

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041023\
 Data File : FG011763.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2023 12:56
 Operator : YP\AJ
 Sample : 02213-06
 Misc : 1 PPM SOIL MDL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 11 01:18:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.046	2586677	25.699 ug/ml
Target Compounds			
1) N-OCTANE	2.045	148781	1.264 ug/ml
2) N-DECANE	4.566	180783	1.496 ug/ml
3) N-DODECANE	6.738	175508	1.438 ug/ml
4) N-TETRADECANE	8.570	141634	1.164 ug/mlm
5) N-HEXADECANE	10.182	175274	1.421 ug/ml
6) N-OCTADECANE	11.628	180502	1.478 ug/ml
7) N-EICOSANE	12.942	176902	1.472 ug/ml
8) N-DOCOSANE	14.143	179244	1.563 ug/ml
10) N-TETRACOSANE	15.248	211257	1.870 ug/mlm
11) N-HEXACOSANE	16.273	202600	1.876 ug/ml
12) N-OCTACOSANE	17.225	227544	2.194 ug/ml
13) N-TRIACONTANE	18.116	279943	2.825 ug/ml
14) N-DOTRIACONTANE	18.950	302441	3.261 ug/ml
15) N-TETRATRIACONTANE	19.736	252746	2.998 ug/ml
16) N-HEXATRIACONTANE	20.479	199298	2.589 ug/ml
17) N-OCTATRIACONTANE	21.228	171077	2.272 ug/ml
18) N-TETRACONTANE	22.163	156708	2.135 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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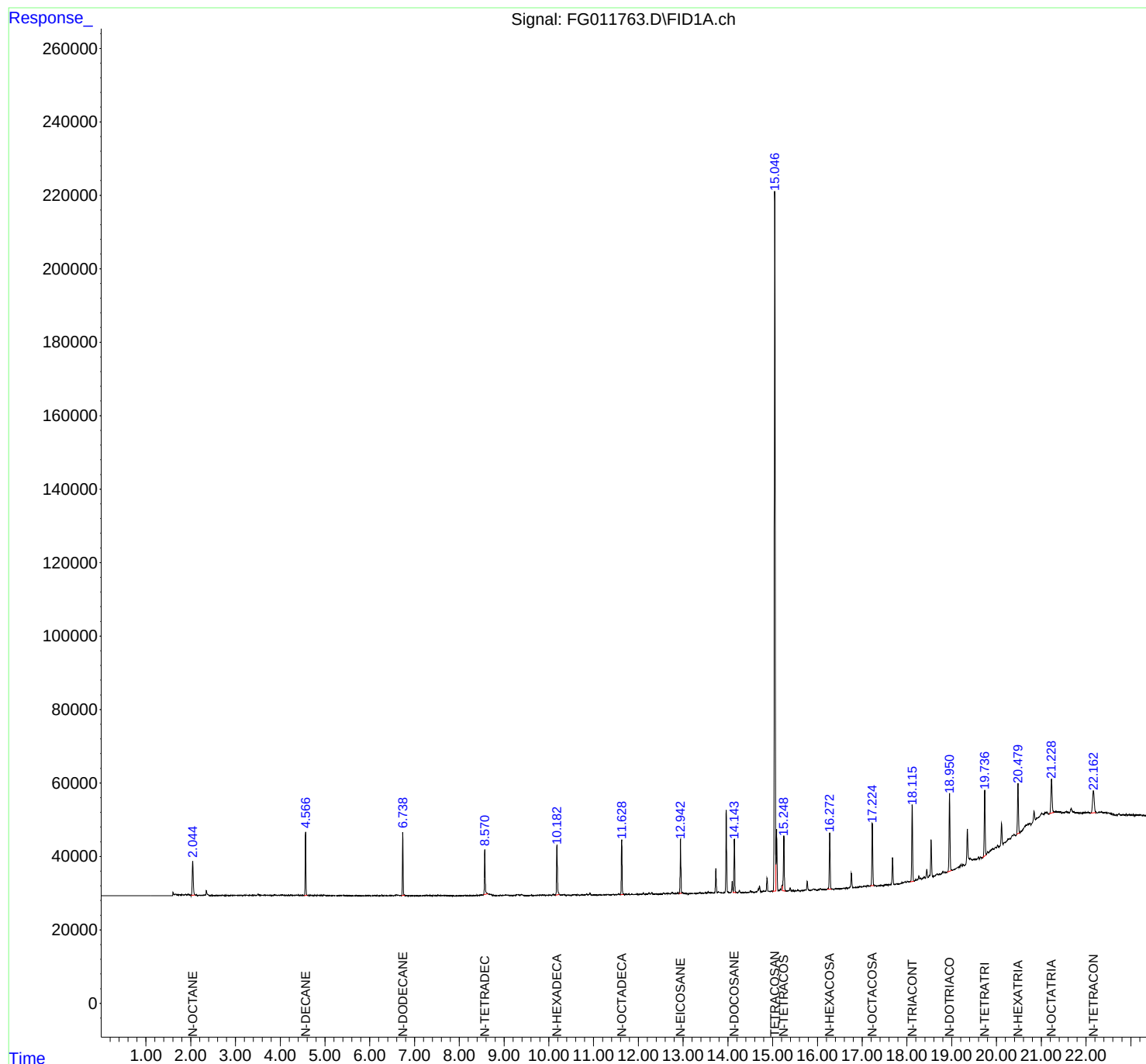
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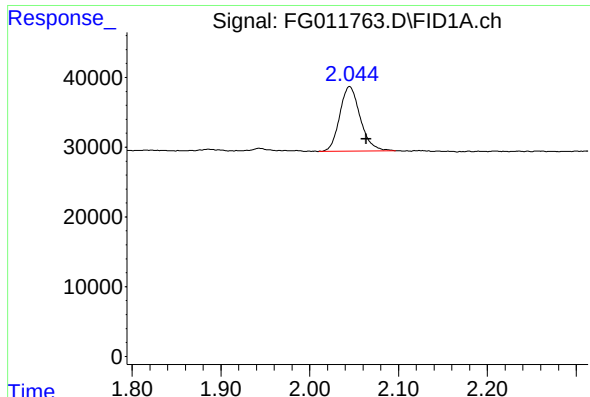
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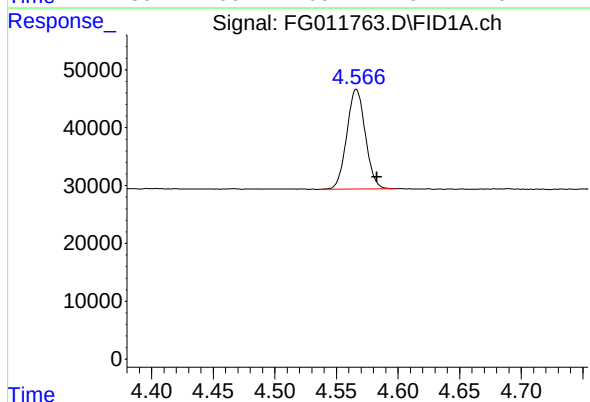
#1 N-OCTANE

