

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023\
 Data File : FE044038.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 19:28
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :Ankita Jodhani 08/31/2023

Integration File: autoint1.e
 Quant Time: Aug 31 02:42:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:42:26 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...	15.029	766367	5.228 ug/mlm
Target Compounds			
1) N-OCTANE	2.043	872386	5.365 ug/ml
2) N-DECANE	4.573	906056	5.374 ug/ml
3) N-DODECANE	6.738	919432	5.397 ug/ml
4) N-TETRADECANE	8.566	928913	5.400 ug/ml
5) N-HEXADECANE	10.175	922590	5.350 ug/ml
6) N-OCTADECANE	11.619	926163	5.331 ug/ml
7) N-EICOSANE	12.930	901069	5.277 ug/ml
8) N-DOCOSANE	14.129	874872	5.208 ug/ml
10) N-TETRACOSANE	15.232	863097	5.227 ug/ml
11) N-HEXACOSANE	16.255	840079	5.224 ug/ml
12) N-OCTACOSANE	17.206	820759	5.250 ug/ml
13) N-TRIACONTANE	18.096	793958	5.304 ug/ml
14) N-DOTRIACONTANE	18.929	728205	5.352 ug/ml
15) N-TETRATRIACONTANE	19.714	647970	5.381 ug/ml
16) N-HEXATRIACONTANE	20.456	575466	5.411 ug/mlm
17) N-OCTATRIACONTANE	21.201	581552	5.842 ug/mlm
18) N-TETRACONTANE	22.123	529947	5.525 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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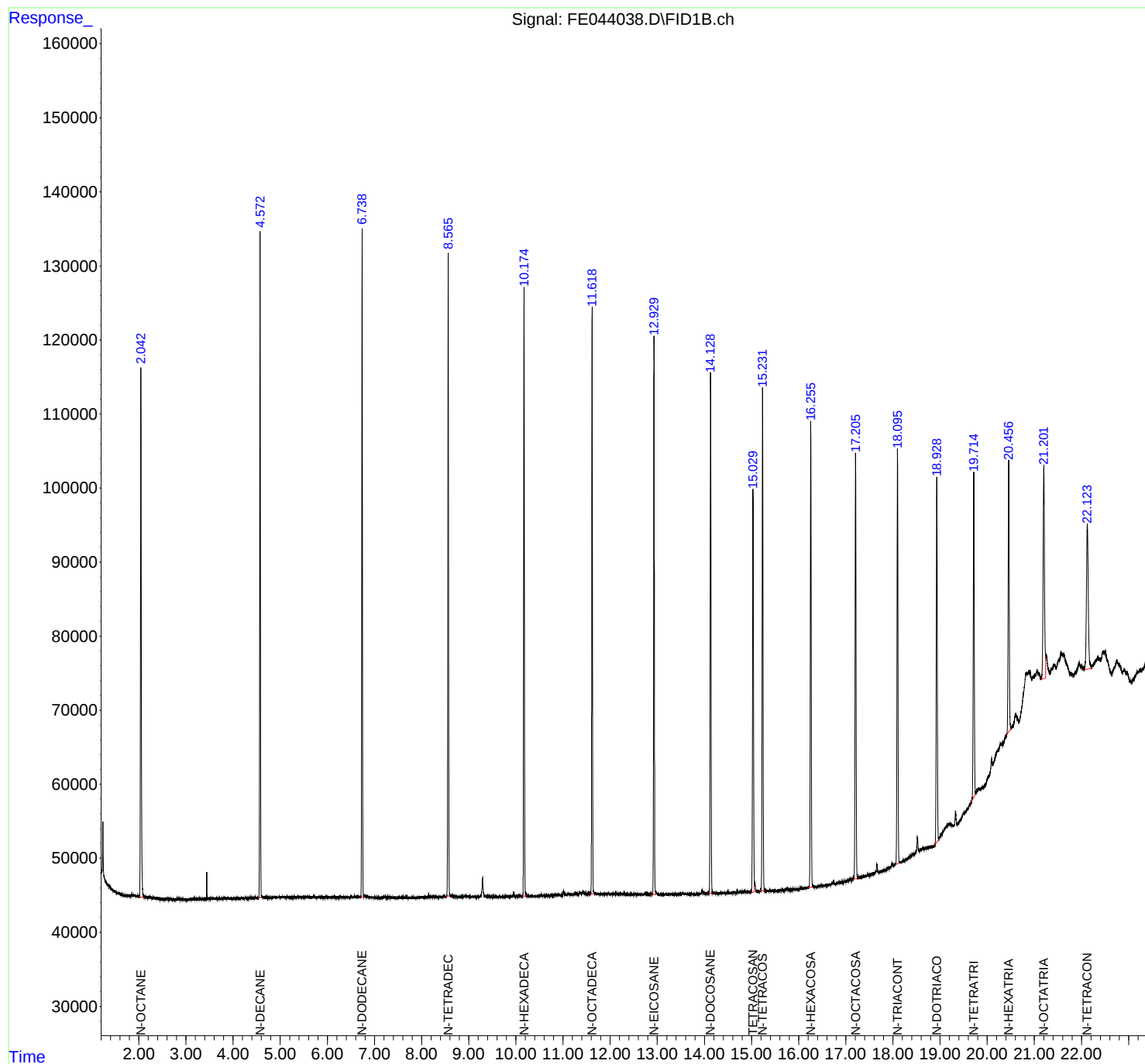
Instrument :
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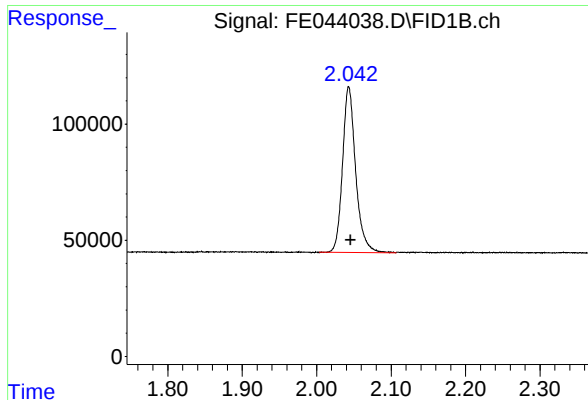
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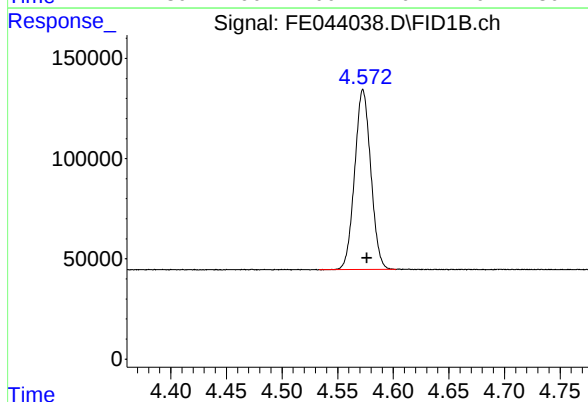
#1 N-OCTANE

