

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080524\
 Data File : FE049449.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2024 13:39
 Operator : YP\AJ
 Sample : P3390-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-05-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 01:12:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:50:04 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...	14.980	1879982	14.701 ug/ml
Target Compounds			
1) N-OCTANE	2.018	614562	4.373 ug/ml
2) N-DECANE	4.532	718264	5.125 ug/ml
3) N-DODECANE	6.701	705608	4.966 ug/ml
4) N-TETRADECANE	8.528	754415	5.330 ug/ml
5) N-HEXADECANE	10.134	728800	5.175 ug/ml
6) N-OCTADECANE	11.575	744306	5.188 ug/ml
7) N-EICOSANE	12.883	762464	5.409 ug/mlm
8) N-DOCOSANE	14.081	744908	5.351 ug/ml
10) N-TETRACOSANE	15.183	747070	5.360 ug/ml
11) N-HEXACOSANE	16.203	749845	5.374 ug/ml
12) N-OCTACOSANE	17.151	754257	5.375 ug/ml
13) N-TRIACONTANE	18.037	814230	5.706 ug/ml
14) N-DOTRIACONTANE	18.869	833641	5.935 ug/ml
15) N-TETRATRIACONTANE	19.652	760883	6.254 ug/ml
16) N-HEXATRIACONTANE	20.390	657243	6.415 ug/ml
17) N-OCTATRIACONTANE	21.119	621687	6.589 ug/mlm
18) N-TETRACONTANE	22.017	616501	6.514 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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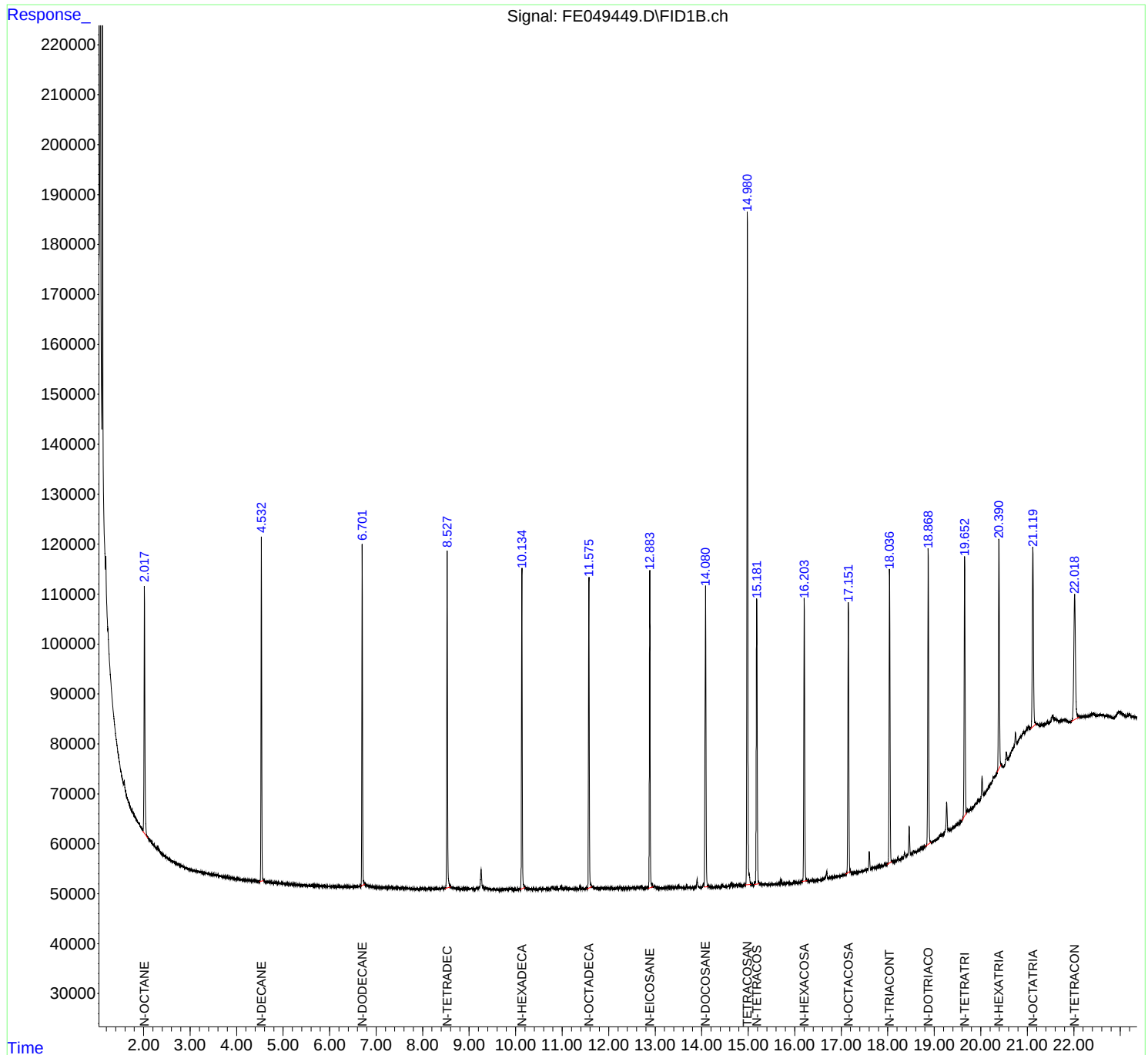
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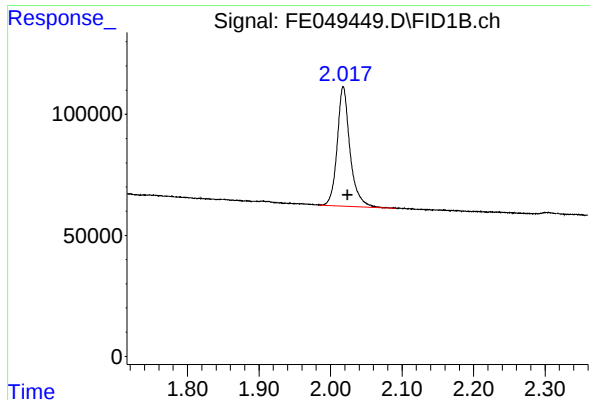
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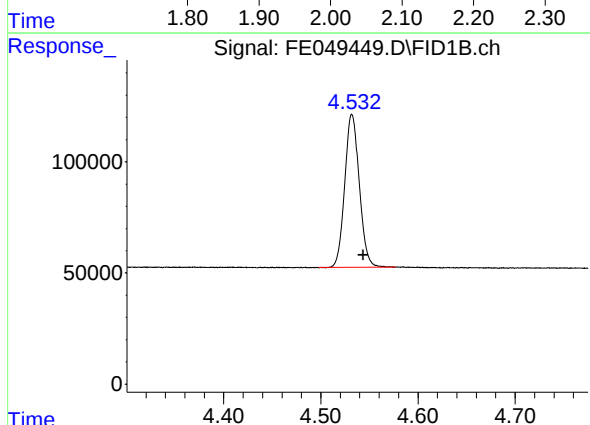
#1 N-OCTANE

