

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224\
 Data File : FE049419.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 04:00
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

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 04:59:06 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...	14.987	5830701	45.596 ug/ml
Target Compounds			
1) N-OCTANE	2.017	6698435	47.667 ug/ml
2) N-DECANE	4.536	6720604	47.954 ug/ml
3) N-DODECANE	6.705	6779441	47.711 ug/ml
4) N-TETRADECANE	8.533	6855475	48.435 ug/ml
5) N-HEXADECANE	10.140	6796441	48.256 ug/ml
6) N-OCTADECANE	11.583	6863949	47.843 ug/ml
7) N-EICOSANE	12.892	6852057	48.607 ug/ml
8) N-DOCOSANE	14.088	6639066	47.696 ug/ml
10) N-TETRACOSANE	15.191	6613515	47.446 ug/ml
11) N-HEXACOSANE	16.211	6602061	47.317 ug/ml
12) N-OCTACOSANE	17.159	6582119	46.907 ug/ml
13) N-TRIACONTANE	18.046	6720669	47.098 ug/ml
14) N-DOTRIACONTANE	18.877	6775931	48.243 ug/ml
15) N-TETRATRIACONTANE	19.659	6838073	56.205 ug/ml
16) N-HEXATRIACONTANE	20.400	6678076	65.181 ug/ml
17) N-OCTATRIACONTANE	21.131	6534128	69.254 ug/mlm
18) N-TETRACONTANE	22.032	6320965	66.789 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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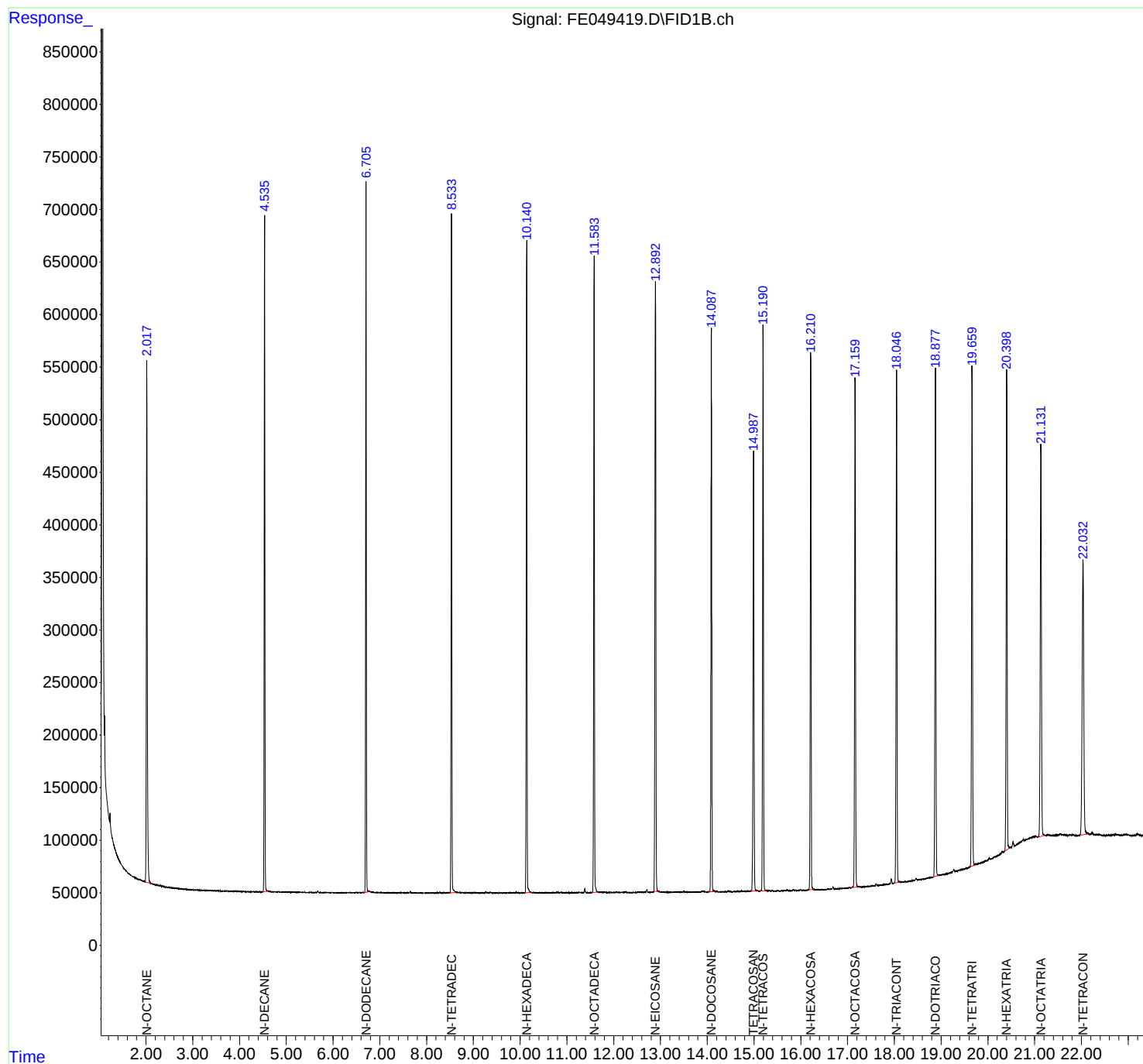
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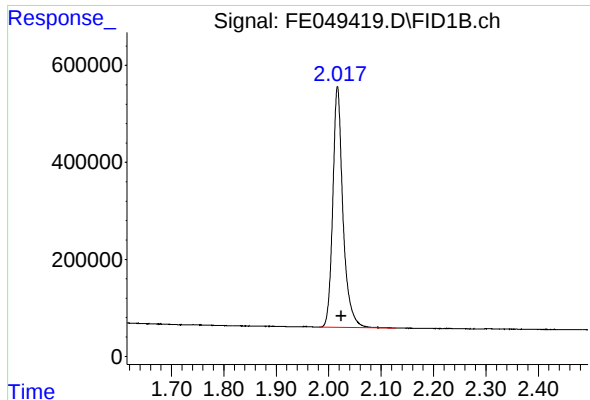
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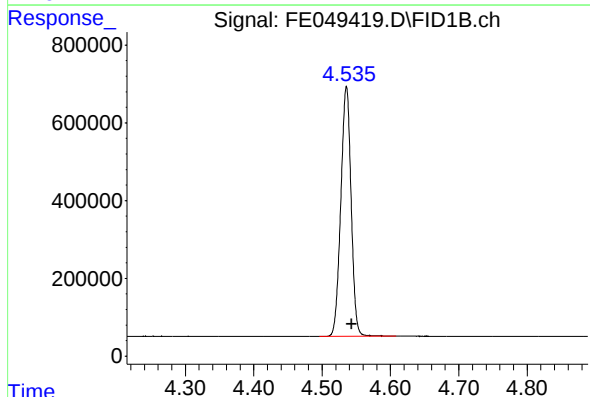
#1 N-OCTANE

