

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF073124\
 Data File : FF014338.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 19:16
 Operator : YP\AJ
 Sample : P3390-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 02:22:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:21 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...	14.918	1327368	10.642 ug/ml
Target Compounds			
1) N-OCTANE	1.960	149351	1.184 ug/ml
2) N-DECANE	4.470	133206	1.028 ug/ml
3) N-DODECANE	6.637	105132	0.790 ug/ml
4) N-TETRADECANE	8.469	133660	1.028 ug/mlm
5) N-HEXADECANE	10.075	127326	0.981 ug/mlm
6) N-OCTADECANE	11.514	143838	1.046 ug/mlm
7) N-EICOSANE	12.824	130488	0.957 ug/ml
8) N-DOCOSANE	14.019	136984	1.020 ug/ml
10) N-TETRACOSANE	15.124	149413	1.123 ug/ml
11) N-HEXACOSANE	16.151	140916	1.097 ug/ml
12) N-OCTACOSANE	17.101	150430	1.198 ug/ml
13) N-TRIACONTANE	17.988	172280	1.412 ug/ml
14) N-DOTRIACONTANE	18.821	185038	1.577 ug/ml
15) N-TETRATRIACONTANE	19.605	157127	1.650 ug/ml
16) N-HEXATRIACONTANE	20.351	124520	1.673 ug/ml
17) N-OCTATRIACONTANE	21.078	90212	1.337 ug/mlm
18) N-TETRACONTANE	21.968	64960	1.033 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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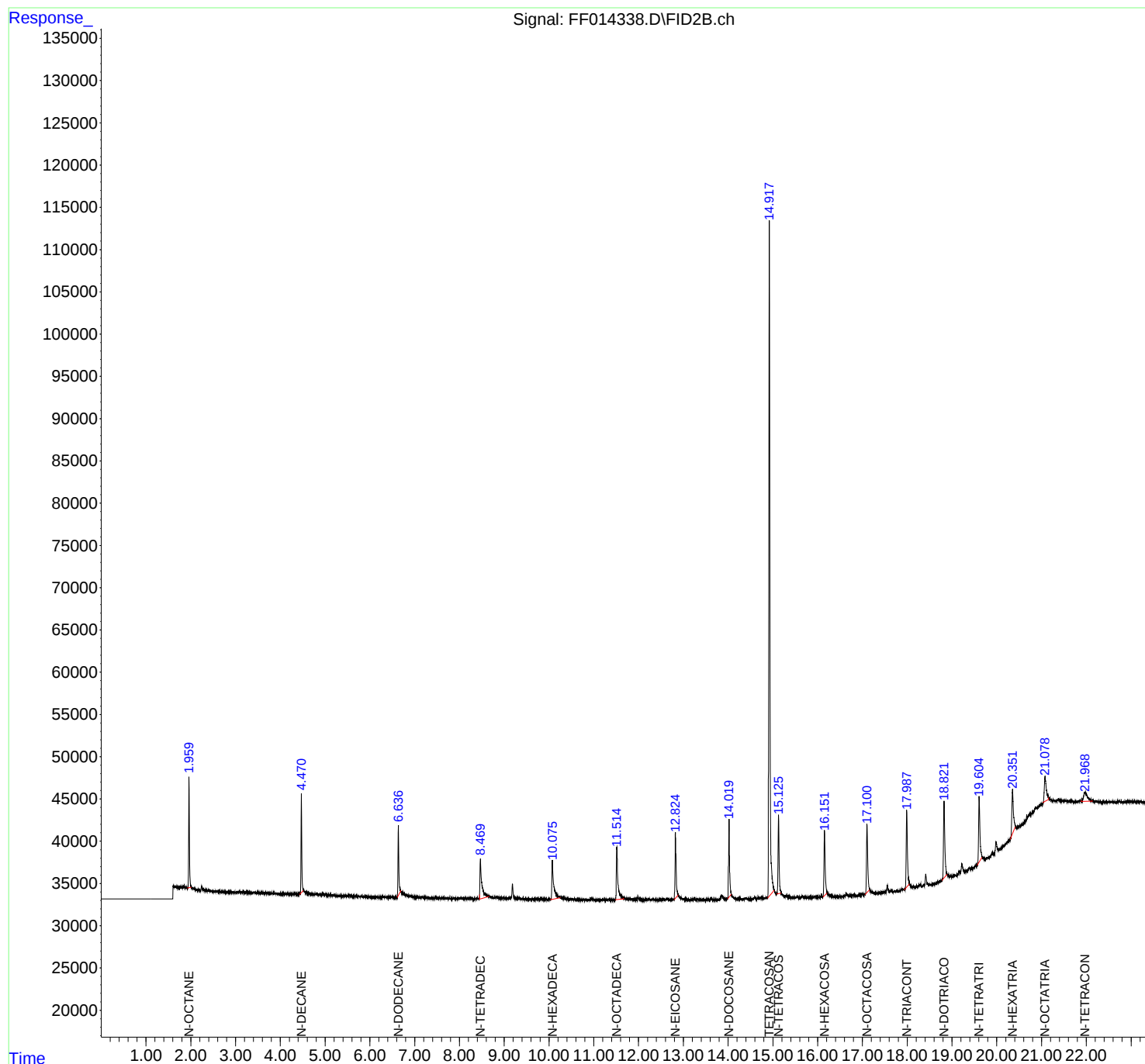
APPROVED

