

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623\
 Data File : FE041191.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 12:47
 Operator : YP\AJ
 Sample : 02213-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 03:14:50 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...	14.939	2196022	17.254 ug/ml
Target Compounds			
1) N-OCTANE	1.990	125966	0.841 ug/ml
2) N-DECANE	4.491	113414	0.765 ug/ml
3) N-DODECANE	6.657	111647	0.736 ug/ml
4) N-TETRADECANE	8.483	121667	0.797 ug/ml
5) N-HEXADECANE	10.089	134022	0.870 ug/ml
6) N-OCTADECANE	11.531	144193	0.943 ug/ml
7) N-EICOSANE	12.840	144357	0.957 ug/ml
8) N-DOCOSANE	14.039	145205	1.004 ug/ml
10) N-TETRACOSANE	15.142	146294	1.024 ug/ml
11) N-HEXACOSANE	16.163	136559	0.982 ug/ml
12) N-OCTACOSANE	17.114	137093	0.998 ug/ml
13) N-TRIACONTANE	18.002	143248	1.049 ug/ml
14) N-DOTRIACONTANE	18.837	156727	1.176 ug/ml
15) N-TETRATRIACONTANE	19.622	157781	1.246 ug/ml
16) N-HEXATRIACONTANE	20.363	168437	1.395 ug/mlm
17) N-OCTATRIACONTANE	21.090	180342	1.458 ug/ml
18) N-TETRACONTANE	21.968	186734	1.436 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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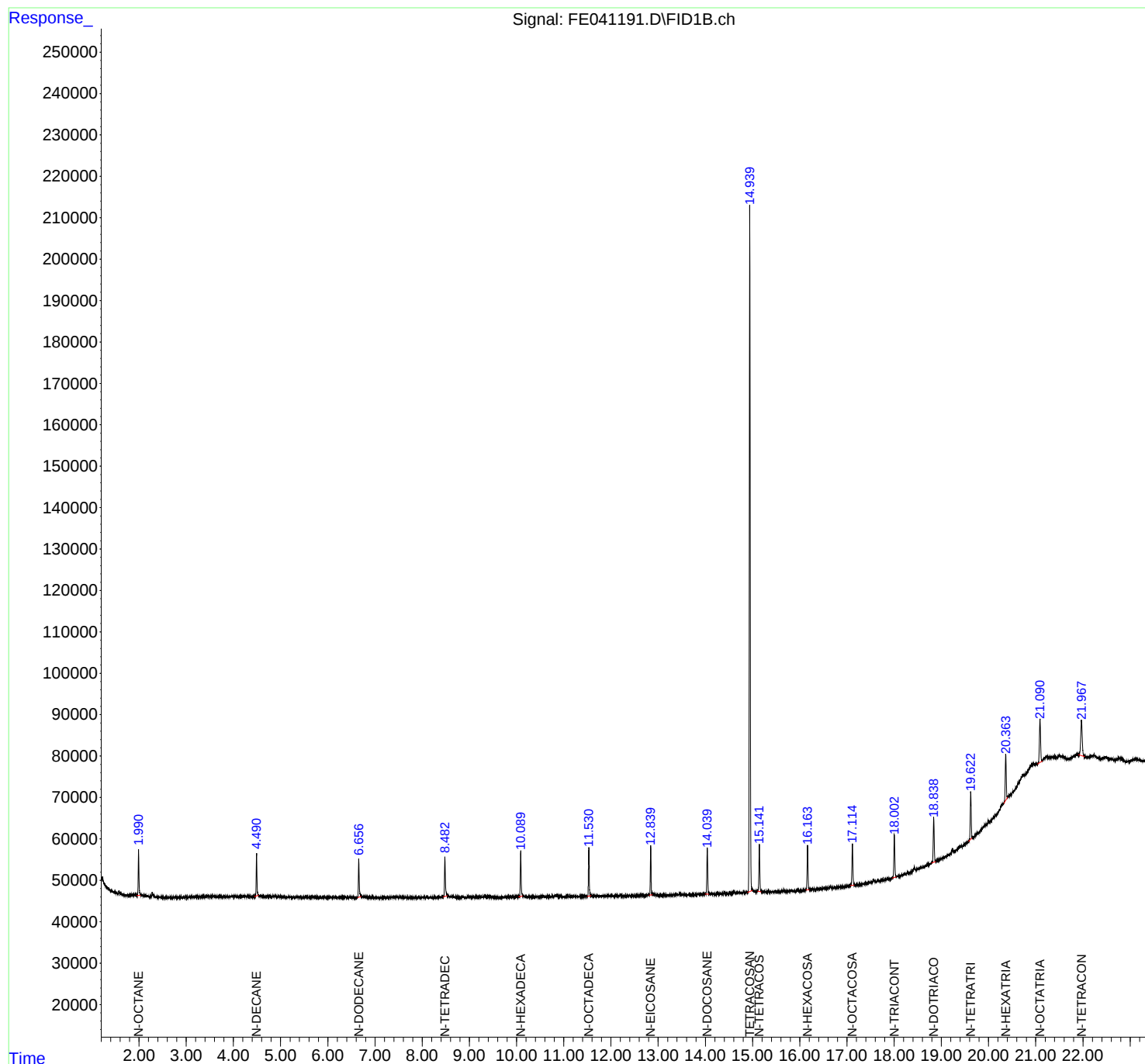
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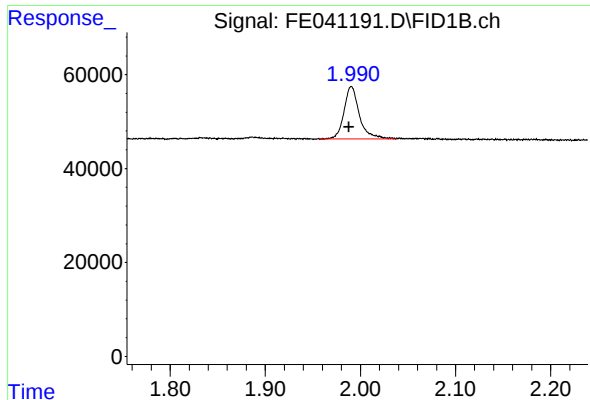
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.990 min
Delta R.T.: 0.002 min
Response: 125966
Conc: 0.84 ug/ml