R.T.: 2.043 min
Delta R.T.: -0.003 min
Response: 872386
Conc: 5.37 ug/ml

Instrument :
FID_E
ClientSampleId :
5 TRPH STD

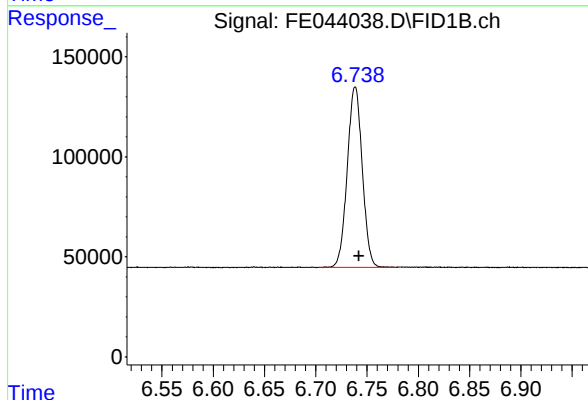
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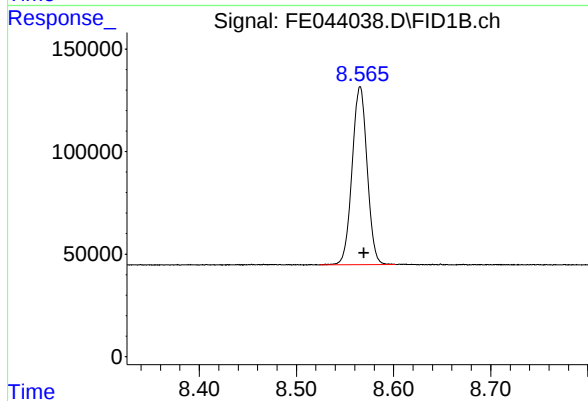
#2 N-DECANE

