

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224\
 Data File : FG014048.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 19:00
 Operator : YP\AJ
 Sample : P3441-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-02-08012024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 01:43:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.946	1323632	10.942 ug/ml
Target Compounds			
1) N-OCTANE	1.962	1833891	15.241 ug/ml
2) N-DECANE	4.468	2328840	18.679 ug/ml
3) N-DODECANE	6.640	2488532	18.860 ug/ml
4) N-TETRADECANE	8.472	2509185	19.191 ug/ml
5) N-HEXADECANE	10.084	2541056	19.066 ug/ml
6) N-OCTADECANE	11.530	2654607	19.425 ug/ml
7) N-EICOSANE	12.843	2680361	20.055 ug/ml
8) N-DOCOSANE	14.045	2611982	19.842 ug/ml
10) N-TETRACOSANE	15.151	2529319	19.377 ug/ml
11) N-HEXACOSANE	16.175	2534027	19.729 ug/ml
12) N-OCTACOSANE	17.127	2679698	21.127 ug/ml
13) N-TRIACONTANE	18.018	2844198	22.610 ug/ml
14) N-DOTRIACONTANE	18.853	2677473	21.944 ug/mlm
15) N-TETRATRIACONTANE	19.640	2345137	23.300 ug/mlm
16) N-HEXATRIACONTANE	20.381	1960472	23.463 ug/mlm
17) N-OCTATRIACONTANE	21.114	1779060	23.853 ug/mlm
18) N-TETRACONTANE	22.016	1766953	25.497 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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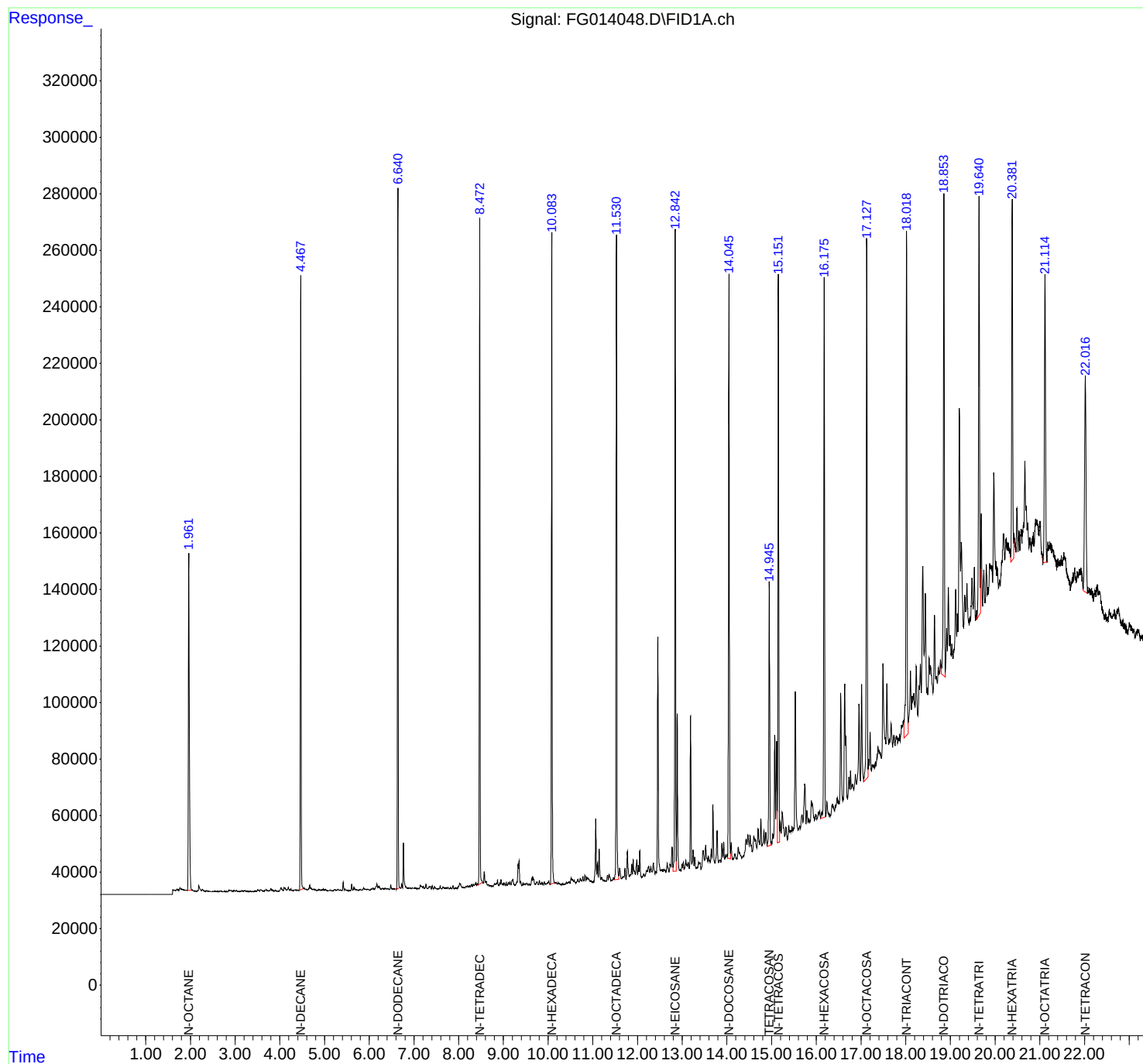
Instrument :
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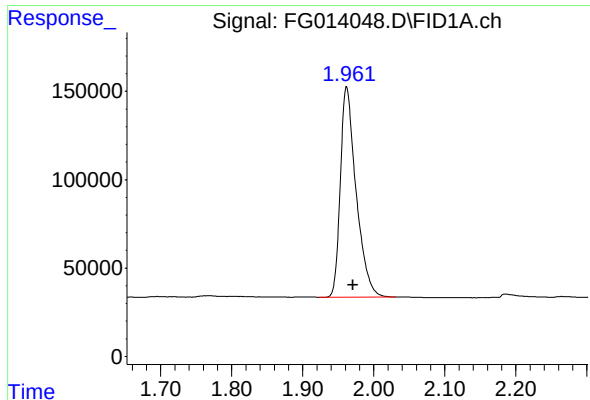
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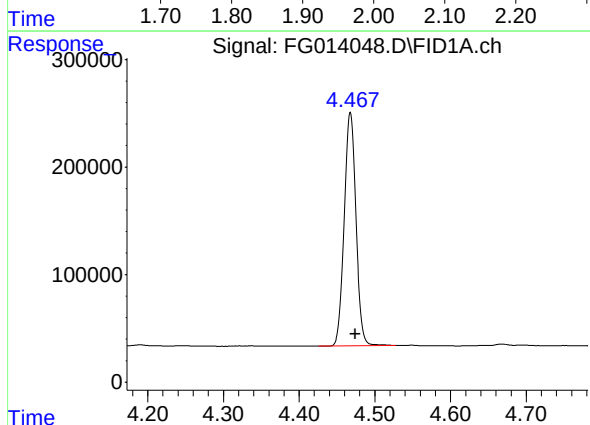
#1 N-OCTANE

