

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102224\
 Data File : FF014742.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 18:45
 Operator : YP\AJ
 Sample : P4473-01MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

TS-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 04:04:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 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...	15.007	1458224	11.081 ug/mlm
Target Compounds			
1) N-OCTANE	2.048	1824253	13.112 ug/ml
2) N-DECANE	4.569	2268311	15.879 ug/ml
3) N-DODECANE	6.730	2509856	17.296 ug/ml
4) N-TETRADECANE	8.555	2590296	17.671 ug/ml
5) N-HEXADECANE	10.160	2732763	18.596 ug/ml
6) N-OCTADECANE	11.602	2991044	19.923 ug/ml
7) N-EICOSANE	12.912	2852923	18.806 ug/ml
8) N-DOCOSANE	14.109	2759867	18.755 ug/ml
10) N-TETRACOSANE	15.210	3007216	20.462 ug/ml
11) N-HEXACOSANE	16.231	2731715	18.702 ug/ml
12) N-OCTACOSANE	17.181	2791640	19.321 ug/ml
13) N-TRIACONTANE	18.068	2981966	20.370 ug/ml
14) N-DOTRIACONTANE	18.906	4616763	32.091 ug/ml
15) N-TETRATRIACONTANE	19.687	1389745	10.134 ug/mlm
16) N-HEXATRIACONTANE	20.422	878294	6.770 ug/ml
17) N-OCTATRIACONTANE	21.153	945809	8.223 ug/mlm
18) N-TETRACONTANE	22.059	740486	7.053 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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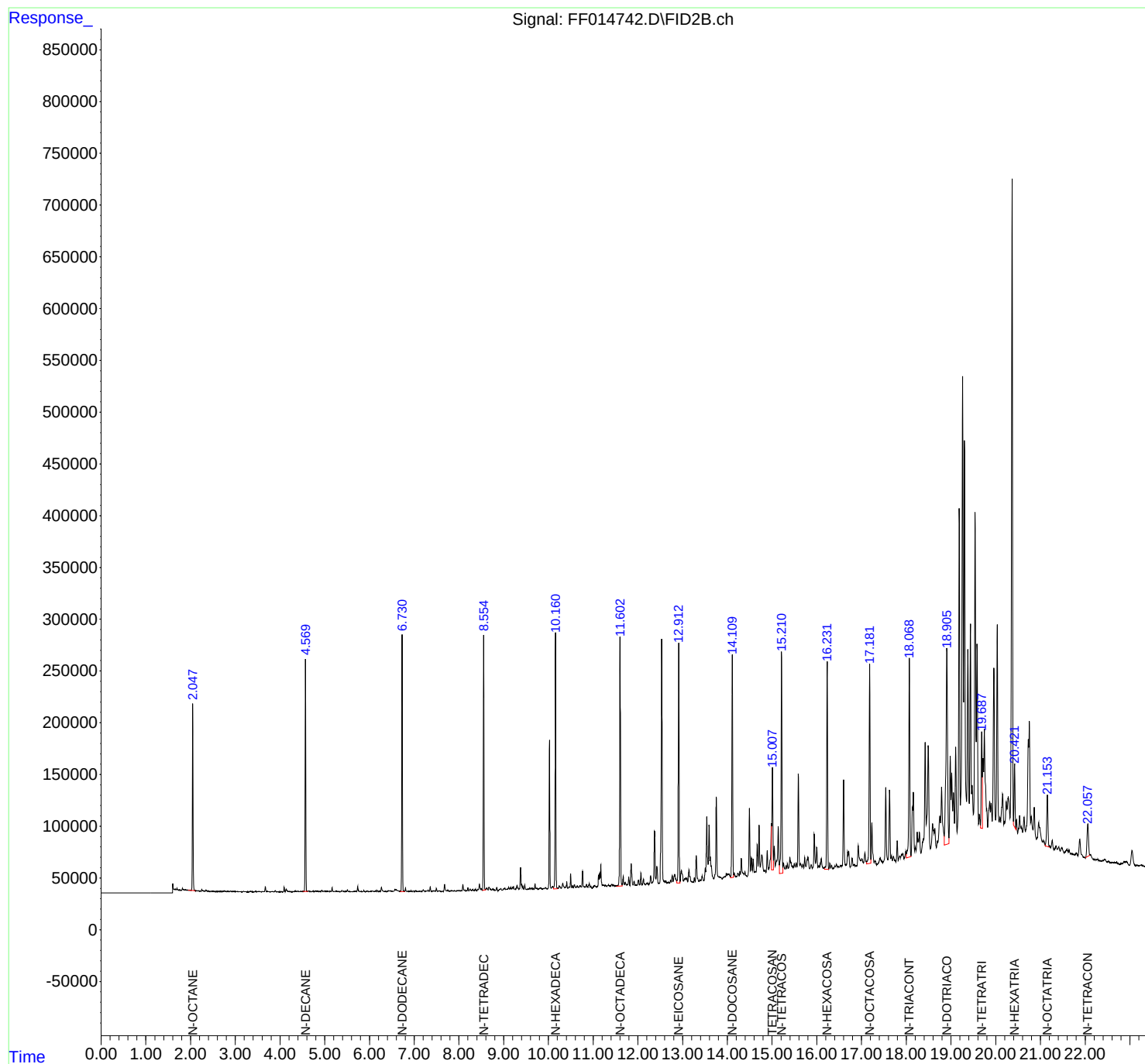
APPROVED

