

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080823\
 Data File : FF013144.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 09:49
 Operator : YP\AJ
 Sample : 03572-04
 Misc : TPH GC LOD 1 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 08/09/2023
 Supervised By :Ankita
 Jodhani
 08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 02:09:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080223.M
 Quant Title :
 QLast Update : Wed Aug 02 19:16:13 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...	14.987	1965062	18.231 ug/ml
Target Compounds			
1) N-OCTANE	2.014	97010	0.858 ug/ml
2) N-DECANE	4.540	110622	0.951 ug/ml
3) N-DODECANE	6.703	113425	0.968 ug/ml
4) N-TETRADECANE	8.528	119928	1.018 ug/ml
5) N-HEXADECANE	10.136	118031	0.989 ug/ml
6) N-OCTADECANE	11.578	120308	0.990 ug/ml
7) N-EICOSANE	12.888	119583	0.989 ug/ml
8) N-DOCOSANE	14.086	119166	0.988 ug/ml
10) N-TETRACOSANE	15.189	121773	0.995 ug/ml
11) N-HEXACOSANE	16.209	122458	0.983 ug/ml
12) N-OCTACOSANE	17.158	133251	1.078 ug/ml
13) N-TRIACONTANE	18.043	162088	1.335 ug/ml
14) N-DOTRIACONTANE	18.877	178096	1.581 ug/ml
15) N-TETRATRIACONTANE	19.660	149607	1.502 ug/ml
16) N-HEXATRIACONTANE	20.398	114044	1.276 ug/ml
17) N-OCTATRIACONTANE	21.130	91496	1.166 ug/ml
18) N-TETRACONTANE	22.029	82399	1.093 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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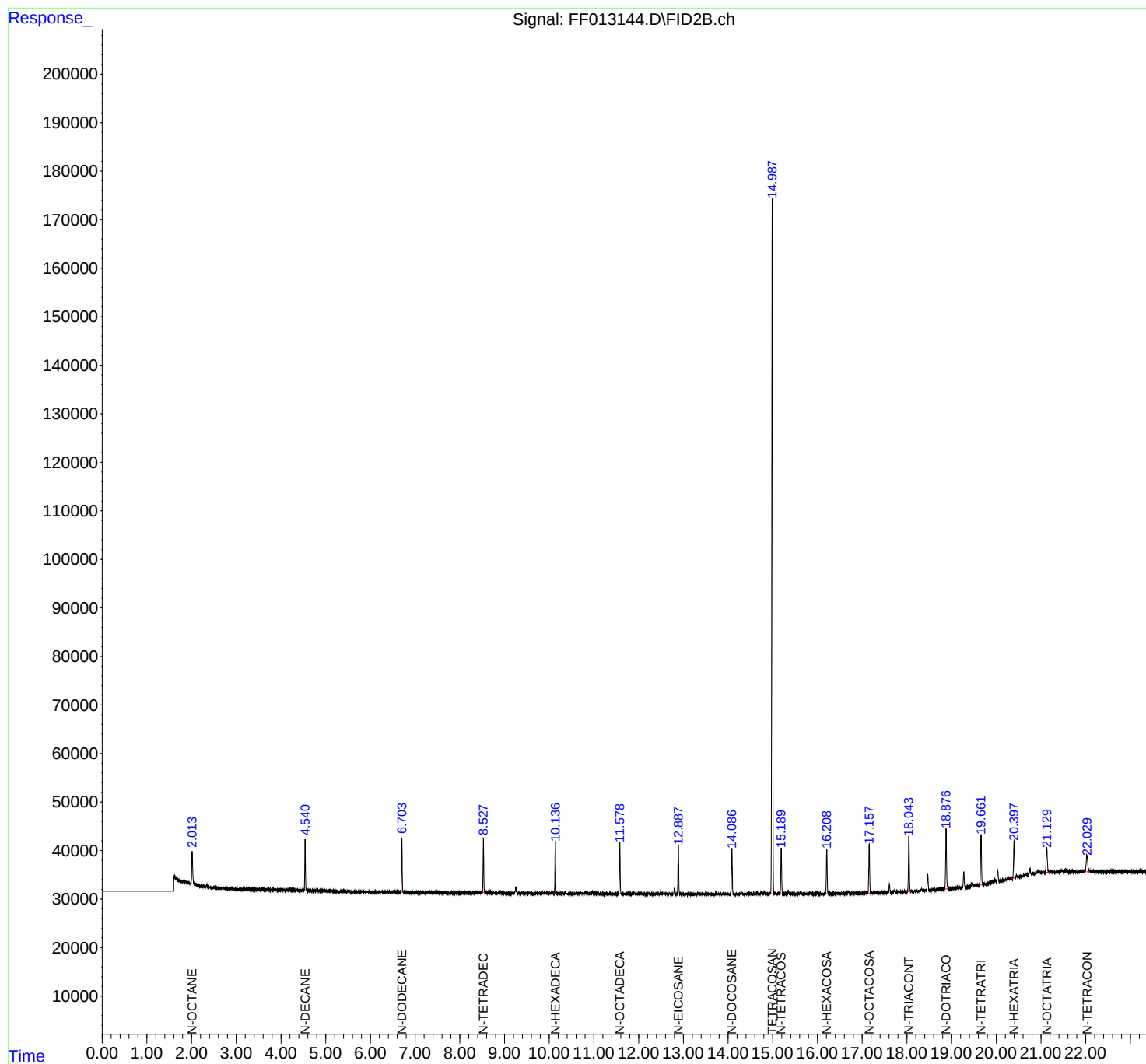
Supervised By :Ankita

