

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092624\
 Data File : FG014350.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 13:25
 Operator : YP\AJ
 Sample : P4138-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

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 04:55:30 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	1458889	14.742 ug/ml
Target Compounds			
1) N-OCTANE	1.943	1792672	16.747 ug/ml
2) N-DECANE	4.437	1961458	18.729 ug/ml
3) N-DODECANE	6.610	2053458	19.966 ug/ml
4) N-TETRADECANE	8.442	1840973	17.547 ug/ml
5) N-HEXADECANE	10.052	2294779	20.923 ug/ml
6) N-OCTADECANE	11.498	2372655	21.100 ug/ml
7) N-EICOSANE	12.811	2452602	21.609 ug/ml
8) N-DOCOSANE	14.014	2805115	25.303 ug/ml
10) N-TETRACOSANE	15.119	2434845	22.016 ug/ml
11) N-HEXACOSANE	16.143	2500671	22.738 ug/ml
12) N-OCTACOSANE	17.095	2983718	27.413 ug/ml
13) N-TRIACONTANE	17.987	2631799	23.665 ug/ml
14) N-DOTRIACONTANE	18.821	2233783	20.207 ug/ml
15) N-TETRATRIACONTANE	19.605	1577515	14.759 ug/mlm
16) N-HEXATRIACONTANE	20.347	967201	9.146 ug/mlm
17) N-OCTATRIACONTANE	21.075	1007422	10.592 ug/ml
18) N-TETRACONTANE	21.966	1208251	12.878 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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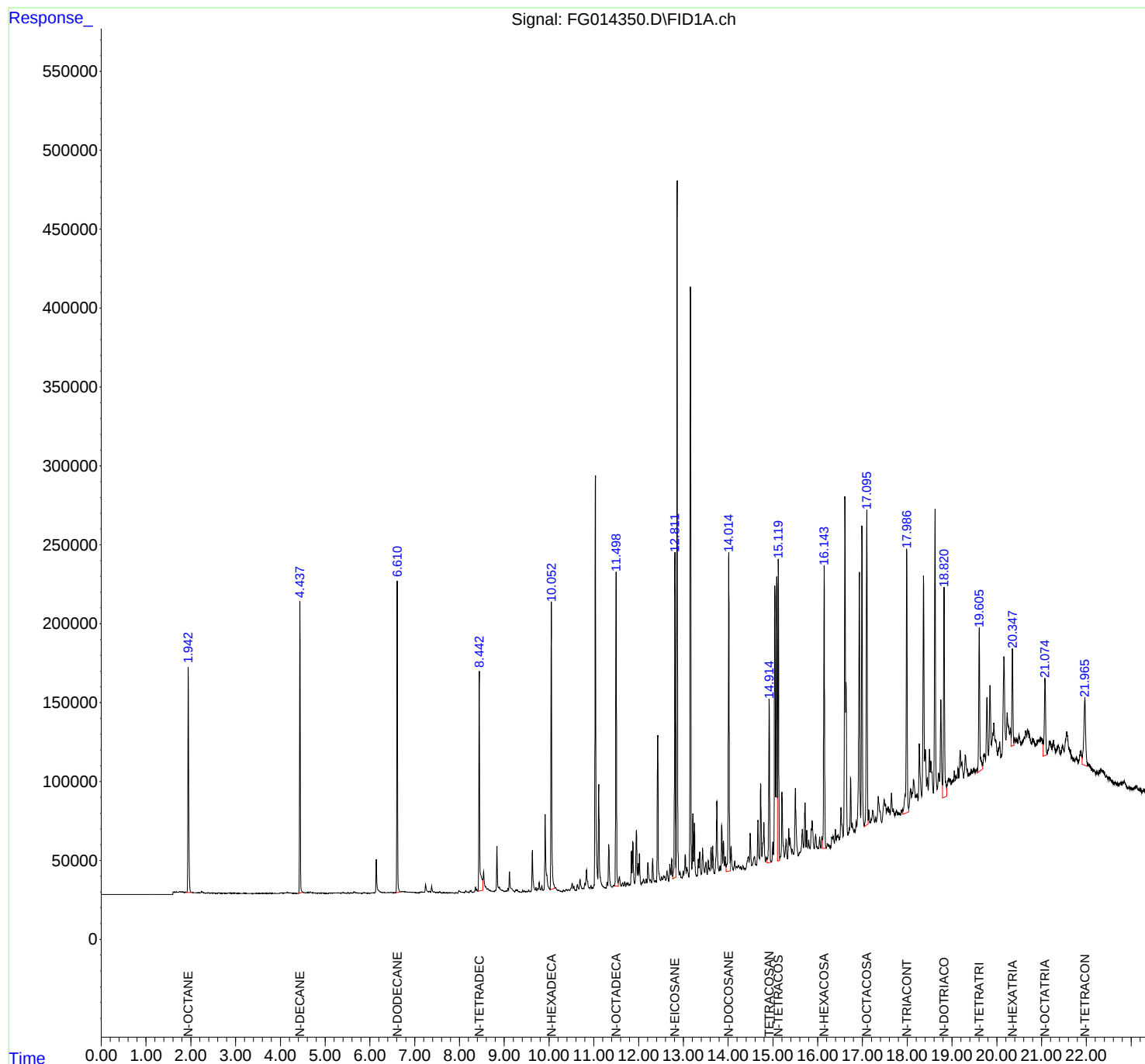
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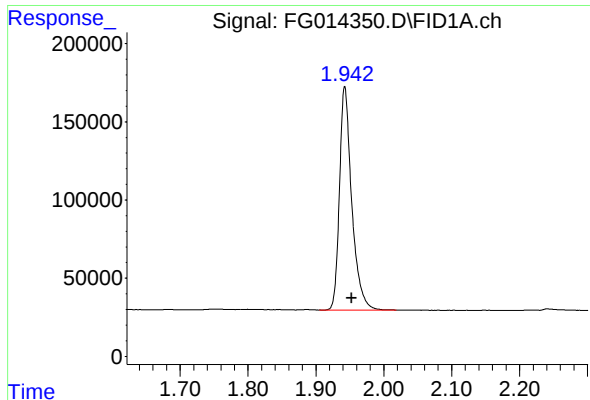
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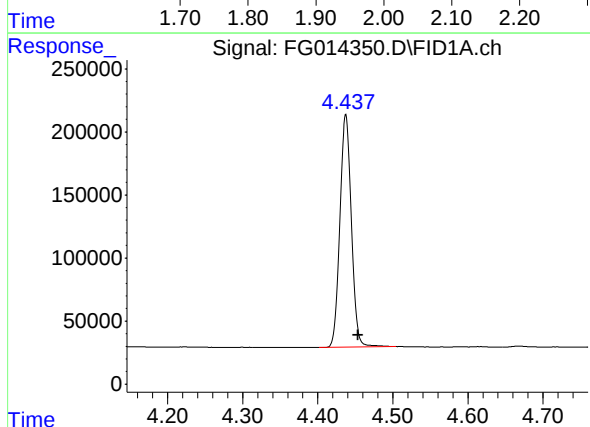
#1 N-OCTANE