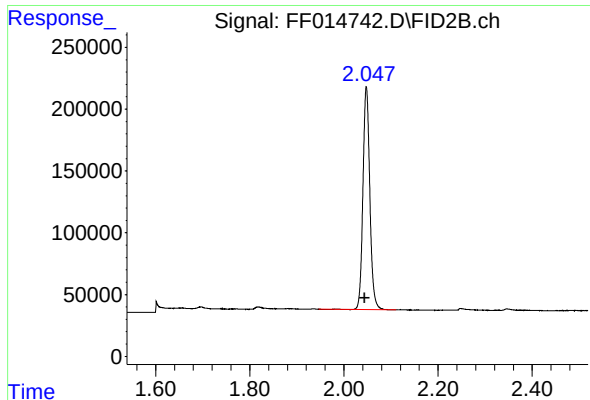
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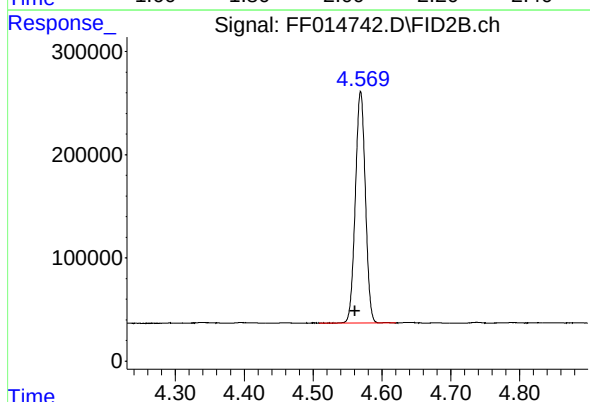
#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: 0.004 min
Response: 1824253
Conc: 13.11 ug/ml

