response: 6976865
Conc: 51.94 ug/ml



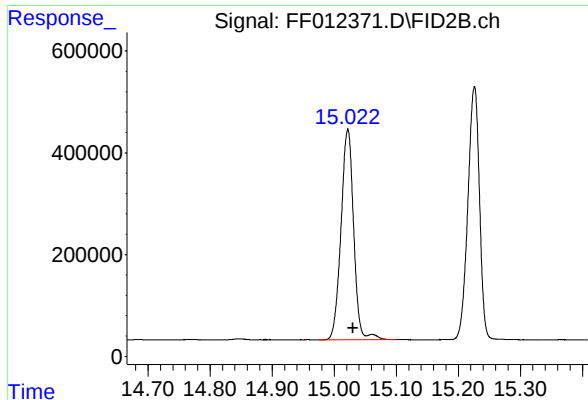
#7 N-EICOSANE

R.T.: 12.929 min
Delta R.T.: -0.009 min
Response: 6861569
Conc: 51.58 ug/ml



#8 N-DOCOSANE

R.T.: 14.125 min
Delta R.T.: -0.008 min
Response: 6545869
Conc: 51.51 ug/ml



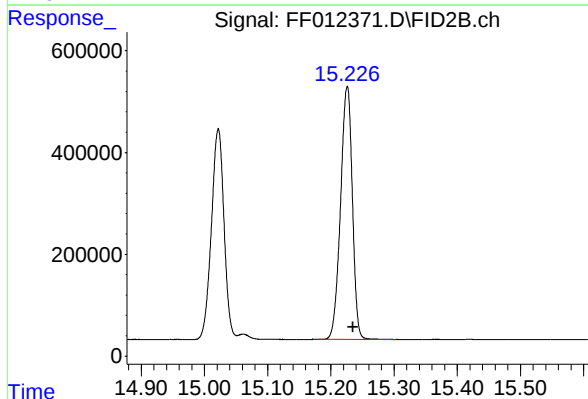
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.022 min
Delta R.T.: -0.009 min
Response: 5873907
Conc: 52.49 ug/ml

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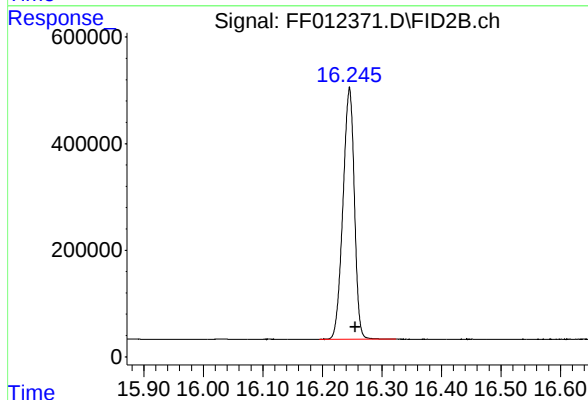
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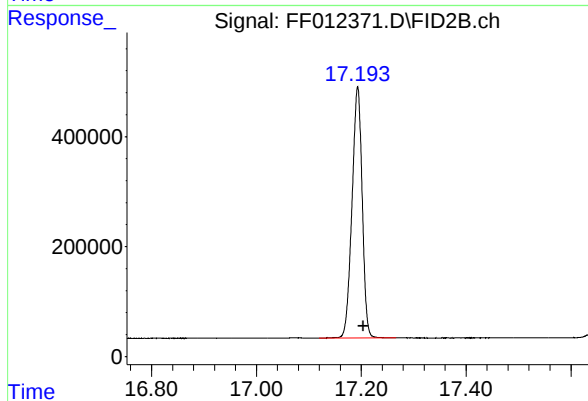
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.009 min
Response: 6456900
Conc: 51.78 ug/ml



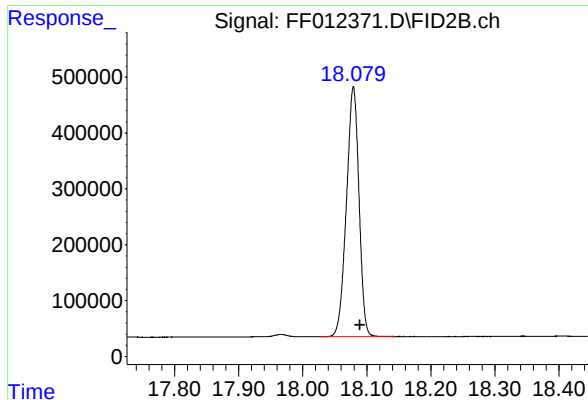
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: -0.010 min
Response: 6280673
Conc: 52.45 ug/ml



#12 N-OCTACOSANE

R.T.: 17.193 min
Delta R.T.: -0.011 min
Response: 6170026
Conc: 53.64 ug/ml



#13 N-TRIACONTANE

R.T.: 18.079 min
Delta R.T.: -0.010 min
Response: 6071147
Conc: 55.17 ug/ml

Instrument :