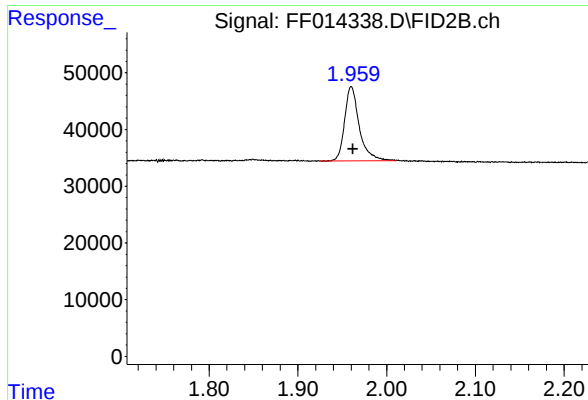
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.960 min
Delta R.T.: -0.002 min
Response: 149351
Conc: 1.18 ug/ml

Instrument :

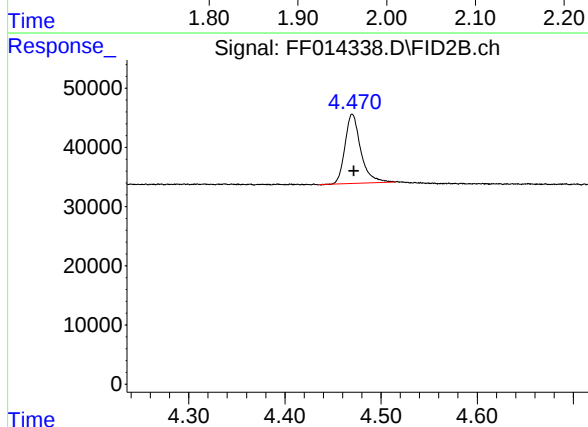
FID_F

ClientSampleId :

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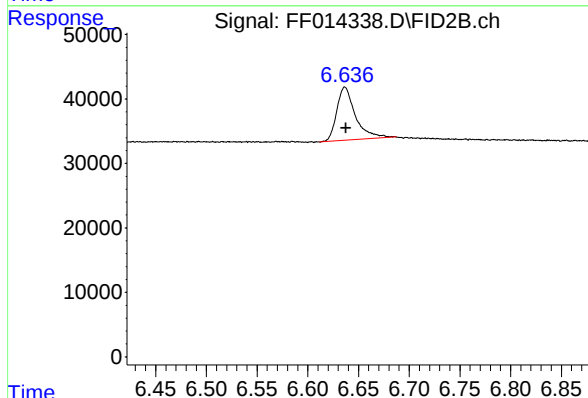
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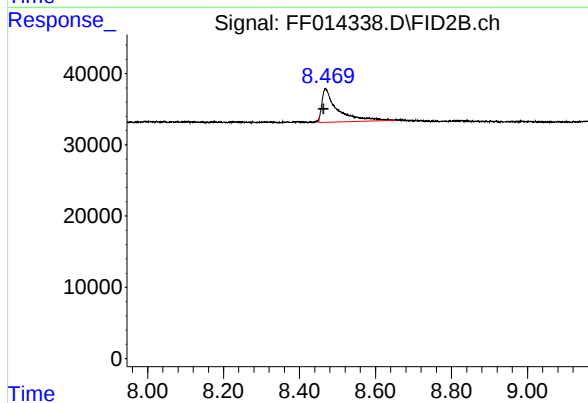
#2 N-DECANE