R.T.: 4.573 min
Delta R.T.: -0.004 min
Response: 906056
Conc: 5.37 ug/ml



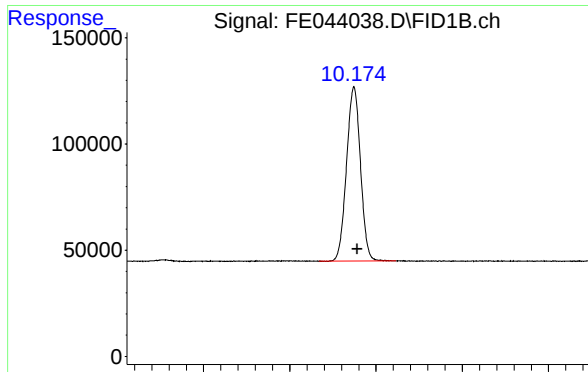
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 919432
Conc: 5.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 928913
Conc: 5.40 ug/ml



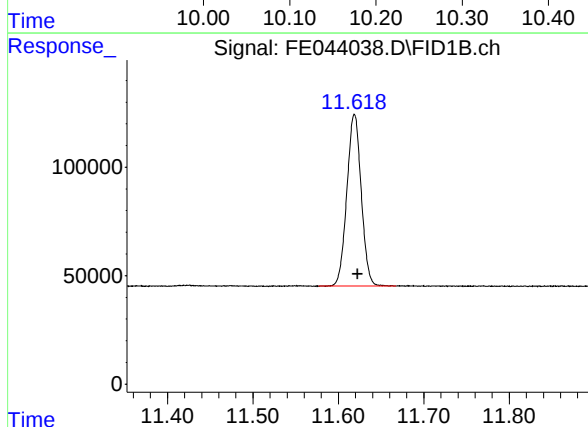
#5 N-HEXADECANE

R.T.: 10.175 min
Delta R.T.: -0.004 min
Response: 922590
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5 TRPH STD

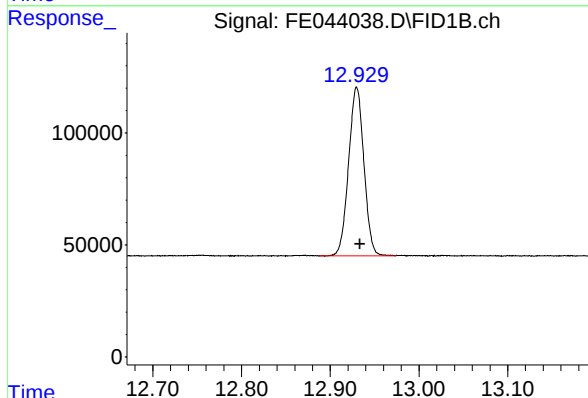
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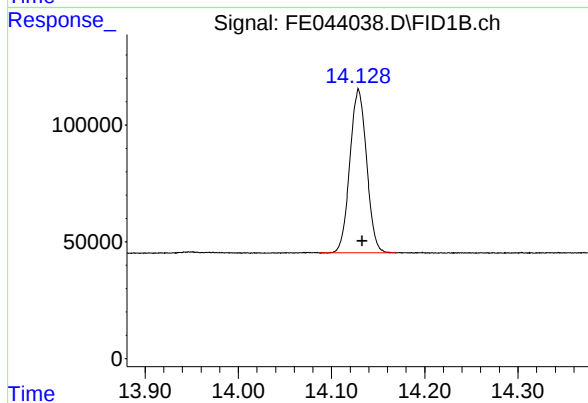
#6 N-OCTADECANE

