

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050597.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 18:29
 Operator : YP\AJ
 Sample : P4368-10
 Misc : 2.5PPM WATER LOD
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 03:21:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.945	2248296	16.134 ug/ml
Target Compounds			
1) N-OCTANE	1.993	339689	2.268 ug/ml
2) N-DECANE	4.504	334329	2.161 ug/ml
3) N-DODECANE	6.671	335064	2.160 ug/ml
4) N-TETRADECANE	8.498	332678	2.117 ug/ml
5) N-HEXADECANE	10.103	342514	2.179 ug/ml
6) N-OCTADECANE	11.544	376264	2.346 ug/ml
7) N-EICOSANE	12.850	383597	2.372 ug/ml
8) N-DOCOSANE	14.046	384412	2.452 ug/ml
10) N-TETRACOSANE	15.146	391134	2.493 ug/ml
11) N-HEXACOSANE	16.167	388804	2.466 ug/ml
12) N-OCTACOSANE	17.114	399437	2.500 ug/ml
13) N-TRIACONTANE	18.001	410012	2.435 ug/ml
14) N-DOTRIACONTANE	18.831	364722	2.098 ug/ml
15) N-TETRATRIACONTANE	19.615	270516	1.527 ug/ml
16) N-HEXATRIACONTANE	20.354	189715	1.109 ug/ml
17) N-OCTATRIACONTANE	21.079	165260	0.981 ug/ml
18) N-TETRACONTANE	21.963	157489	1.023 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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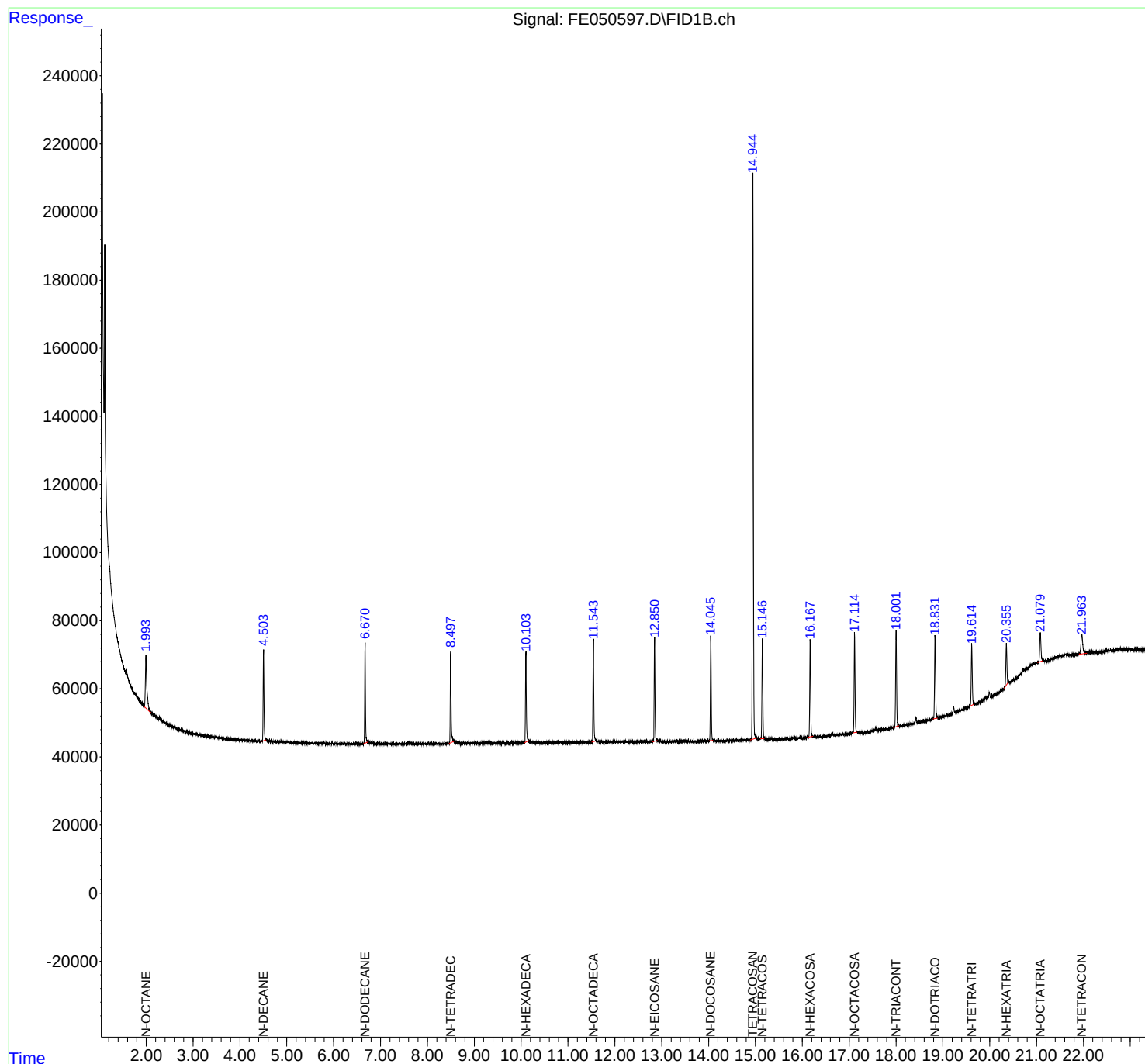
APPROVED

