

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110823\
 Data File : FG013173.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 17:03
 Operator : YP\AJ
 Sample : 05291-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 QUEEN-PLAZAMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e
 Quant Time: Nov 08 23:11:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 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...	15.090	3025160	28.878 ug/mlm
Target Compounds			
1) N-OCTANE	2.067	2056049	18.080 ug/ml
2) N-DECANE	4.593	2386437	20.756 ug/ml
3) N-DODECANE	6.769	2407062	20.839 ug/ml
4) N-TETRADECANE	8.604	2808851	24.634 ug/ml
5) N-HEXADECANE	10.218	2588380	22.291 ug/ml
6) N-OCTADECANE	11.667	2688542	23.154 ug/ml
7) N-EICOSANE	12.984	3975016	34.533 ug/ml
8) N-DOCOSANE	14.187	3574076	32.300 ug/ml
10) N-TETRACOSANE	15.301	10716440	97.536 ug/ml
11) N-HEXACOSANE	16.323	3126169	29.050 ug/ml
12) N-OCTACOSANE	17.274	2705848	25.377 ug/ml
13) N-TRIACONTANE	18.163	3531252	32.971 ug/ml
14) N-DOTRIACONTANE	18.984	4770288	45.574 ug/mlm
15) N-TETRATRIACONTANE	19.781	2334341	25.646 ug/ml
16) N-HEXATRIACONTANE	20.522	2018656	27.446 ug/mlm
17) N-OCTATRIACONTANE	21.279	1723923	24.357 ug/ml
18) N-TETRACONTANE	22.234	2022288	27.899 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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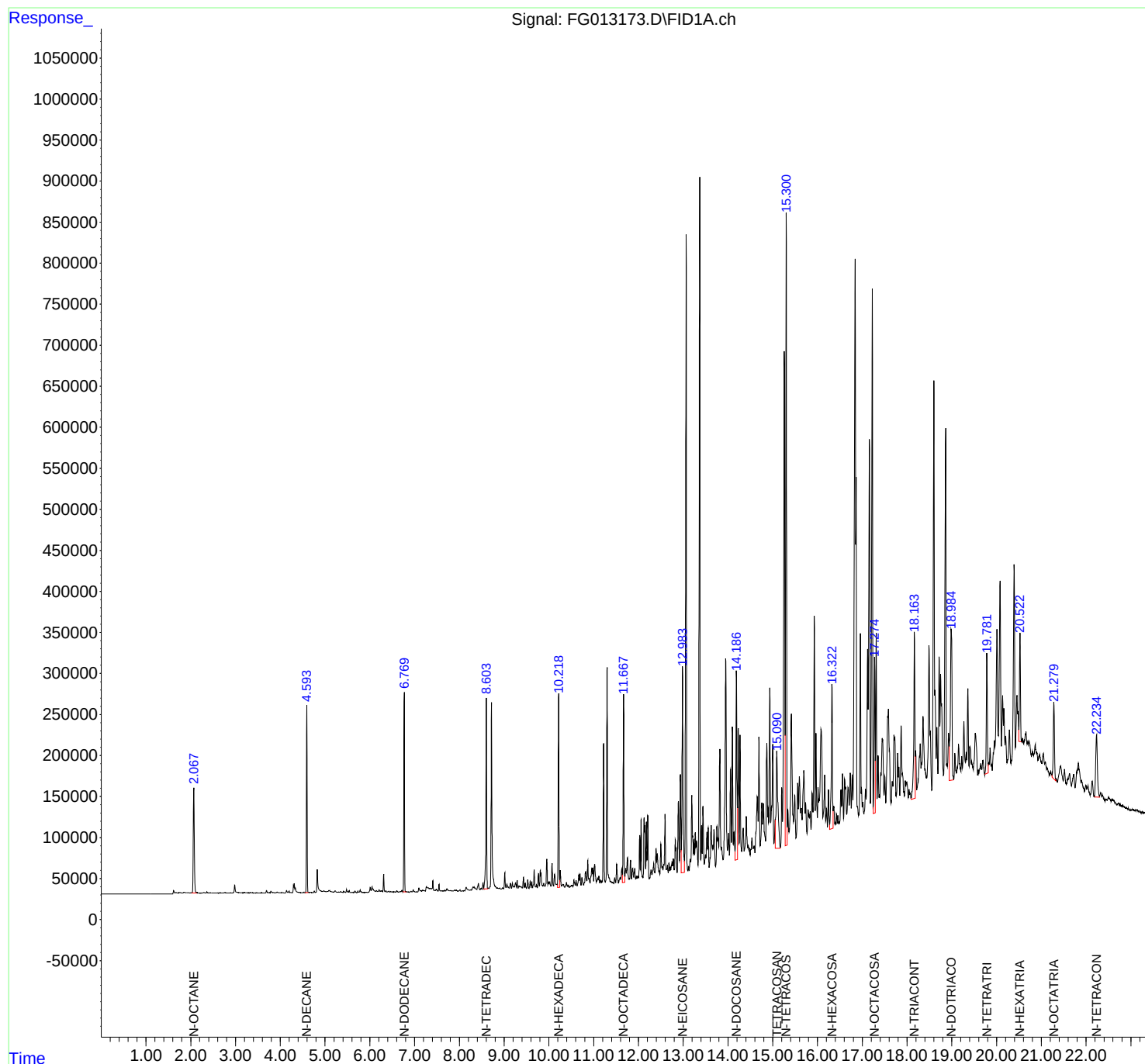
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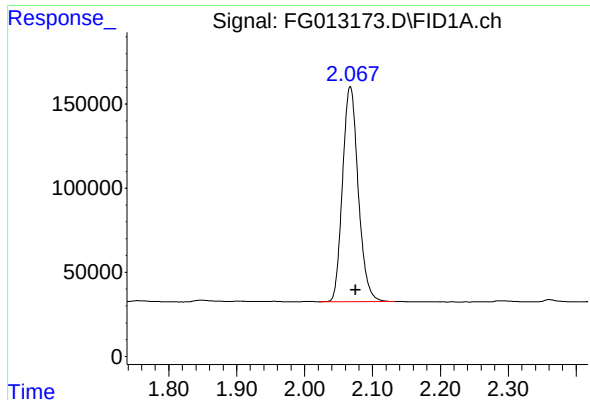
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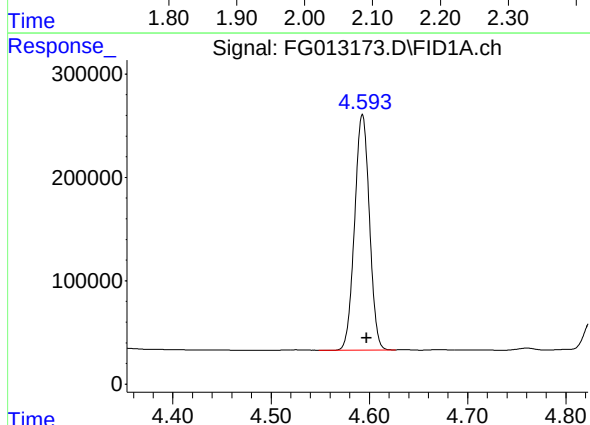
#1 N-OCTANE

