

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015139.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 18:04
 Operator : YP\AJ
 Sample : Q1168-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 04:06:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Mon Jan 13 11:52:01 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...	15.045	2073761	16.167 ug/ml
Target Compounds			
1) N-OCTANE	2.010	258267	2.117 ug/ml
2) N-DECANE	4.542	290475	2.249 ug/ml
3) N-DODECANE	6.722	301903	2.216 ug/ml
4) N-TETRADECANE	8.558	309640	2.262 ug/ml
5) N-HEXADECANE	10.172	315981	2.239 ug/ml
6) N-OCTADECANE	11.622	323674	2.207 ug/ml
7) N-EICOSANE	12.937	324383	2.231 ug/ml
8) N-DOCOSANE	14.141	312134	2.176 ug/ml
10) N-TETRACOSANE	15.249	307744	2.155 ug/ml
11) N-HEXACOSANE	16.274	302882	2.151 ug/ml
12) N-OCTACOSANE	17.227	299992	2.142 ug/ml
13) N-TRIACONTANE	18.117	310705	2.184 ug/ml
14) N-DOTRIACONTANE	18.952	304223	2.189 ug/ml
15) N-TETRATRIACONTANE	19.737	274522	2.191 ug/ml
16) N-HEXATRIACONTANE	20.478	229146	2.121 ug/ml
17) N-OCTATRIACONTANE	21.230	198449	2.012 ug/mlm
18) N-TETRACONTANE	22.167	172622	1.859 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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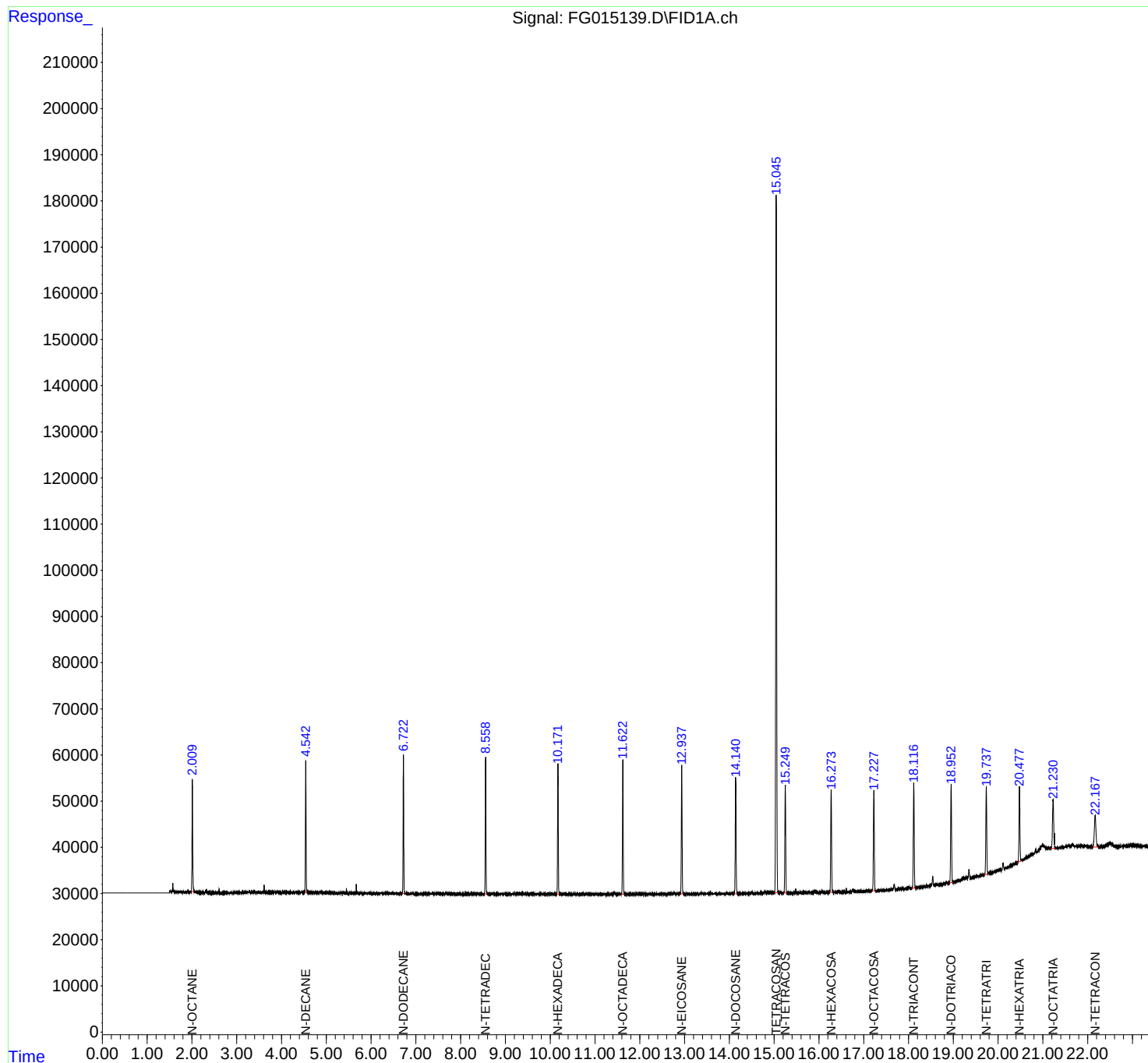
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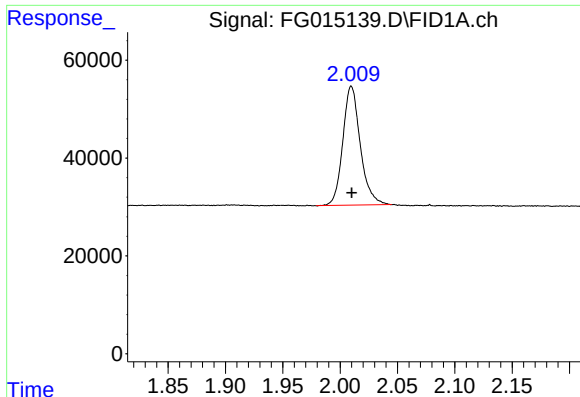
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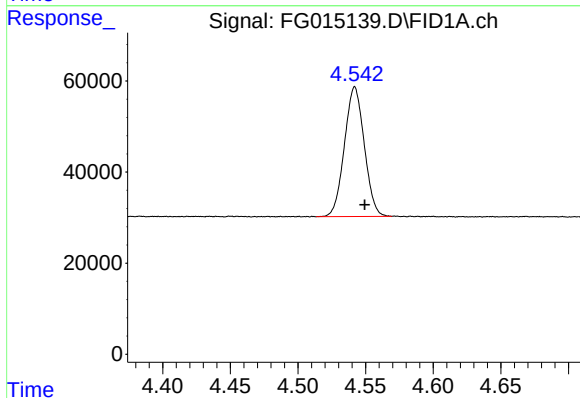
#1 N-OCTANE

