

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723\
 Data File : FE041239.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 00:41
 Operator : YP\AJ
 Sample : 02213-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-06-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 02:15:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 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...	14.931	2178184	17.113 ug/ml
Target Compounds			
1) N-OCTANE	1.988	121520	0.812 ug/ml
2) N-DECANE	4.488	126459	0.853 ug/mlm
3) N-DODECANE	6.654	118530	0.781 ug/mlm
4) N-TETRADECANE	8.478	134864	0.884 ug/mlm
5) N-HEXADECANE	10.084	139816	0.908 ug/mlm
6) N-OCTADECANE	11.525	133056	0.870 ug/ml
7) N-EICOSANE	12.833	134202	0.890 ug/ml
8) N-DOCOSANE	14.030	140326	0.970 ug/ml
10) N-TETRACOSANE	15.135	140322	0.983 ug/ml
11) N-HEXACOSANE	16.156	132300	0.951 ug/ml
12) N-OCTACOSANE	17.106	140867	1.025 ug/ml
13) N-TRIACONTANE	17.994	170205	1.246 ug/ml
14) N-DOTRIACONTANE	18.828	196136	1.472 ug/ml
15) N-TETRATRIACONTANE	19.613	192789	1.523 ug/ml
16) N-HEXATRIACONTANE	20.354	179909	1.490 ug/ml
17) N-OCTATRIACONTANE	21.078	190443	1.540 ug/ml
18) N-TETRACONTANE	21.955	196458	1.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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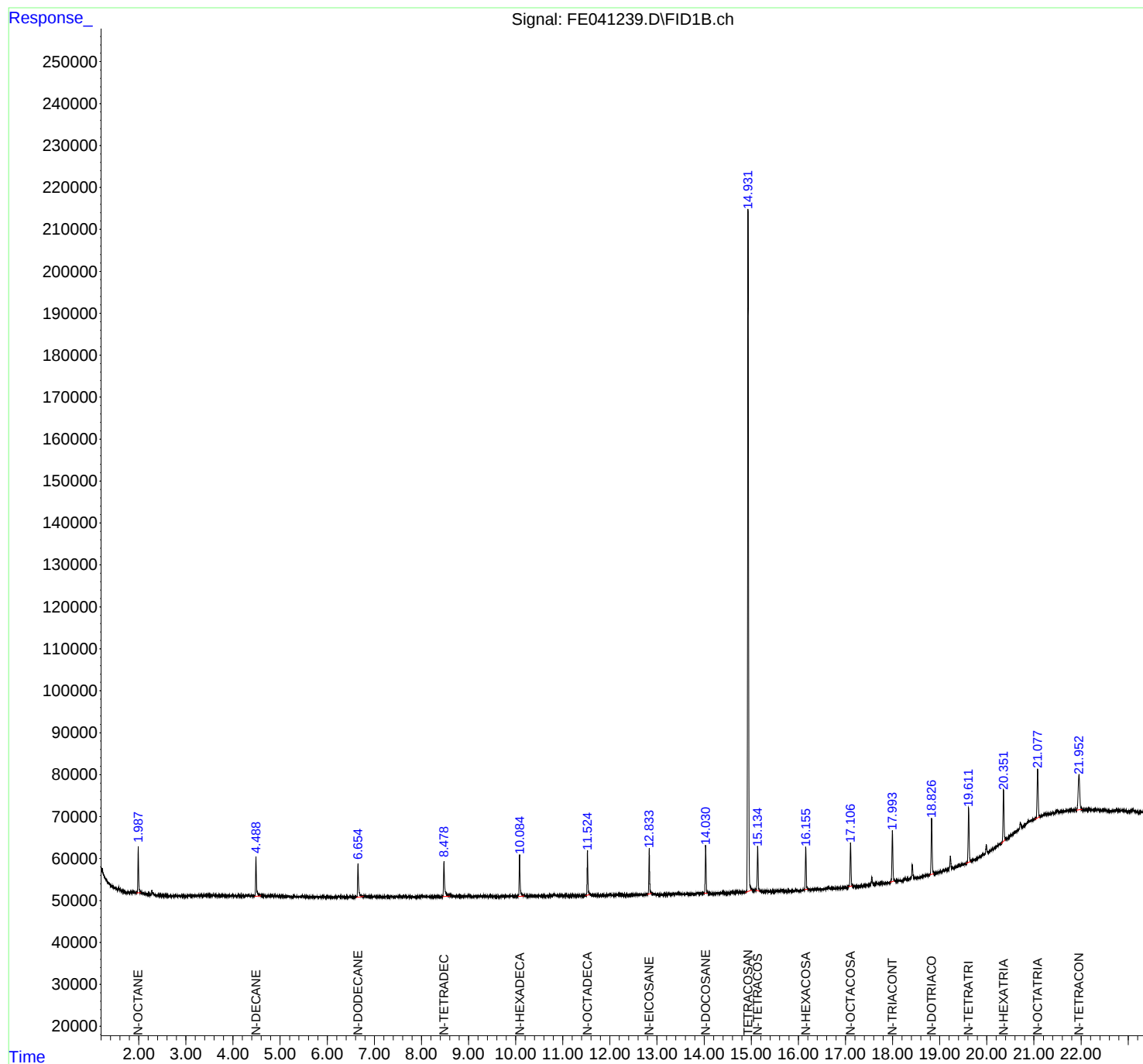
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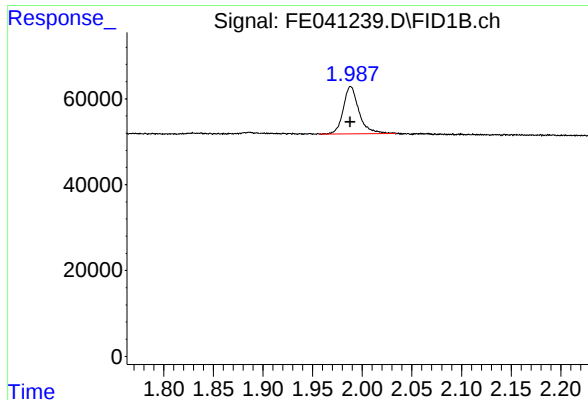
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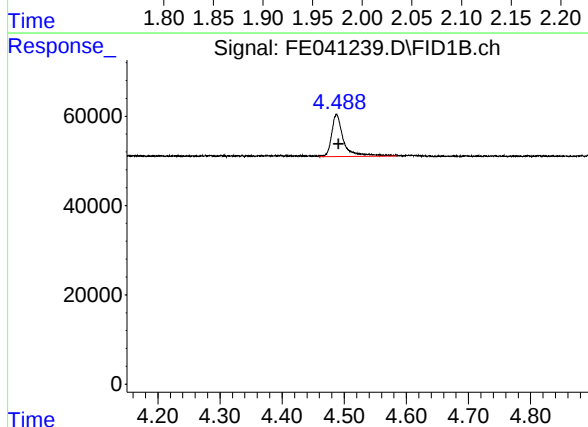
#1 N-OCTANE