R.T.: 2.045 min
Delta R.T.: -0.019 min
Response: 148781
Conc: 1.26 ug/ml

Instrument :
FID_G
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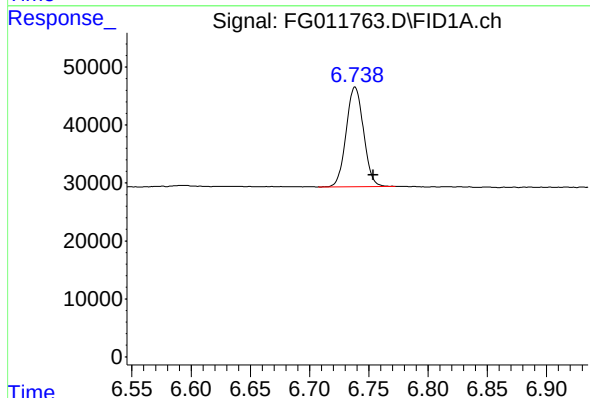
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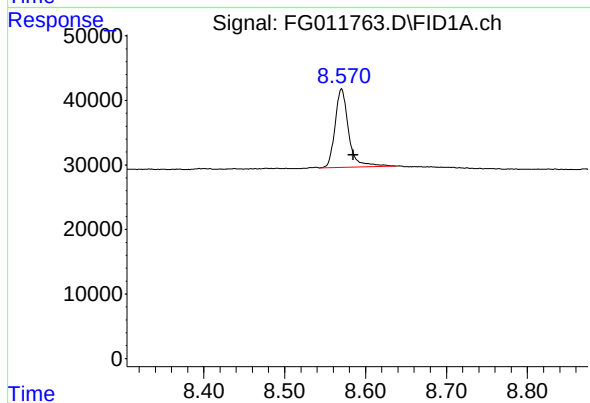
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: -0.017 min
Response: 180783
Conc: 1.50 ug/ml



