

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092624\
 Data File : FG014351.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 13:54
 Operator : YP\AJ
 Sample : P4138-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LIBERTY-AVE-TP-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 04:55:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG091124.M
 Quant Title :
 QLast Update : Tue Sep 10 17:27:02 2024
 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...	14.915	1460545	14.759 ug/ml
Target Compounds			
1) N-OCTANE	1.941	1801781	16.832 ug/ml
2) N-DECANE	4.437	1987008	18.973 ug/ml
3) N-DODECANE	6.610	2112377	20.539 ug/ml
4) N-TETRADECANE	8.443	1839048	17.529 ug/ml
5) N-HEXADECANE	10.053	2326540	21.212 ug/ml
6) N-OCTADECANE	11.499	2408188	21.416 ug/ml
7) N-EICOSANE	12.812	2472115	21.781 ug/ml
8) N-DOCOSANE	14.014	2806888	25.319 ug/ml
10) N-TETRACOSANE	15.120	2444036	22.099 ug/ml
11) N-HEXACOSANE	16.145	2478213	22.534 ug/ml
12) N-OCTACOSANE	17.096	3059570	28.110 ug/ml
13) N-TRIACONTANE	17.988	2775582	24.958 ug/ml
14) N-DOTRIACONTANE	18.820	2017487	18.250 ug/mlm
15) N-TETRATRIACONTANE	19.607	1541668	14.424 ug/mlm
16) N-HEXATRIACONTANE	20.348	968288	9.156 ug/mlm
17) N-OCTATRIACONTANE	21.079	963470	10.130 ug/mlm
18) N-TETRACONTANE	21.964	1445118	15.402 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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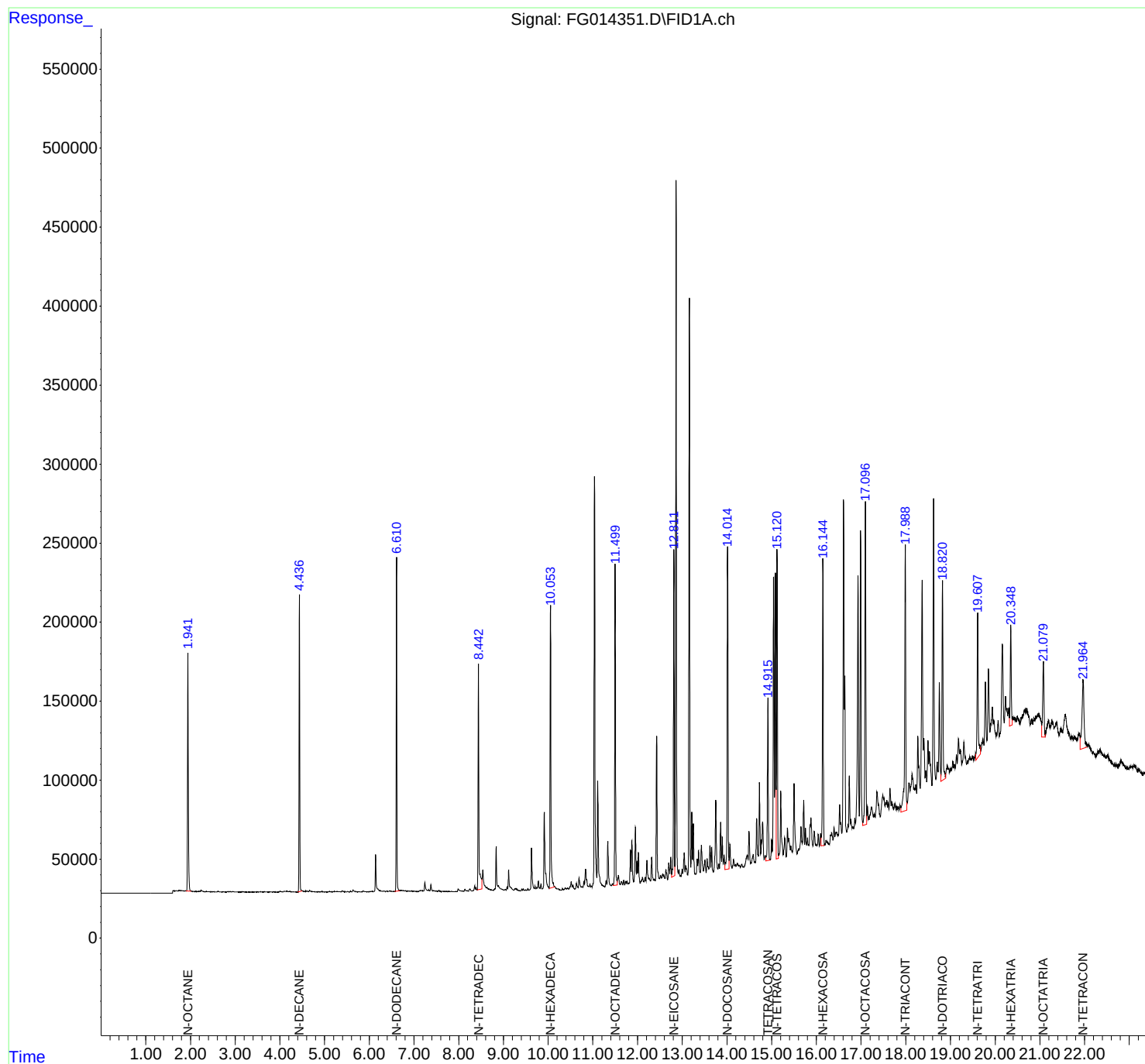
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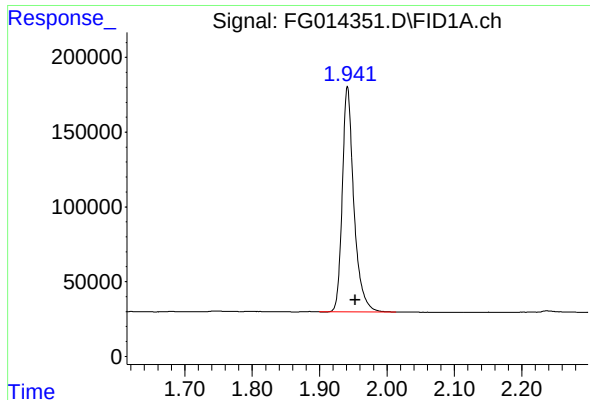
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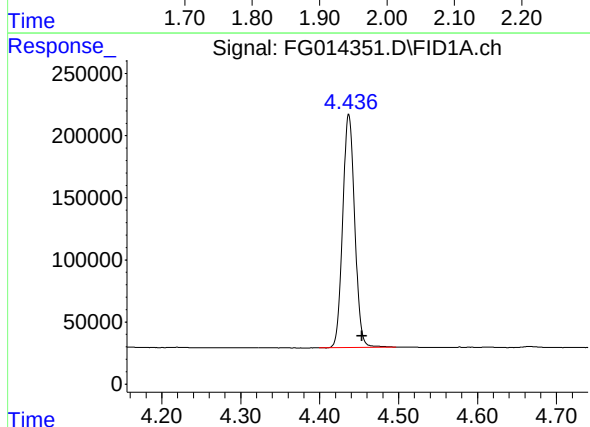
#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: -0.012 min
Response: 1801781
Conc: 16.83 ug/ml

