

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101821\
 Data File : FG008926.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2021 18:46
 Operator : AJ\MA
 Sample : M4068-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Oct 19 00:58:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Quant Title :
 QLast Update : Fri Oct 08 03:31:08 2021
 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...	14.738	1842761	15.965 ug/ml
Target Compounds			
1) N-OCTANE	2.339	108720	0.787 ug/ml
2) N-DECANE	4.439	96749	0.693 ug/ml
3) N-DODECANE	6.465	66615	0.472 ug/ml
4) N-TETRADECANE	8.274	69183	0.491 ug/mlm
5) N-HEXADECANE	9.877	83464	0.596 ug/ml
6) N-OCTADECANE	11.321	94829	0.671 ug/ml
7) N-EICOSANE	12.633	108284	0.776 ug/ml
8) N-DOCOSANE	13.835	111178	0.824 ug/ml
10) N-TETRACOSANE	14.942	107790	0.821 ug/ml
11) N-HEXACOSANE	15.967	105145	0.840 ug/ml
12) N-OCTACOSANE	16.919	118942	0.998 ug/ml
13) N-TRIACONTANE	17.811	180050	1.587 ug/ml
14) N-DOTRIACONTANE	18.644	219465	2.069 ug/ml
15) N-TETRATRIACONTANE	19.430	157992	1.586 ug/ml
16) N-HEXATRIACONTANE	20.172	121174	1.312 ug/mlm
17) N-OCTATRIACONTANE	20.926	80902	0.922 ug/ml
18) N-TETRACONTANE	21.901	125012	1.404 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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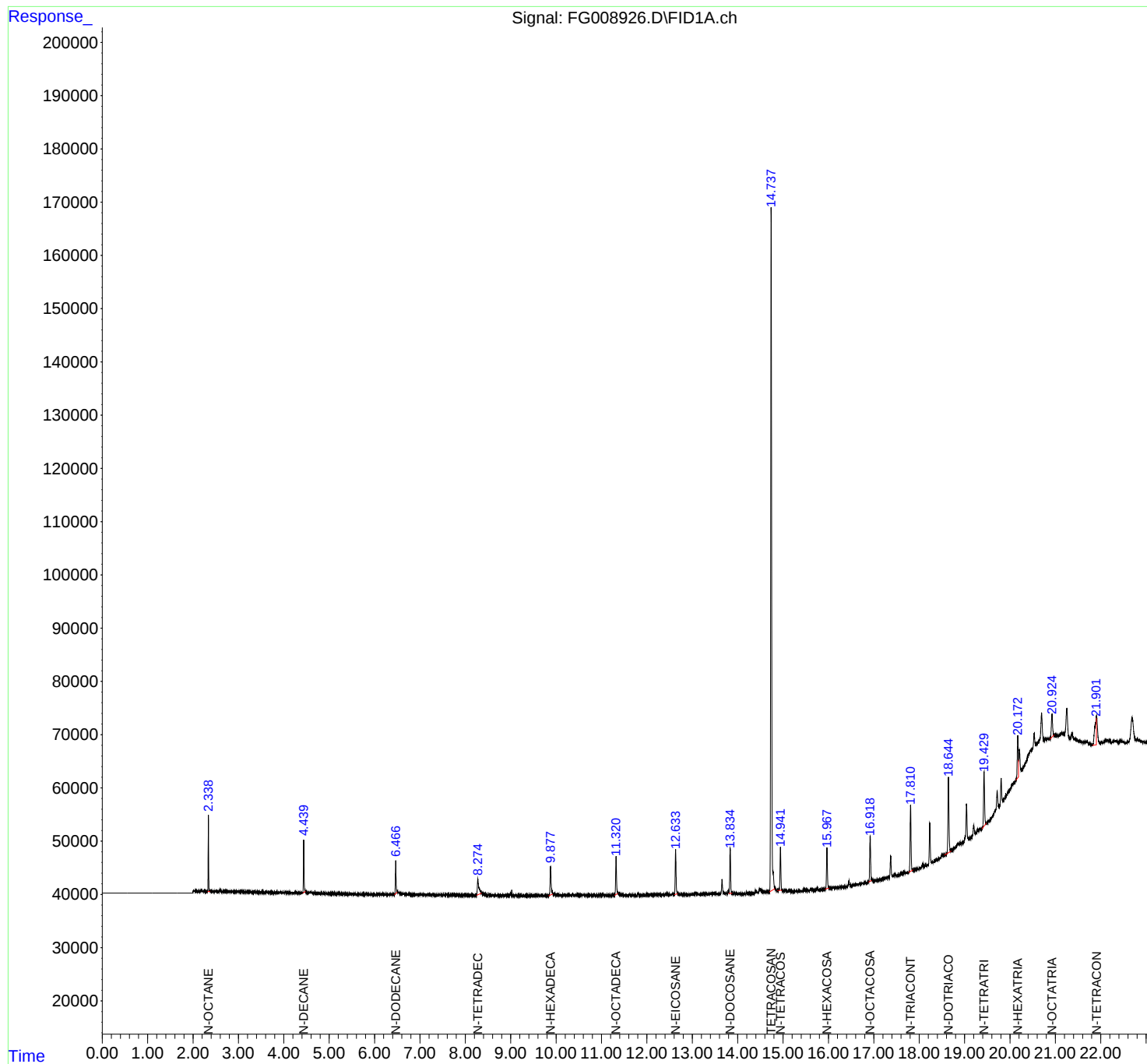
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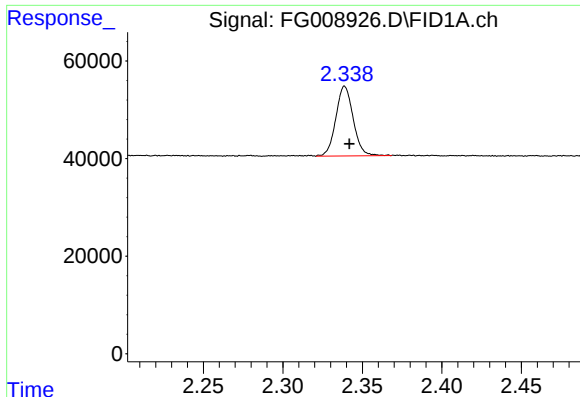
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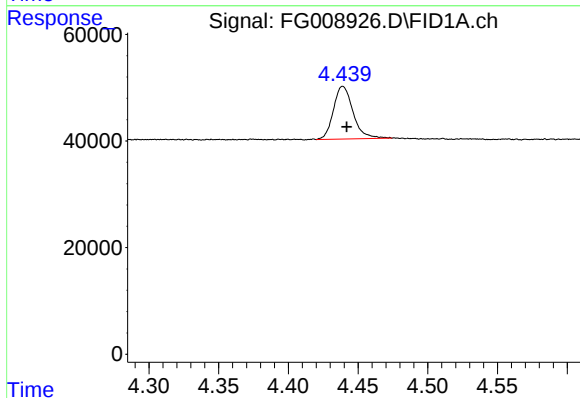
#1 N-OCTANE