R.T.: 2.017 min
Delta R.T.: -0.007 min
Response: 6698435
Conc: 47.67 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

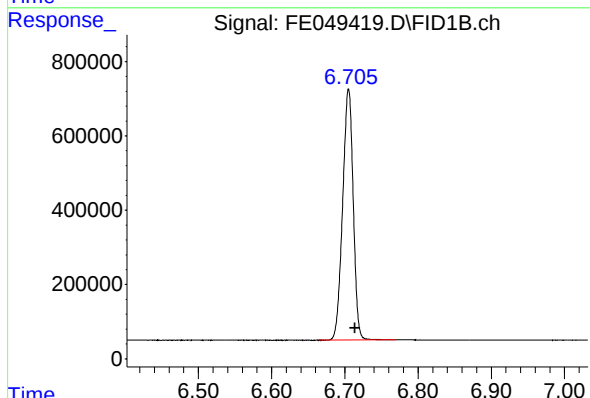
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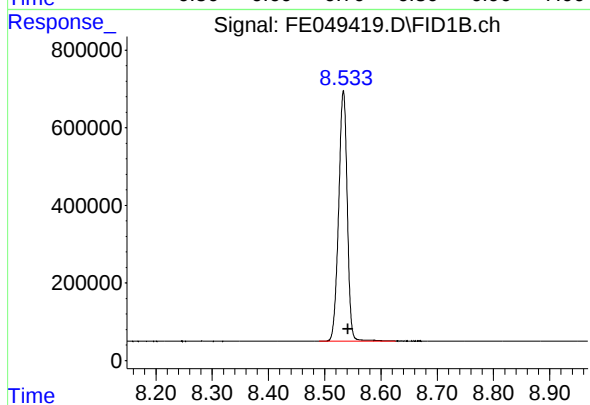
#2 N-DECANE