R.T.: 2.018 min
Delta R.T.: -0.006 min
Response: 614562
Conc: 4.37 ug/ml

Instrument :
FID_E
ClientSampleId :
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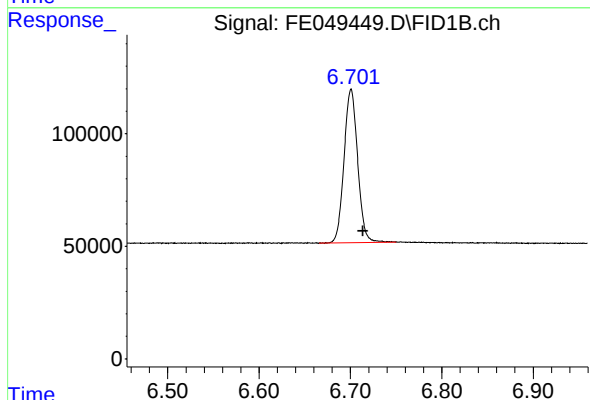
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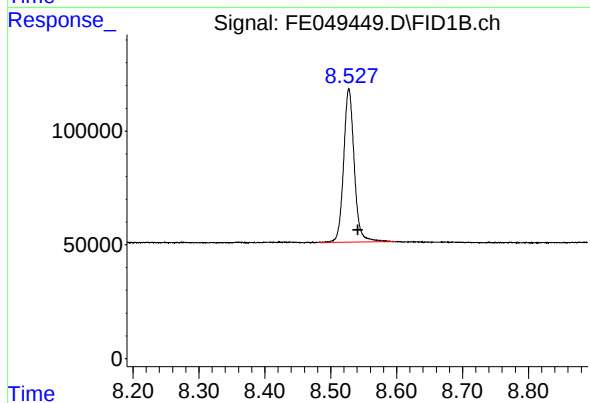
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: -0.011 min
Response: 718264
Conc: 5.13 ug/ml