R.T.: 1.943 min
Delta R.T.: -0.010 min
Response: 1792672
Conc: 16.75 ug/ml

Instrument :
FID_G
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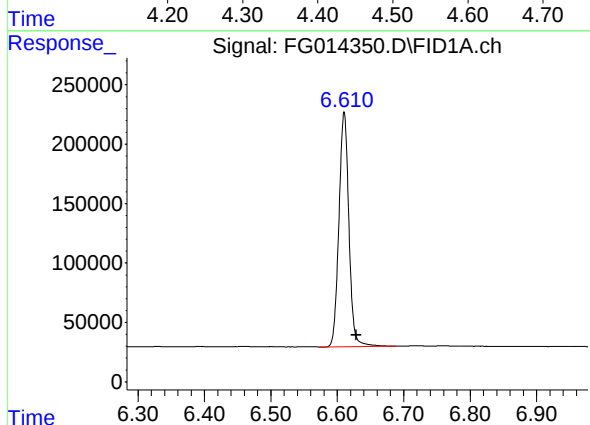
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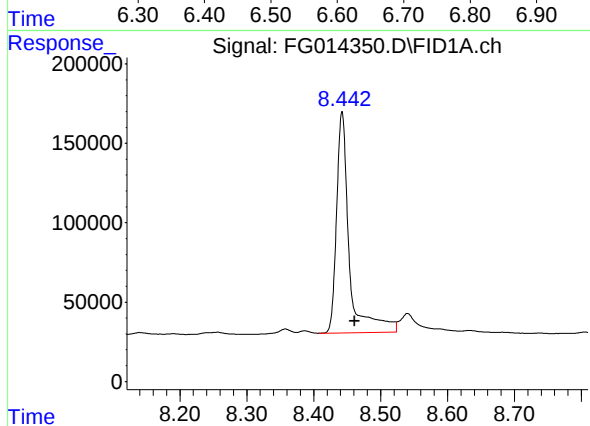
#2 N-DECANE