Instrument :

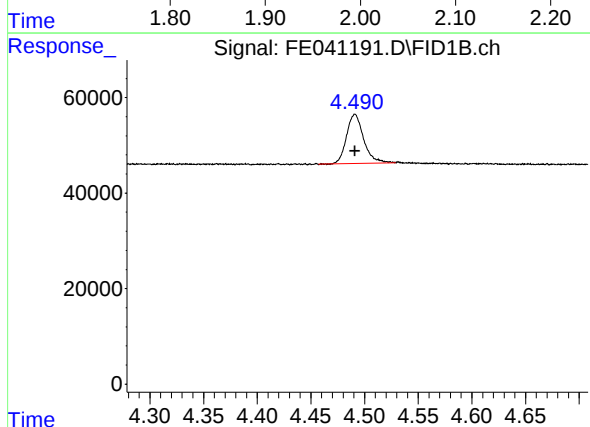
FID_E

ClientSampleId :

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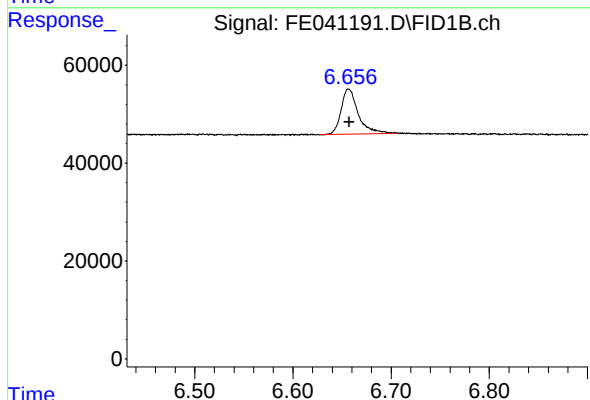
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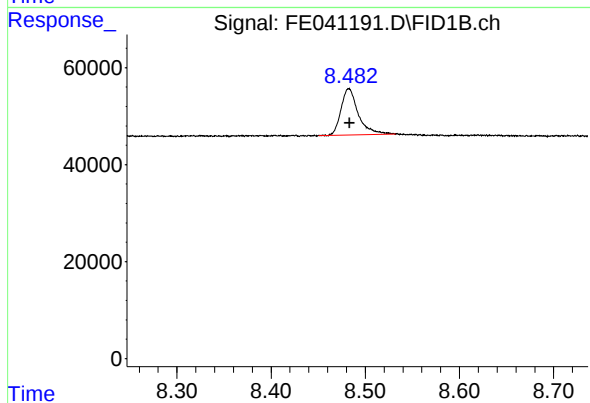
#2 N-DECANE