R.T.: 2.067 min
Delta R.T.: -0.008 min
Response: 2056049
Conc: 18.08 ug/ml

Instrument :
FID_G
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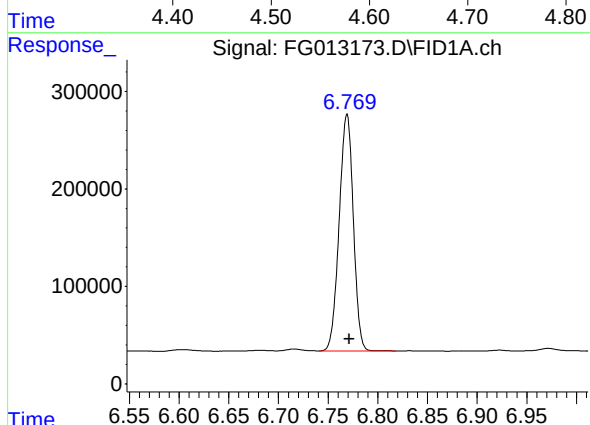
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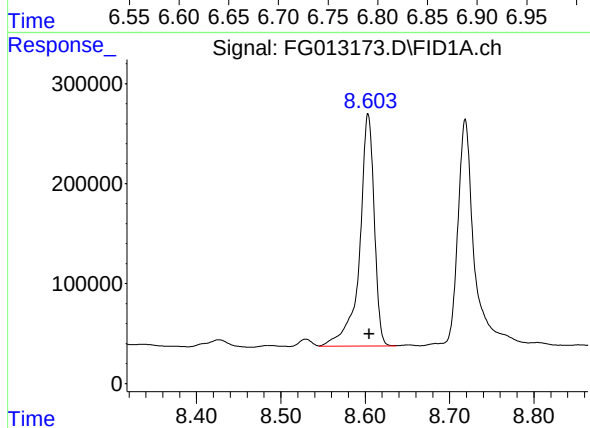
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 2386437
Conc: 20.76 ug/ml



