

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050824\
 Data File : FF014142.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 00:28
 Operator : YP\AJ
 Sample : P2403-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 08:18:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:04:30 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...	14.942	2303130	21.107 ug/ml
Target Compounds			
1) N-OCTANE	1.982	113811	1.015 ug/ml
2) N-DECANE	4.496	75002	0.701 ug/mlm
3) N-DODECANE	6.677	20336	0.189 ug/mlm
4) N-TETRADECANE	8.565f	104205	0.937 ug/mlm
5) N-HEXADECANE	10.141	128237	1.111 ug/mlm
6) N-OCTADECANE	11.559	140377	1.176 ug/mlm
7) N-EICOSANE	12.859	140379	1.107 ug/mlm
8) N-DOCOSANE	14.047	137900	1.120 ug/ml
10) N-TETRACOSANE	15.150	136257	1.111 ug/ml
11) N-HEXACOSANE	16.188	119732	0.987 ug/ml
12) N-OCTACOSANE	17.139	131491	1.099 ug/ml
13) N-TRIACONTANE	18.023	141578	1.166 ug/ml
14) N-DOTRIACONTANE	18.855	159566	1.311 ug/ml
15) N-TETRATRIACONTANE	19.638	168739	1.527 ug/ml
16) N-HEXATRIACONTANE	20.378	180924	1.813 ug/ml
17) N-OCTATRIACONTANE	21.113	170689	1.899 ug/ml
18) N-TETRACONTANE	22.020	120693	1.463 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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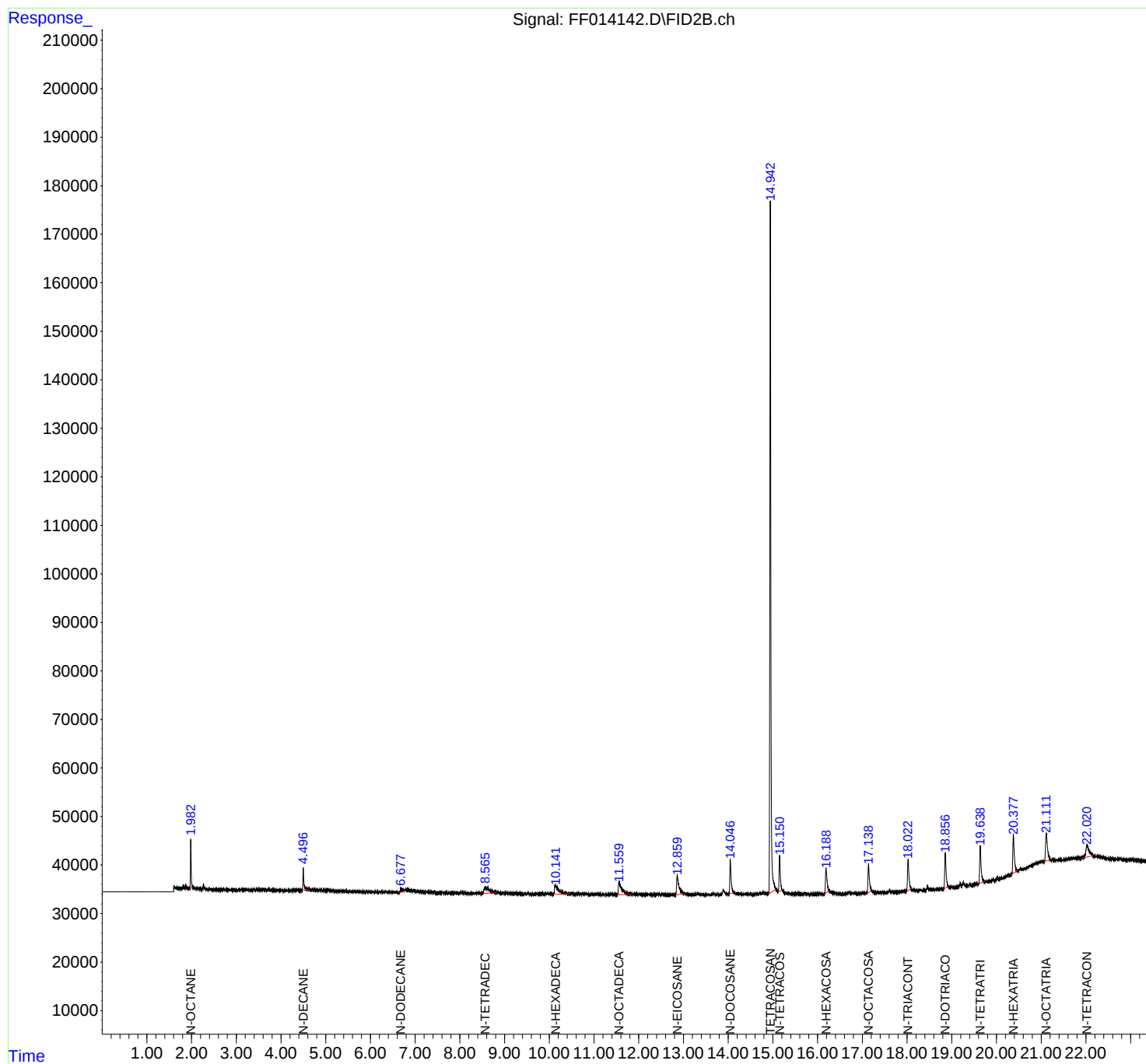
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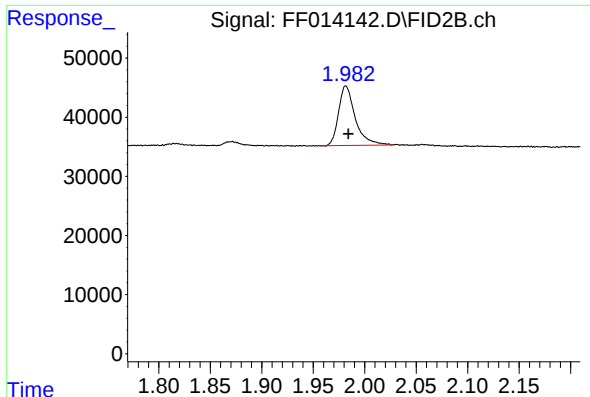
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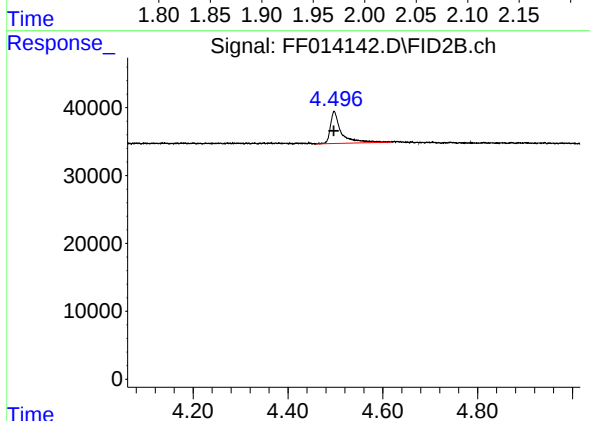
#1 N-OCTANE