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 6720604
Conc: 47.95 ug/ml



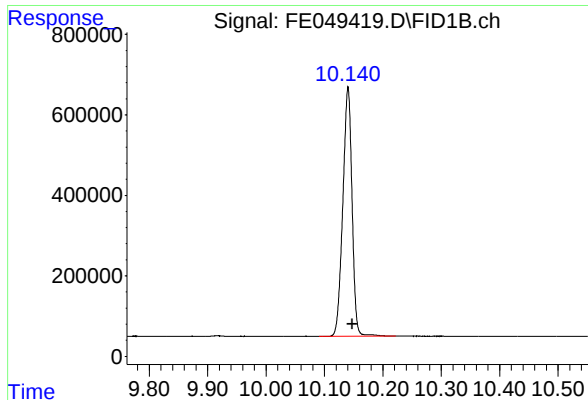
#3 N-DODECANE

R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 6779441
Conc: 47.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.533 min
Delta R.T.: -0.008 min
Response: 6855475
Conc: 48.43 ug/ml



#5 N-HEXADECANE

R.T.: 10.140 min
Delta R.T.: -0.007 min
Response: 6796441
Conc: 48.26 ug/ml

Instrument :

FID_E

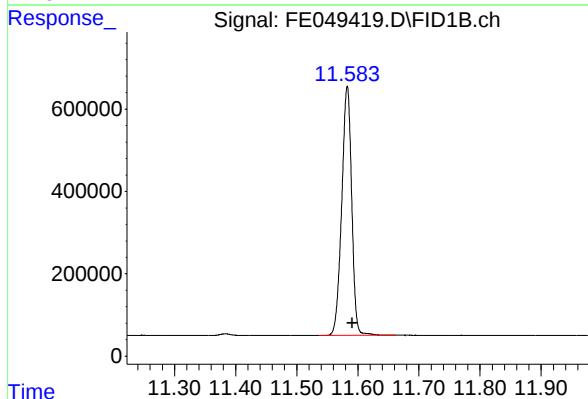
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

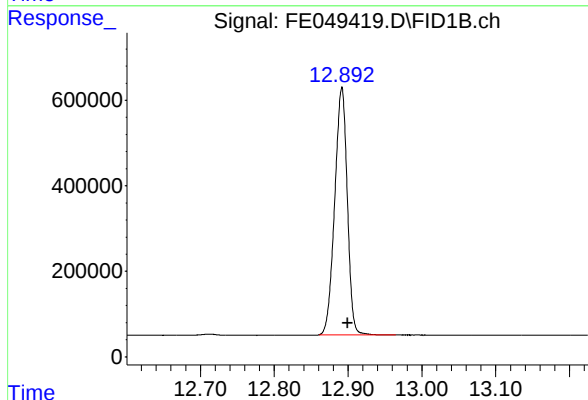
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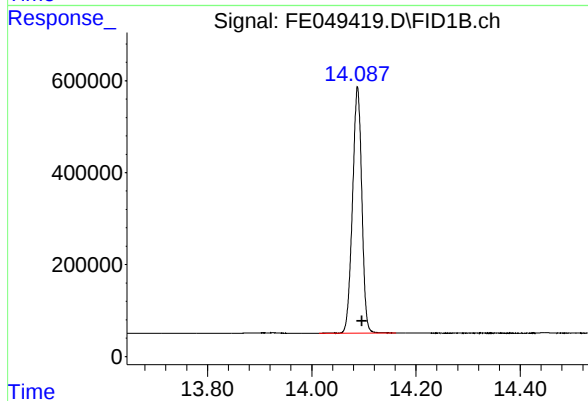
#6 N-OCTADECANE