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 113414
Conc: 0.76 ug/ml



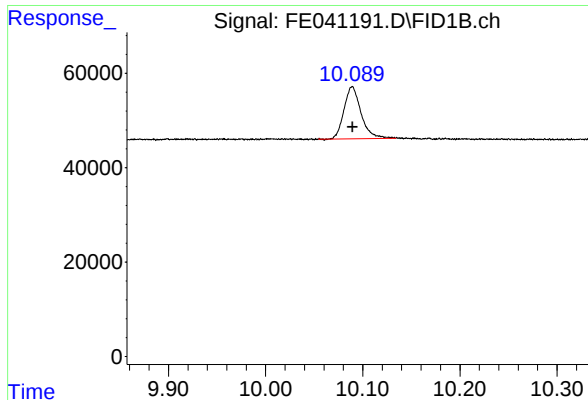
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 111647
Conc: 0.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 121667
Conc: 0.80 ug/ml



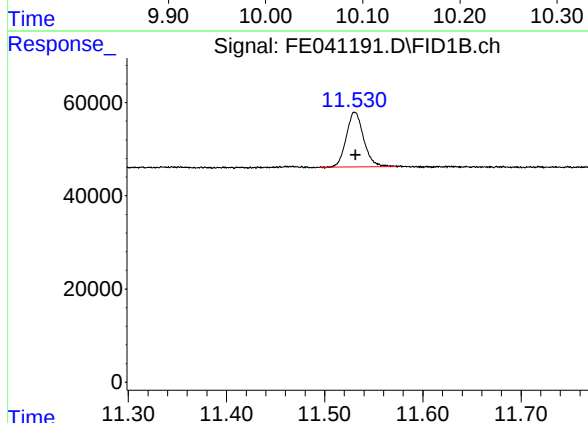
#5 N-HEXADECANE

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 134022
Conc: 0.87 ug/ml

Instrument :
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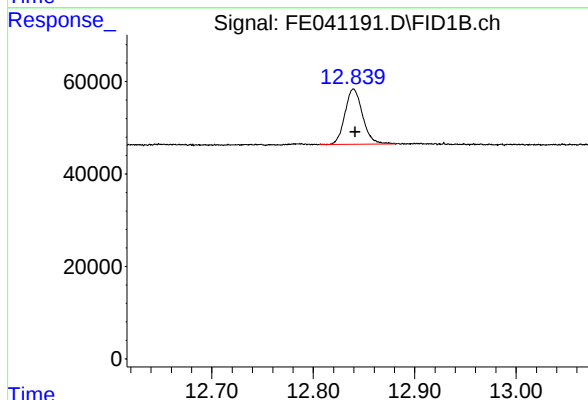
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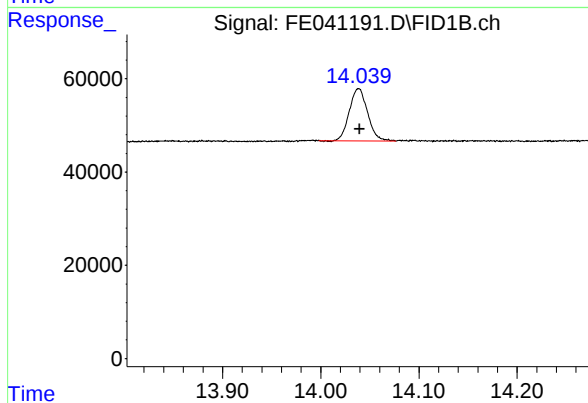
#6 N-OCTADECANE