R.T.: 1.982 min
Delta R.T.: -0.002 min
Response: 113811
Conc: 1.02 ug/ml

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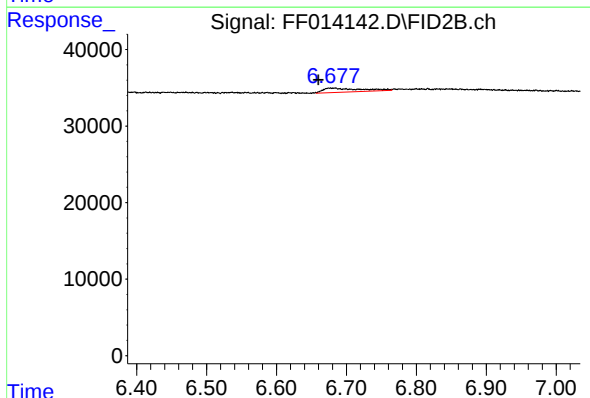
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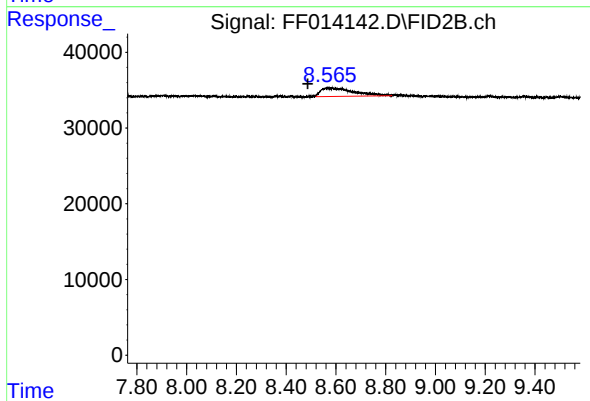
#2 N-DECANE

