

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082725\
 Data File : FF016238.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 12:09
 Operator : YP\AJ
 Sample : Q2893-12
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-06-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File: autoint1.e
 Quant Time: Aug 28 02:32:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 2025
 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...	15.078	2331202	20.885 ug/ml
Target Compounds			
1) N-OCTANE	2.059	123140	1.082 ug/ml
2) N-DECANE	4.595	133016	1.143 ug/ml
3) N-DODECANE	6.773	129355	1.095 ug/ml
4) N-TETRADECANE	8.607	140190	1.160 ug/ml
5) N-HEXADECANE	10.217	142476	1.172 ug/ml
6) N-OCTADECANE	11.662	153158	1.224 ug/ml
7) N-EICOSANE	12.974	161633	1.249 ug/ml
8) N-DOCOSANE	14.175	160469	1.269 ug/ml
10) N-TETRACOSANE	15.281	172182	1.359 ug/mlm
11) N-HEXACOSANE	16.305	164247	1.327 ug/ml
12) N-OCTACOSANE	17.257	189930	1.517 ug/ml
13) N-TRIACONTANE	18.146	248378	1.944 ug/ml
14) N-DOTRIACONTANE	18.981	282380	2.269 ug/ml
15) N-TETRATRIACONTANE	19.768	233707	2.088 ug/ml
16) N-HEXATRIACONTANE	20.510	168487	1.831 ug/ml
17) N-OCTATRIACONTANE	21.270	127420	1.668 ug/ml
18) N-TETRACONTANE	22.224	94943	1.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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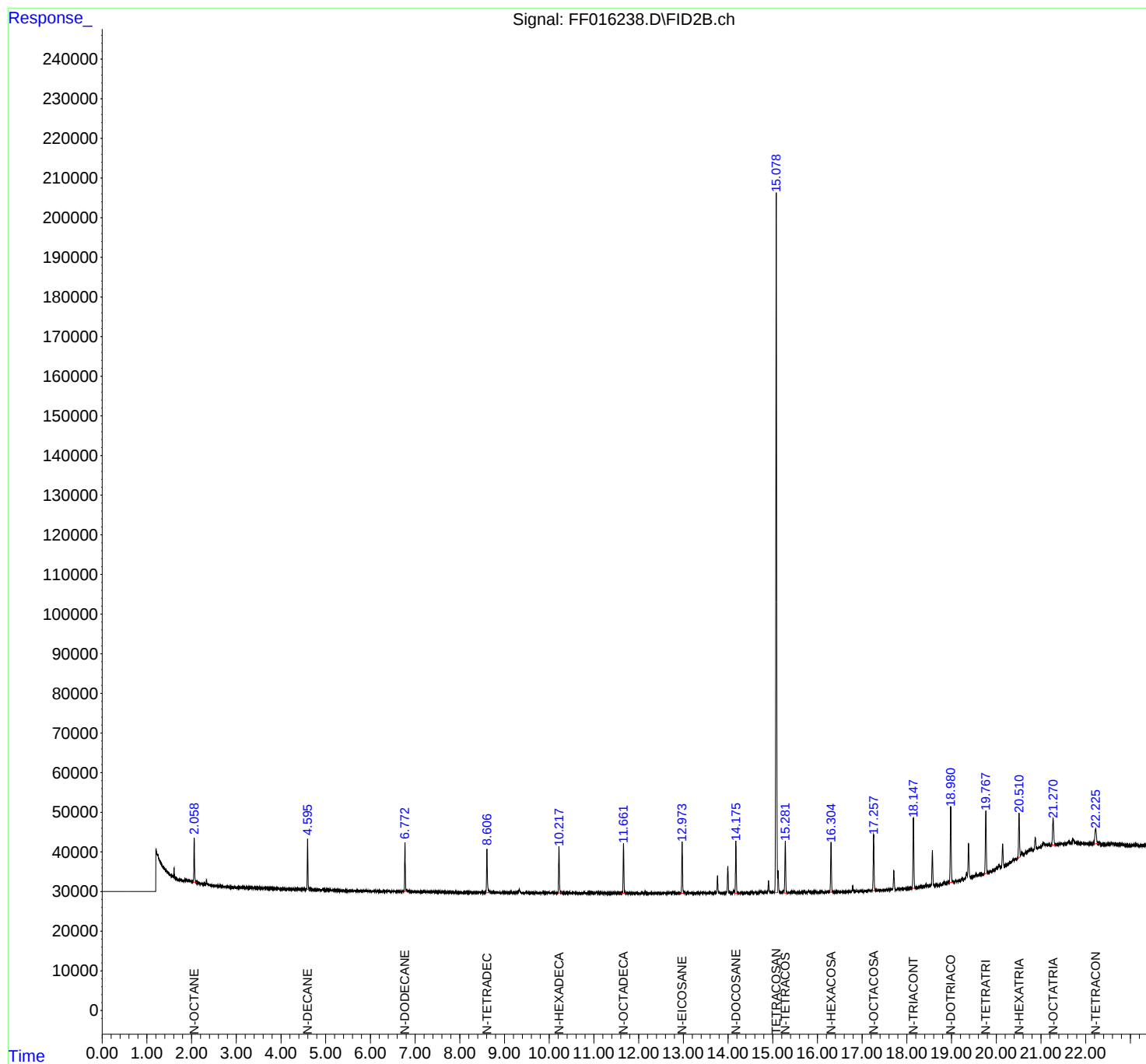
Instrument :
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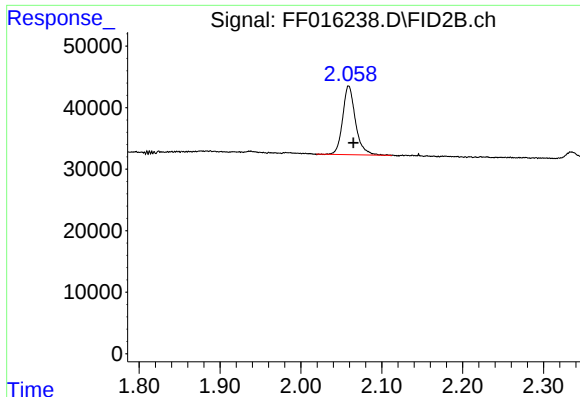
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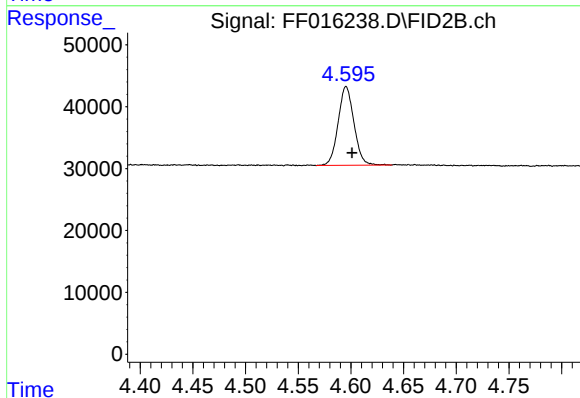
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: -0.006 min
Response: 123140
Conc: 1.08 ug/ml