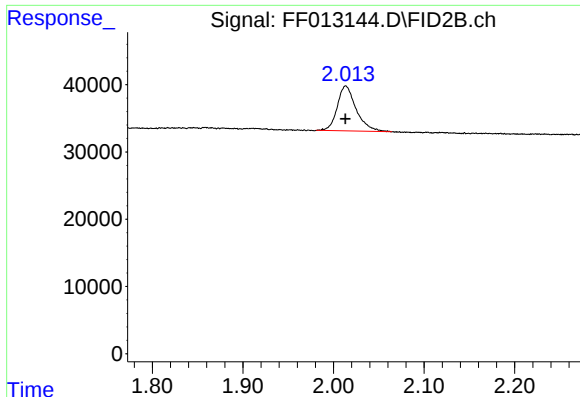
Jodhani

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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.014 min
Delta R.T.: 0.000 min
Response: 97010
Conc: 0.86 ug/ml

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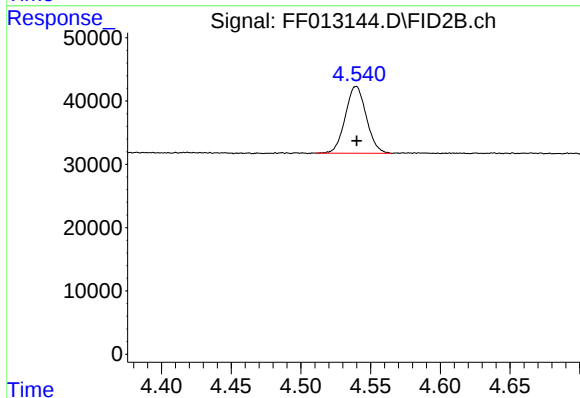
Reviewed By :Yogesh
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Supervised By :Ankita

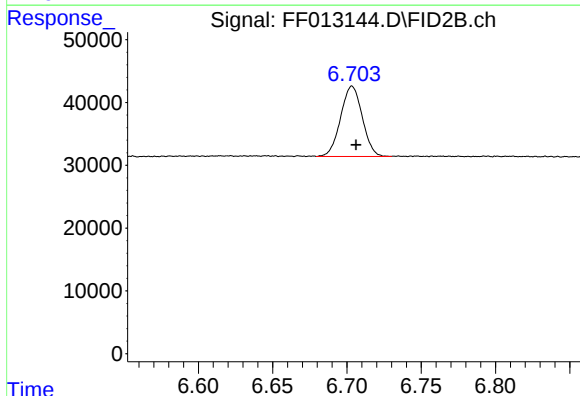
Jodhani

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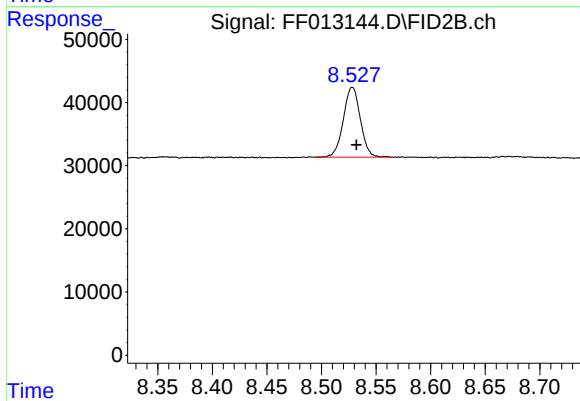
#2 N-DECANE