R.T.: 1.988 min
Delta R.T.: 0.000 min
Response: 121520
Conc: 0.81 ug/ml

Instrument :
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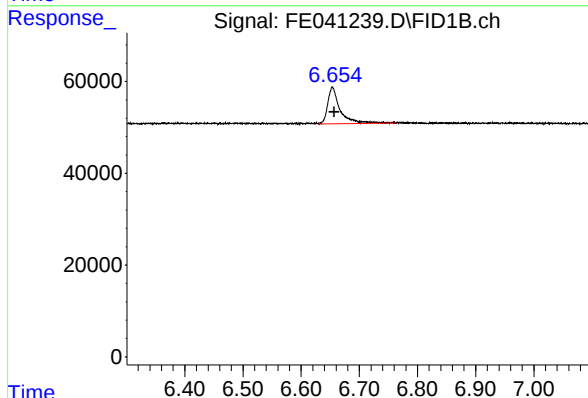
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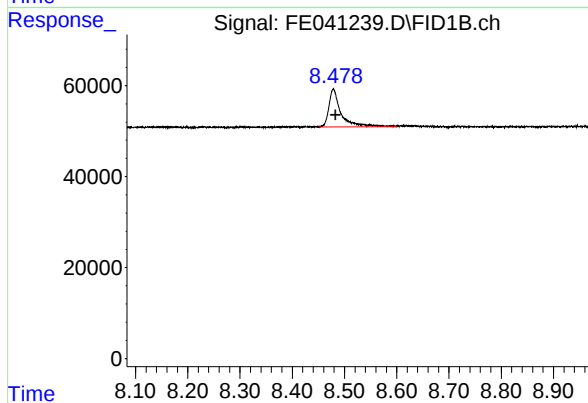
#2 N-DECANE