R.T.: 4.437 min
Delta R.T.: -0.016 min
Response: 1961458
Conc: 18.73 ug/ml



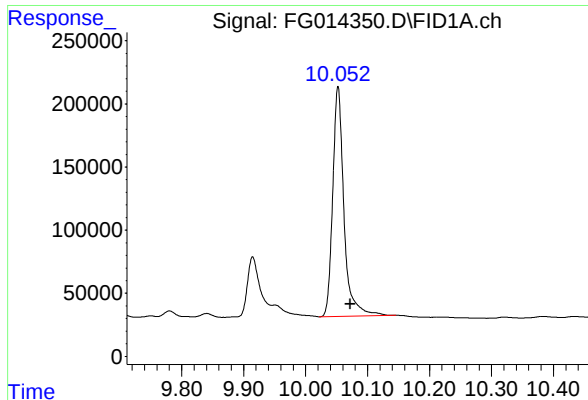
#3 N-DODECANE

R.T.: 6.610 min
Delta R.T.: -0.018 min
Response: 2053458
Conc: 19.97 ug/ml



#4 N-TETRADECANE

R.T.: 8.442 min
Delta R.T.: -0.019 min
Response: 1840973
Conc: 17.55 ug/ml



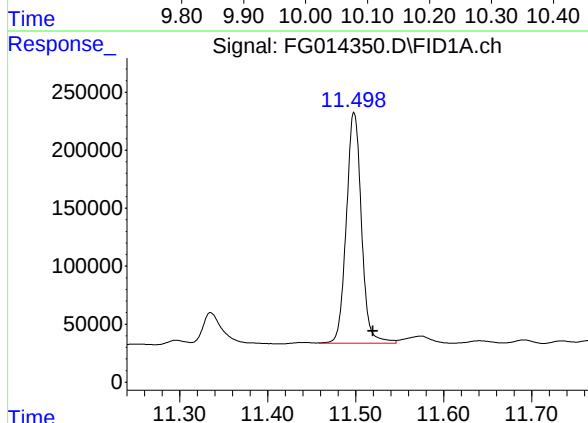
#5 N-HEXADECANE

R.T.: 10.052 min
Delta R.T.: -0.020 min
Response: 2294779
Conc: 20.92 ug/ml

Instrument :
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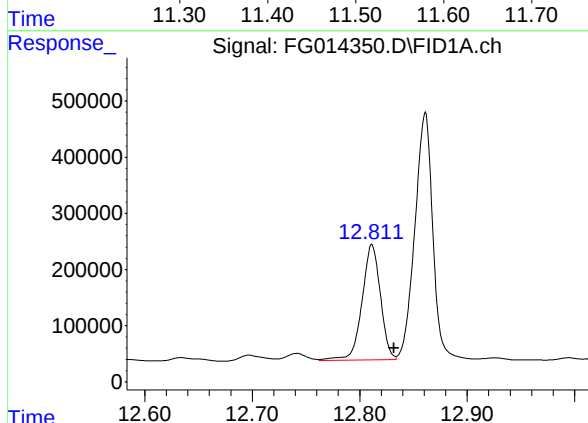
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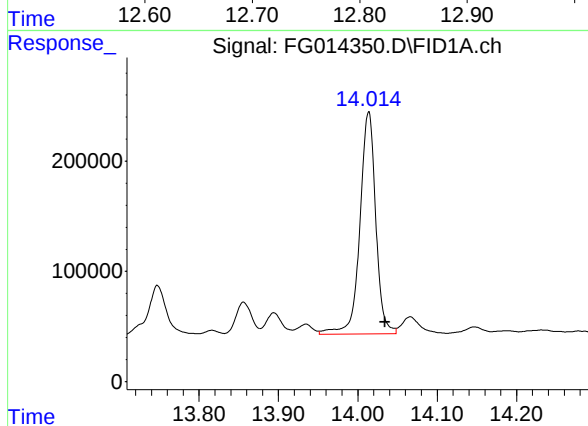
#6 N-OCTADECANE

R.T.: 11.498 min
Delta R.T.: -0.021 min
Response: 2372655
Conc: 21.10 ug/ml



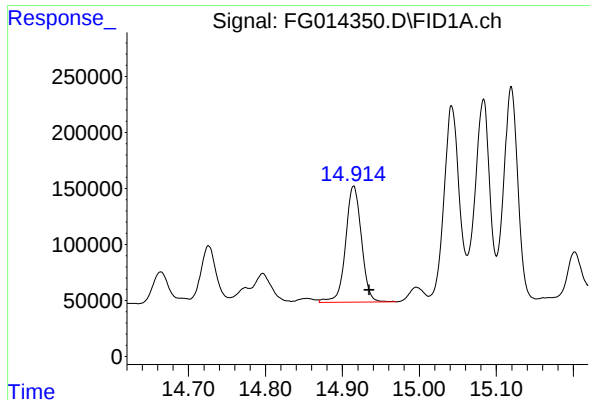
#7 N-EICOSANE

R.T.: 12.811 min
Delta R.T.: -0.020 min
Response: 2452602
Conc: 21.61 ug/ml



#8 N-DOCOSANE

R.T.: 14.014 min
Delta R.T.: -0.020 min
Response: 2805115
Conc: 25.30 ug/ml



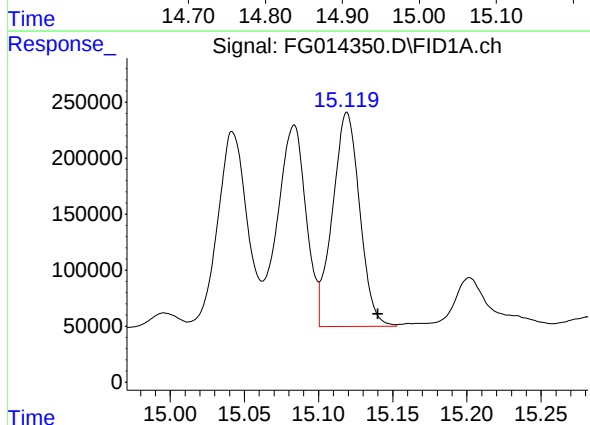
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.915 min
Delta R.T.: -0.020 min
Response: 1458889
Conc: 14.74 ug/ml

