

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080524\
 Data File : FE049448.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2024 13:08
 Operator : YP\AJ
 Sample : P3390-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-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 01:11:55 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	1877163	14.679 ug/ml
Target Compounds			
1) N-OCTANE	2.017	609715	4.339 ug/ml
2) N-DECANE	4.532	713340	5.090 ug/ml
3) N-DODECANE	6.700	699453	4.923 ug/ml
4) N-TETRADECANE	8.528	746655	5.275 ug/ml
5) N-HEXADECANE	10.134	728061	5.169 ug/ml
6) N-OCTADECANE	11.576	740333	5.160 ug/ml
7) N-EICOSANE	12.883	761050	5.399 ug/mlm
8) N-DOCOSANE	14.080	740496	5.320 ug/ml
10) N-TETRACOSANE	15.183	750248	5.382 ug/ml
11) N-HEXACOSANE	16.203	744192	5.334 ug/ml
12) N-OCTACOSANE	17.150	749232	5.339 ug/ml
13) N-TRIACONTANE	18.038	807475	5.659 ug/ml
14) N-DOTRIACONTANE	18.868	821429	5.848 ug/ml
15) N-TETRATRIACONTANE	19.652	747634	6.145 ug/ml
16) N-HEXATRIACONTANE	20.391	637964	6.227 ug/ml
17) N-OCTATRIACONTANE	21.119	601193	6.372 ug/mlm
18) N-TETRACONTANE	22.018	582950	6.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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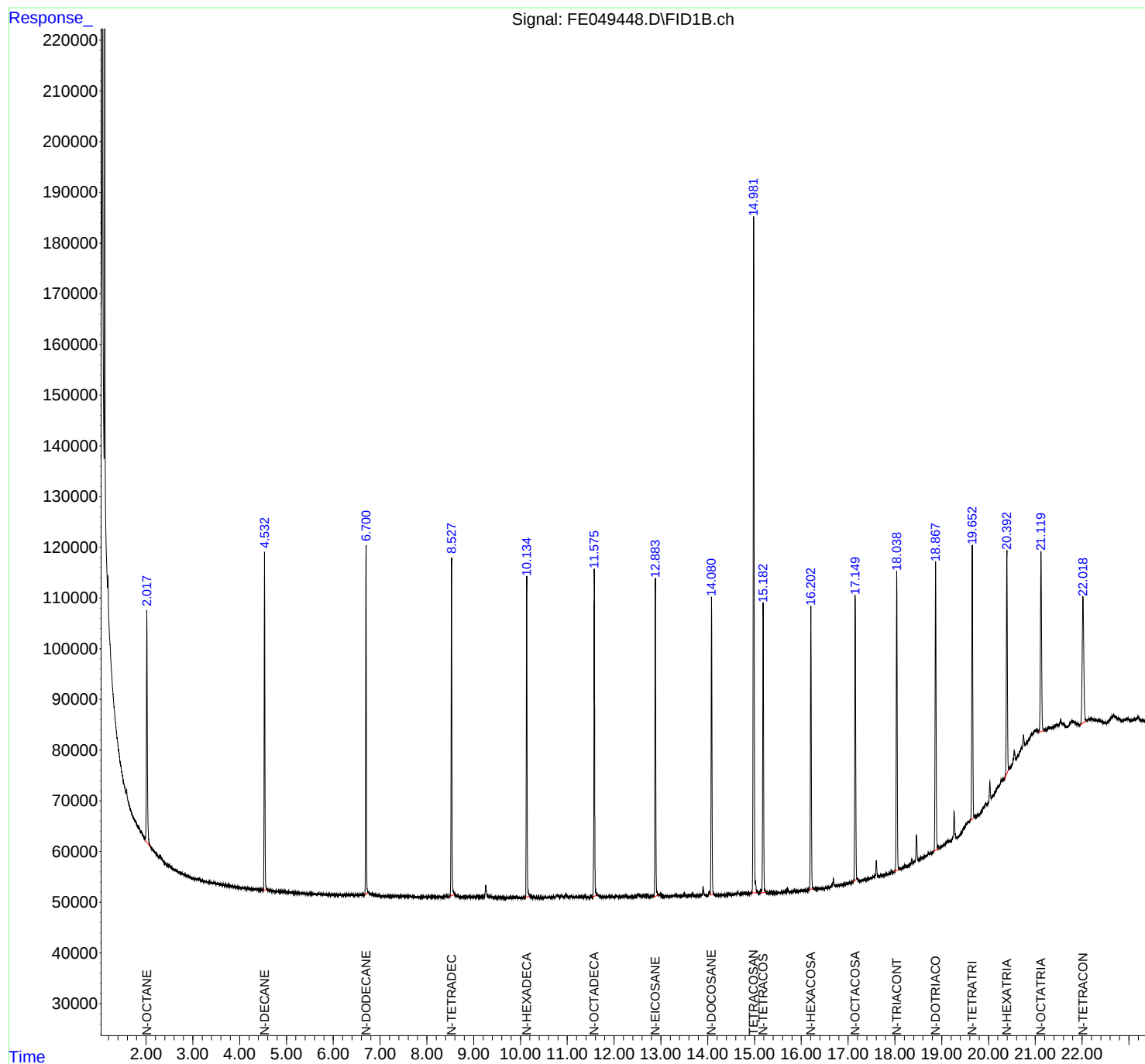
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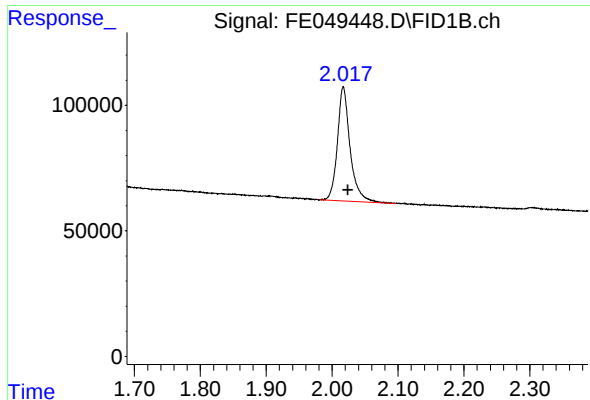
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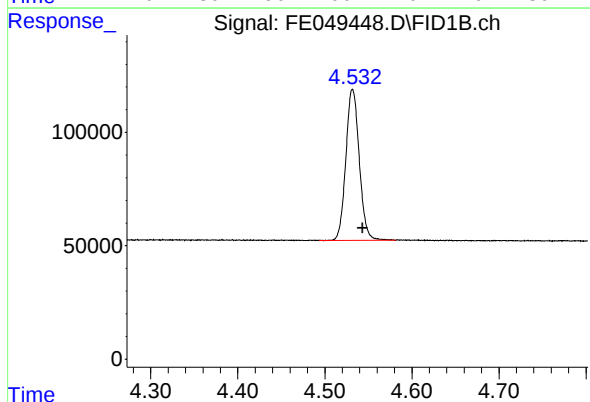
#1 N-OCTANE