R.T.: 2.010 min
Delta R.T.: 0.000 min
Response: 258267
Conc: 2.12 ug/ml

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ClientSampleId : LOD-MDL-SOIL-04-QT1-2025

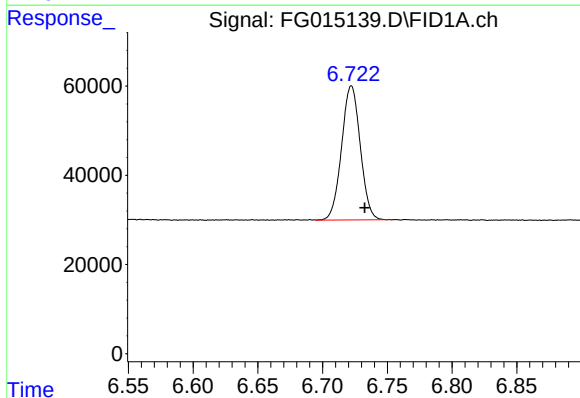
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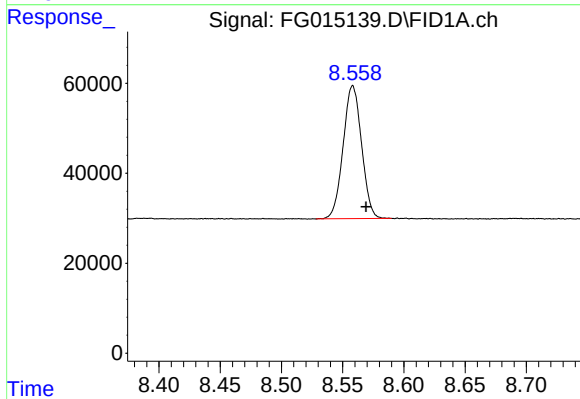
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 290475
Conc: 2.25 ug/ml