Instrument :
FID_G
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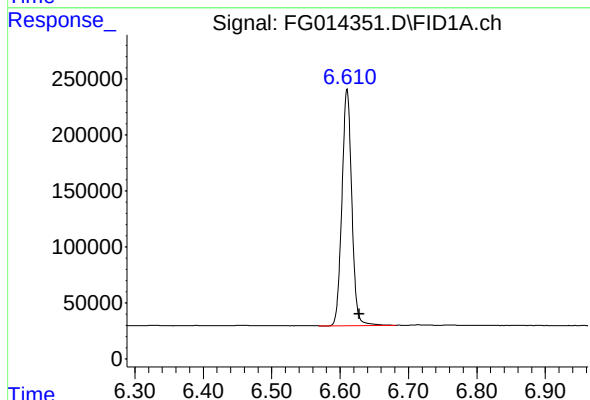
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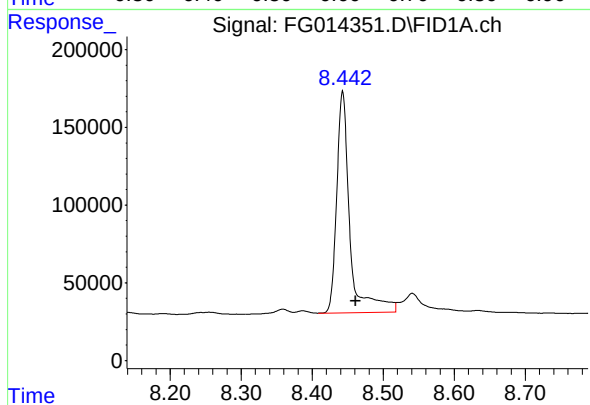
#2 N-DECANE