R.T.: 2.339 min
Delta R.T.: -0.003 min
Response: 108720
Conc: 0.79 ug/ml

Instrument :
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LOD-MDL-SOIL-04-QT4-2021

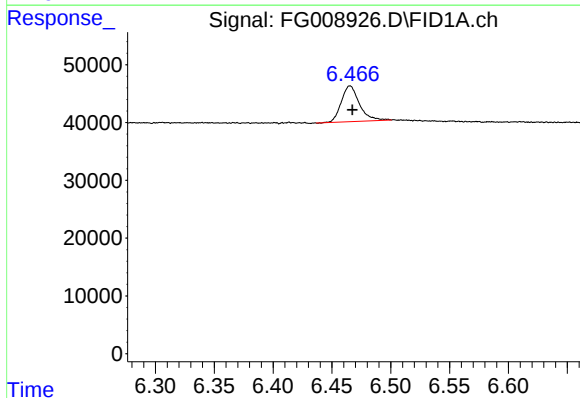
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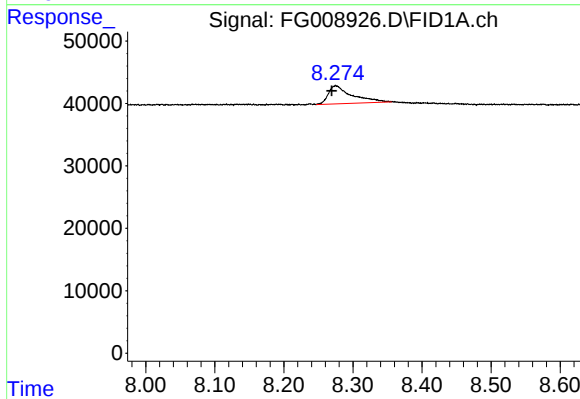
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: -0.003 min
Response: 96749
Conc: 0.69 ug/ml