Instrument :
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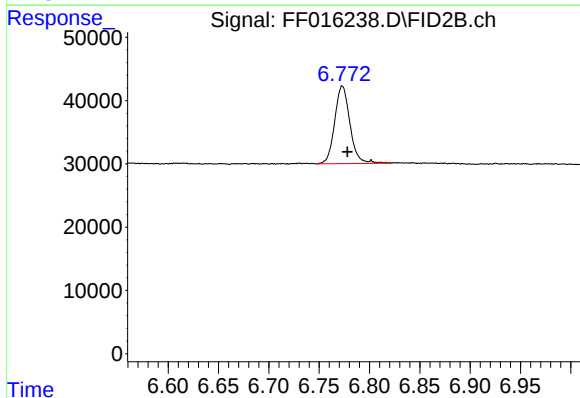
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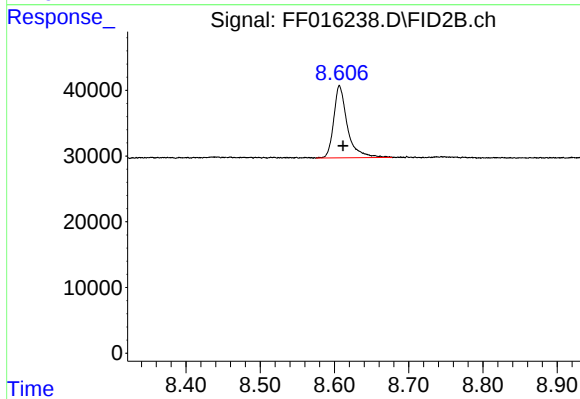
#2 N-DECANE