Instrument :
FID_F
ClientSampleId :
TS-1MS

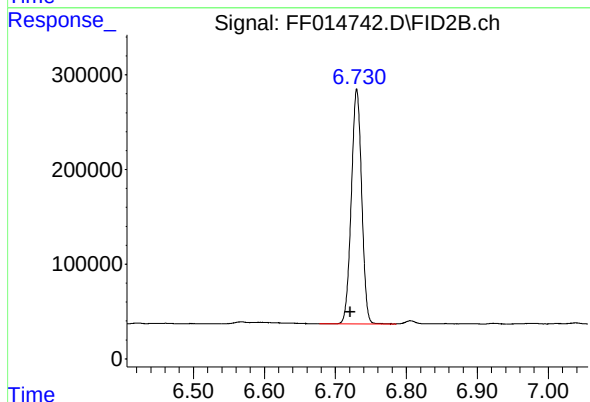
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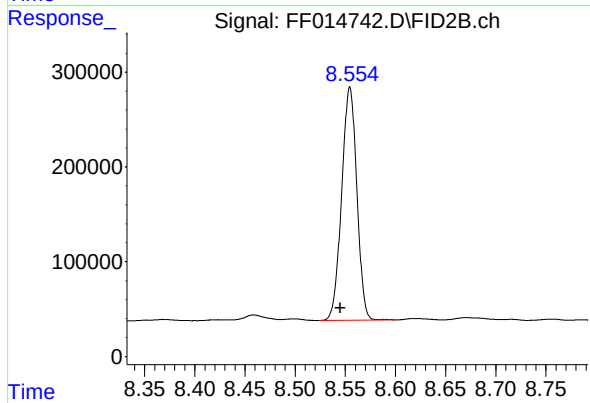
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: 0.008 min
Response: 2268311
Conc: 15.88 ug/ml



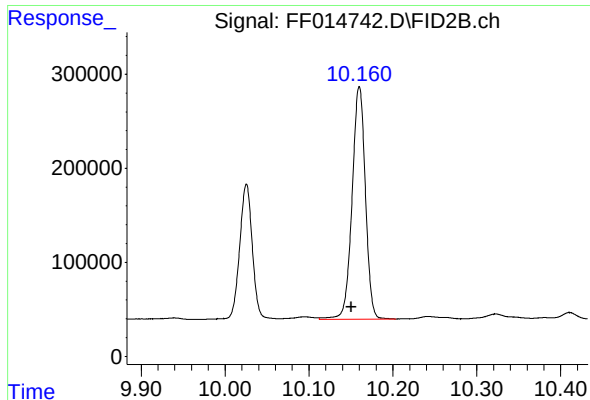
#3 N-DODECANE

R.T.: 6.730 min
Delta R.T.: 0.009 min
Response: 2509856
Conc: 17.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.555 min
Delta R.T.: 0.010 min
Response: 2590296
Conc: 17.67 ug/ml