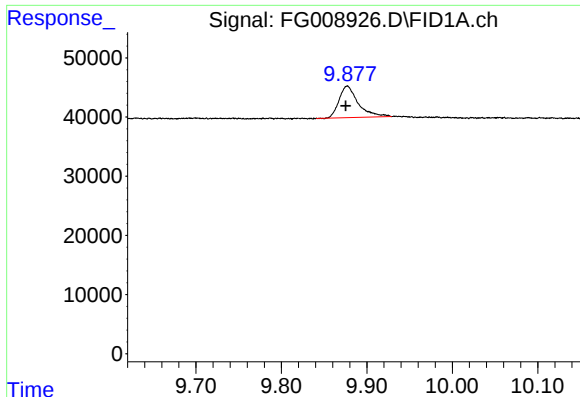
#3 N-DODECANE

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 66615
Conc: 0.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.274 min
Delta R.T.: 0.005 min
Response: 69183
Conc: 0.49 ug/ml m



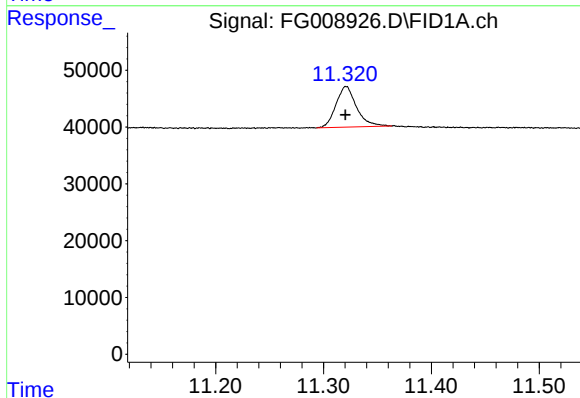
#5 N-HEXADECANE

R.T.: 9.877 min
Delta R.T.: 0.002 min
Response: 83464
Conc: 0.60 ug/ml

Instrument :
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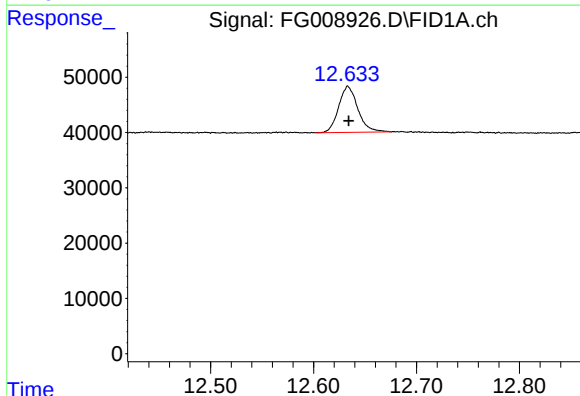
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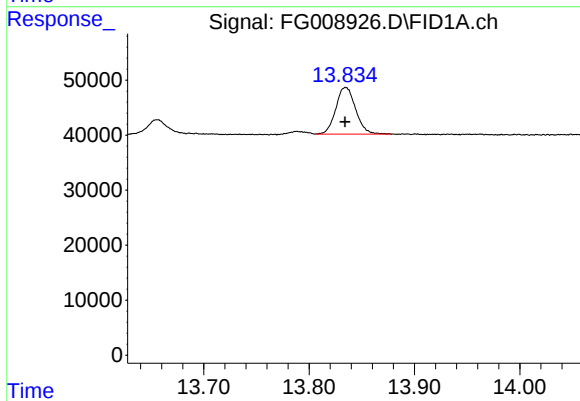
#6 N-OCTADECANE