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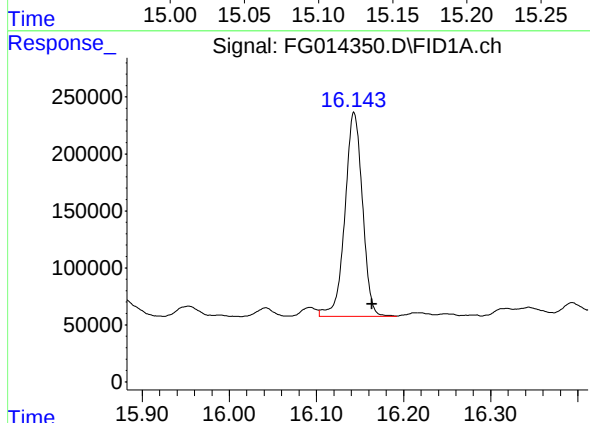
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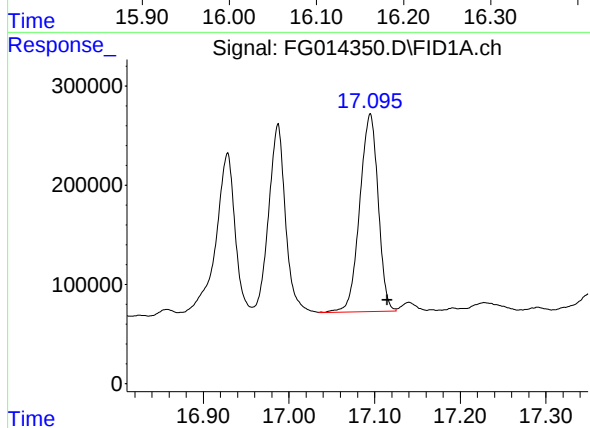
#10 N-TETRACOSANE