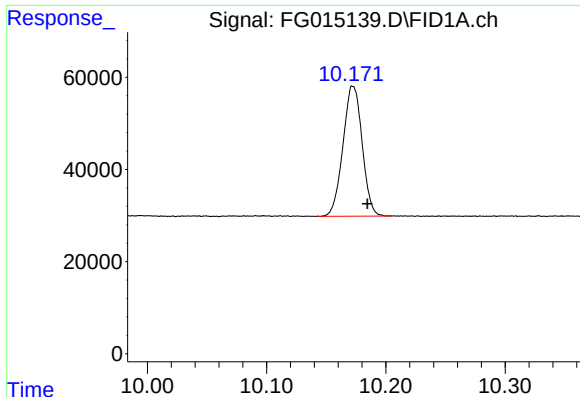
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 301903
Conc: 2.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.011 min
Response: 309640
Conc: 2.26 ug/ml



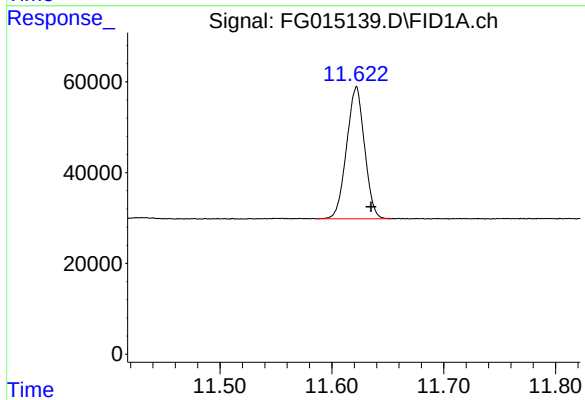
#5 N-HEXADECANE

R.T.: 10.172 min
Delta R.T.: -0.012 min
Response: 315981
Conc: 2.24 ug/ml

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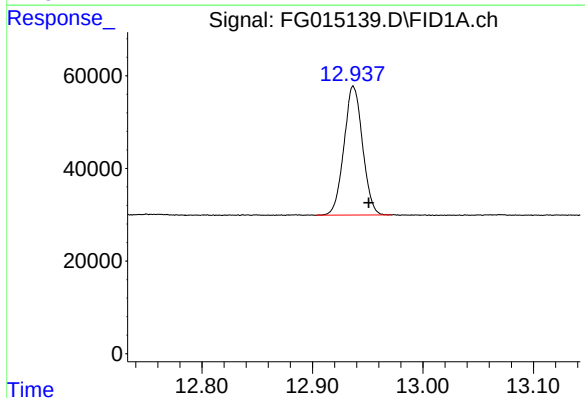
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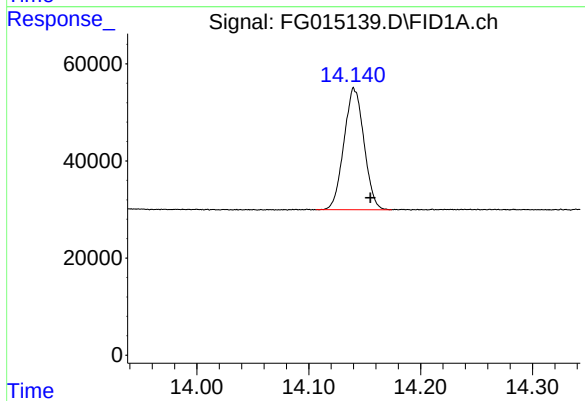
#6 N-OCTADECANE

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 323674
Conc: 2.21 ug/ml



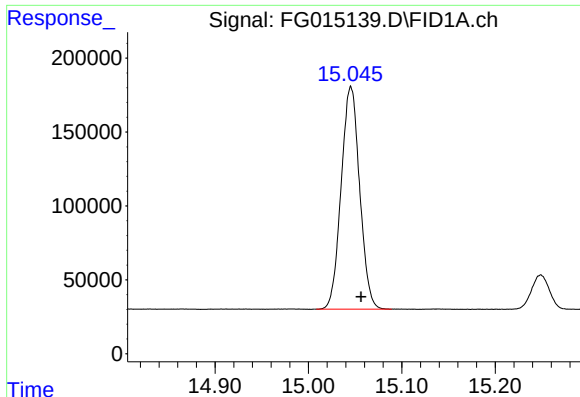
#7 N-EICOSANE

R.T.: 12.937 min
Delta R.T.: -0.014 min
Response: 324383
Conc: 2.23 ug/ml



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: -0.015 min
Response: 312134
Conc: 2.18 ug/ml