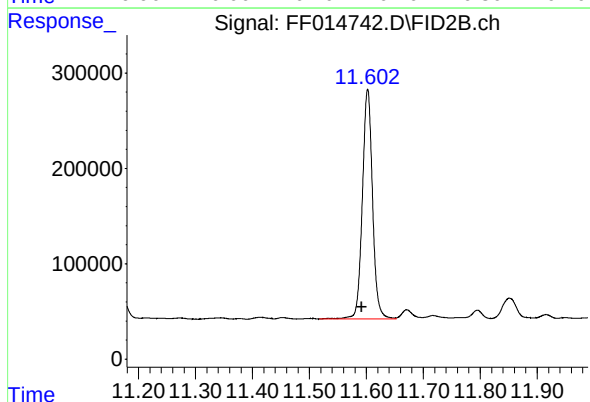
#5 N-HEXADECANE

R.T.: 10.160 min
Delta R.T.: 0.009 min
Response: 2732763
Conc: 18.60 ug/ml

Instrument :
FID_F
ClientSampleId :
TS-1MS

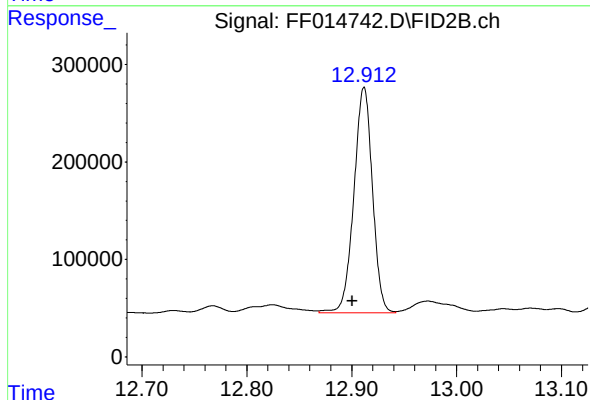
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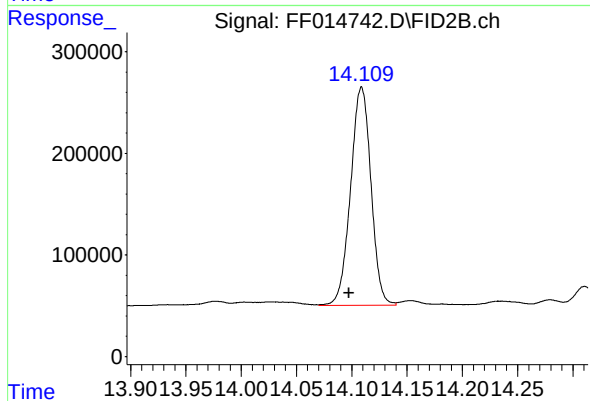
#6 N-OCTADECANE

R.T.: 11.602 min
Delta R.T.: 0.011 min
Response: 2991044
Conc: 19.92 ug/ml



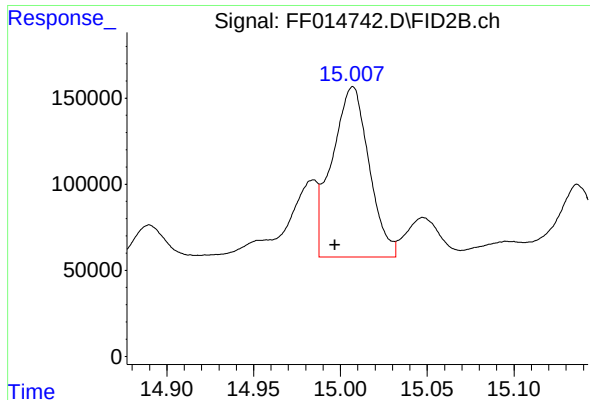
#7 N-EICOSANE

R.T.: 12.912 min
Delta R.T.: 0.011 min
Response: 2852923
Conc: 18.81 ug/ml



#8 N-DOCOSANE

R.T.: 14.109 min
Delta R.T.: 0.011 min
Response: 2759867
Conc: 18.76 ug/ml



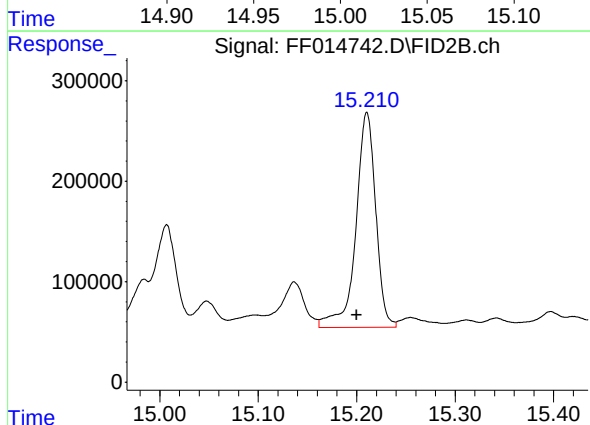
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.007 min
Delta R.T.: 0.010 min
Response: 1458224
Conc: 11.08 ug/ml