FID_F

ClientSampleId :

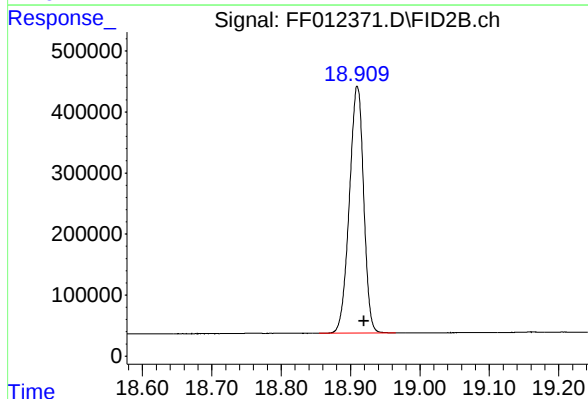
50 PPM TRPH STD

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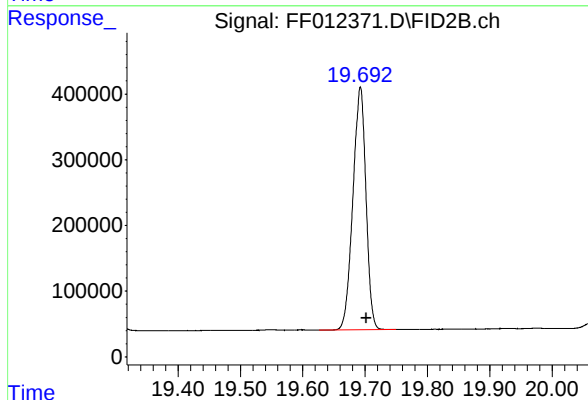
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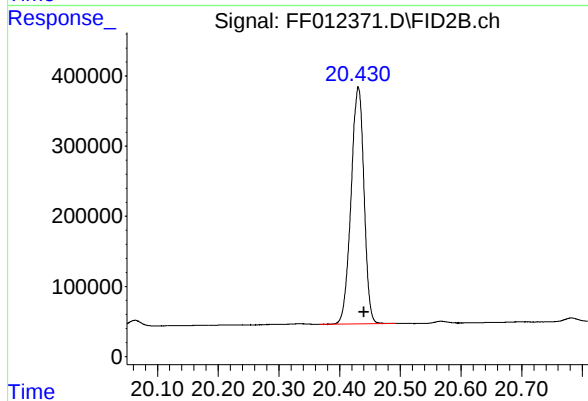
#14 N-DOTRIACONTANE

R.T.: 18.910 min
Delta R.T.: -0.010 min
Response: 5801877
Conc: 55.90 ug/ml



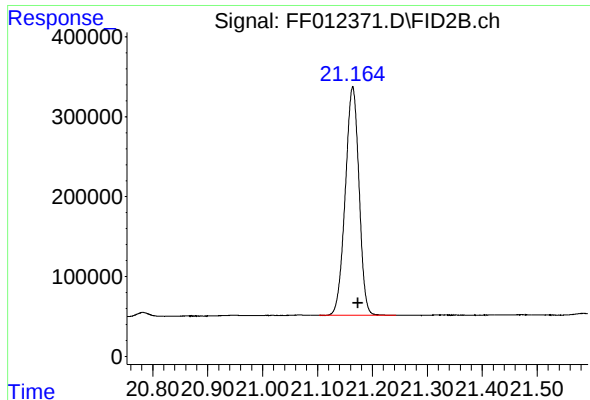
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: -0.009 min
Response: 5383419
Conc: 56.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.431 min
Delta R.T.: -0.009 min
Response: 5009782
Conc: 57.18 ug/ml



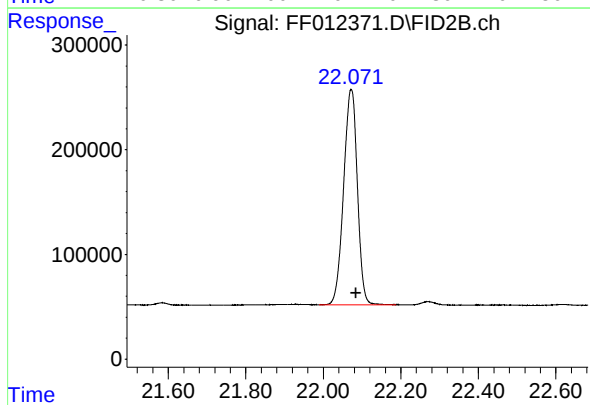
#17 N-OCTATRIACONTANE

R.T.: 21.164 min
Delta R.T.: -0.010 min
Response: 4968144
Conc: 60.00 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.072 min
Delta R.T.: -0.012 min
Response: 5058736
Conc: 61.93 ug/ml