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 75002
Conc: 0.70 ug/ml m



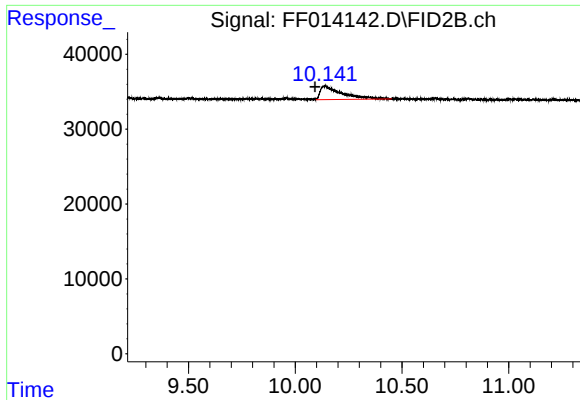
#3 N-DODECANE

R.T.: 6.677 min
Delta R.T.: 0.017 min
Response: 20336
Conc: 0.19 ug/ml m



#4 N-TETRADECANE

R.T.: 8.565 min
Delta R.T.: 0.078 min
Response: 104205
Conc: 0.94 ug/ml m



#5 N-HEXADECANE

```

      R.T.:    10.141 min
Delta R.T.:    0.047 min
  Response:    128237
      Conc:    1.11 ug/ml

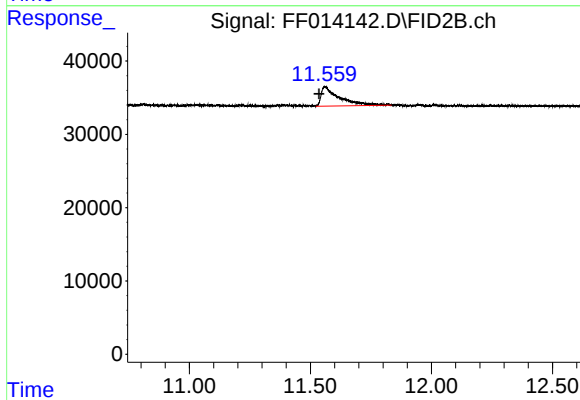
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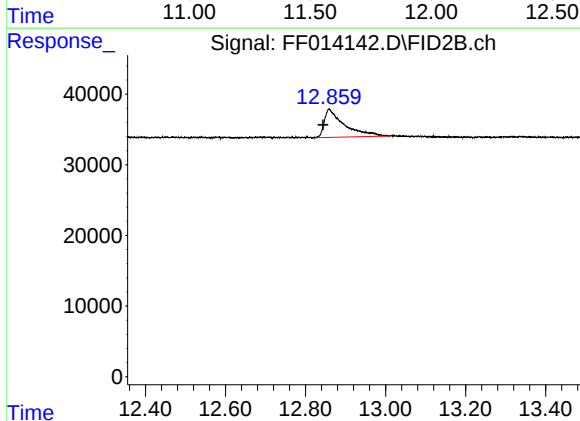


#6 N-OCTADECANE

```

      R.T.:    11.559 min
Delta R.T.:    0.023 min
  Response:    140377
      Conc:    1.18 ug/ml m

```

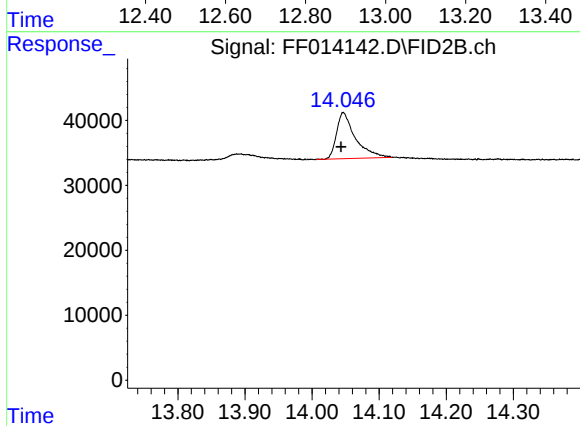


#7 N-EICOSANE

```

      R.T.: 12.859 min
Delta R.T.: 0.015 min
  Response: 140379
      Conc: 1.11 ug/ml m

```

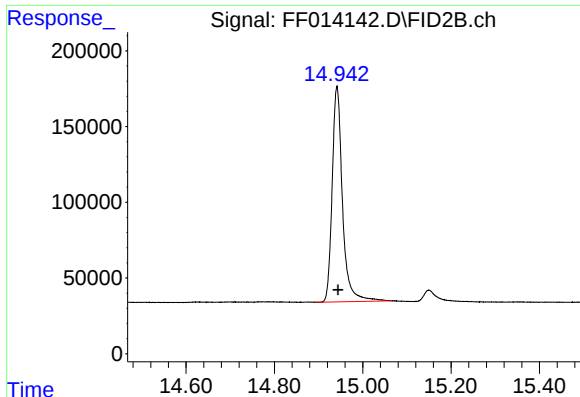


#8 N-DOCOSANE