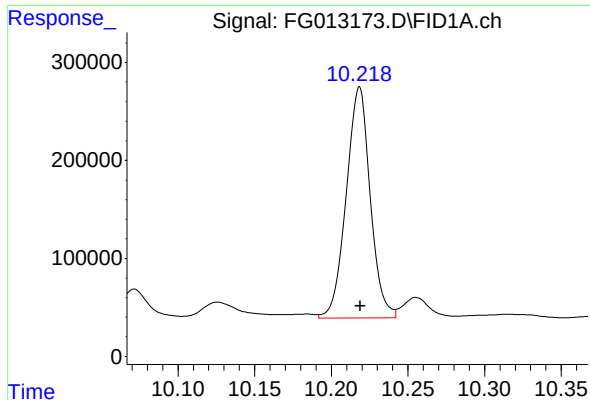
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 2407062
Conc: 20.84 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.001 min
Response: 2808851
Conc: 24.63 ug/ml



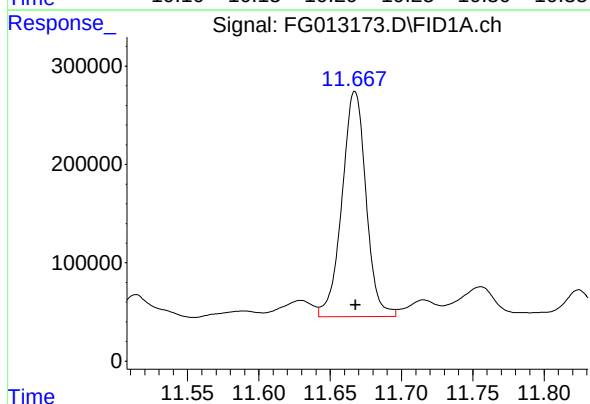
#5 N-HEXADECANE

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 2588380
Conc: 22.29 ug/ml

Instrument :
FID_G
ClientSampleId :
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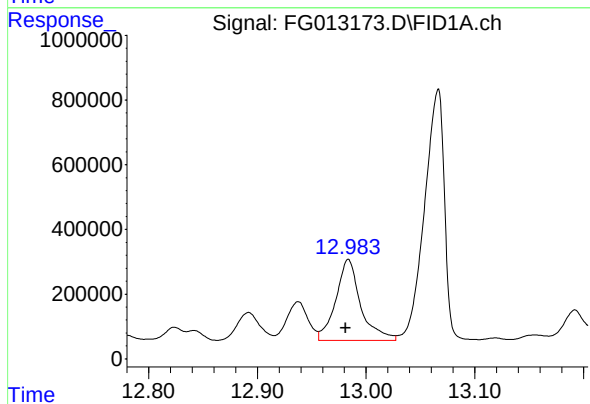
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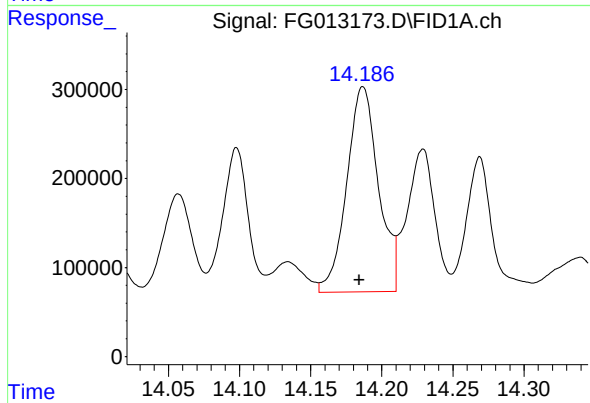
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 2688542
Conc: 23.15 ug/ml