R.T.: 4.437 min
Delta R.T.: -0.017 min
Response: 1987008
Conc: 18.97 ug/ml



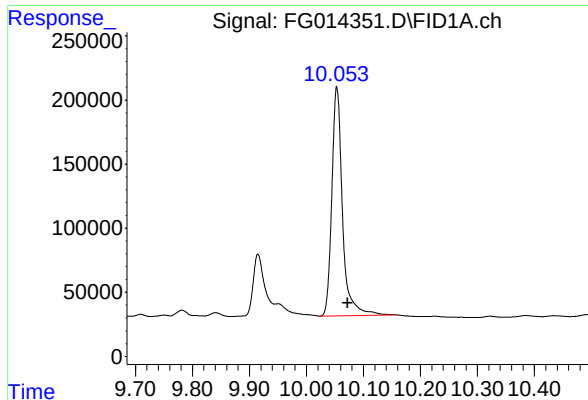
#3 N-DODECANE

R.T.: 6.610 min
Delta R.T.: -0.018 min
Response: 2112377
Conc: 20.54 ug/ml



#4 N-TETRADECANE

R.T.: 8.443 min
Delta R.T.: -0.018 min
Response: 1839048
Conc: 17.53 ug/ml



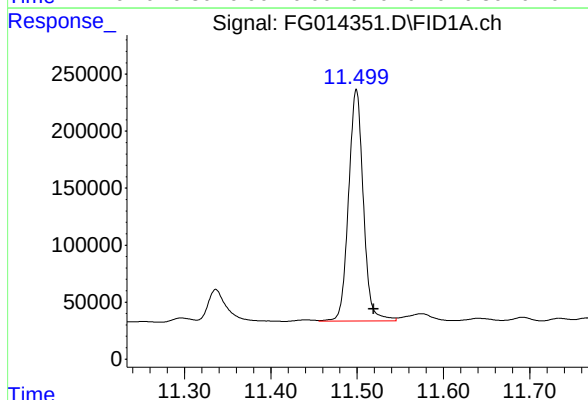
#5 N-HEXADECANE

R.T.: 10.053 min
Delta R.T.: -0.019 min
Response: 2326540
Conc: 21.21 ug/ml

Instrument :
FID_G
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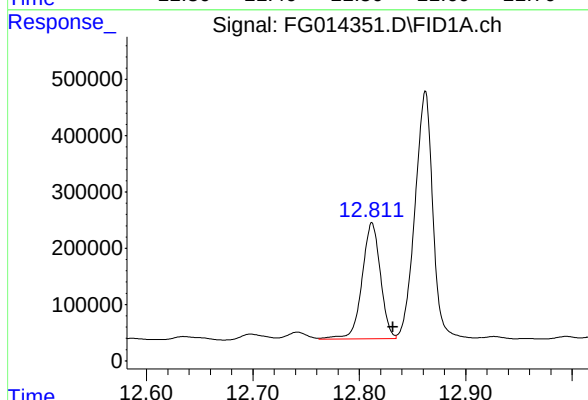
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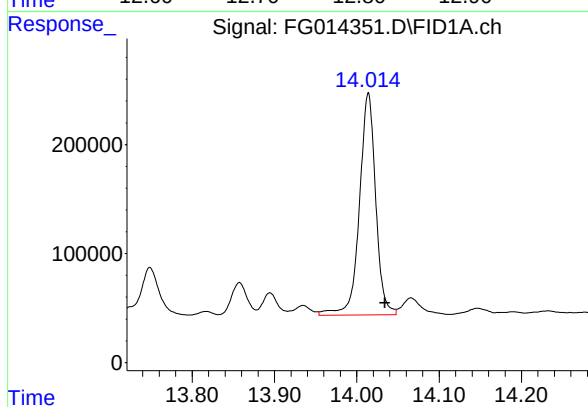
#6 N-OCTADECANE

R.T.: 11.499 min
Delta R.T.: -0.020 min
Response: 2408188
Conc: 21.42 ug/ml



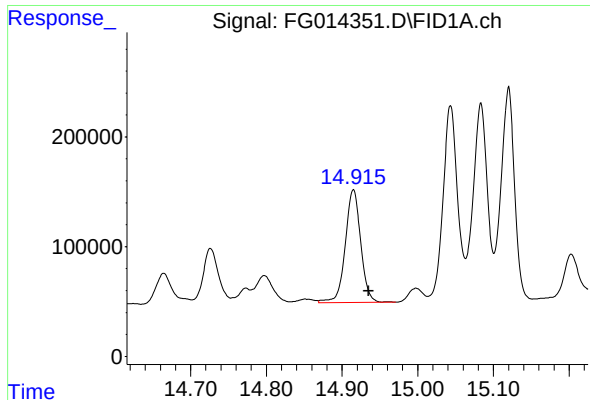
#7 N-EICOSANE

R.T.: 12.812 min
Delta R.T.: -0.020 min
Response: 2472115
Conc: 21.78 ug/ml



#8 N-DOCOSANE

R.T.: 14.014 min
Delta R.T.: -0.020 min
Response: 2806888
Conc: 25.32 ug/ml



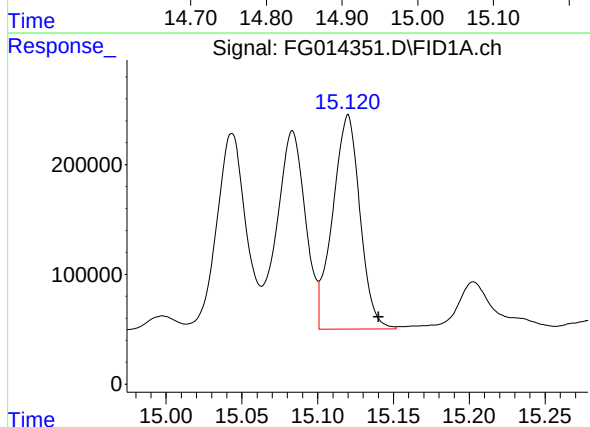
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.915 min
Delta R.T.: -0.020 min
Response: 1460545
Conc: 14.76 ug/ml