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 133206
Conc: 1.03 ug/ml



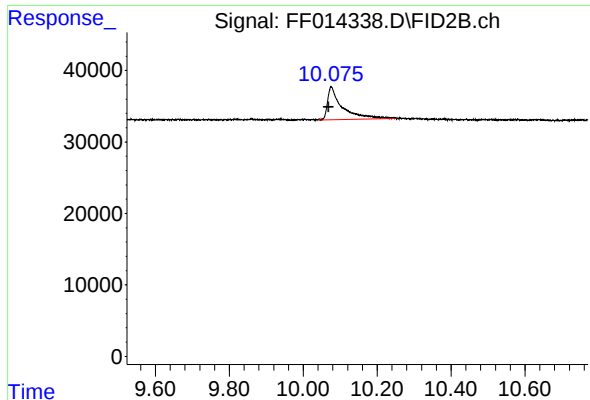
#3 N-DODECANE

R.T.: 6.637 min
Delta R.T.: -0.001 min
Response: 105132
Conc: 0.79 ug/ml



#4 N-TETRADECANE

R.T.: 8.469 min
Delta R.T.: 0.005 min
Response: 133660
Conc: 1.03 ug/ml m



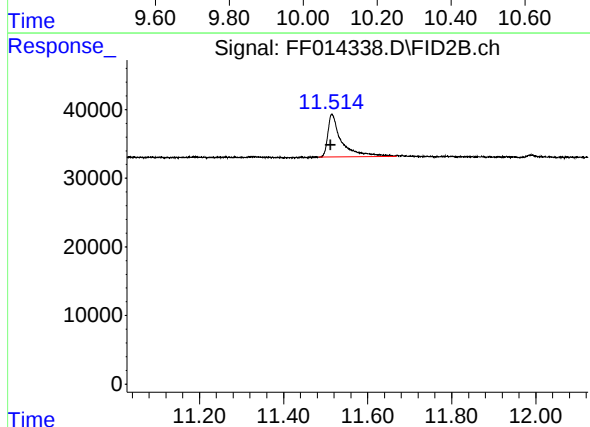
#5 N-HEXADECANE

R.T.: 10.075 min
Delta R.T.: 0.005 min
Response: 127326
Conc: 0.98 ug/ml

Instrument : FID_F
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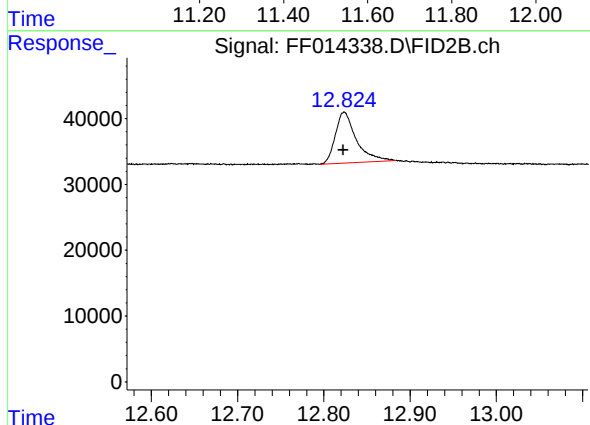
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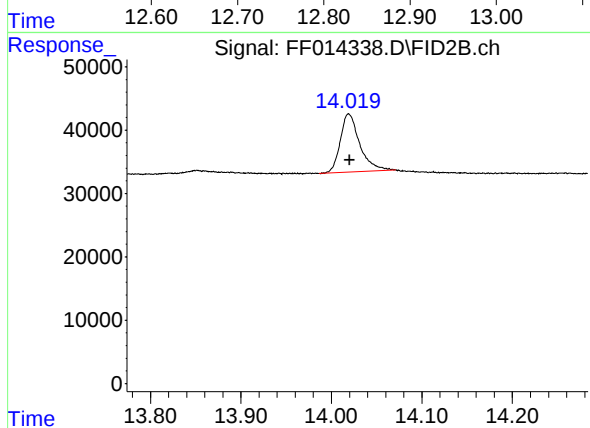
#6 N-OCTADECANE