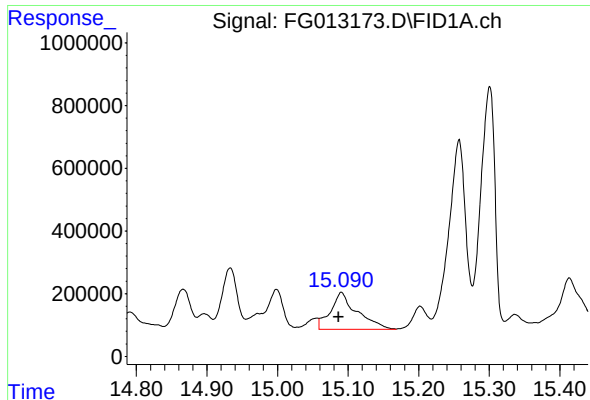
#7 N-EICOSANE

R.T.: 12.984 min
Delta R.T.: 0.002 min
Response: 3975016
Conc: 34.53 ug/ml



#8 N-DOCOSANE

R.T.: 14.187 min
Delta R.T.: 0.003 min
Response: 3574076
Conc: 32.30 ug/ml



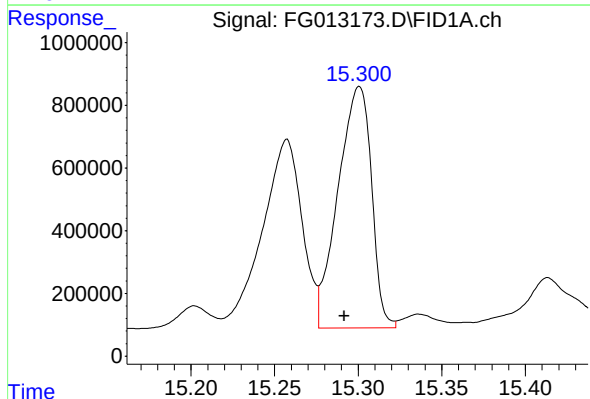
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.090 min
Delta R.T.: 0.003 min
Response: 3025160
Conc: 28.88 ug/ml

Instrument :
FID_G
ClientSampleId :
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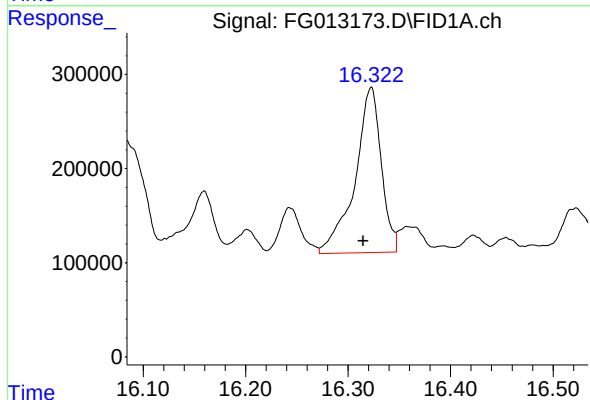
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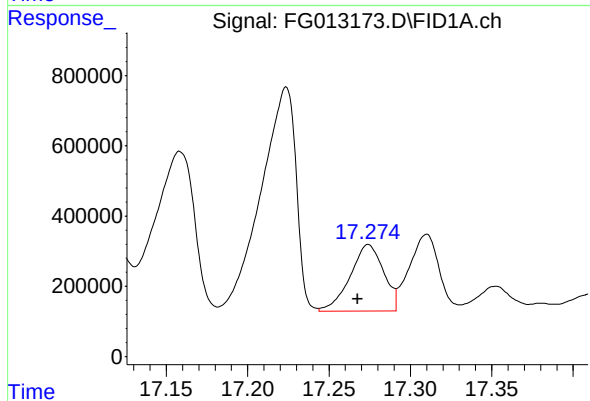
#10 N-TETRACOSANE