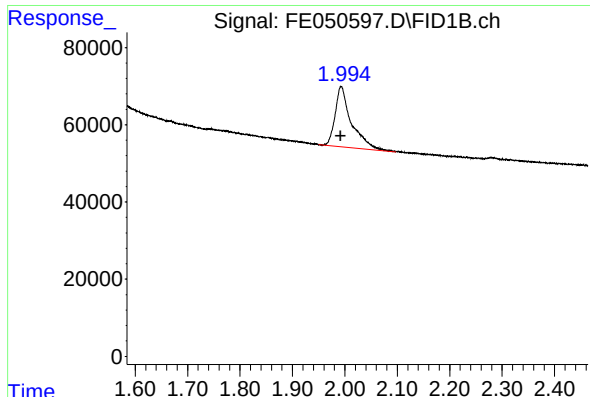
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.993 min
Delta R.T.: 0.000 min
Response: 339689
Conc: 2.27 ug/ml

Instrument :

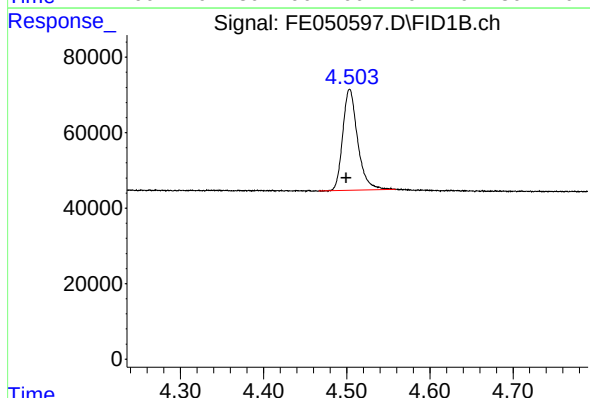
FID_E

ClientSampleId :

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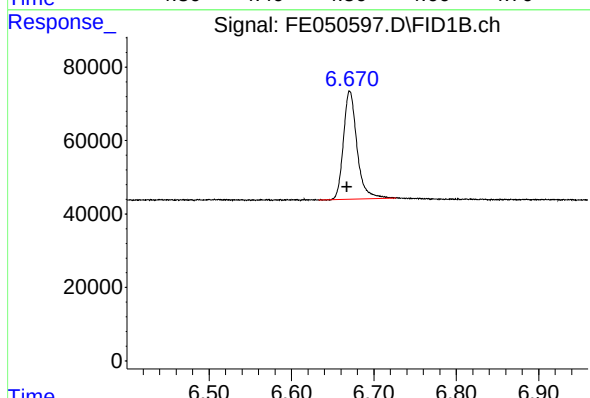
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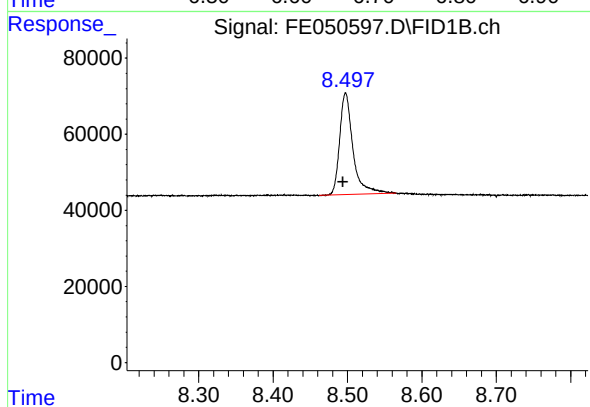
#2 N-DECANE