Instrument :
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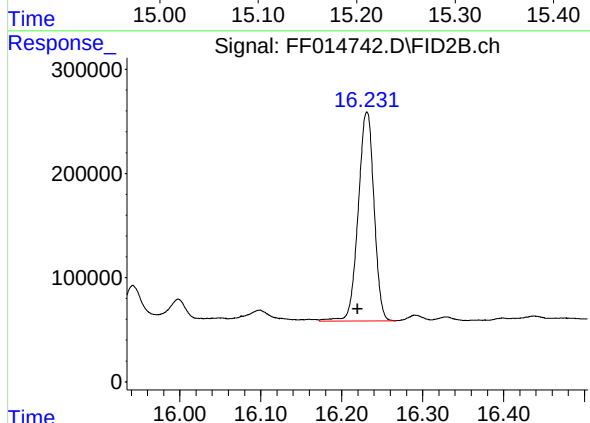
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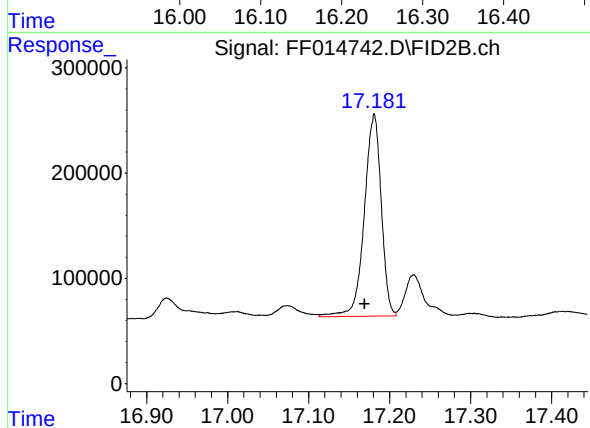
#10 N-TETRACOSANE