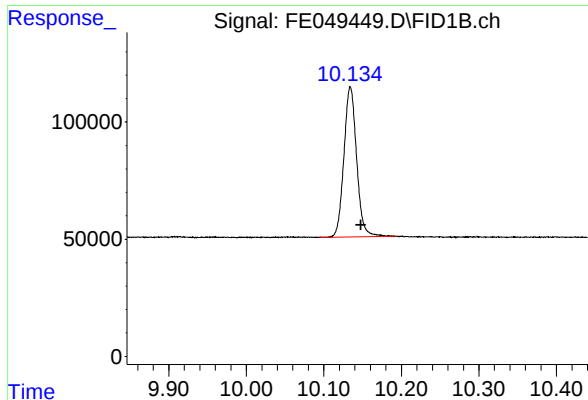
#3 N-DODECANE

R.T.: 6.701 min
Delta R.T.: -0.013 min
Response: 705608
Conc: 4.97 ug/ml



#4 N-TETRADECANE

R.T.: 8.528 min
Delta R.T.: -0.014 min
Response: 754415
Conc: 5.33 ug/ml



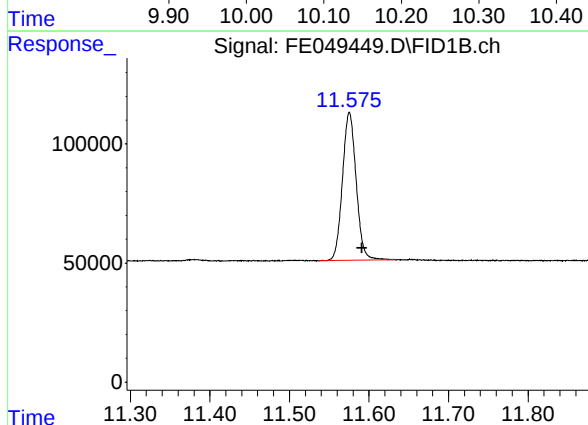
#5 N-HEXADECANE

R.T.: 10.134 min
Delta R.T.: -0.014 min
Response: 728800
Conc: 5.17 ug/ml

Instrument :
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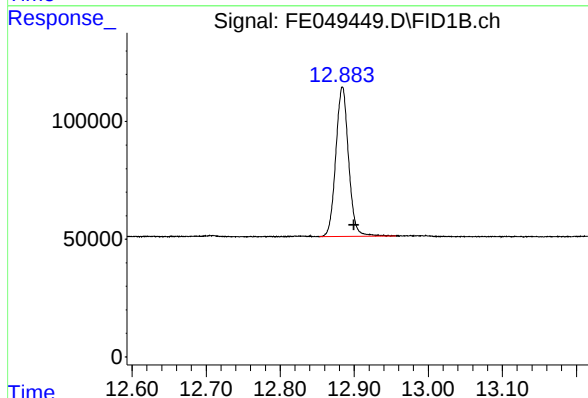
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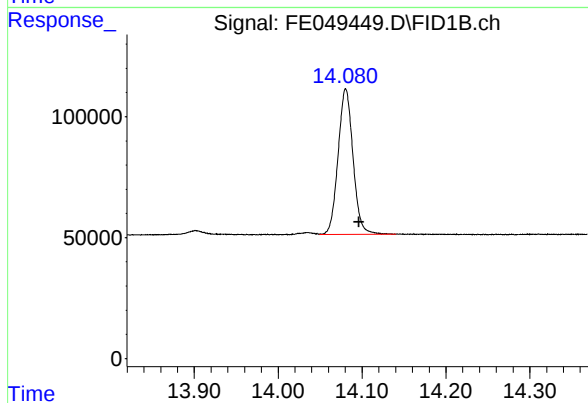
#6 N-OCTADECANE