R.T.: 11.514 min
Delta R.T.: 0.002 min
Response: 143838
Conc: 1.05 ug/ml m



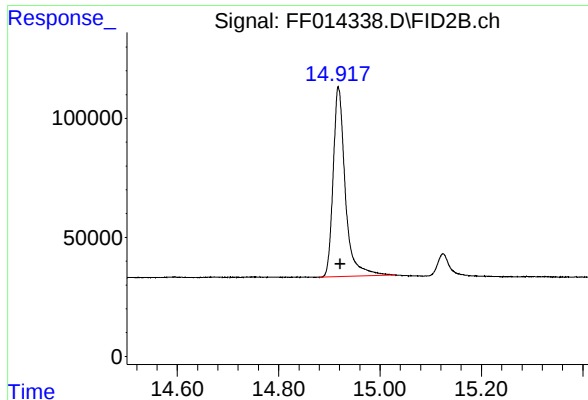
#7 N-EICOSANE

R.T.: 12.824 min
Delta R.T.: 0.000 min
Response: 130488
Conc: 0.96 ug/ml



#8 N-DOCOSANE

R.T.: 14.019 min
Delta R.T.: -0.001 min
Response: 136984
Conc: 1.02 ug/ml



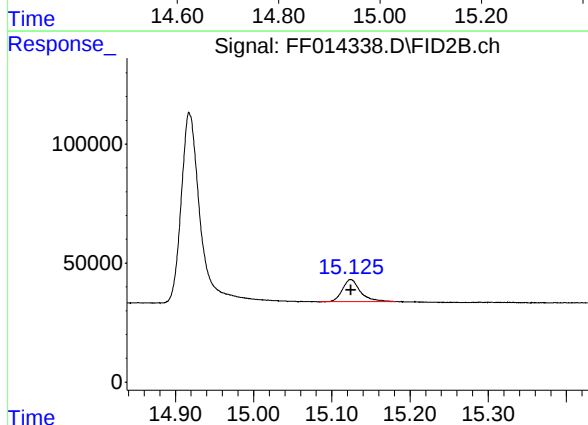
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.918 min
Delta R.T.: -0.003 min
Response: 1327368
Conc: 10.64 ug/ml

Instrument : FID_F
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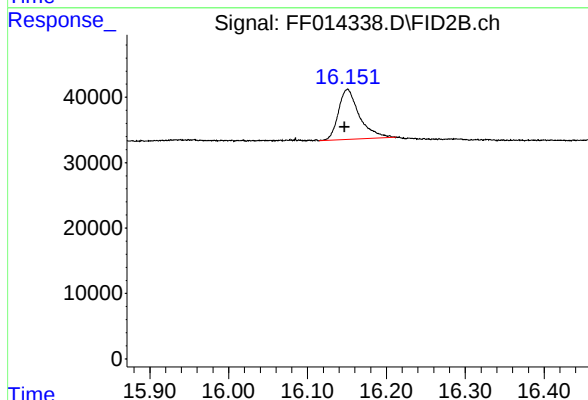
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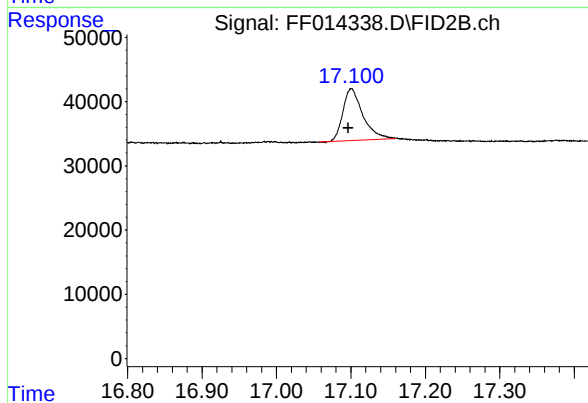
#10 N-TETRACOSANE

R.T.: 15.124 min
Delta R.T.: 0.000 min
Response: 149413
Conc: 1.12 ug/ml



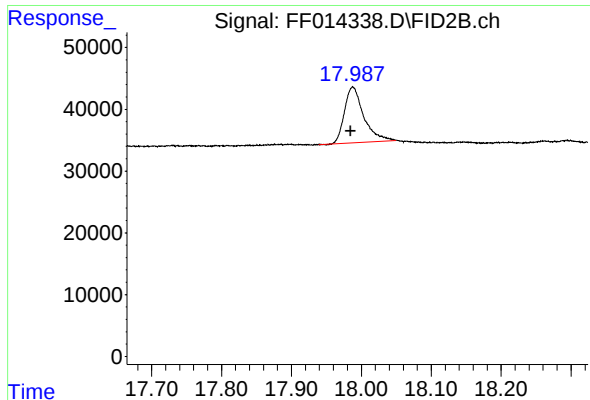
#11 N-HEXACOSANE

R.T.: 16.151 min
Delta R.T.: 0.003 min
Response: 140916
Conc: 1.10 ug/ml



#12 N-OCTACOSANE

R.T.: 17.101 min
Delta R.T.: 0.004 min
Response: 150430
Conc: 1.20 ug/ml



#13 N-TRIACONTANE

R.T.: 17.988 min
Delta R.T.: 0.003 min
Response: 172280
Conc: 1.41 ug/ml

Instrument :