R.T.: 11.583 min
Delta R.T.: -0.008 min
Response: 6863949
Conc: 47.84 ug/ml



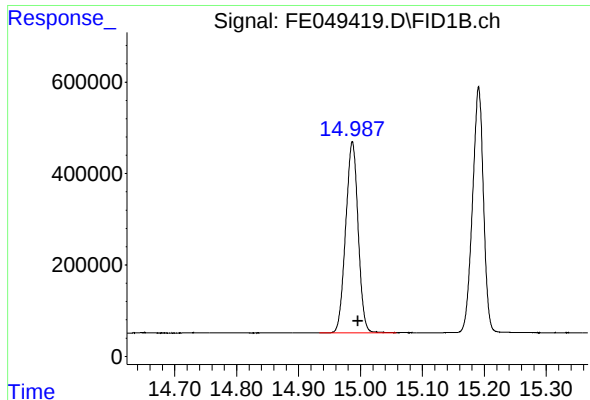
#7 N-EICOSANE

R.T.: 12.892 min
Delta R.T.: -0.008 min
Response: 6852057
Conc: 48.61 ug/ml



#8 N-DOCOSANE

R.T.: 14.088 min
Delta R.T.: -0.009 min
Response: 6639066
Conc: 47.70 ug/ml



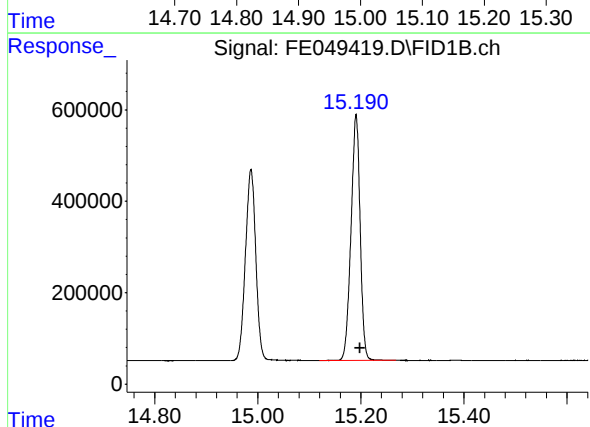
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.987 min
Delta R.T.: -0.009 min
Response: 5830701
Conc: 45.60 ug/ml

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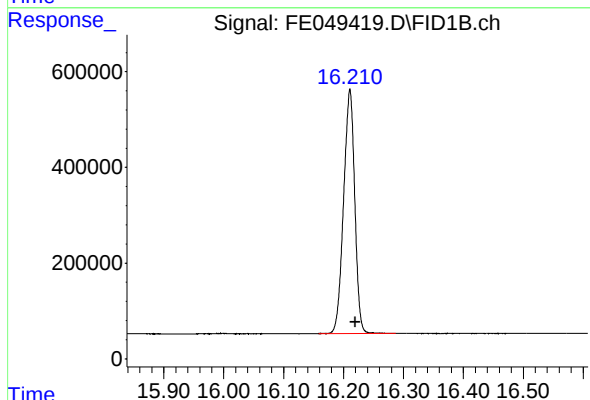
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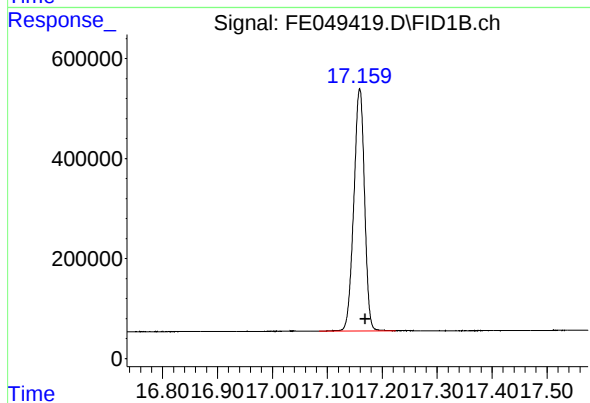
#10 N-TETRACOSANE