R.T.: 2.017 min
Delta R.T.: -0.007 min
Response: 609715
Conc: 4.34 ug/ml

Instrument :
FID_E
ClientSampleId :
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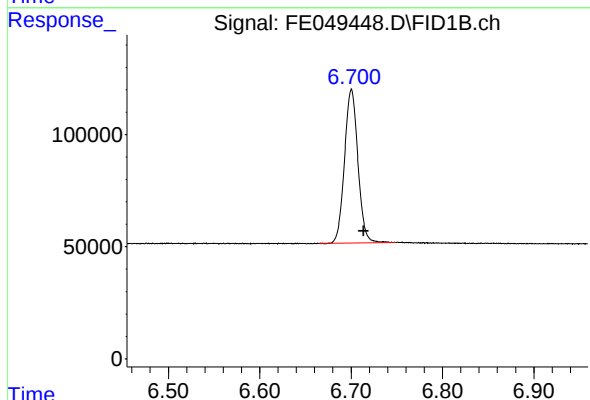
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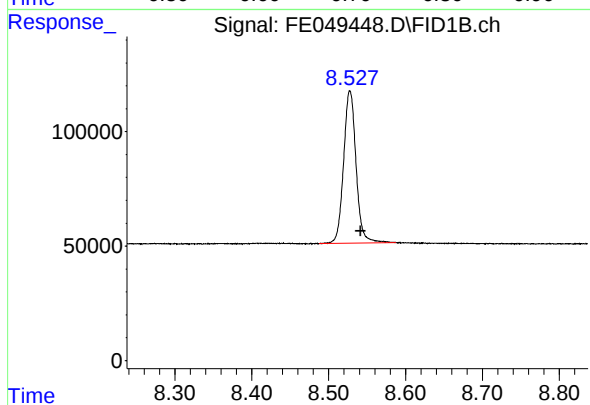
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: -0.012 min
Response: 713340
Conc: 5.09 ug/ml