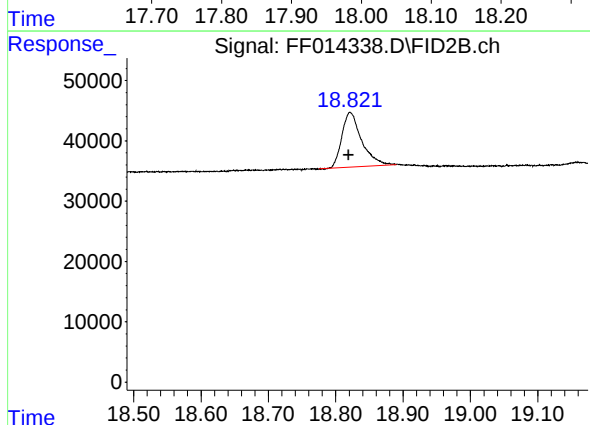
FID_F

ClientSampleId :

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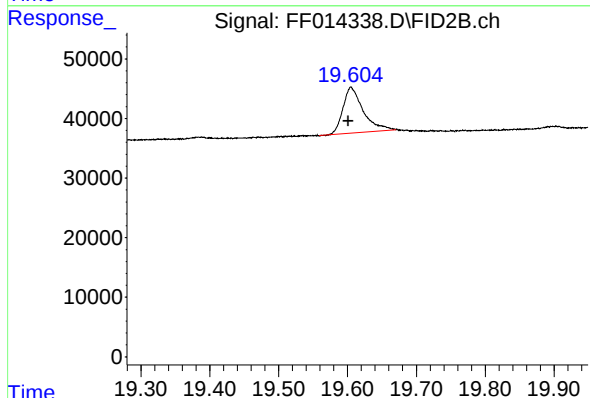
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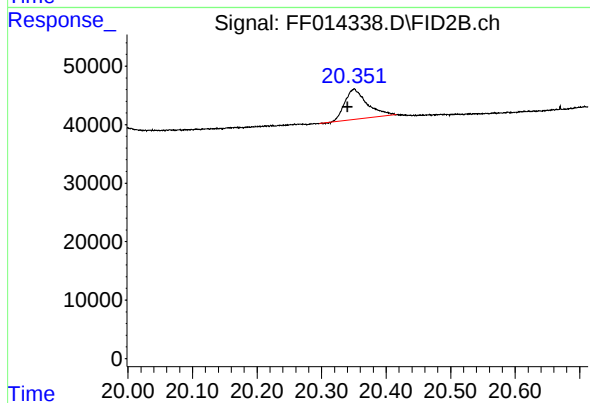
#14 N-DOTRIACONTANE

R.T.: 18.821 min
Delta R.T.: 0.003 min
Response: 185038
Conc: 1.58 ug/ml



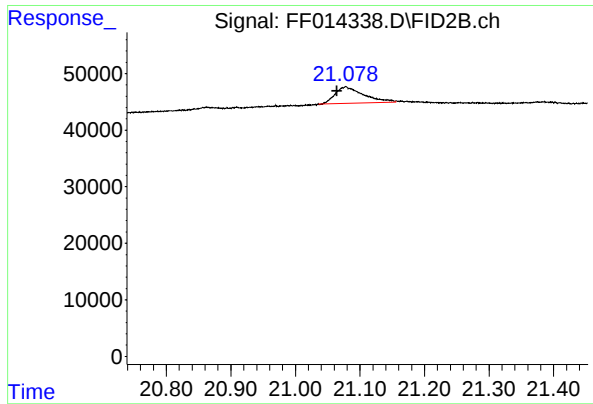
#15 N-TETRATRIACONTANE

R.T.: 19.605 min
Delta R.T.: 0.004 min
Response: 157127
Conc: 1.65 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.351 min
Delta R.T.: 0.010 min
Response: 124520
Conc: 1.67 ug/ml



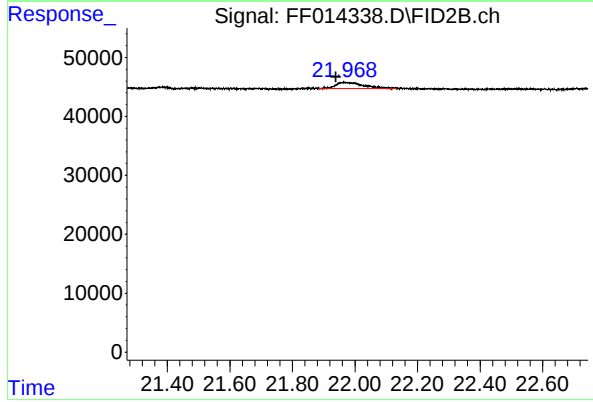
#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: 0.013 min
Response: 90212
Conc: 1.34 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.968 min
Delta R.T.: 0.028 min
Response: 64960
Conc: 1.03 ug/ml m