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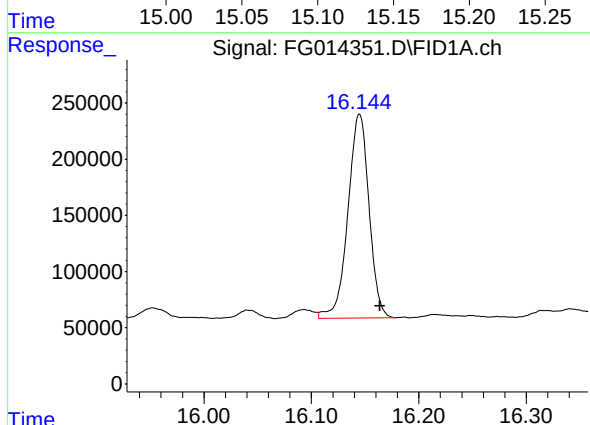
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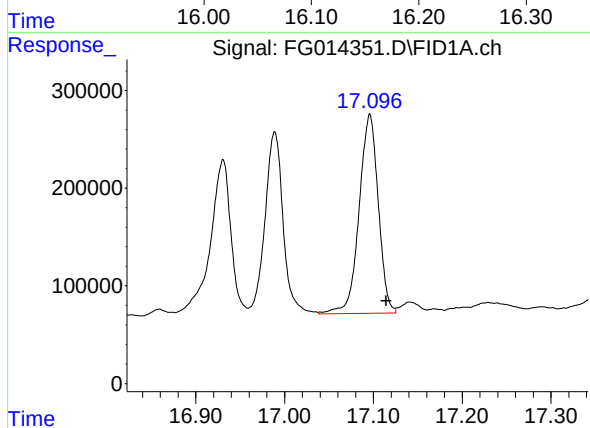
#10 N-TETRACOSANE