```

      R.T.:    14.047 min
Delta R.T.:    0.004 min
  Response:    137900
      Conc:    1.12 ug/ml

```



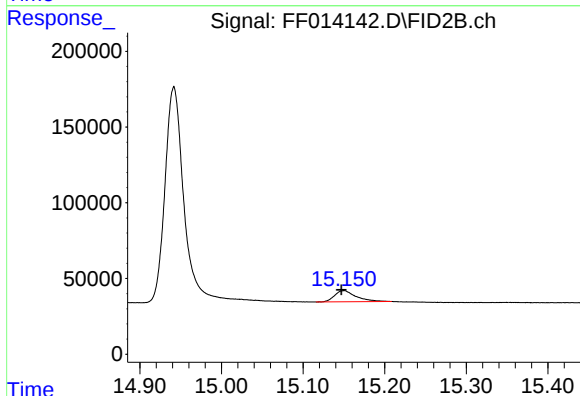
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.942 min
Delta R.T.: -0.003 min
Response: 2303130
Conc: 21.11 ug/ml

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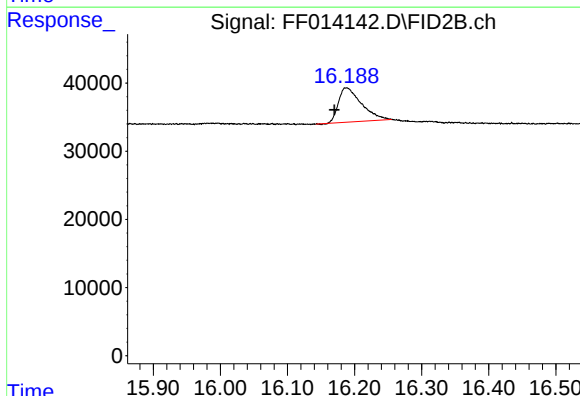
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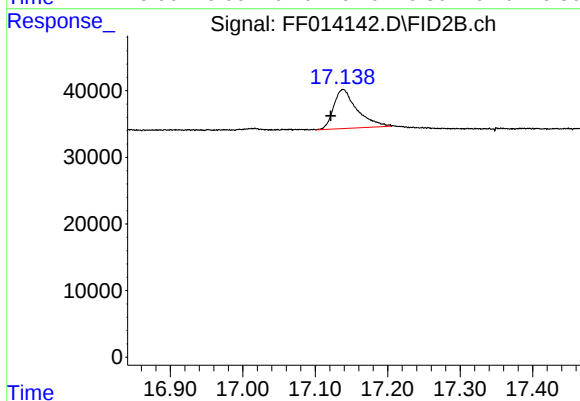
#10 N-TETRACOSANE

R.T.: 15.150 min
Delta R.T.: 0.003 min
Response: 136257
Conc: 1.11 ug/ml



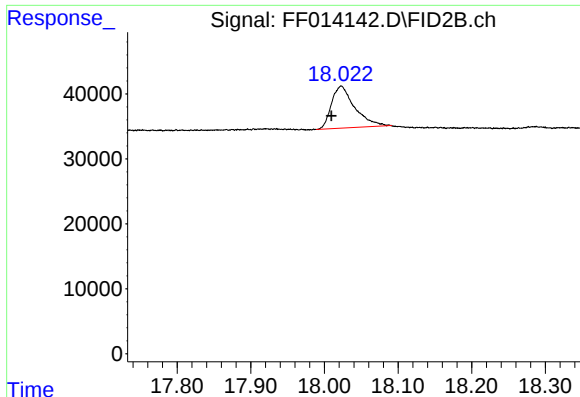
#11 N-HEXACOSANE

R.T.: 16.188 min
Delta R.T.: 0.017 min
Response: 119732
Conc: 0.99 ug/ml



#12 N-OCTACOSANE

R.T.: 17.139 min
Delta R.T.: 0.017 min
Response: 131491
Conc: 1.10 ug/ml



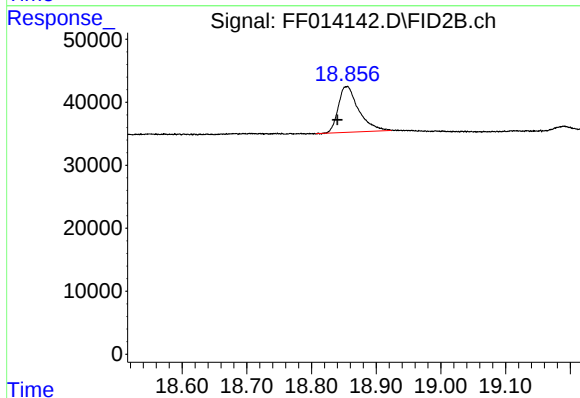
#13 N-TRIACONTANE