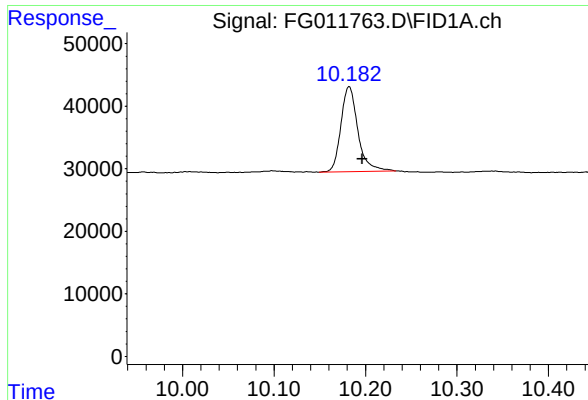
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: -0.015 min
Response: 175508
Conc: 1.44 ug/ml



#4 N-TETRADECANE

R.T.: 8.570 min
Delta R.T.: -0.015 min
Response: 141634
Conc: 1.16 ug/ml m



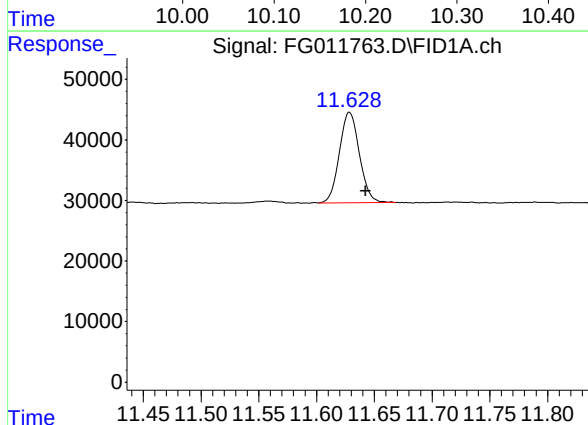
#5 N-HEXADECANE

R.T.: 10.182 min
Delta R.T.: -0.014 min
Response: 175274
Conc: 1.42 ug/ml

Instrument : FID_G
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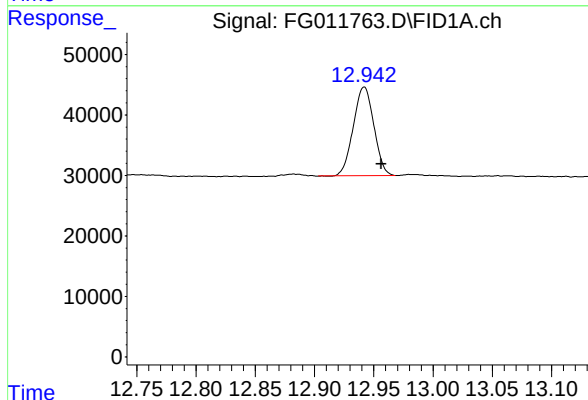
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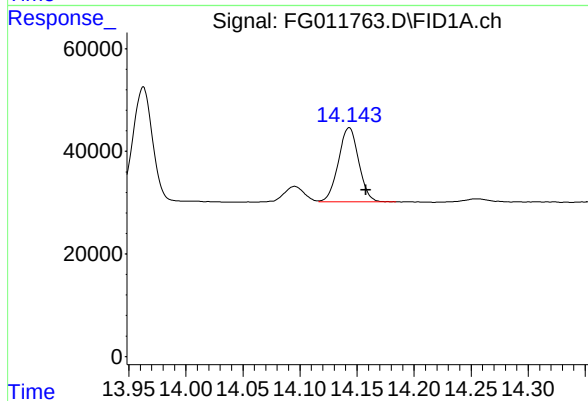
#6 N-OCTADECANE

R.T.: 11.628 min
Delta R.T.: -0.014 min
Response: 180502
Conc: 1.48 ug/ml



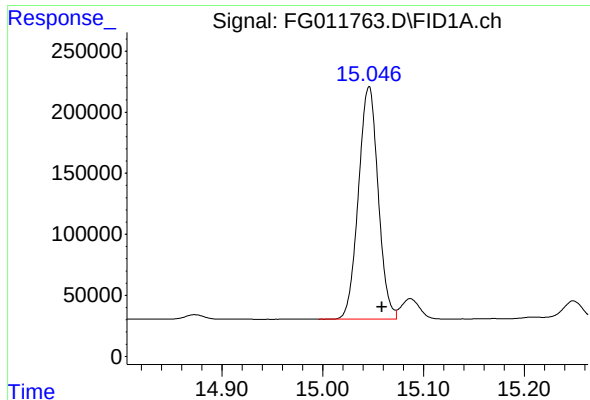
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: -0.014 min
Response: 176902
Conc: 1.47 ug/ml