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 126459
Conc: 0.85 ug/ml m



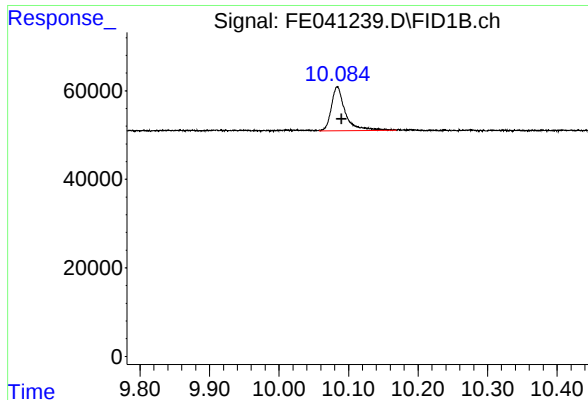
#3 N-DODECANE

R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 118530
Conc: 0.78 ug/ml m



#4 N-TETRADECANE

R.T.: 8.478 min
Delta R.T.: -0.005 min
Response: 134864
Conc: 0.88 ug/ml m



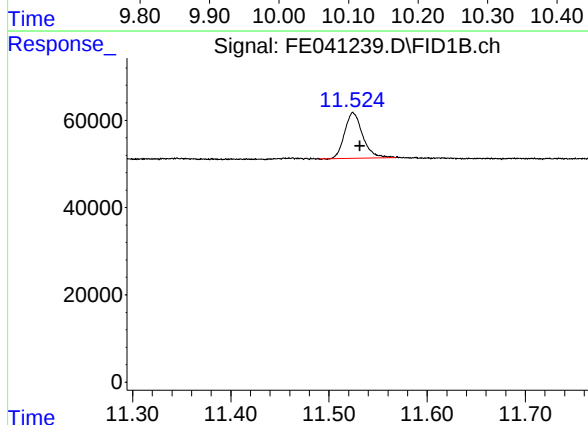
#5 N-HEXADECANE

R.T.: 10.084 min
Delta R.T.: -0.005 min
Response: 139816
Conc: 0.91 ug/ml

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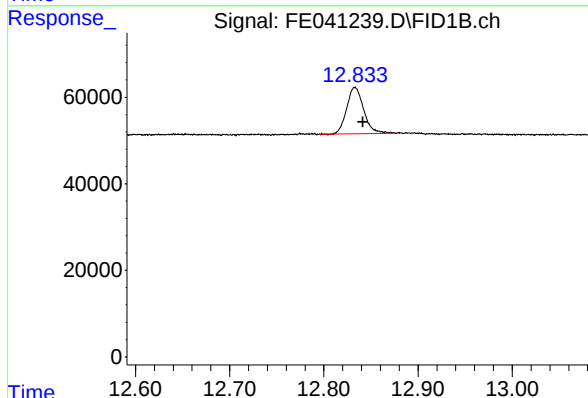
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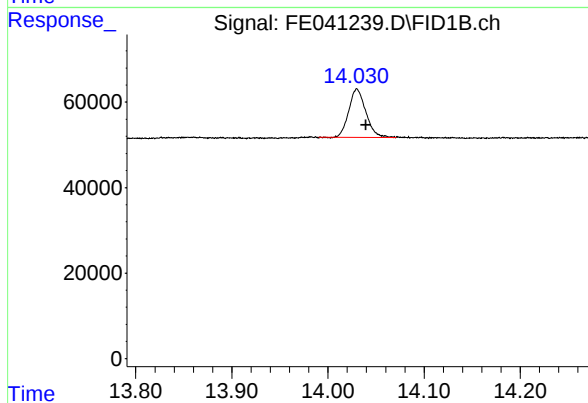
#6 N-OCTADECANE