R.T.: 15.301 min
Delta R.T.: 0.009 min
Response: 10716440
Conc: 97.54 ug/ml



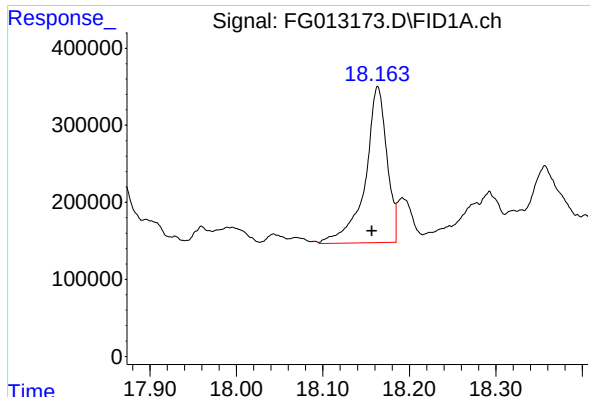
#11 N-HEXACOSANE

R.T.: 16.323 min
Delta R.T.: 0.008 min
Response: 3126169
Conc: 29.05 ug/ml



#12 N-OCTACOSANE

R.T.: 17.274 min
Delta R.T.: 0.007 min
Response: 2705848
Conc: 25.38 ug/ml



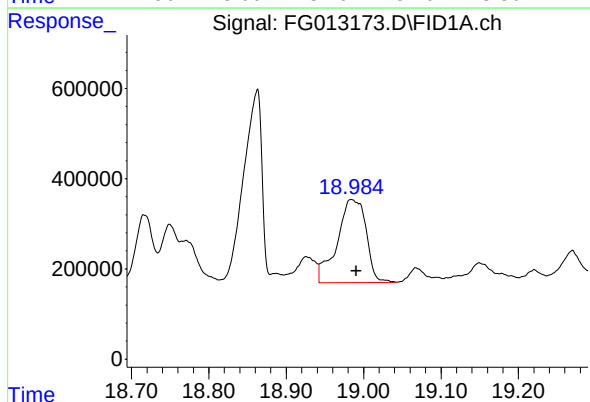
#13 N-TRIACONTANE

R.T.: 18.163 min
Delta R.T.: 0.007 min
Response: 3531252
Conc: 32.97 ug/ml

Instrument :
FID_G
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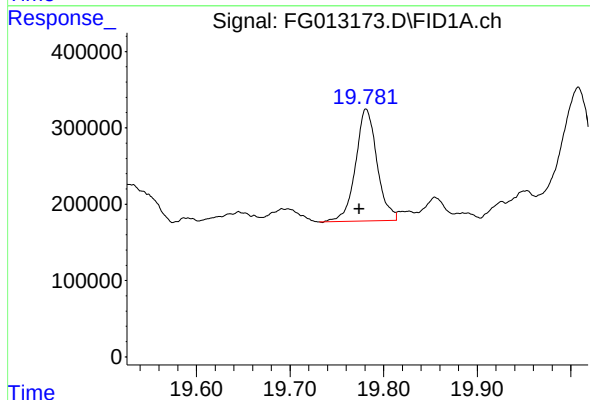
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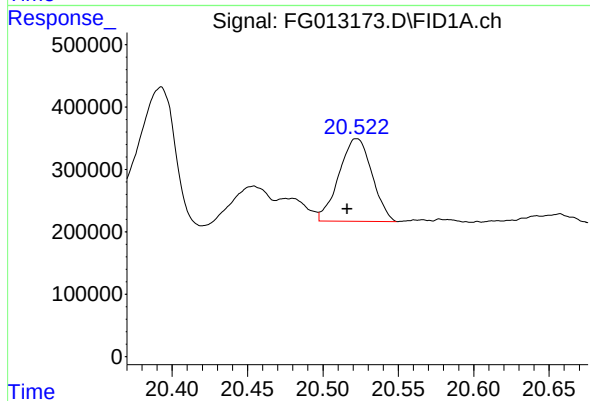
#14 N-DOTRIACONTANE

R.T.: 18.984 min
Delta R.T.: -0.006 min
Response: 4770288
Conc: 45.57 ug/ml m



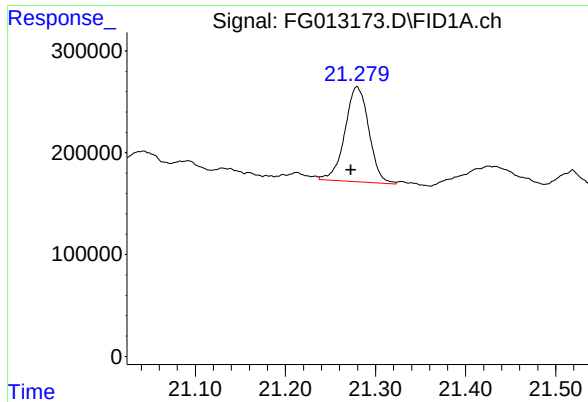
#15 N-TETRATRIACONTANE

R.T.: 19.781 min
Delta R.T.: 0.007 min
Response: 2334341
Conc: 25.65 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.522 min
Delta R.T.: 0.006 min
Response: 2018656
Conc: 27.45 ug/ml m



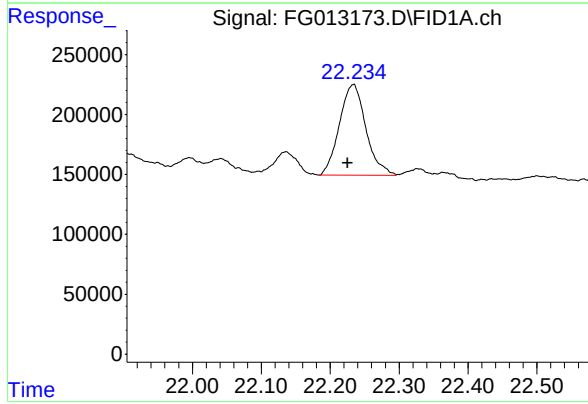
#17 N-OCTATRIACONTANE

R.T.: 21.279 min
Delta R.T.: 0.007 min
Response: 1723923
Conc: 24.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.234 min
Delta R.T.: 0.009 min
Response: 2022288
Conc: 27.90 ug/ml m