#8 N-DOCOSANE

R.T.: 14.143 min
Delta R.T.: -0.015 min
Response: 179244
Conc: 1.56 ug/ml



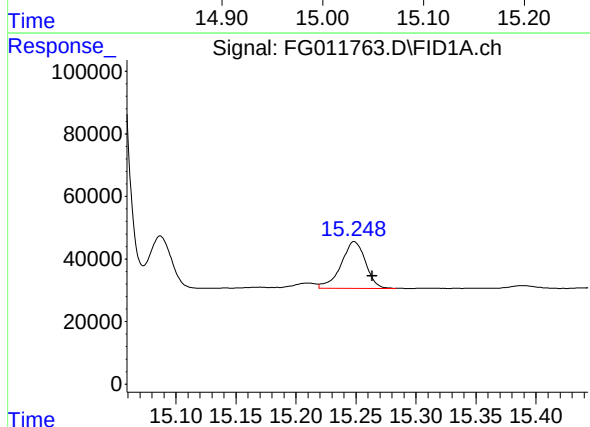
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: -0.013 min
Response: 2586677
Conc: 25.70 ug/ml

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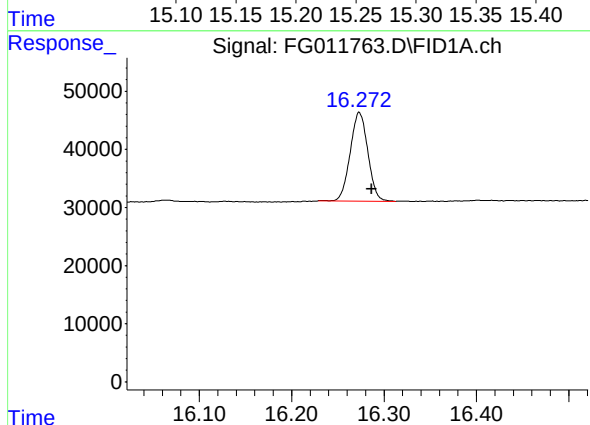
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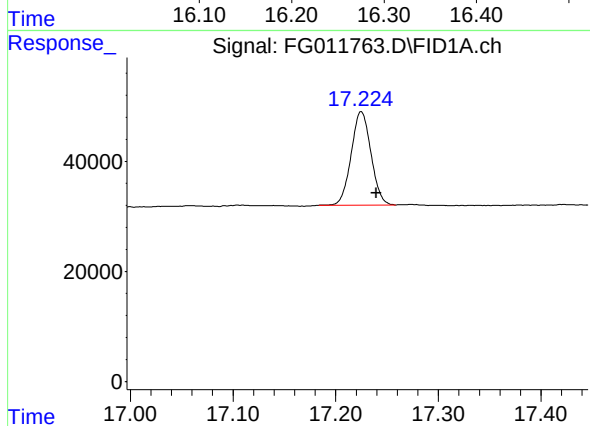
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.015 min
Response: 211257
Conc: 1.87 ug/ml m



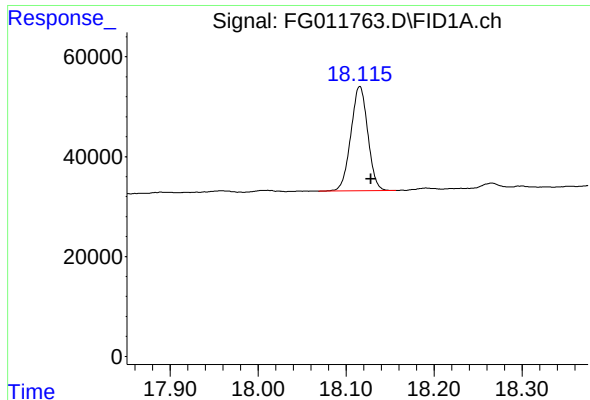
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.013 min
Response: 202600
Conc: 1.88 ug/ml