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 110622
Conc: 0.95 ug/ml



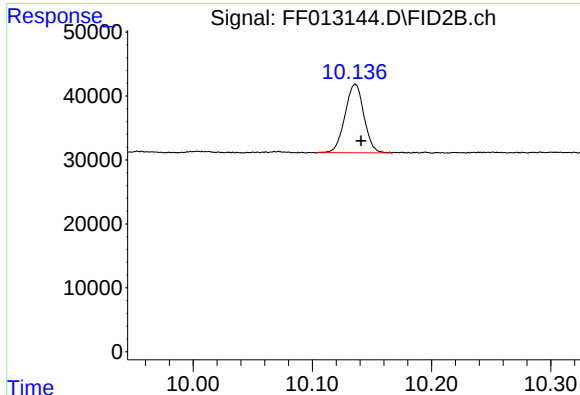
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.003 min
Response: 113425
Conc: 0.97 ug/ml



#4 N-TETRADECANE

R.T.: 8.528 min
Delta R.T.: -0.004 min
Response: 119928
Conc: 1.02 ug/ml



#5 N-HEXADECANE

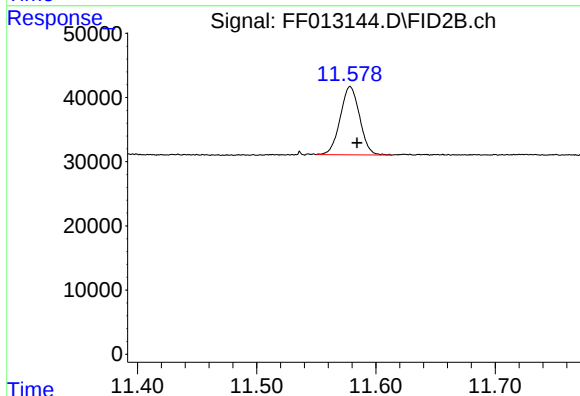
R.T.: 10.136 min
Delta R.T.: -0.005 min
Response: 118031
Conc: 0.99 ug/ml

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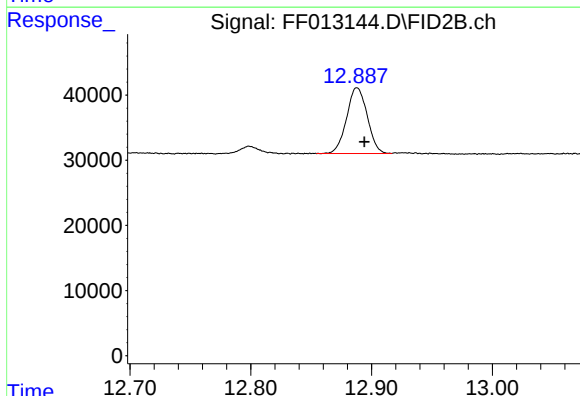
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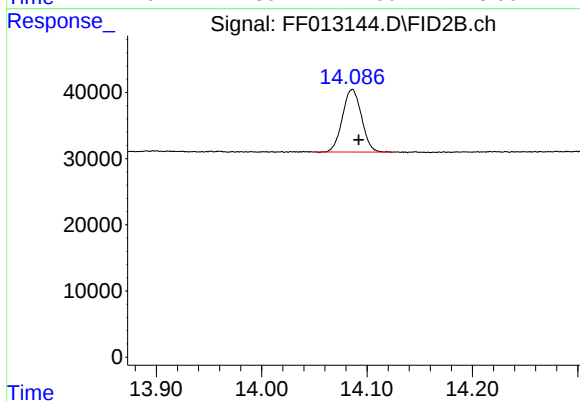
#6 N-OCTADECANE

R.T.: 11.578 min
Delta R.T.: -0.006 min
Response: 120308
Conc: 0.99 ug/ml



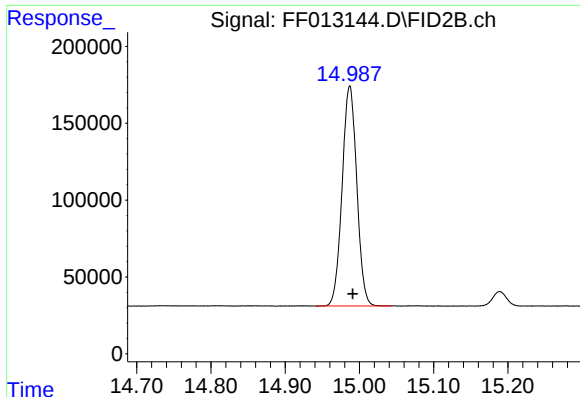
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 119583
Conc: 0.99 ug/ml