R.T.: 11.525 min
Delta R.T.: -0.007 min
Response: 133056
Conc: 0.87 ug/ml



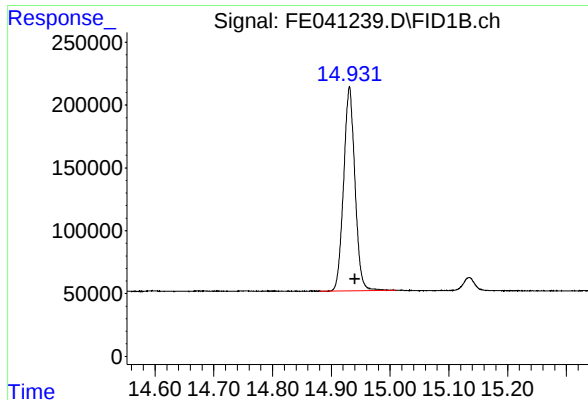
#7 N-EICOSANE

R.T.: 12.833 min
Delta R.T.: -0.008 min
Response: 134202
Conc: 0.89 ug/ml



#8 N-DOCOSANE

R.T.: 14.030 min
Delta R.T.: -0.009 min
Response: 140326
Conc: 0.97 ug/ml



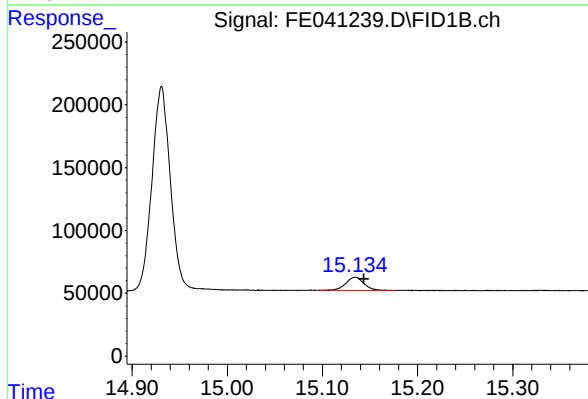
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.931 min
Delta R.T.: -0.009 min
Response: 2178184
Conc: 17.11 ug/ml

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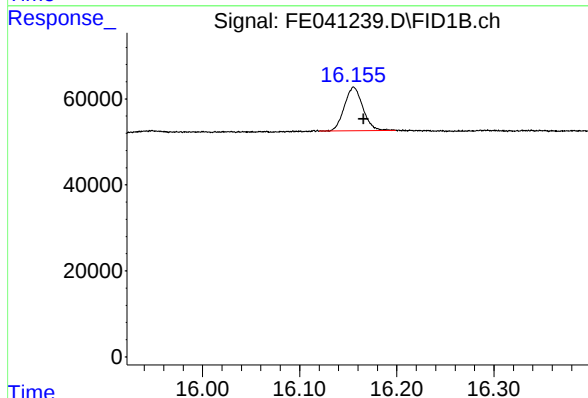
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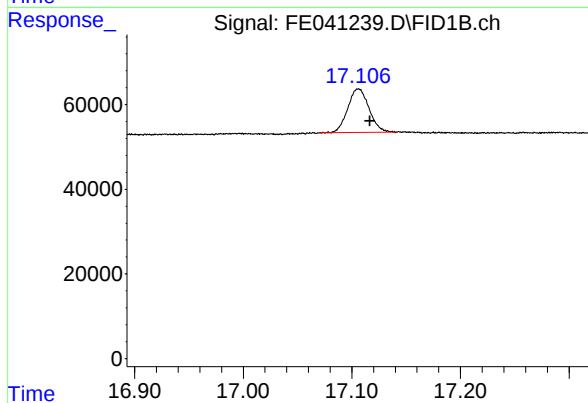
#10 N-TETRACOSANE