R.T.: 11.619 min
Delta R.T.: -0.004 min
Response: 926163
Conc: 5.33 ug/ml



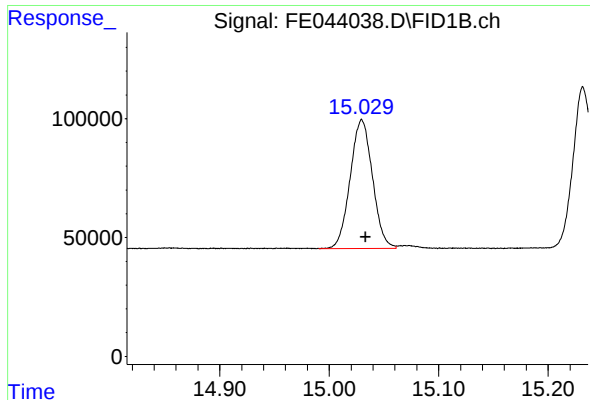
#7 N-EICOSANE

R.T.: 12.930 min
Delta R.T.: -0.004 min
Response: 901069
Conc: 5.28 ug/ml



#8 N-DOCOSANE

R.T.: 14.129 min
Delta R.T.: -0.004 min
Response: 874872
Conc: 5.21 ug/ml



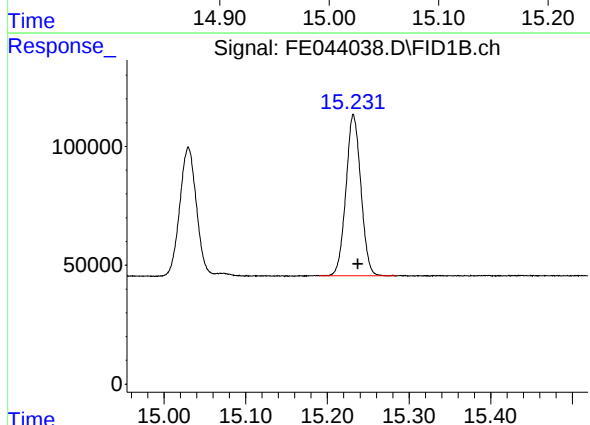
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.029 min
Delta R.T.: -0.004 min
Response: 766367
Conc: 5.23 ug/ml

Instrument :
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ClientSampleId :
5 TRPH STD

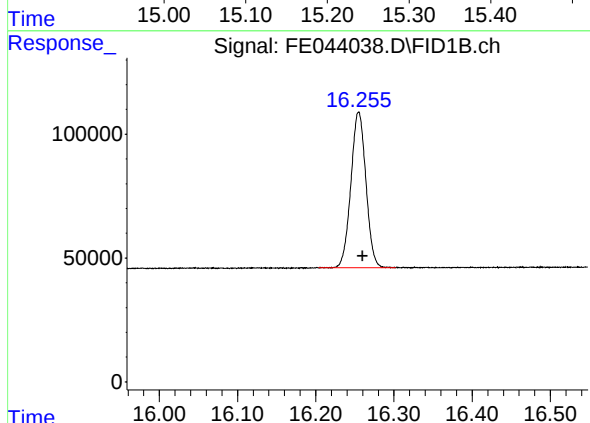
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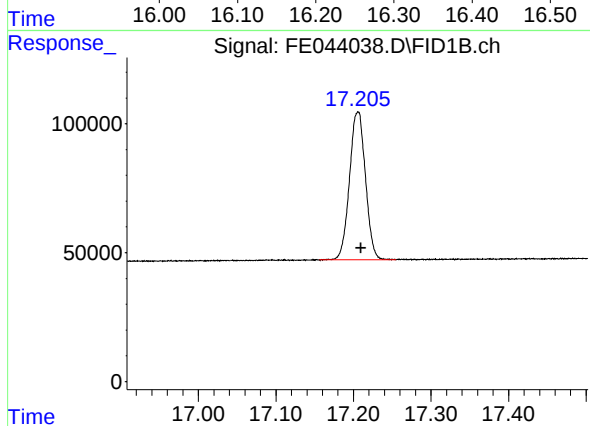
#10 N-TETRACOSANE

R.T.: 15.232 min
Delta R.T.: -0.006 min
Response: 863097
Conc: 5.23 ug/ml



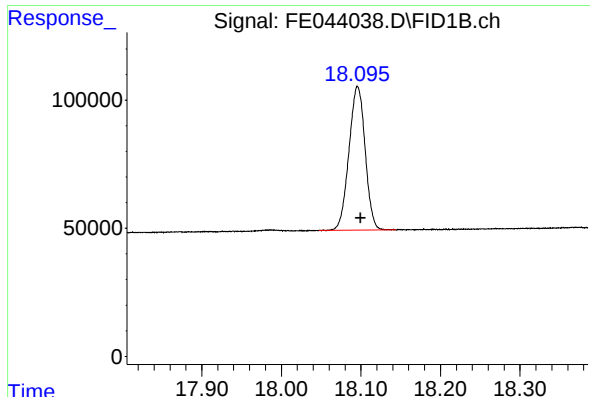
#11 N-HEXACOSANE

R.T.: 16.255 min
Delta R.T.: -0.005 min
Response: 840079
Conc: 5.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.206 min
Delta R.T.: -0.004 min
Response: 820759
Conc: 5.25 ug/ml