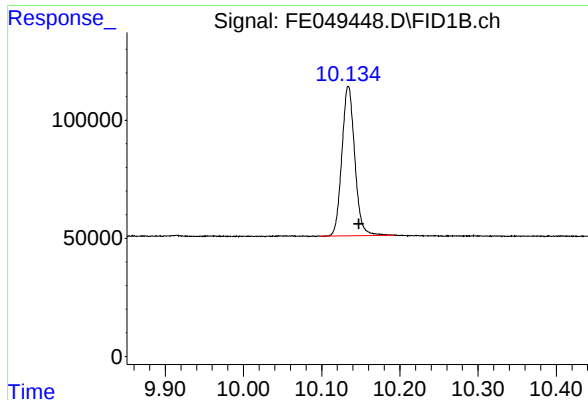
#3 N-DODECANE

R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 699453
Conc: 4.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.528 min
Delta R.T.: -0.014 min
Response: 746655
Conc: 5.28 ug/ml



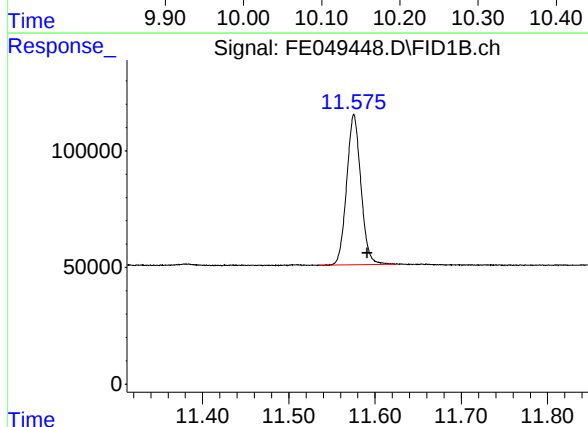
#5 N-HEXADECANE

R.T.: 10.134 min
Delta R.T.: -0.014 min
Response: 728061
Conc: 5.17 ug/ml

Instrument :
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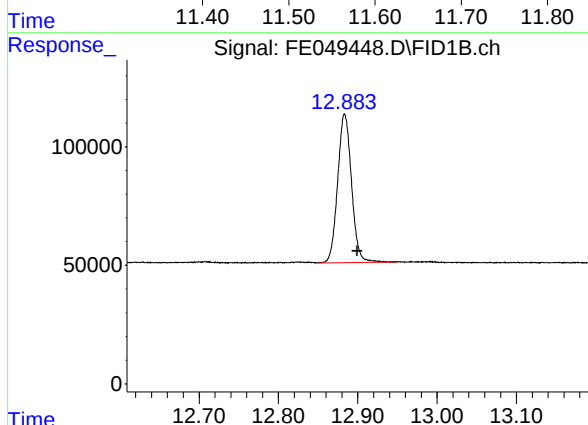
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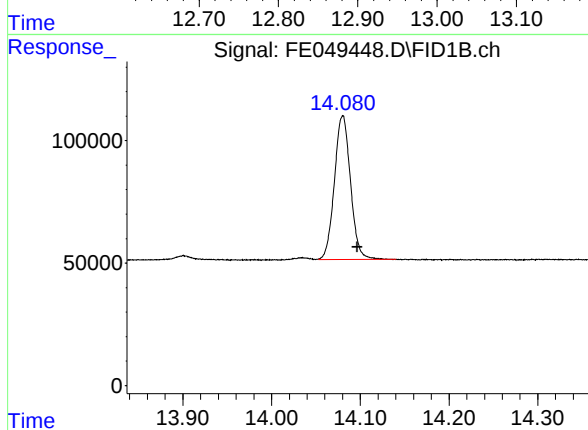
#6 N-OCTADECANE

R.T.: 11.576 min
Delta R.T.: -0.015 min
Response: 740333
Conc: 5.16 ug/ml



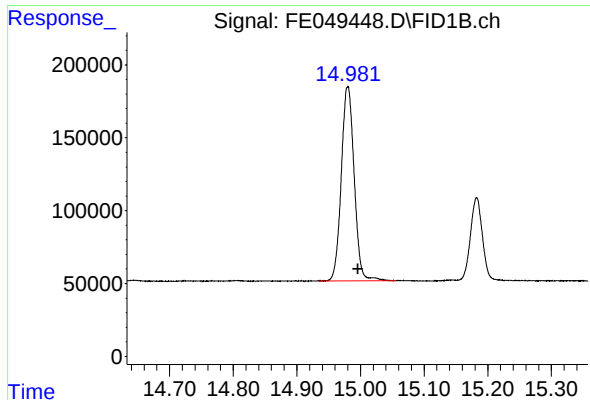
#7 N-EICOSANE

R.T.: 12.883 min
Delta R.T.: -0.017 min
Response: 761050
Conc: 5.40 ug/ml m



#8 N-DOCOSANE

R.T.: 14.080 min
Delta R.T.: -0.016 min
Response: 740496
Conc: 5.32 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.980 min
Delta R.T.: -0.016 min
Response: 1877163
Conc: 14.68 ug/ml