R.T.: 15.191 min
Delta R.T.: -0.008 min
Response: 6613515
Conc: 47.45 ug/ml



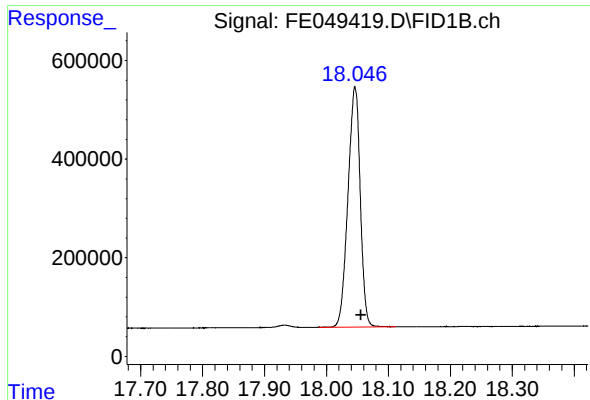
#11 N-HEXACOSANE

R.T.: 16.211 min
Delta R.T.: -0.009 min
Response: 6602061
Conc: 47.32 ug/ml



#12 N-OCTACOSANE

R.T.: 17.159 min
Delta R.T.: -0.010 min
Response: 6582119
Conc: 46.91 ug/ml



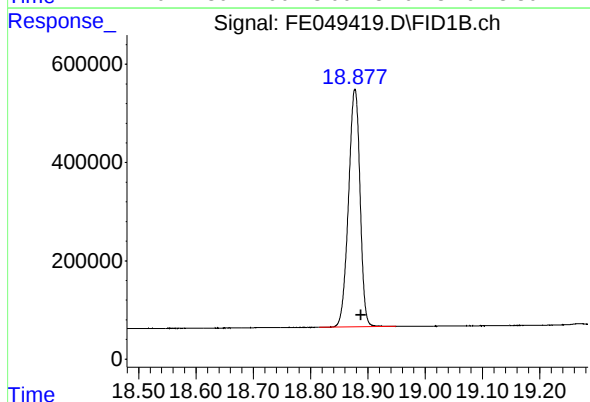
#13 N-TRIACONTANE

R.T.: 18.046 min
Delta R.T.: -0.010 min
Response: 6720669
Conc: 47.10 ug/ml

Instrument :
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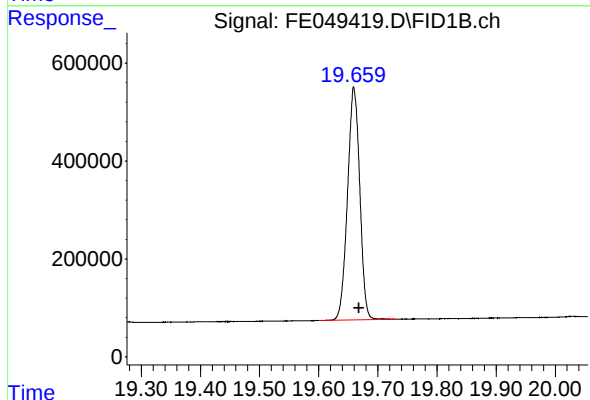
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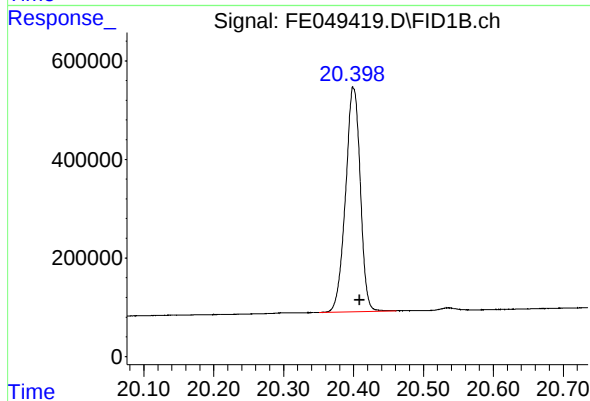
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.010 min
Response: 6775931
Conc: 48.24 ug/ml



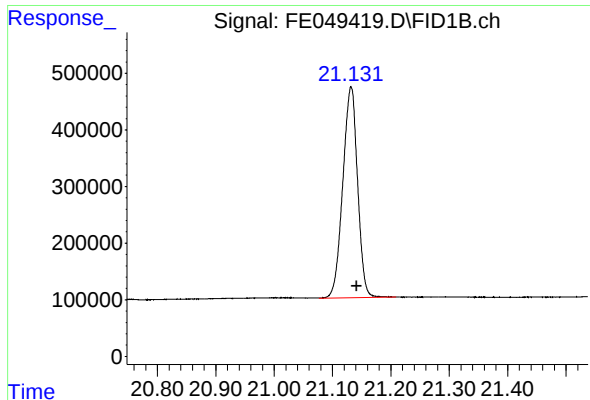
#15 N-TETRATRIACONTANE

R.T.: 19.659 min
Delta R.T.: -0.009 min
Response: 6838073
Conc: 56.21 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.400 min
Delta R.T.: -0.009 min
Response: 6678076
Conc: 65.18 ug/ml



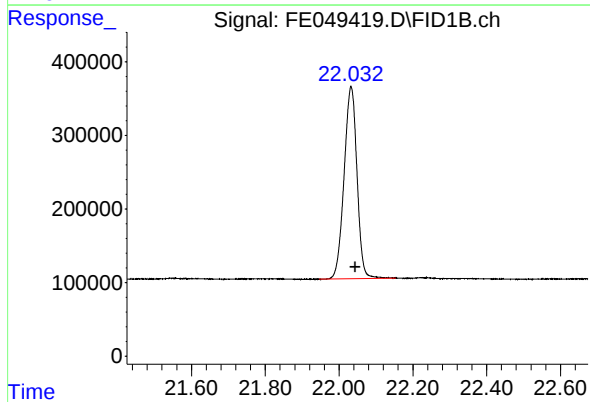
#17 N-OCTATRIACONTANE

R.T.: 21.131 min
Delta R.T.: -0.010 min
Response: 6534128
Conc: 69.25 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.032 min
Delta R.T.: -0.012 min
Response: 6320965
Conc: 66.79 ug/ml