R.T.: 4.595 min
Delta R.T.: -0.006 min
Response: 133016
Conc: 1.14 ug/ml



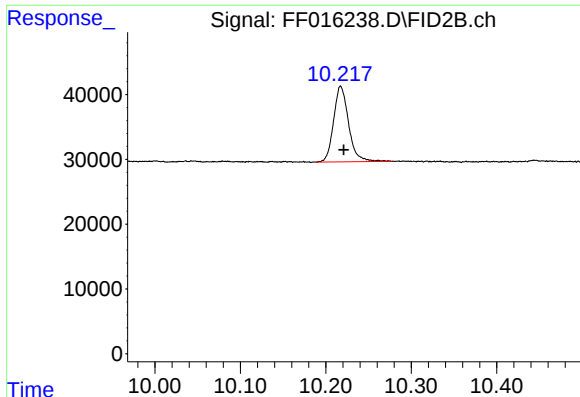
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 129355
Conc: 1.10 ug/ml



#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: -0.005 min
Response: 140190
Conc: 1.16 ug/ml



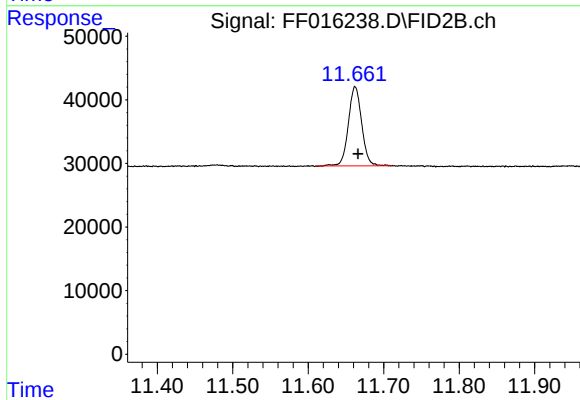
#5 N-HEXADECANE

R.T.: 10.217 min
Delta R.T.: -0.003 min
Response: 142476
Conc: 1.17 ug/ml

Instrument : FID_F
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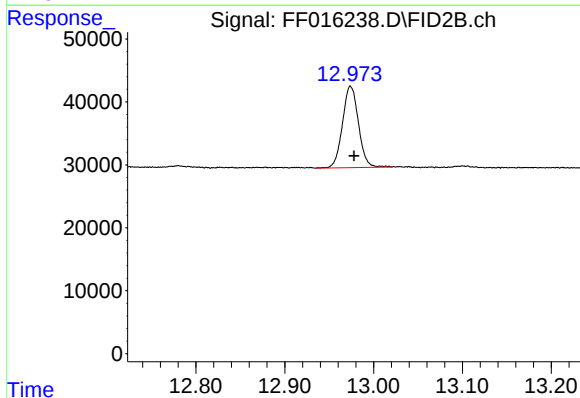
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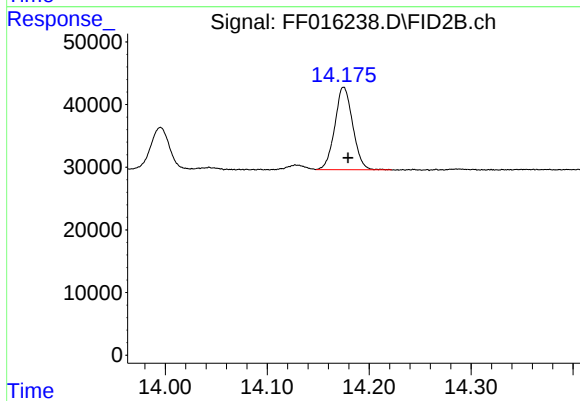
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.004 min
Response: 153158
Conc: 1.22 ug/ml



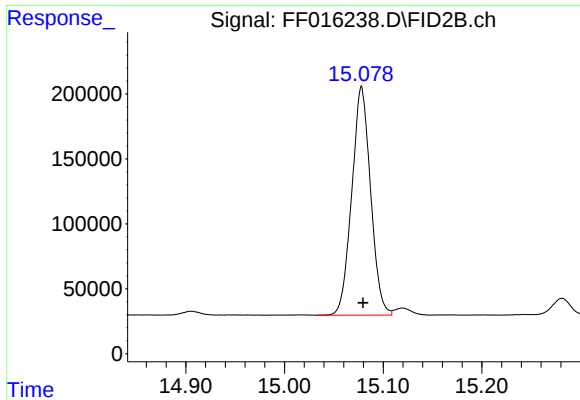
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.004 min
Response: 161633
Conc: 1.25 ug/ml