R.T.: 15.135 min
Delta R.T.: -0.009 min
Response: 140322
Conc: 0.98 ug/ml



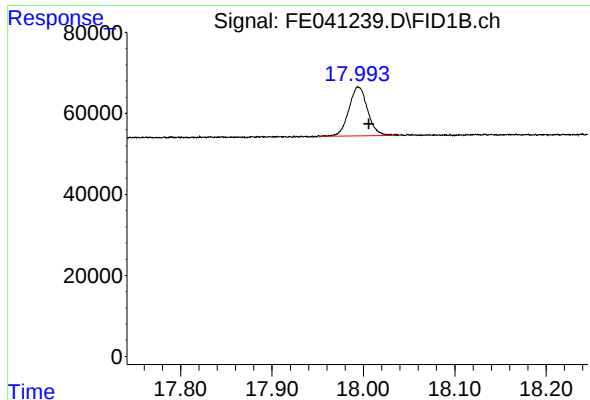
#11 N-HEXACOSANE

R.T.: 16.156 min
Delta R.T.: -0.010 min
Response: 132300
Conc: 0.95 ug/ml



#12 N-OCTACOSANE

R.T.: 17.106 min
Delta R.T.: -0.010 min
Response: 140867
Conc: 1.03 ug/ml



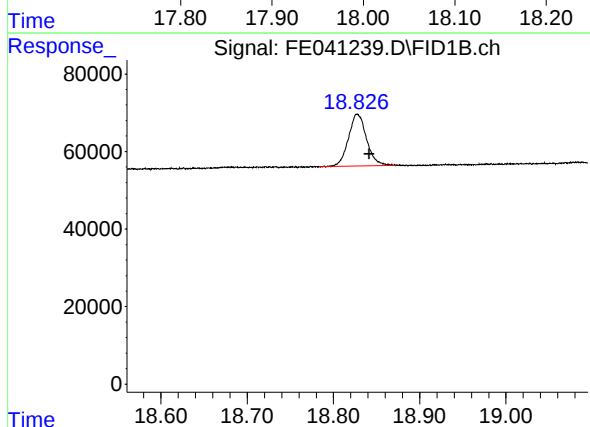
#13 N-TRIACONTANE

R.T.: 17.994 min
Delta R.T.: -0.012 min
Response: 170205
Conc: 1.25 ug/ml

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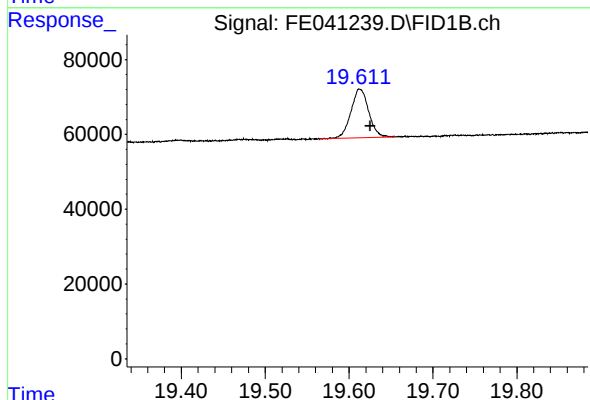
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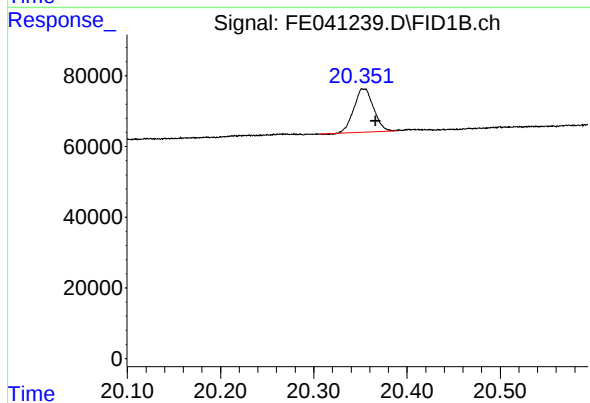
#14 N-DOTRIACONTANE

R.T.: 18.828 min
Delta R.T.: -0.014 min
Response: 196136
Conc: 1.47 ug/ml



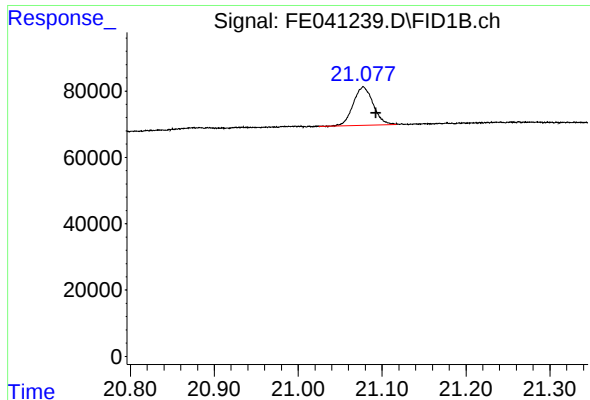
#15 N-TETRATRIACONTANE

R.T.: 19.613 min
Delta R.T.: -0.013 min
Response: 192789
Conc: 1.52 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.354 min
Delta R.T.: -0.013 min
Response: 179909
Conc: 1.49 ug/ml



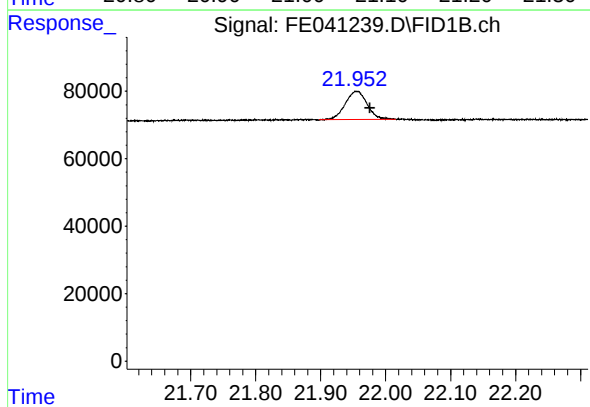
#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: -0.015 min
Response: 190443
Conc: 1.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.955 min
Delta R.T.: -0.021 min
Response: 196458
Conc: 1.51 ug/ml