R.T.: 1.962 min
Delta R.T.: -0.009 min
Response: 1833891
Conc: 15.24 ug/ml

Instrument :
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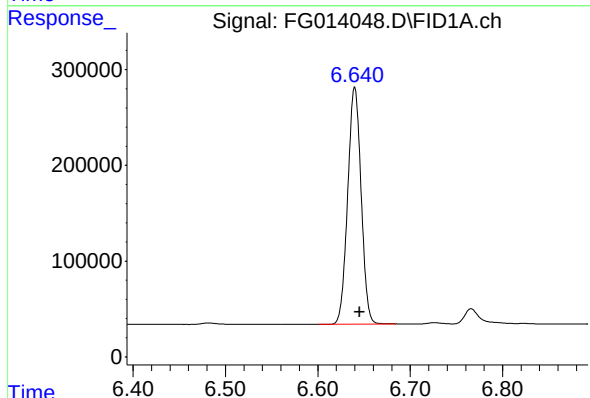
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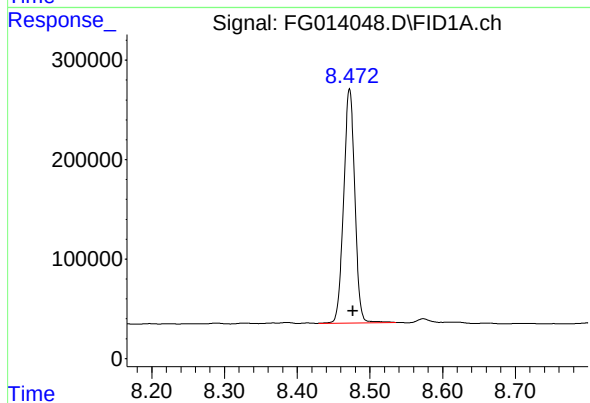
#2 N-DECANE