#8 N-DOCOSANE

R.T.: 14.175 min
Delta R.T.: -0.004 min
Response: 160469
Conc: 1.27 ug/ml



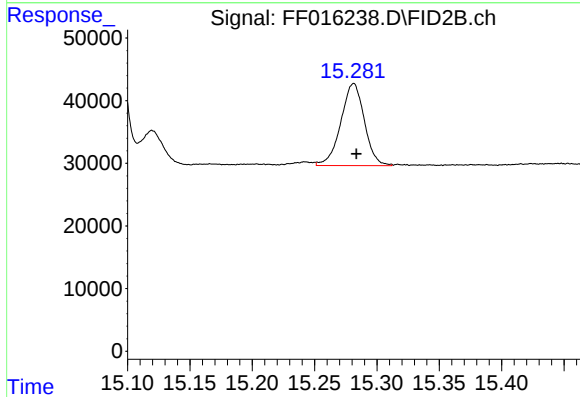
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min
Delta R.T.: -0.002 min
Response: 2331202
Conc: 20.88 ug/ml

Instrument :
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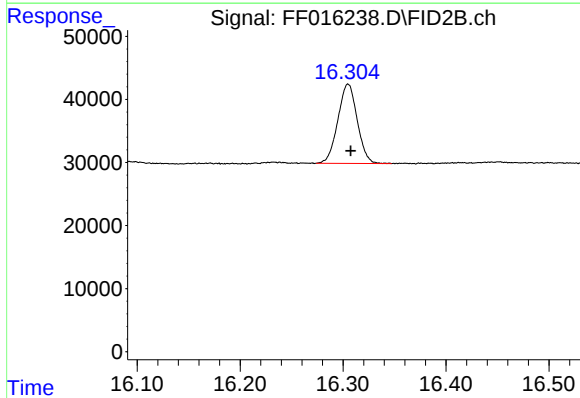
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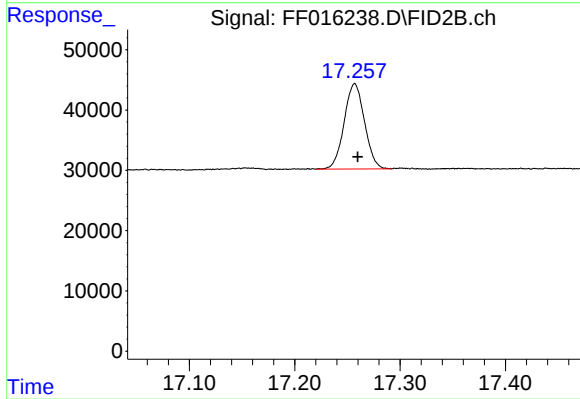
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.002 min
Response: 172182
Conc: 1.36 ug/ml m



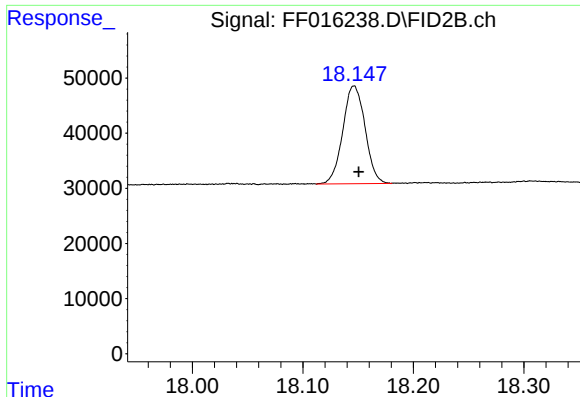
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.003 min
Response: 164247
Conc: 1.33 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: -0.003 min
Response: 189930
Conc: 1.52 ug/ml