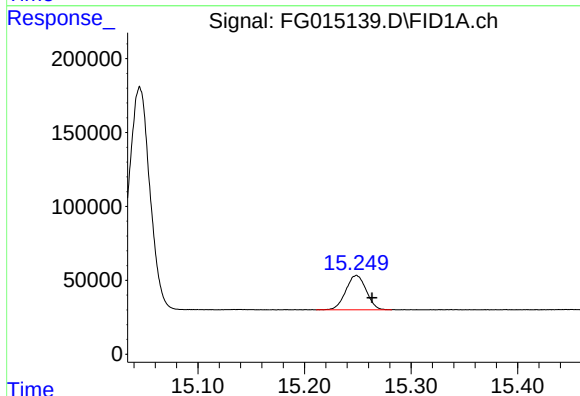
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.011 min
Response: 2073761
Conc: 16.17 ug/ml

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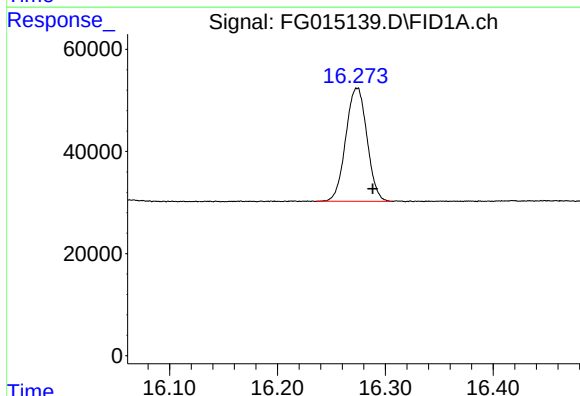
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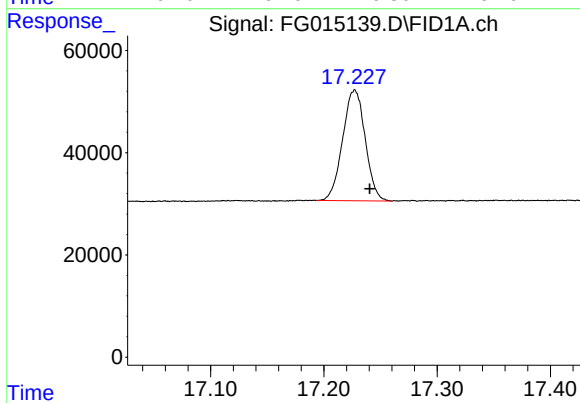
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: -0.015 min
Response: 307744
Conc: 2.15 ug/ml



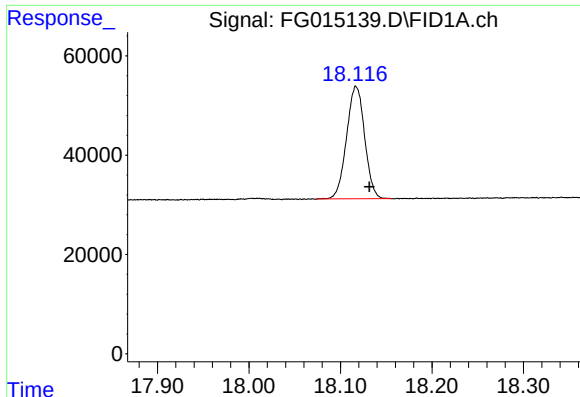
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.015 min
Response: 302882
Conc: 2.15 ug/ml



#12 N-OCTACOSANE

R.T.: 17.227 min
Delta R.T.: -0.013 min
Response: 299992
Conc: 2.14 ug/ml



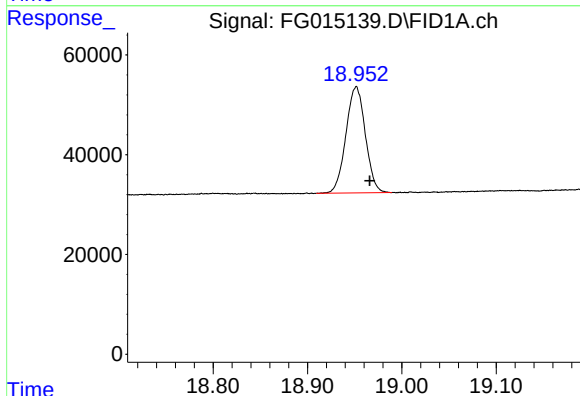
#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: -0.015 min
Response: 310705
Conc: 2.18 ug/ml