R.T.: 4.468 min
Delta R.T.: -0.006 min
Response: 2328840
Conc: 18.68 ug/ml



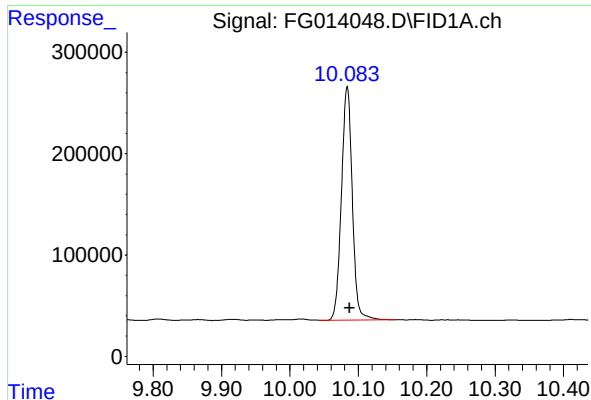
#3 N-DODECANE

R.T.: 6.640 min
Delta R.T.: -0.005 min
Response: 2488532
Conc: 18.86 ug/ml



#4 N-TETRADECANE

R.T.: 8.472 min
Delta R.T.: -0.005 min
Response: 2509185
Conc: 19.19 ug/ml



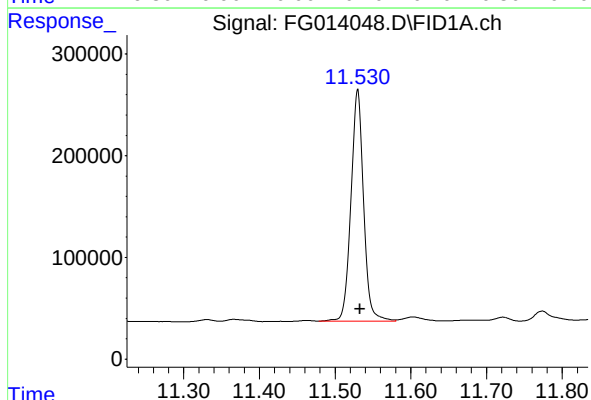
#5 N-HEXADECANE

R.T.: 10.084 min
Delta R.T.: -0.004 min
Response: 2541056
Conc: 19.07 ug/ml

Instrument :
FID_G
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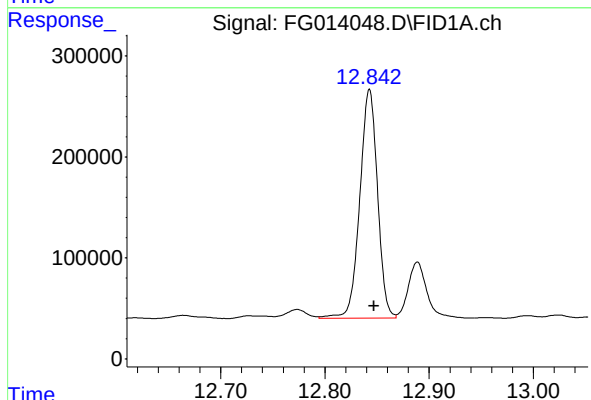
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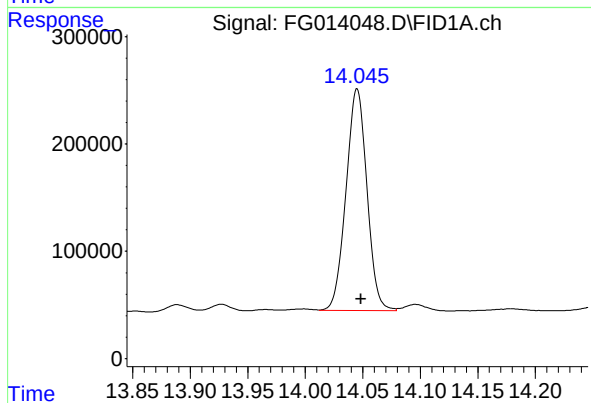
#6 N-OCTADECANE