#8 N-DOCOSANE

R.T.: 14.086 min
Delta R.T.: -0.006 min
Response: 119166
Conc: 0.99 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

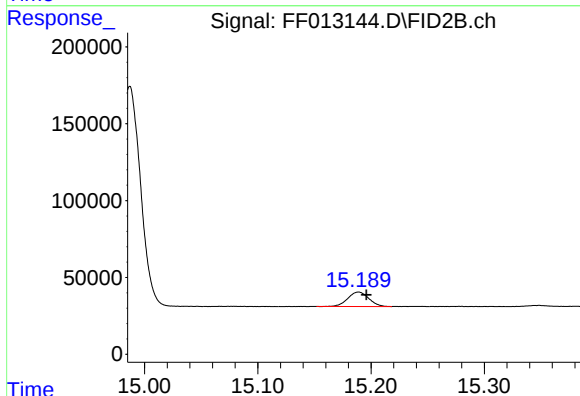
R.T.: 14.987 min
Delta R.T.: -0.004 min
Response: 1965062
Conc: 18.23 ug/ml

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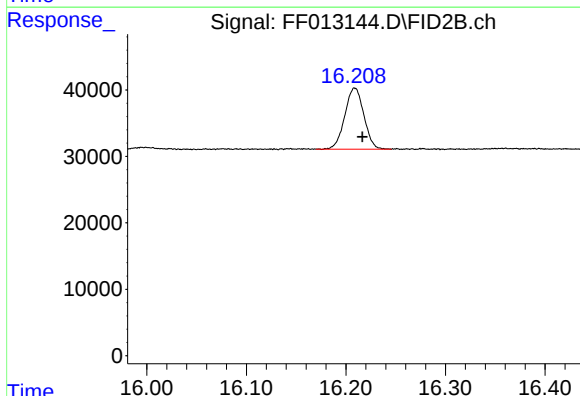
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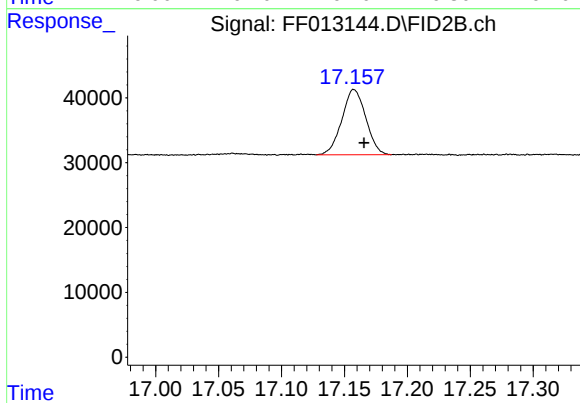
#10 N-TETRACOSANE

R.T.: 15.189 min
Delta R.T.: -0.007 min
Response: 121773
Conc: 0.99 ug/ml



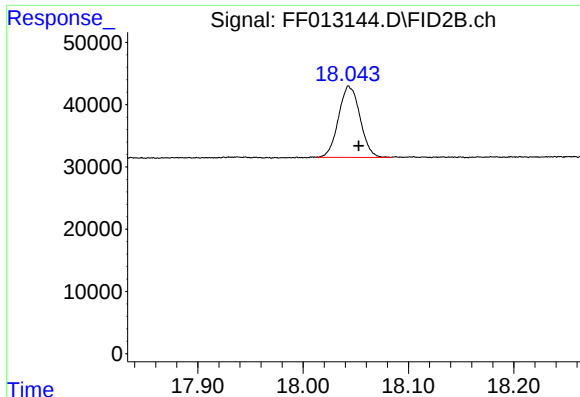
#11 N-HEXACOSANE

R.T.: 16.209 min
Delta R.T.: -0.008 min
Response: 122458
Conc: 0.98 ug/ml



#12 N-OCTACOSANE

R.T.: 17.158 min
Delta R.T.: -0.008 min
Response: 133251
Conc: 1.08 ug/ml



#13 N-TRIACONTANE

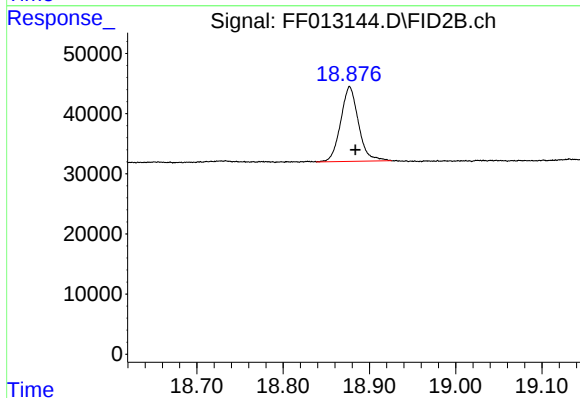
R.T.: 18.043 min
Delta R.T.: -0.009 min
Response: 162088
Conc: 1.33 ug/ml