R.T.: 11.575 min
Delta R.T.: -0.016 min
Response: 744306
Conc: 5.19 ug/ml



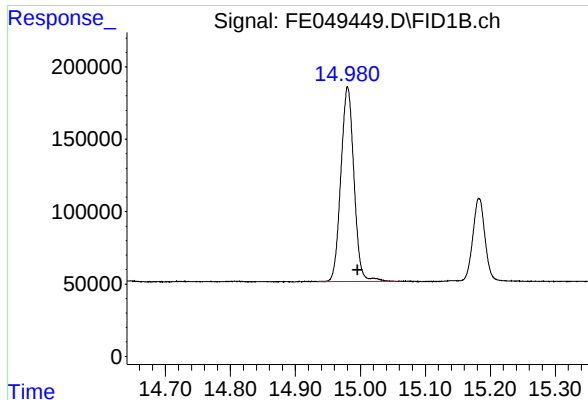
#7 N-EICOSANE

R.T.: 12.883 min
Delta R.T.: -0.016 min
Response: 762464
Conc: 5.41 ug/ml m



#8 N-DOCOSANE

R.T.: 14.081 min
Delta R.T.: -0.016 min
Response: 744908
Conc: 5.35 ug/ml



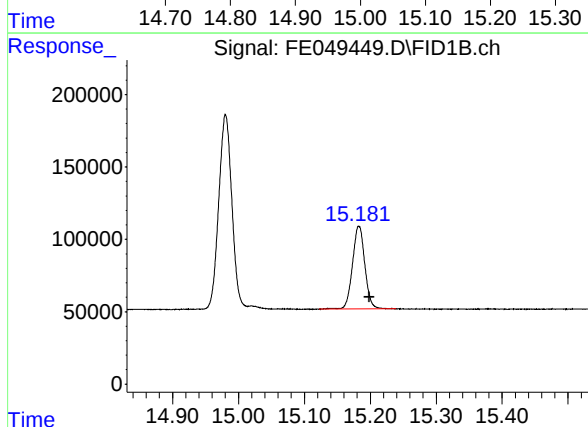
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.980 min
Delta R.T.: -0.016 min
Response: 1879982
Conc: 14.70 ug/ml

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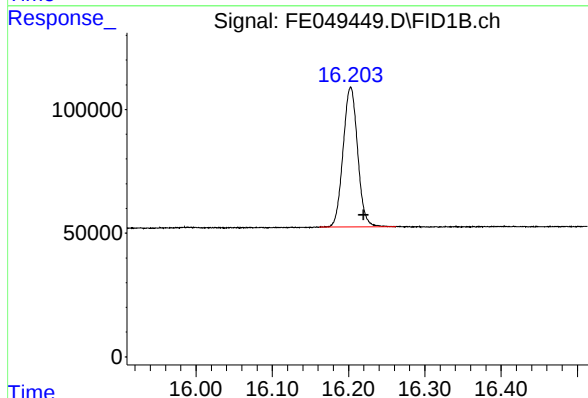
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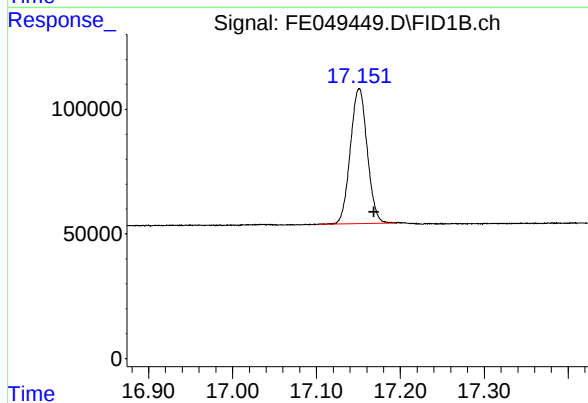
#10 N-TETRACOSANE

R.T.: 15.183 min
Delta R.T.: -0.016 min
Response: 747070
Conc: 5.36 ug/ml



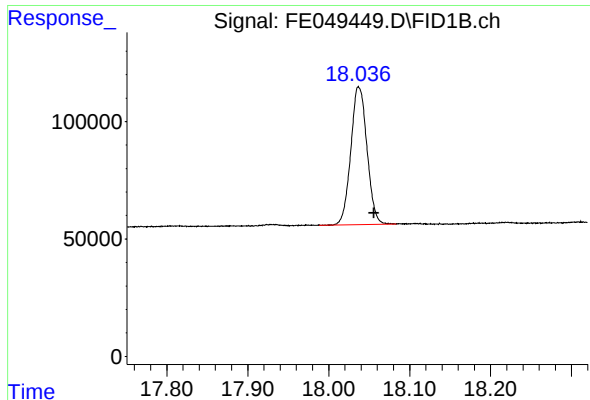
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.017 min
Response: 749845
Conc: 5.37 ug/ml



#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: -0.018 min
Response: 754257
Conc: 5.38 ug/ml