R.T.: 11.530 min
Delta R.T.: -0.003 min
Response: 2654607
Conc: 19.43 ug/ml



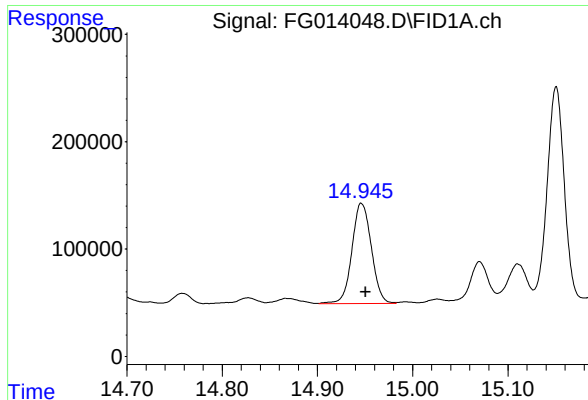
#7 N-EICOSANE

R.T.: 12.843 min
Delta R.T.: -0.004 min
Response: 2680361
Conc: 20.05 ug/ml



#8 N-DOCOSANE

R.T.: 14.045 min
Delta R.T.: -0.003 min
Response: 2611982
Conc: 19.84 ug/ml



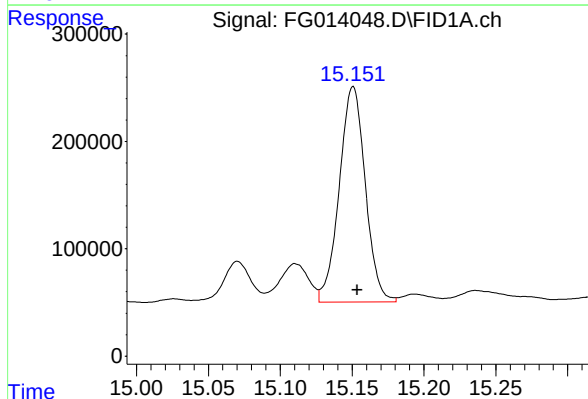
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.946 min
Delta R.T.: -0.004 min
Response: 1323632
Conc: 10.94 ug/ml

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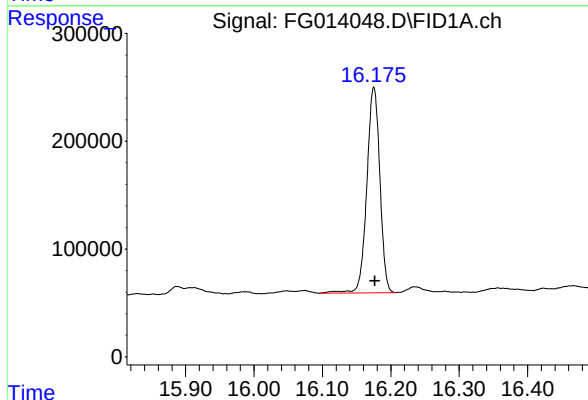
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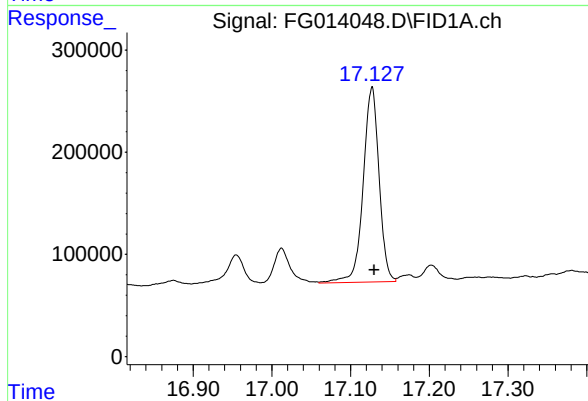
#10 N-TETRACOSANE