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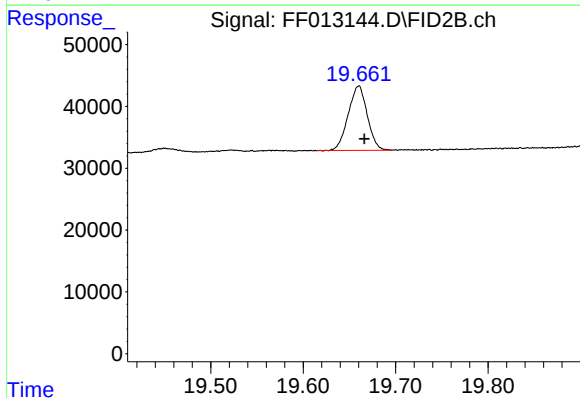
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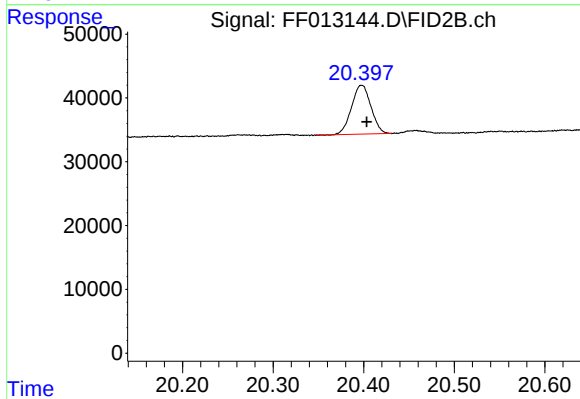
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.007 min
Response: 178096
Conc: 1.58 ug/ml



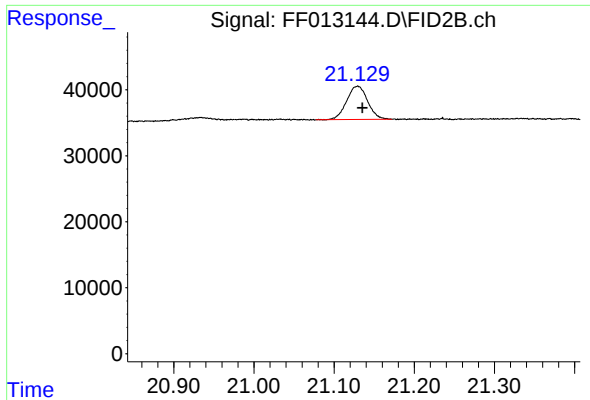
#15 N-TETRATRIACONTANE

R.T.: 19.660 min
Delta R.T.: -0.006 min
Response: 149607
Conc: 1.50 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.006 min
Response: 114044
Conc: 1.28 ug/ml



#17 N-OCTATRIACONTANE

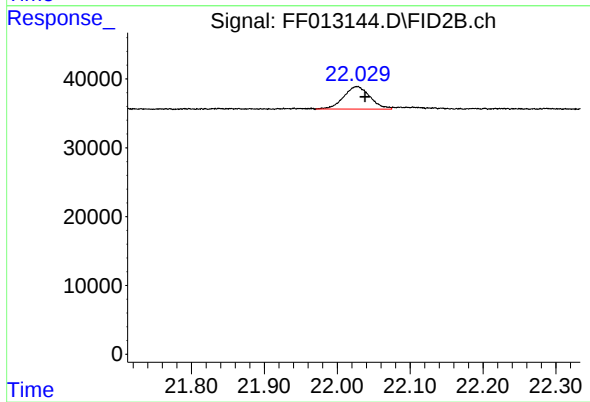
R.T.: 21.130 min
Delta R.T.: -0.006 min
Response: 91496
Conc: 1.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.029 min
Delta R.T.: -0.010 min
Response: 82399
Conc: 1.09 ug/ml m