#12 N-OCTACOSANE

R.T.: 17.225 min
Delta R.T.: -0.015 min
Response: 227544
Conc: 2.19 ug/ml



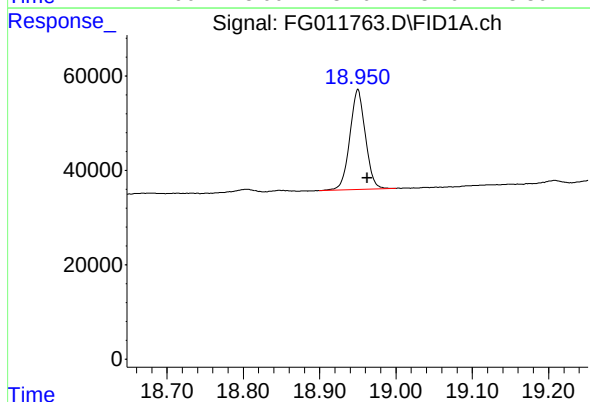
#13 N-TRIACONTANE

R.T.: 18.116 min
Delta R.T.: -0.013 min
Response: 279943
Conc: 2.82 ug/ml

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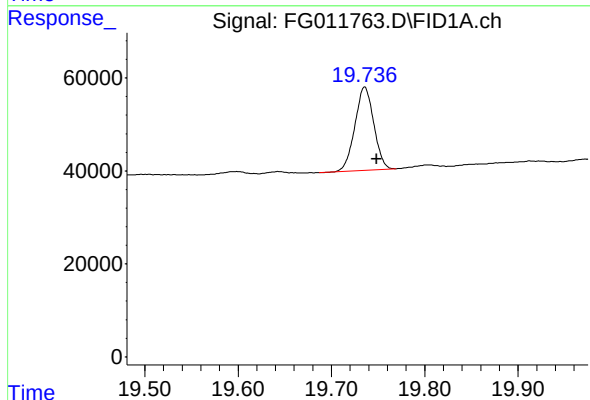
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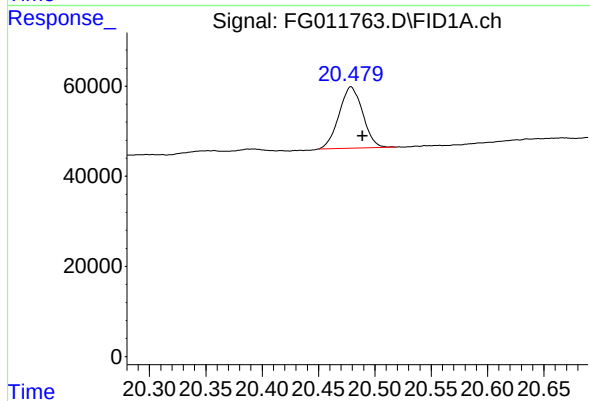
#14 N-DOTRIACONTANE

R.T.: 18.950 min
Delta R.T.: -0.012 min
Response: 302441
Conc: 3.26 ug/ml



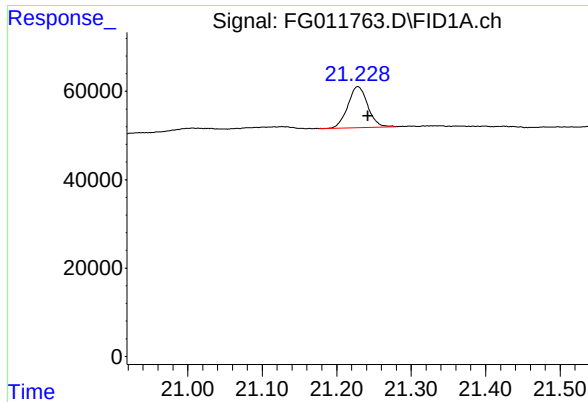
#15 N-TETRATRIACONTANE

R.T.: 19.736 min
Delta R.T.: -0.013 min
Response: 252746
Conc: 3.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.010 min
Response: 199298
Conc: 2.59 ug/ml



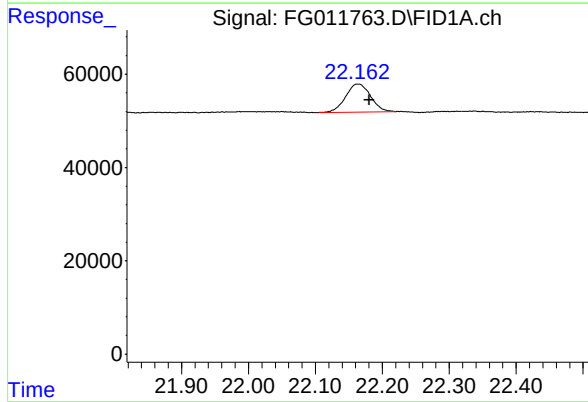
#17 N-OCTATRIACONTANE

R.T.: 21.228 min
Delta R.T.: -0.014 min
Response: 171077
Conc: 2.27 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.163 min
Delta R.T.: -0.017 min
Response: 156708
Conc: 2.14 ug/ml