R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 144193
Conc: 0.94 ug/ml



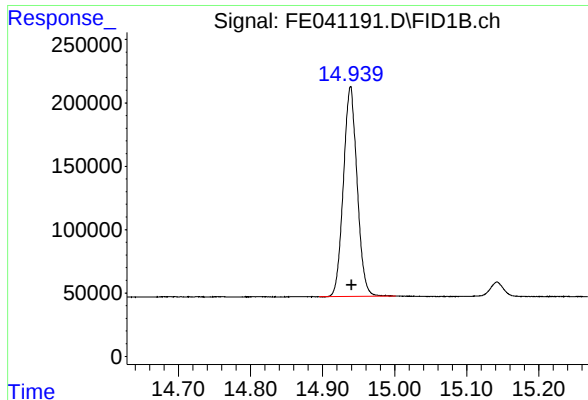
#7 N-EICOSANE

R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 144357
Conc: 0.96 ug/ml



#8 N-DOCOSANE

R.T.: 14.039 min
Delta R.T.: 0.000 min
Response: 145205
Conc: 1.00 ug/ml



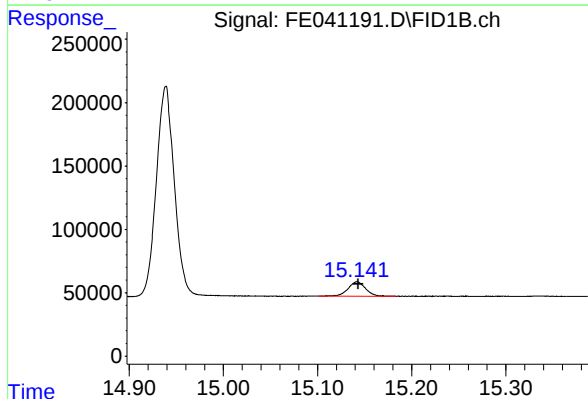
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.939 min
Delta R.T.: -0.002 min
Response: 2196022
Conc: 17.25 ug/ml

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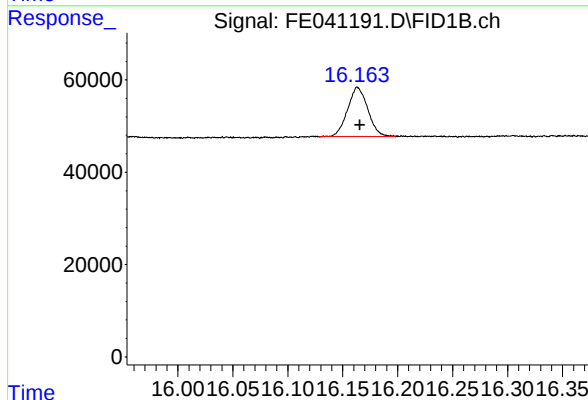
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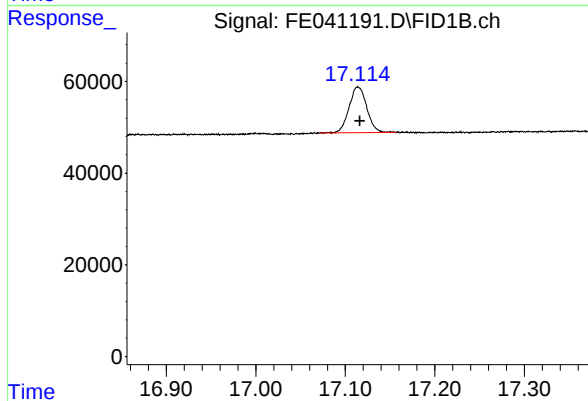
#10 N-TETRACOSANE

R.T.: 15.142 min
Delta R.T.: -0.002 min
Response: 146294
Conc: 1.02 ug/ml



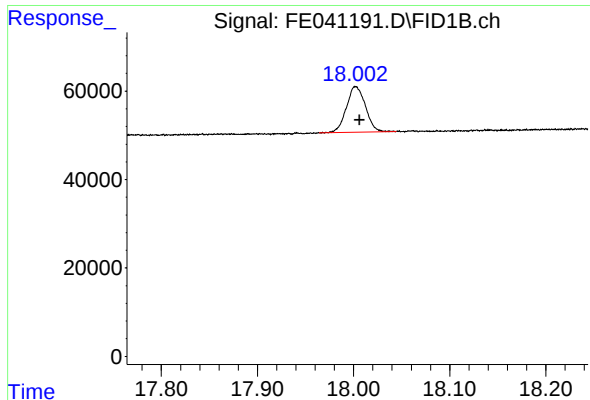
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 136559
Conc: 0.98 ug/ml