R.T.: 4.504 min
Delta R.T.: 0.004 min
Response: 334329
Conc: 2.16 ug/ml



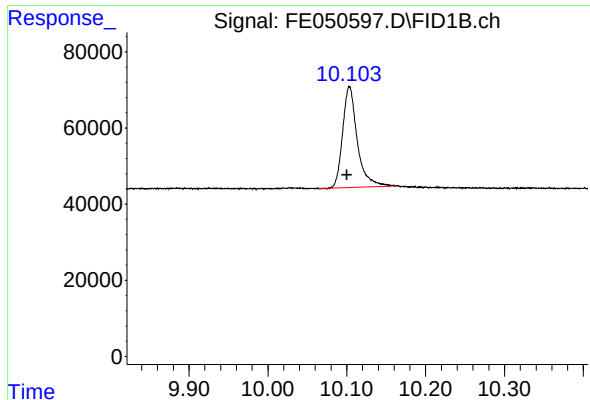
#3 N-DODECANE

R.T.: 6.671 min
Delta R.T.: 0.003 min
Response: 335064
Conc: 2.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 332678
Conc: 2.12 ug/ml



#5 N-HEXADECANE

R.T.: 10.103 min
Delta R.T.: 0.003 min
Response: 342514
Conc: 2.18 ug/ml

Instrument :

FID_E

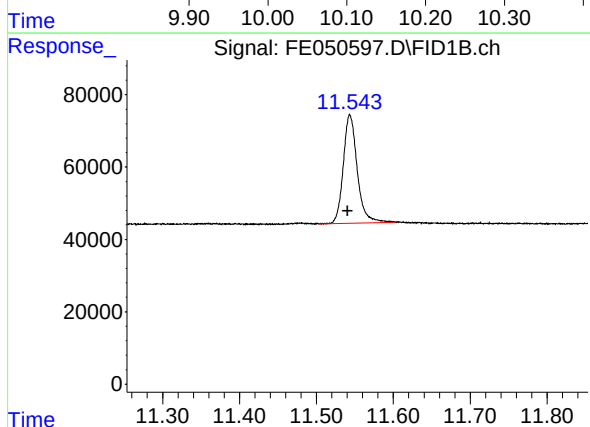
ClientSampleId :

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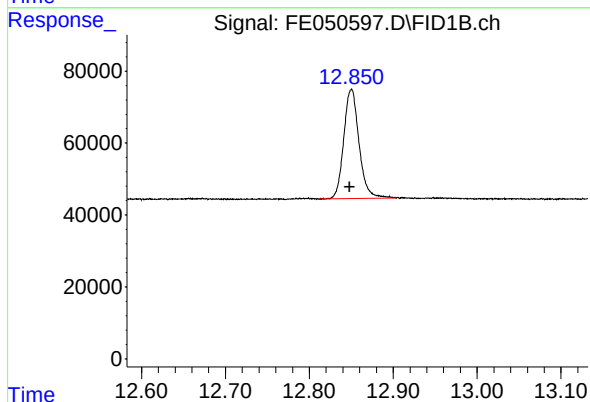
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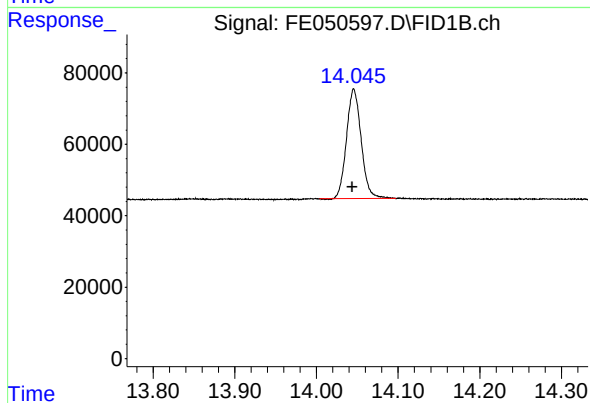
#6 N-OCTADECANE