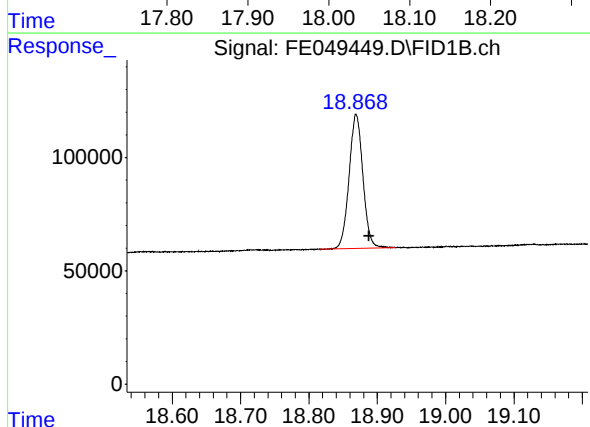
#13 N-TRIACONTANE

R.T.: 18.037 min
Delta R.T.: -0.019 min
Response: 814230
Conc: 5.71 ug/ml

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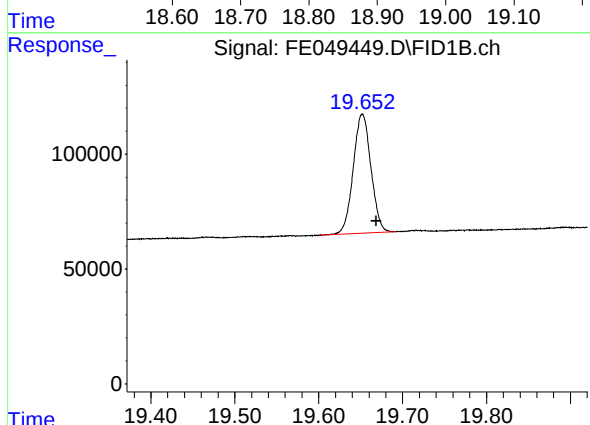
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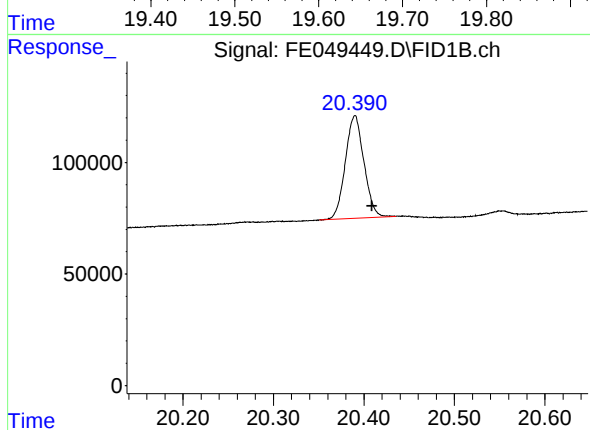
#14 N-DOTRIACONTANE

R.T.: 18.869 min
Delta R.T.: -0.019 min
Response: 833641
Conc: 5.94 ug/ml



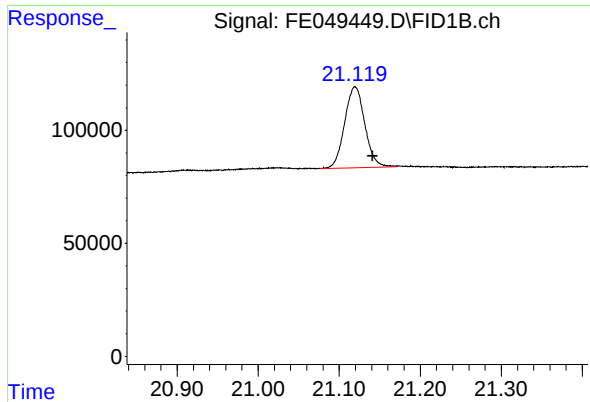
#15 N-TETRATRIACONTANE

R.T.: 19.652 min
Delta R.T.: -0.017 min
Response: 760883
Conc: 6.25 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.390 min
Delta R.T.: -0.019 min
Response: 657243
Conc: 6.41 ug/ml



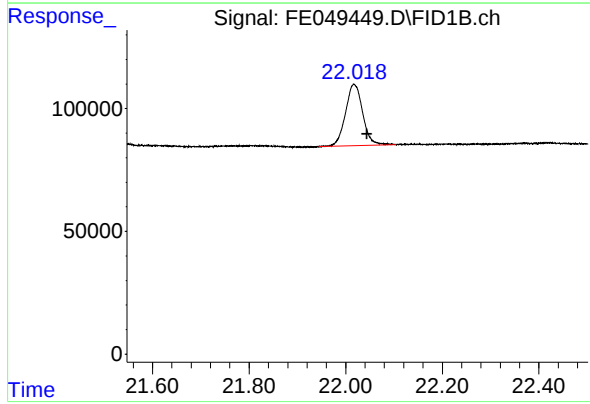
#17 N-OCTATRIACONTANE

R.T.: 21.119 min
Delta R.T.: -0.022 min
Response: 621687
Conc: 6.59 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.017 min
Delta R.T.: -0.027 min
Response: 616501
Conc: 6.51 ug/ml