Instrument :

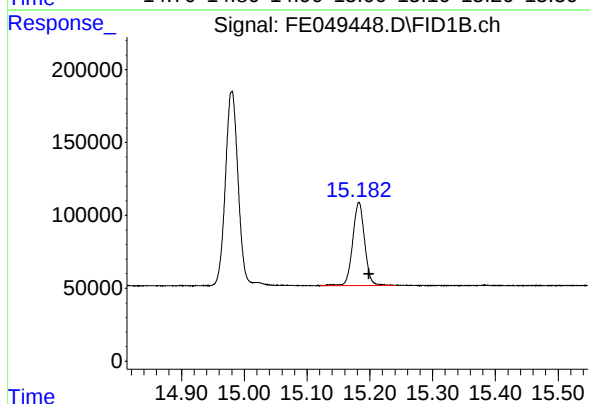
FID_E

ClientSampleId :

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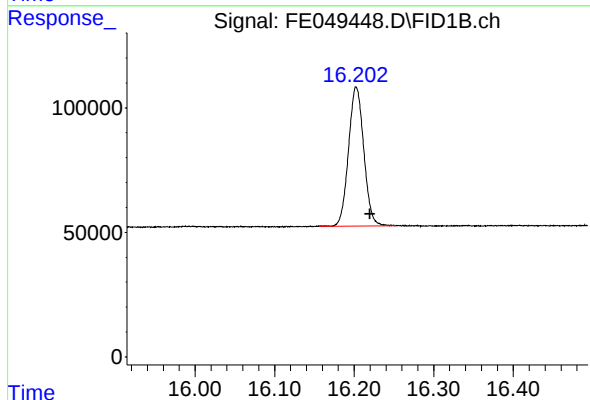
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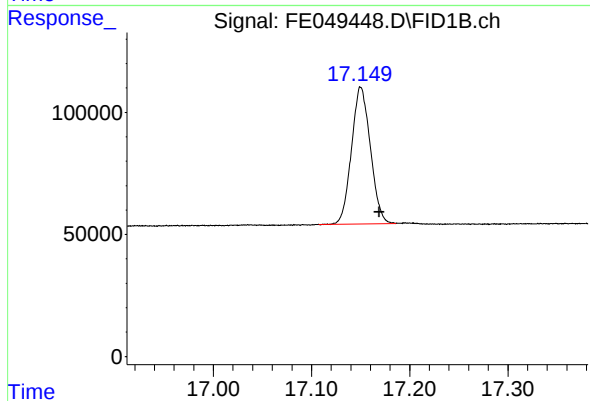
#10 N-TETRACOSANE

R.T.: 15.183 min
Delta R.T.: -0.016 min
Response: 750248
Conc: 5.38 ug/ml



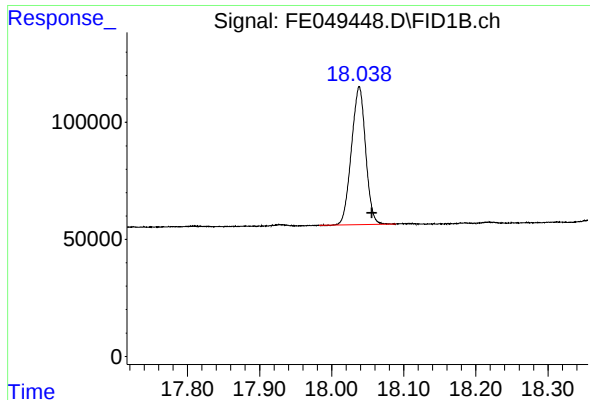
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.017 min
Response: 744192
Conc: 5.33 ug/ml



#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.019 min
Response: 749232
Conc: 5.34 ug/ml