#12 N-OCTACOSANE

R.T.: 17.114 min
Delta R.T.: -0.003 min
Response: 137093
Conc: 1.00 ug/ml



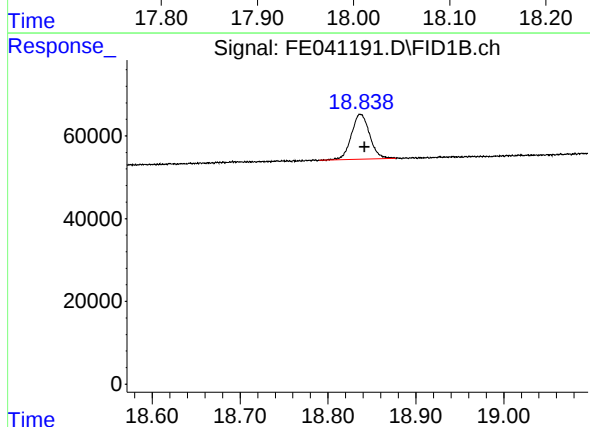
#13 N-TRIACONTANE

R.T.: 18.002 min
Delta R.T.: -0.004 min
Response: 143248
Conc: 1.05 ug/ml

Instrument :
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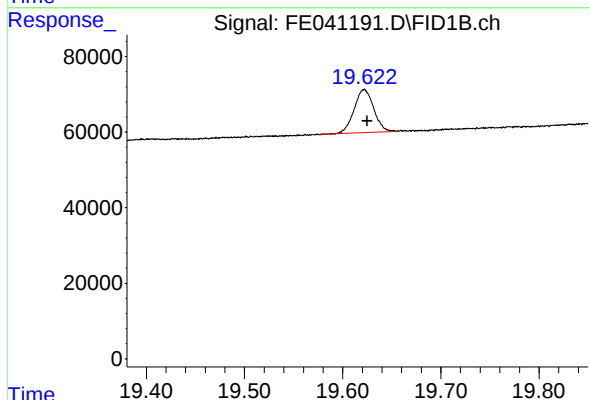
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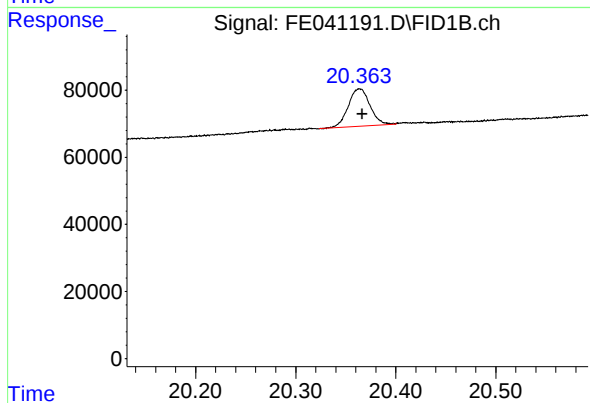
#14 N-DOTRIACONTANE

R.T.: 18.837 min
Delta R.T.: -0.004 min
Response: 156727
Conc: 1.18 ug/ml



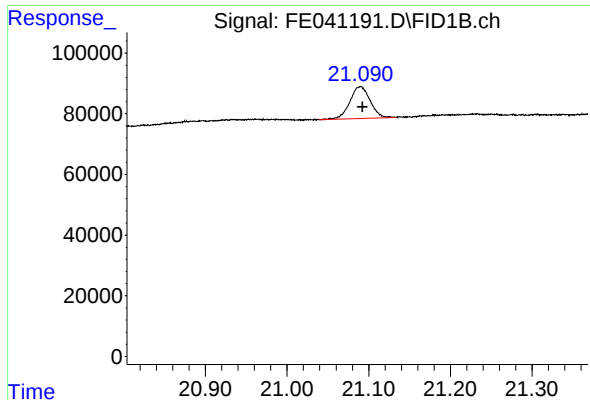
#15 N-TETRATRIACONTANE

R.T.: 19.622 min
Delta R.T.: -0.003 min
Response: 157781
Conc: 1.25 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.363 min
Delta R.T.: -0.003 min
Response: 168437
Conc: 1.40 ug/ml m



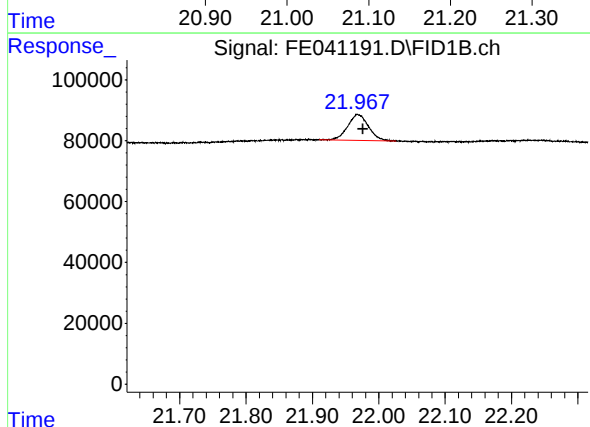
#17 N-OCTATRIACONTANE

R.T.: 21.090 min
Delta R.T.: -0.003 min
Response: 180342
Conc: 1.46 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.968 min
Delta R.T.: -0.008 min
Response: 186734
Conc: 1.44 ug/ml