R.T.: 18.023 min
Delta R.T.: 0.013 min
Response: 141578
Conc: 1.17 ug/ml

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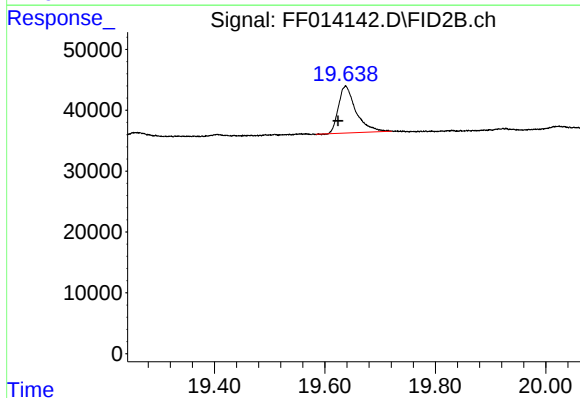
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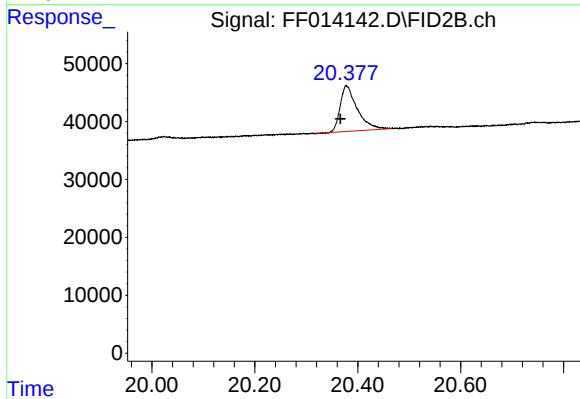
#14 N-DOTRIACONTANE

R.T.: 18.855 min
Delta R.T.: 0.015 min
Response: 159566
Conc: 1.31 ug/ml



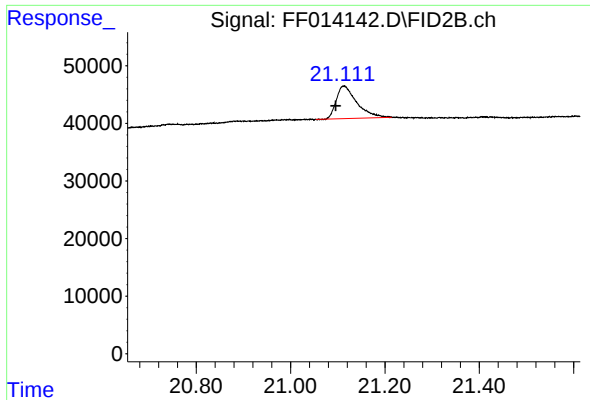
#15 N-TETRATRIACONTANE

R.T.: 19.638 min
Delta R.T.: 0.014 min
Response: 168739
Conc: 1.53 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.378 min
Delta R.T.: 0.012 min
Response: 180924
Conc: 1.81 ug/ml



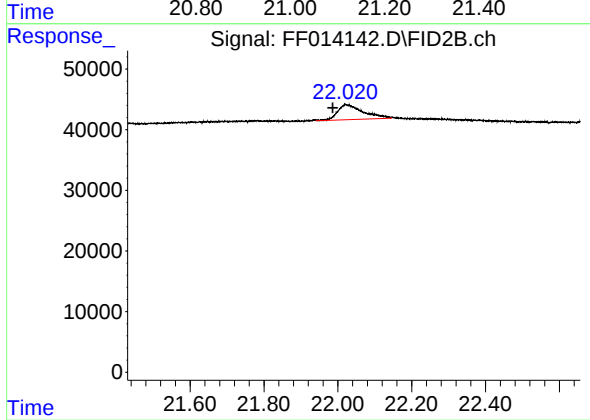
#17 N-OCTATRIACONTANE

R.T.: 21.113 min
Delta R.T.: 0.017 min
Response: 170689
Conc: 1.90 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.020 min
Delta R.T.: 0.034 min
Response: 120693
Conc: 1.46 ug/ml m