R.T.: 11.544 min
Delta R.T.: 0.003 min
Response: 376264
Conc: 2.35 ug/ml



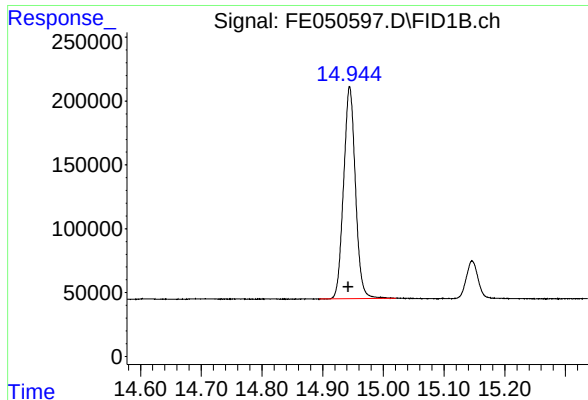
#7 N-EICOSANE

R.T.: 12.850 min
Delta R.T.: 0.002 min
Response: 383597
Conc: 2.37 ug/ml



#8 N-DOCOSANE

R.T.: 14.046 min
Delta R.T.: 0.002 min
Response: 384412
Conc: 2.45 ug/ml



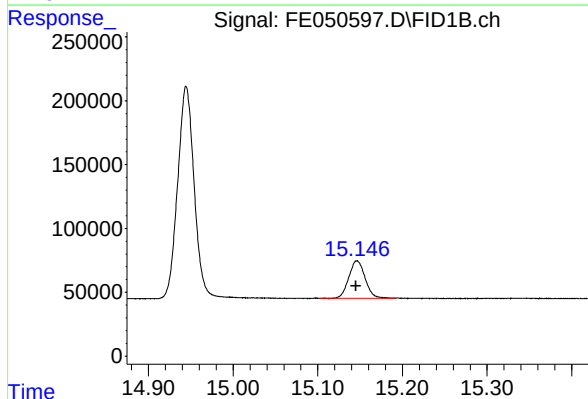
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.945 min
Delta R.T.: 0.002 min
Response: 2248296
Conc: 16.13 ug/ml

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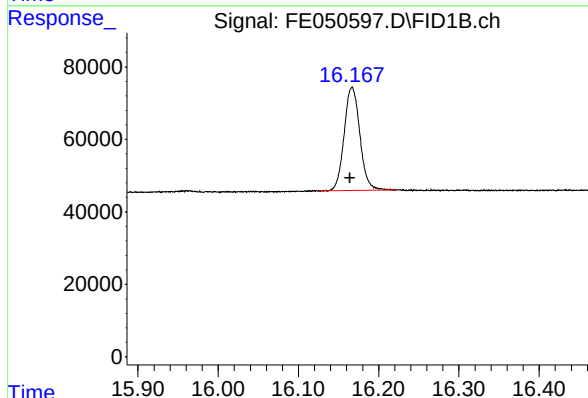
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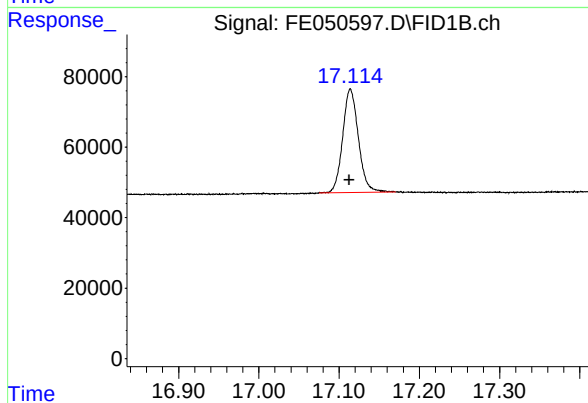
#10 N-TETRACOSANE

R.T.: 15.146 min
Delta R.T.: 0.001 min
Response: 391134
Conc: 2.49 ug/ml



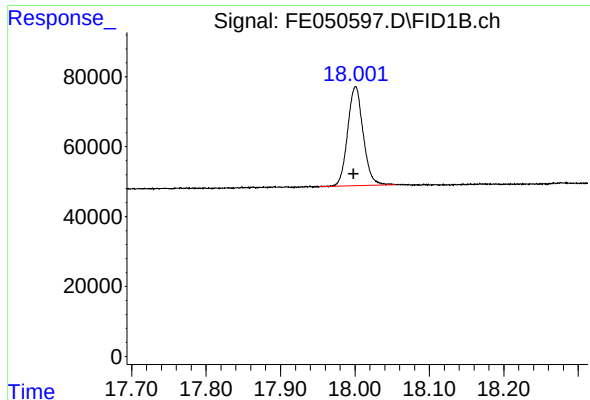
#11 N-HEXACOSANE

R.T.: 16.167 min
Delta R.T.: 0.002 min
Response: 388804
Conc: 2.47 ug/ml



#12 N-OCTACOSANE

R.T.: 17.114 min
Delta R.T.: 0.001 min
Response: 399437
Conc: 2.50 ug/ml



#13 N-TRIACONTANE

R.T.: 18.001 min
Delta R.T.: 0.003 min
Response: 410012
Conc: 2.44 ug/ml

Instrument :