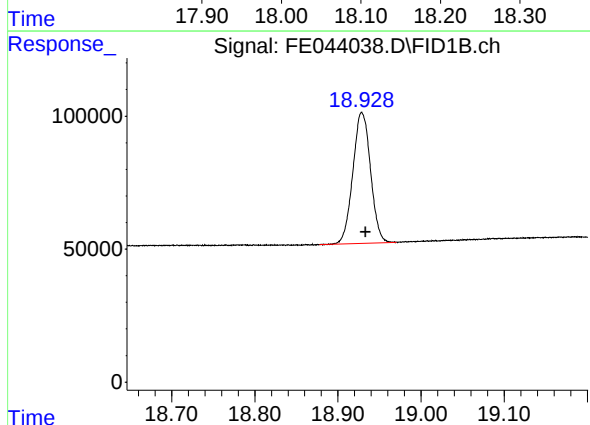
#13 N-TRIACONTANE

R.T.: 18.096 min
Delta R.T.: -0.004 min
Response: 793958
Conc: 5.30 ug/ml

Instrument :
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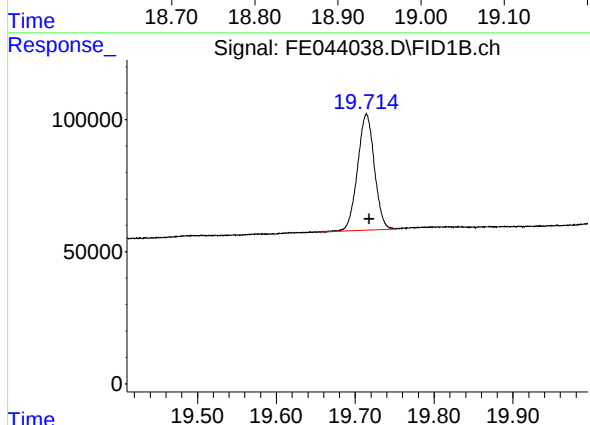
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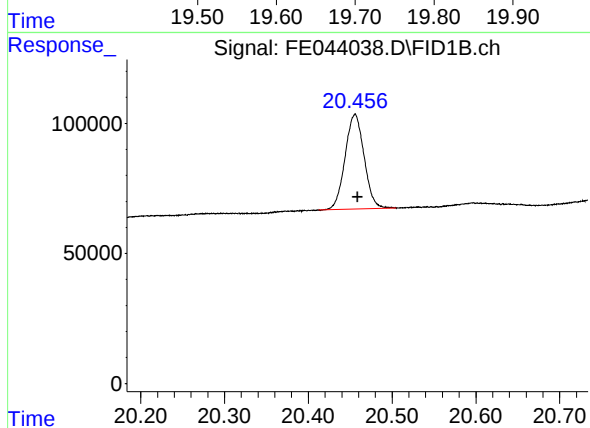
#14 N-DOTRIACONTANE

R.T.: 18.929 min
Delta R.T.: -0.005 min
Response: 728205
Conc: 5.35 ug/ml



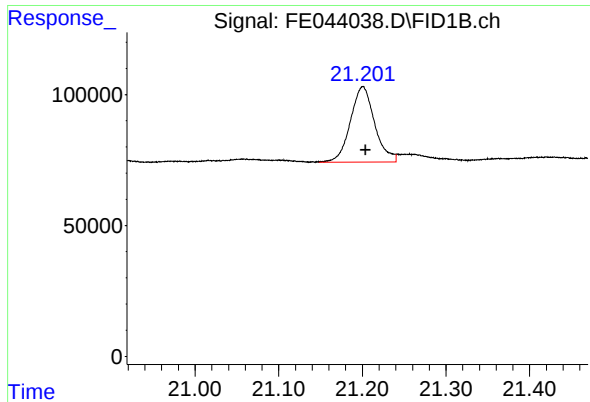
#15 N-TETRATRIACONTANE

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 647970
Conc: 5.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.456 min
Delta R.T.: -0.003 min
Response: 575466
Conc: 5.41 ug/ml m



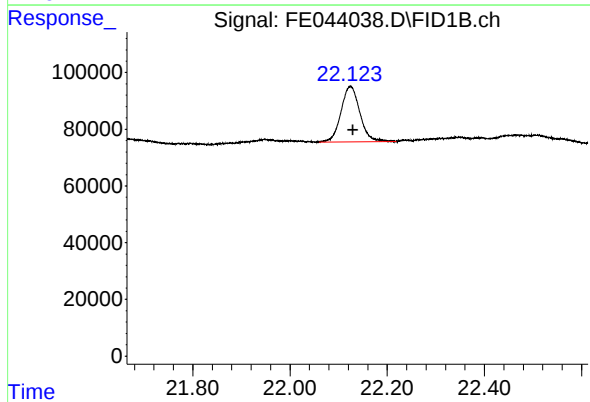
#17 N-OCTATRIACONTANE

R.T.: 21.201 min
Delta R.T.: -0.003 min
Response: 581552
Conc: 5.84 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.123 min
Delta R.T.: -0.007 min
Response: 529947
Conc: 5.53 ug/ml m