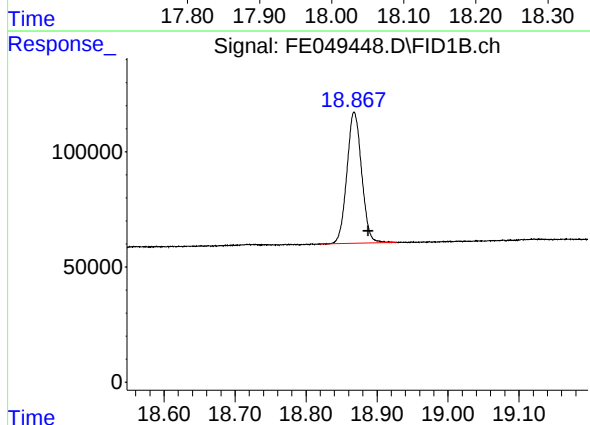
#13 N-TRIACONTANE

R.T.: 18.038 min
Delta R.T.: -0.018 min
Response: 807475
Conc: 5.66 ug/ml

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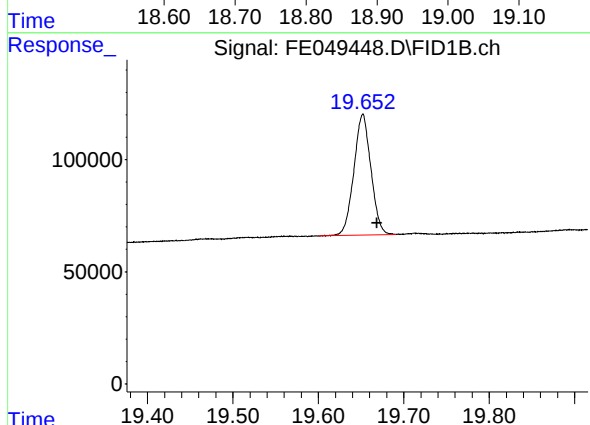
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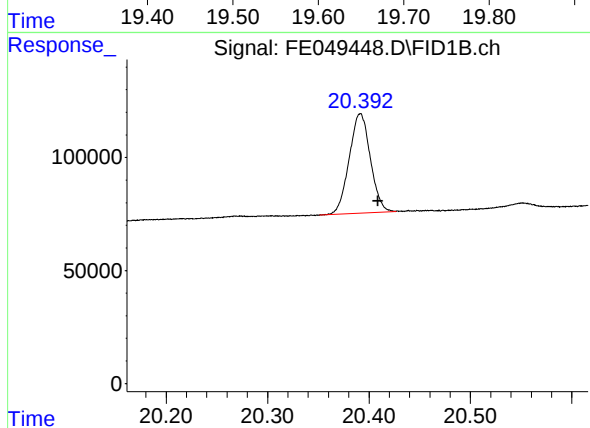
#14 N-DOTRIACONTANE

R.T.: 18.868 min
Delta R.T.: -0.020 min
Response: 821429
Conc: 5.85 ug/ml



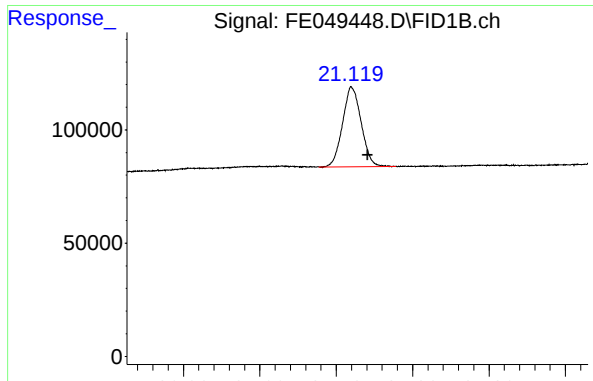
#15 N-TETRATRIACONTANE

R.T.: 19.652 min
Delta R.T.: -0.016 min
Response: 747634
Conc: 6.15 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.391 min
Delta R.T.: -0.017 min
Response: 637964
Conc: 6.23 ug/ml



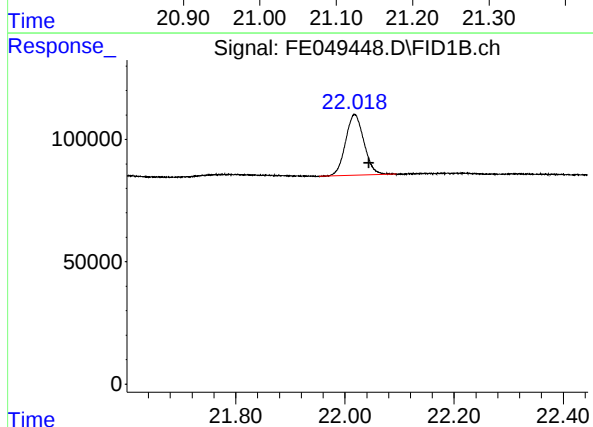
#17 N-OCTATRIACONTANE

R.T.: 21.119 min
Delta R.T.: -0.022 min
Response: 601193
Conc: 6.37 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.018 min
Delta R.T.: -0.026 min
Response: 582950
Conc: 6.16 ug/ml