R.T.: 15.151 min
Delta R.T.: -0.003 min
Response: 2529319
Conc: 19.38 ug/ml



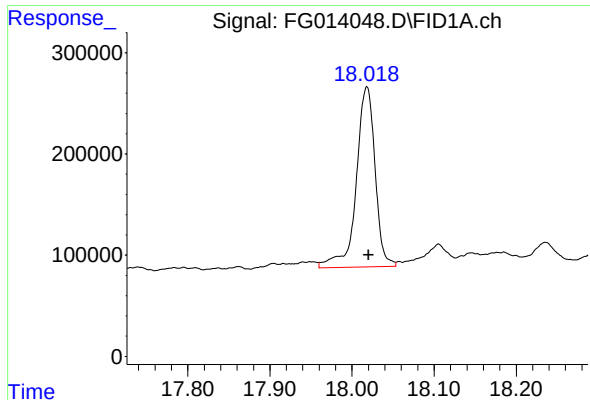
#11 N-HEXACOSANE

R.T.: 16.175 min
Delta R.T.: -0.002 min
Response: 2534027
Conc: 19.73 ug/ml



#12 N-OCTACOSANE

R.T.: 17.127 min
Delta R.T.: -0.003 min
Response: 2679698
Conc: 21.13 ug/ml



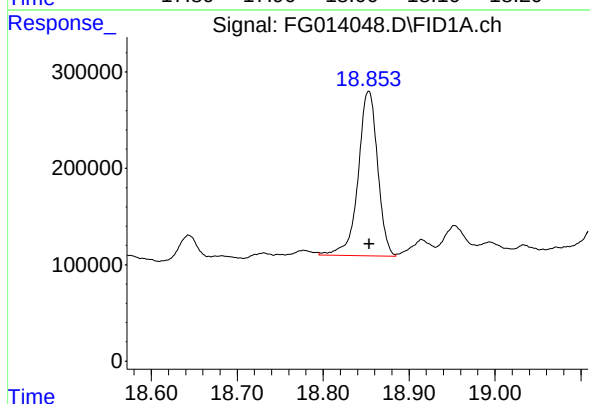
#13 N-TRIACONTANE

R.T.: 18.018 min
Delta R.T.: -0.002 min
Response: 2844198
Conc: 22.61 ug/ml

Instrument :
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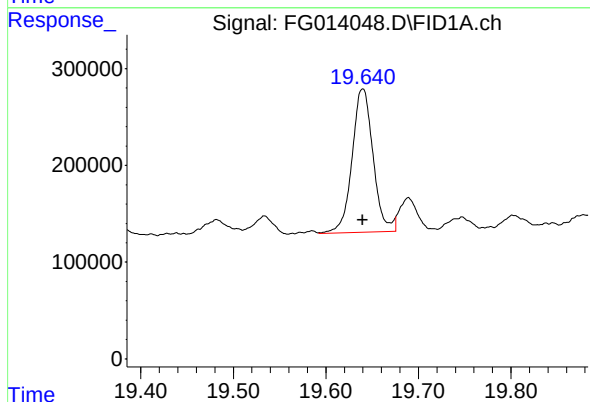
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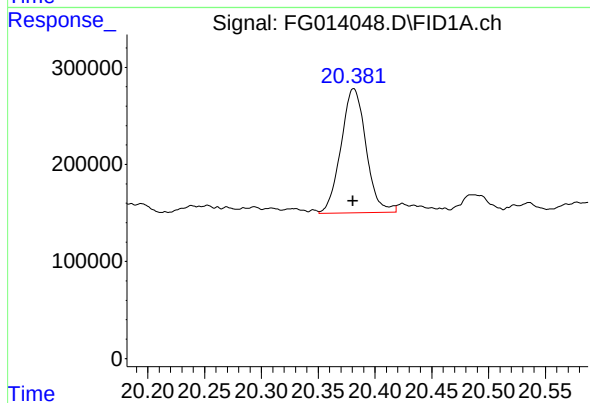
#14 N-DOTRIACONTANE

R.T.: 18.853 min
Delta R.T.: -0.001 min
Response: 2677473
Conc: 21.94 ug/ml



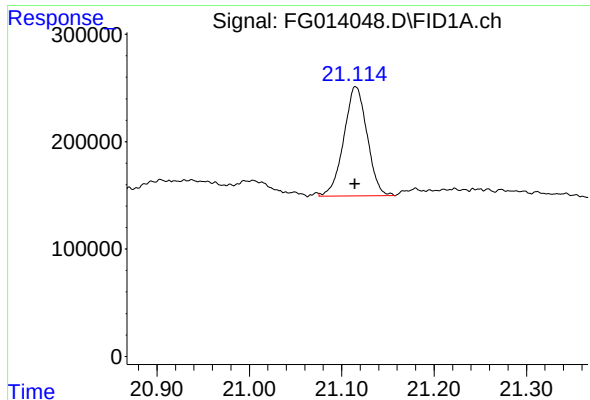
#15 N-TETRATRIACONTANE

R.T.: 19.640 min
Delta R.T.: 0.000 min
Response: 2345137
Conc: 23.30 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 1960472
Conc: 23.46 ug/ml



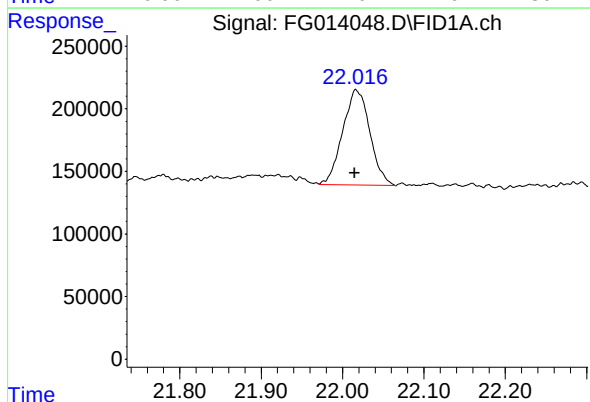
#17 N-OCTATRIACONTANE

R.T.: 21.114 min
Delta R.T.: 0.000 min
Response: 1779060
Conc: 23.85 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.016 min
Delta R.T.: 0.001 min
Response: 1766953
Conc: 25.50 ug/ml