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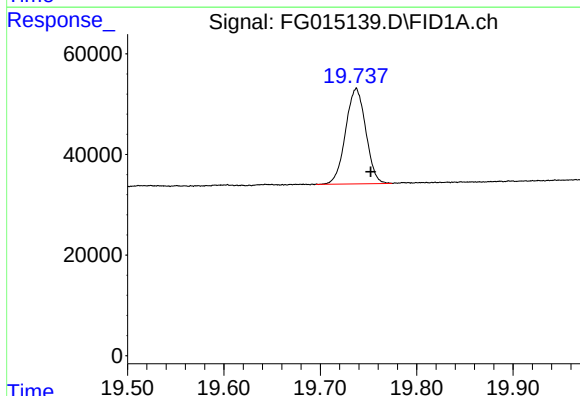
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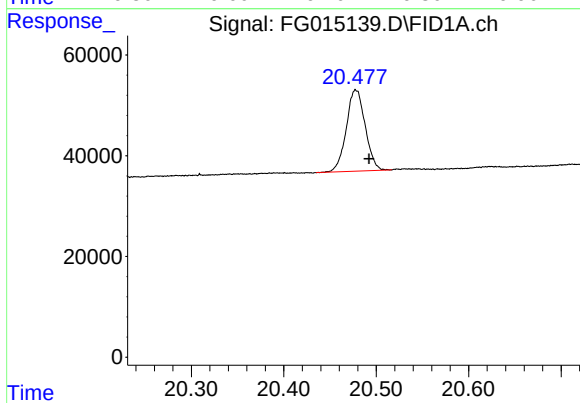
#14 N-DOTRIACONTANE

R.T.: 18.952 min
Delta R.T.: -0.014 min
Response: 304223
Conc: 2.19 ug/ml



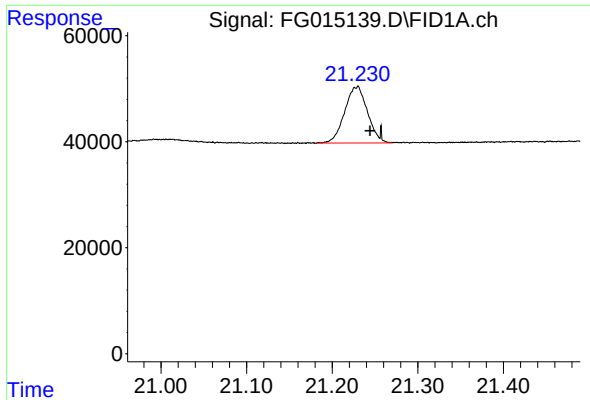
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: -0.015 min
Response: 274522
Conc: 2.19 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.478 min
Delta R.T.: -0.014 min
Response: 229146
Conc: 2.12 ug/ml



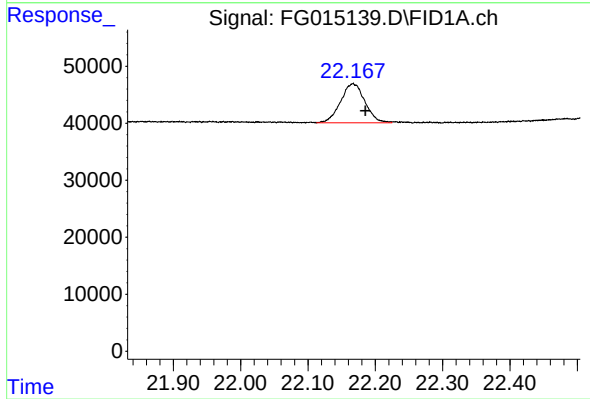
#17 N-OCTATRIACONTANE

R.T.: 21.230 min
Delta R.T.: -0.014 min
Response: 198449
Conc: 2.01 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.167 min
Delta R.T.: -0.018 min
Response: 172622
Conc: 1.86 ug/ml m