R.T.: 15.119 min
Delta R.T.: -0.021 min
Response: 2434845
Conc: 22.02 ug/ml



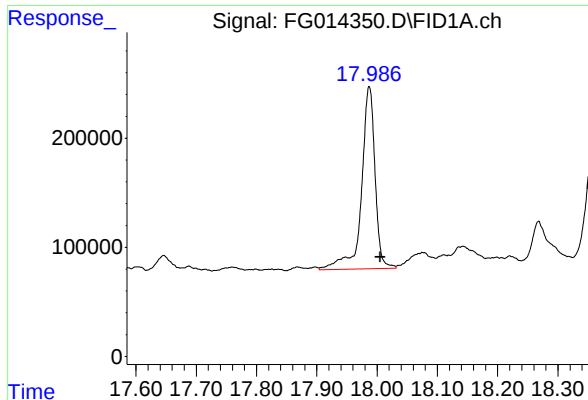
#11 N-HEXACOSANE

R.T.: 16.143 min
Delta R.T.: -0.021 min
Response: 2500671
Conc: 22.74 ug/ml



#12 N-OCTACOSANE

R.T.: 17.095 min
Delta R.T.: -0.020 min
Response: 2983718
Conc: 27.41 ug/ml



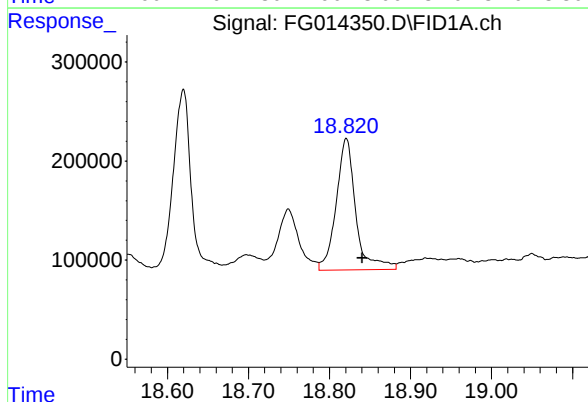
#13 N-TRIACONTANE

R.T.: 17.987 min
Delta R.T.: -0.018 min
Response: 2631799
Conc: 23.66 ug/ml

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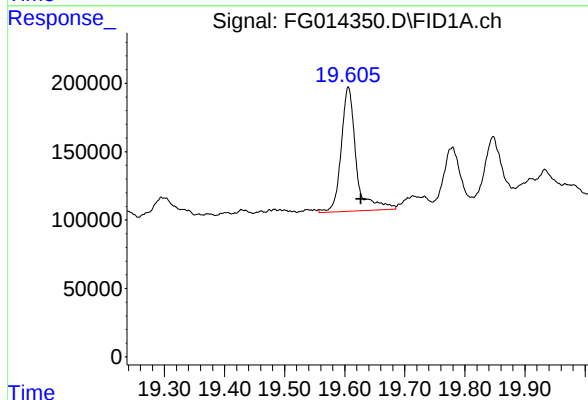
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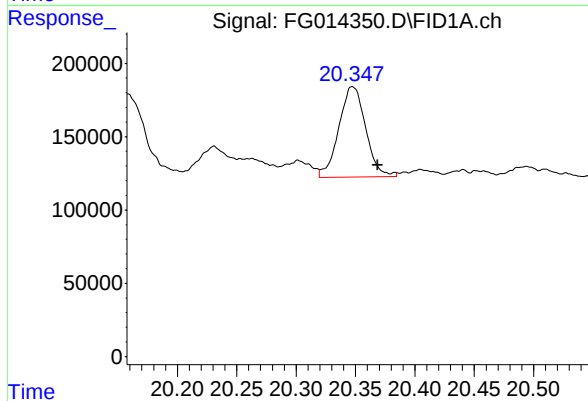
#14 N-DOTRIACONTANE

R.T.: 18.821 min
Delta R.T.: -0.020 min
Response: 2233783
Conc: 20.21 ug/ml



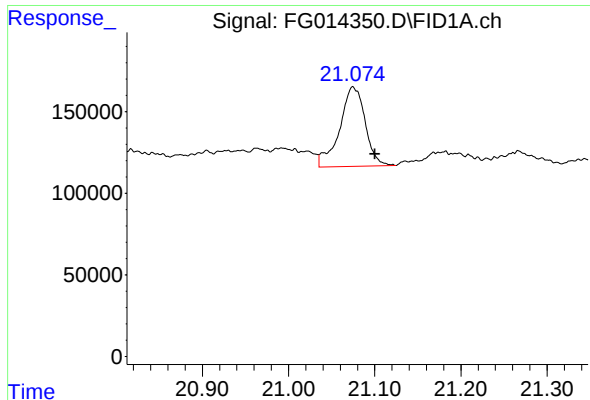
#15 N-TETRATRIACONTANE

R.T.: 19.605 min
Delta R.T.: -0.022 min
Response: 1577515
Conc: 14.76 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.347 min
Delta R.T.: -0.022 min
Response: 967201
Conc: 9.15 ug/ml m



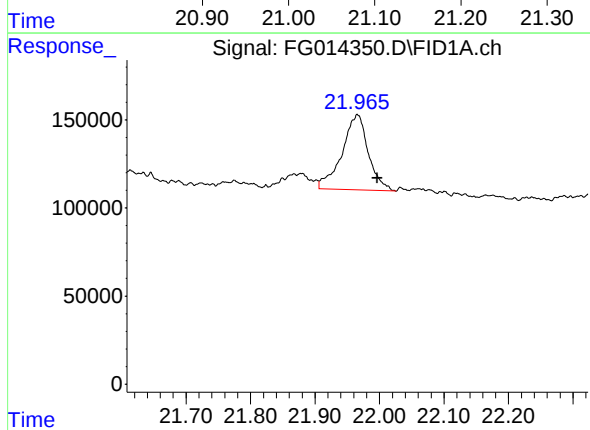
#17 N-OCTATRIACONTANE

R.T.: 21.075 min
Delta R.T.: -0.026 min
Response: 1007422
Conc: 10.59 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.966 min
Delta R.T.: -0.031 min
Response: 1208251
Conc: 12.88 ug/ml