R.T.: 15.120 min
Delta R.T.: -0.020 min
Response: 2444036
Conc: 22.10 ug/ml



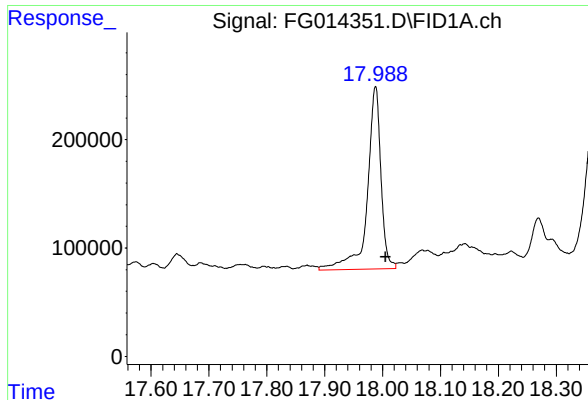
#11 N-HEXACOSANE

R.T.: 16.145 min
Delta R.T.: -0.019 min
Response: 2478213
Conc: 22.53 ug/ml



#12 N-OCTACOSANE

R.T.: 17.096 min
Delta R.T.: -0.019 min
Response: 3059570
Conc: 28.11 ug/ml



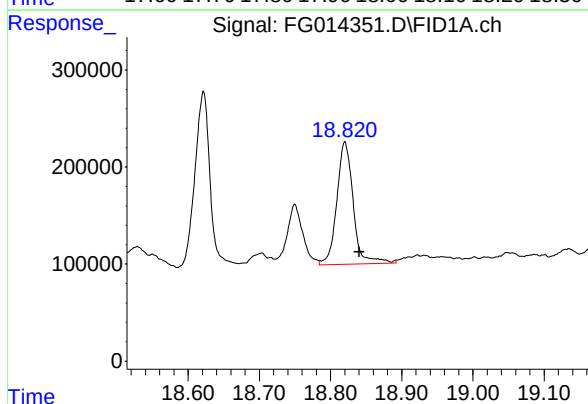
#13 N-TRIACONTANE

R.T.: 17.988 min
Delta R.T.: -0.017 min
Response: 2775582
Conc: 24.96 ug/ml

Instrument :
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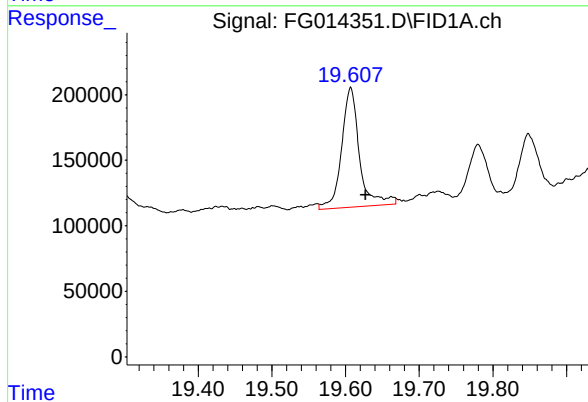
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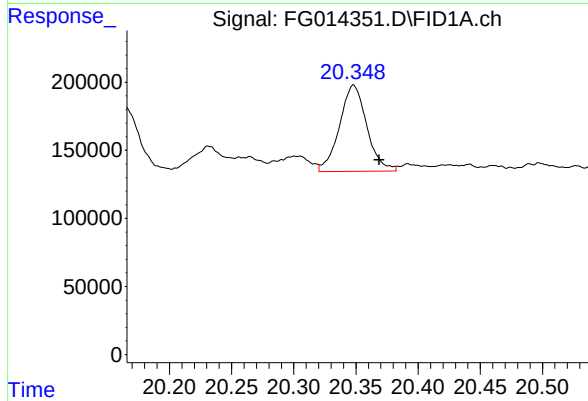
#14 N-DOTRIACONTANE

R.T.: 18.820 min
Delta R.T.: -0.021 min
Response: 2017487
Conc: 18.25 ug/ml m



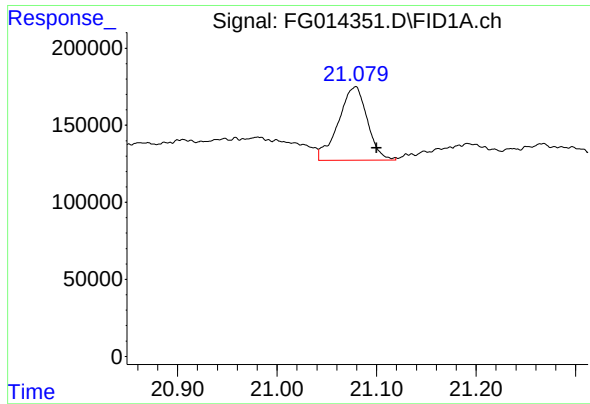
#15 N-TETRATRIACONTANE

R.T.: 19.607 min
Delta R.T.: -0.020 min
Response: 1541668
Conc: 14.42 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.348 min
Delta R.T.: -0.021 min
Response: 968288
Conc: 9.16 ug/ml m



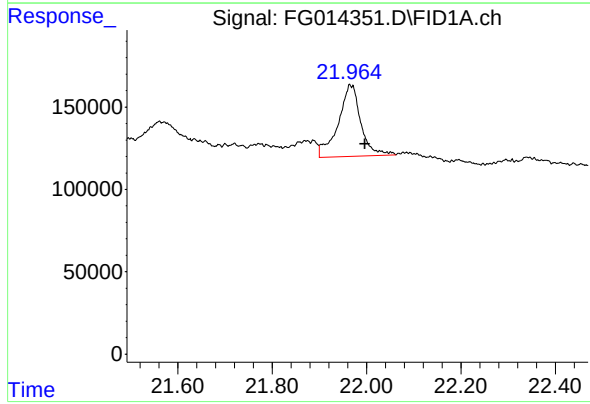
#17 N-OCTATRIACONTANE

R.T.: 21.079 min
Delta R.T.: -0.021 min
Response: 963470
Conc: 10.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.964 min
Delta R.T.: -0.032 min
Response: 1445118
Conc: 15.40 ug/ml