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 94829
Conc: 0.67 ug/ml



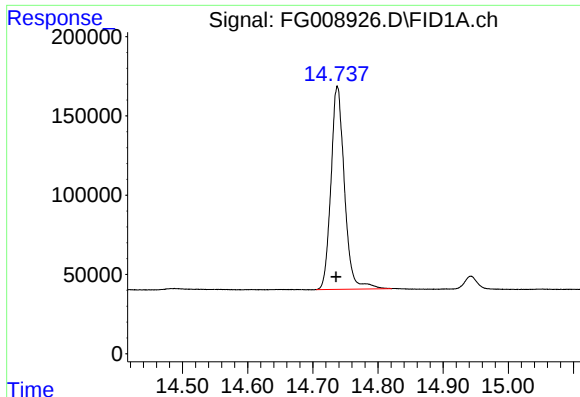
#7 N-EICOSANE

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 108284
Conc: 0.78 ug/ml



#8 N-DOCOSANE

R.T.: 13.835 min
Delta R.T.: 0.000 min
Response: 111178
Conc: 0.82 ug/ml



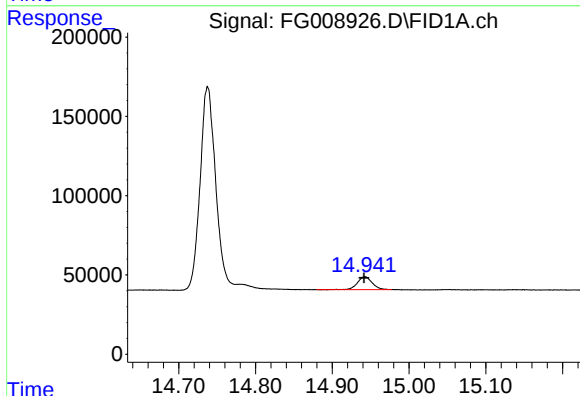
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.738 min
Delta R.T.: 0.002 min
Response: 1842761
Conc: 15.96 ug/ml

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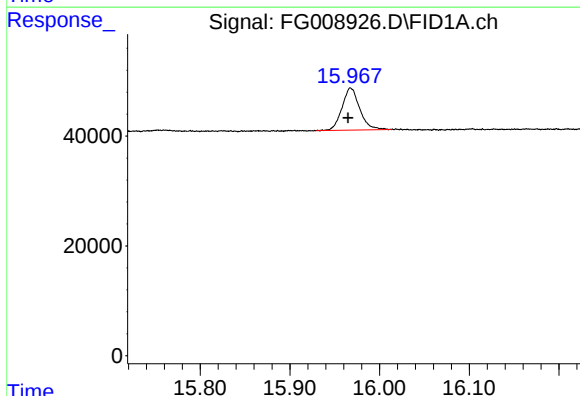
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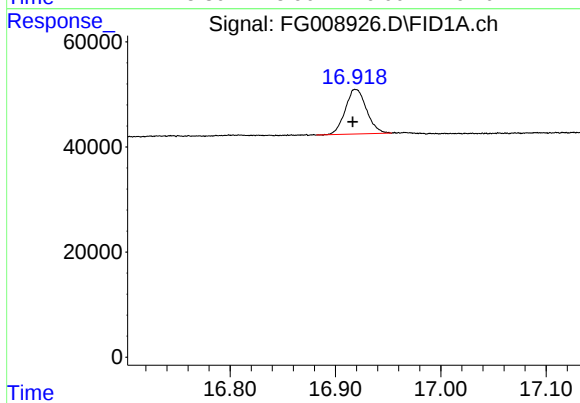
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: 0.001 min
Response: 107790
Conc: 0.82 ug/ml