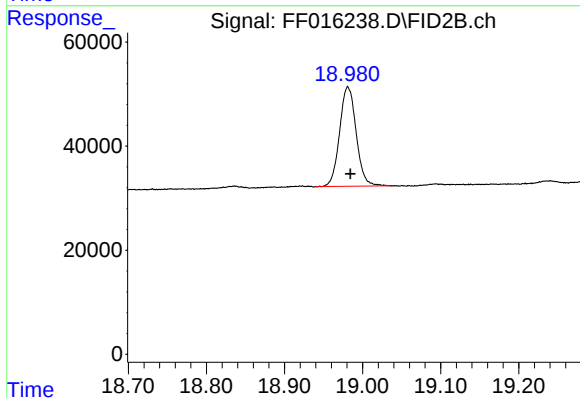
#13 N-TRIACONTANE

R.T.: 18.146 min
Delta R.T.: -0.004 min
Response: 248378
Conc: 1.94 ug/ml

Instrument :
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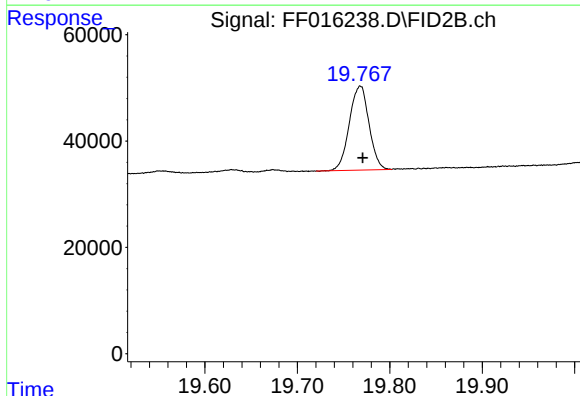
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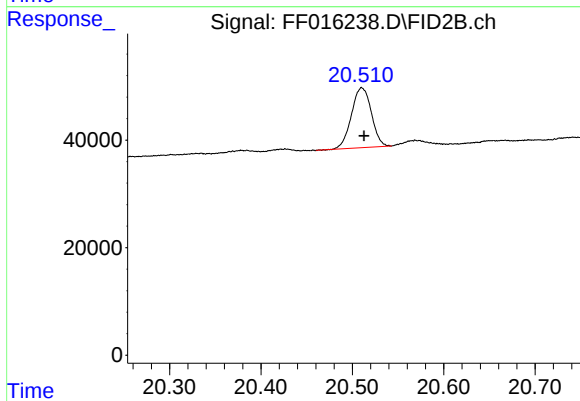
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.003 min
Response: 282380
Conc: 2.27 ug/ml



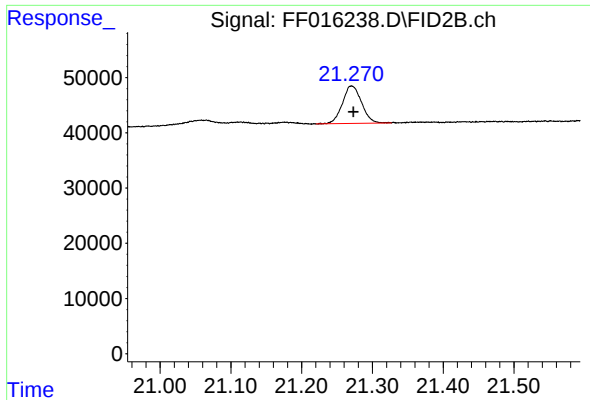
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: -0.002 min
Response: 233707
Conc: 2.09 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
Delta R.T.: -0.002 min
Response: 168487
Conc: 1.83 ug/ml



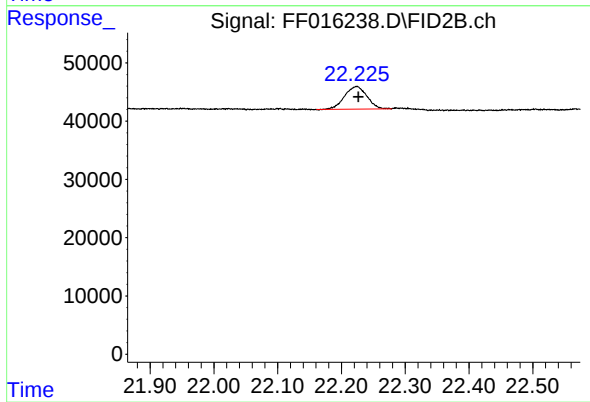
#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: -0.003 min
Response: 127420
Conc: 1.67 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.224 min
Delta R.T.: -0.003 min
Response: 94943
Conc: 1.45 ug/ml