FID_E

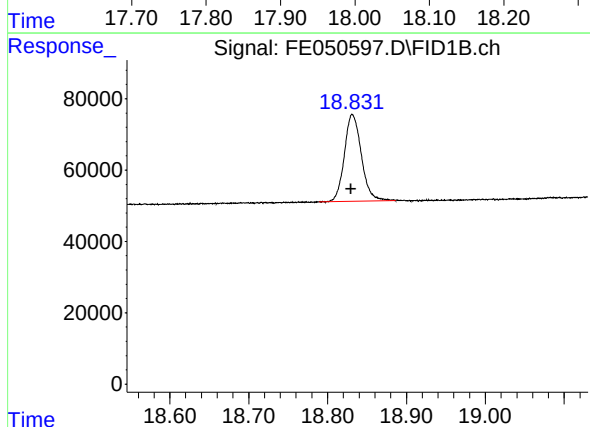
ClientSampleId :

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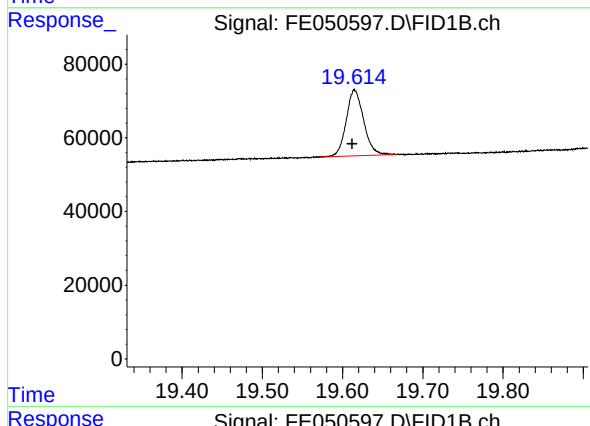
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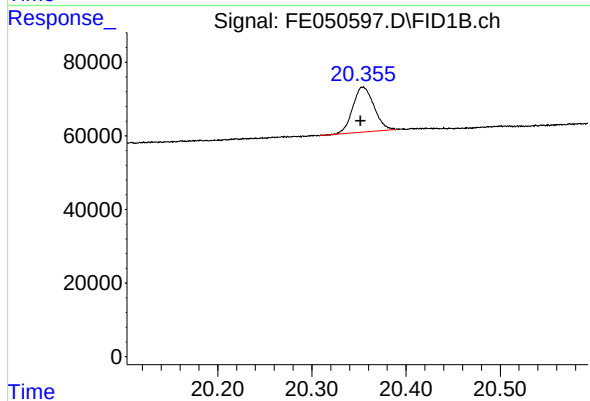
#14 N-DOTRIACONTANE

R.T.: 18.831 min
Delta R.T.: 0.002 min
Response: 364722
Conc: 2.10 ug/ml



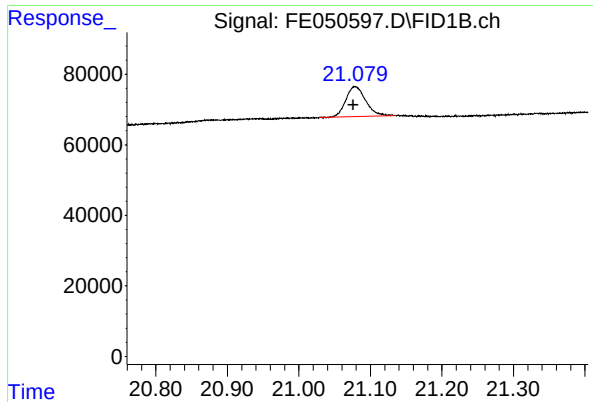
#15 N-TETRATRIACONTANE

R.T.: 19.615 min
Delta R.T.: 0.003 min
Response: 270516
Conc: 1.53 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.354 min
Delta R.T.: 0.002 min
Response: 189715
Conc: 1.11 ug/ml



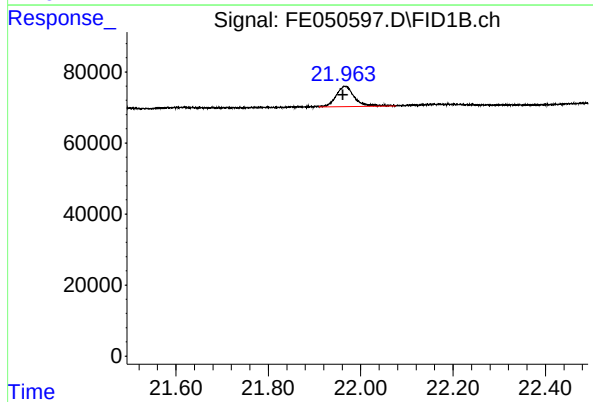
#17 N-OCTATRIACONTANE

R.T.: 21.079 min
Delta R.T.: 0.003 min
Response: 165260
Conc: 0.98 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.963 min
Delta R.T.: 0.001 min
Response: 157489
Conc: 1.02 ug/ml m