R.T.: 15.210 min
Delta R.T.: 0.011 min
Response: 3007216
Conc: 20.46 ug/ml



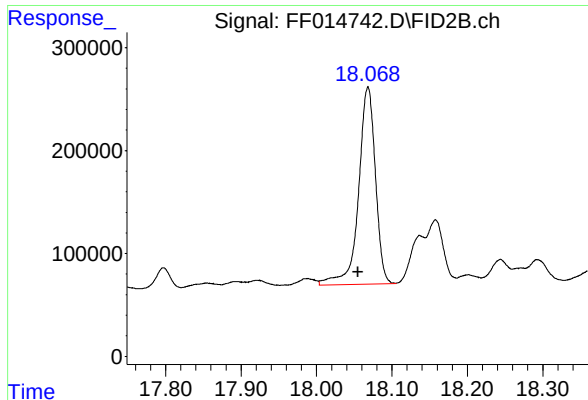
#11 N-HEXACOSANE

R.T.: 16.231 min
Delta R.T.: 0.011 min
Response: 2731715
Conc: 18.70 ug/ml



#12 N-OCTACOSANE

R.T.: 17.181 min
Delta R.T.: 0.011 min
Response: 2791640
Conc: 19.32 ug/ml



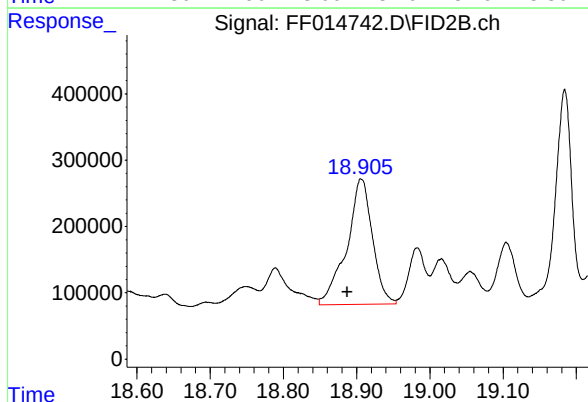
#13 N-TRIACONTANE

R.T.: 18.068 min
Delta R.T.: 0.013 min
Response: 2981966
Conc: 20.37 ug/ml

Instrument :
FID_F
ClientSampleId :
TS-1MS

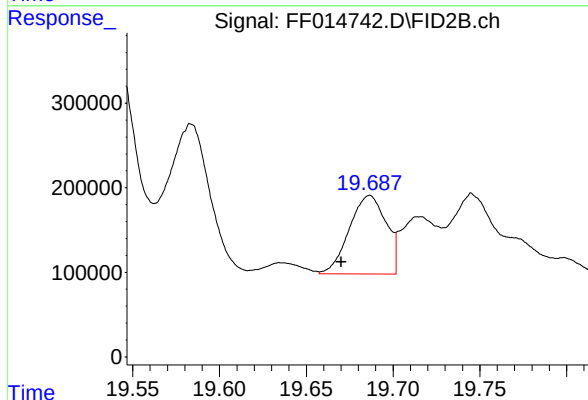
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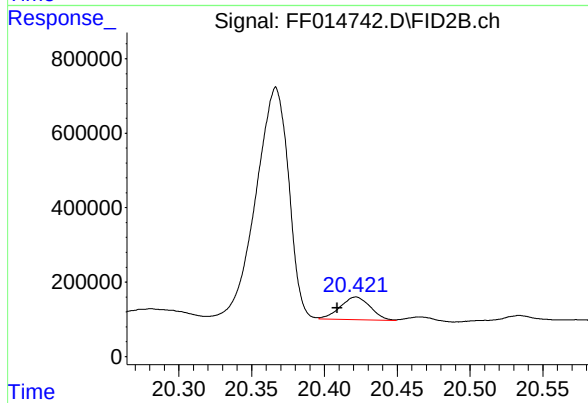
#14 N-DOTRIACONTANE

R.T.: 18.906 min
Delta R.T.: 0.019 min
Response: 4616763
Conc: 32.09 ug/ml



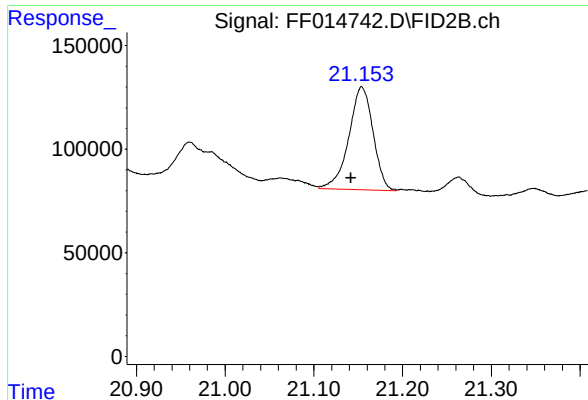
#15 N-TETRATRIACONTANE

R.T.: 19.687 min
Delta R.T.: 0.016 min
Response: 1389745
Conc: 10.13 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.422 min
Delta R.T.: 0.013 min
Response: 878294
Conc: 6.77 ug/ml



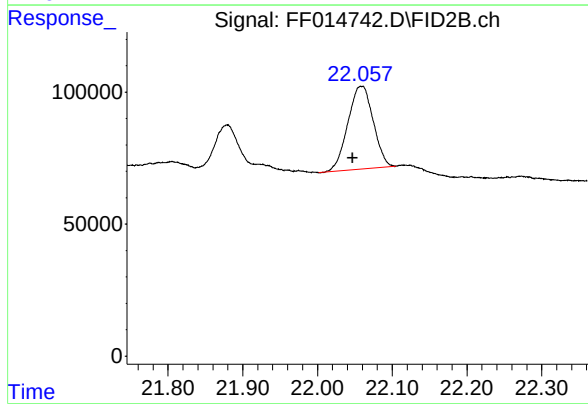
#17 N-OCTATRIACONTANE

R.T.: 21.153 min
Delta R.T.: 0.011 min
Response: 945809
Conc: 8.22 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.059 min
Delta R.T.: 0.012 min
Response: 740486
Conc: 7.05 ug/ml