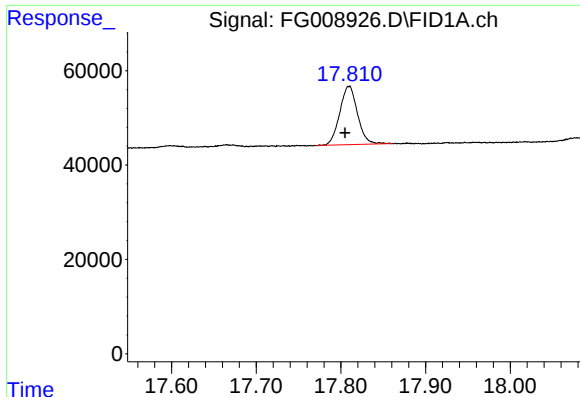
#11 N-HEXACOSANE

R.T.: 15.967 min
Delta R.T.: 0.003 min
Response: 105145
Conc: 0.84 ug/ml



#12 N-OCTACOSANE

R.T.: 16.919 min
Delta R.T.: 0.003 min
Response: 118942
Conc: 1.00 ug/ml



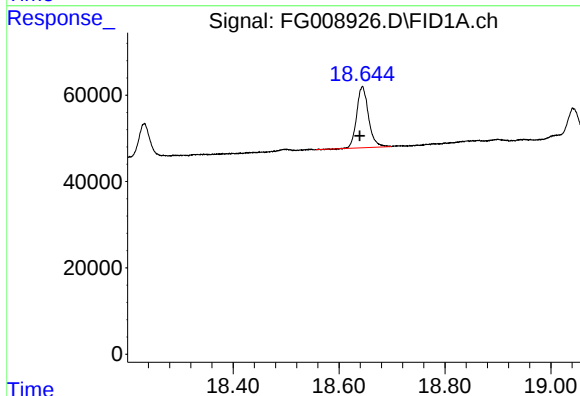
#13 N-TRIACONTANE

R.T.: 17.811 min
Delta R.T.: 0.006 min
Response: 180050
Conc: 1.59 ug/ml

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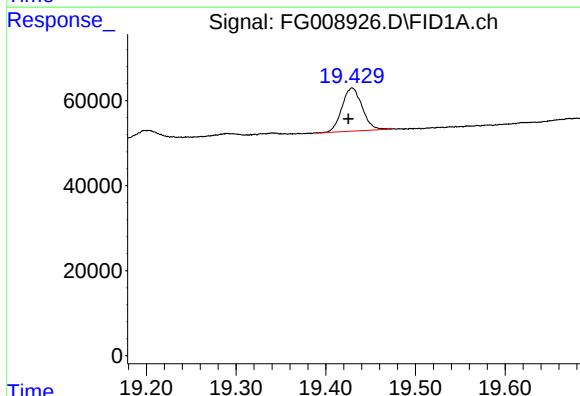
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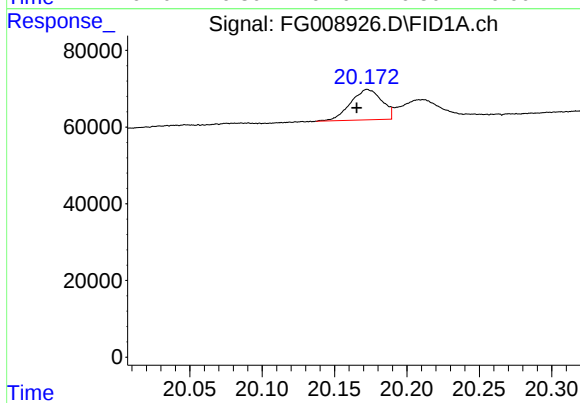
#14 N-DOTRIACONTANE

R.T.: 18.644 min
Delta R.T.: 0.005 min
Response: 219465
Conc: 2.07 ug/ml



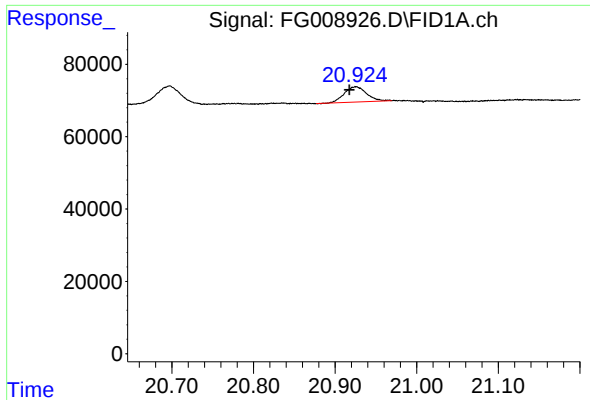
#15 N-TETRATRIACONTANE

R.T.: 19.430 min
Delta R.T.: 0.004 min
Response: 157992
Conc: 1.59 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.172 min
Delta R.T.: 0.007 min
Response: 121174
Conc: 1.31 ug/ml m



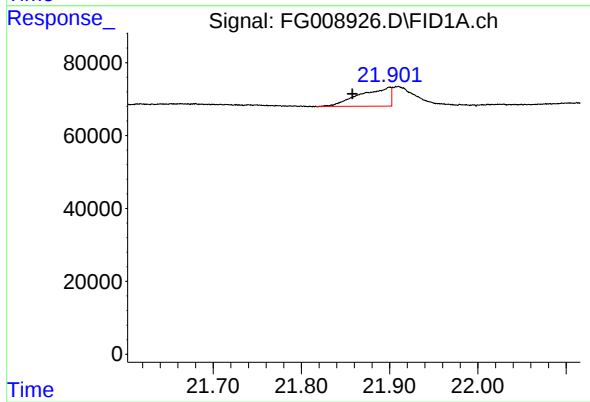
#17 N-OCTATRIACONTANE

R.T.: 20.926 min
Delta R.T.: 0.008 min
Response: 80902
Conc: 0.92 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.901 min
Delta R.T.: 0.043 min
Response: 125012
Conc: 1.40 ug/ml m