

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015919.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 15:36
 Operator : YP\AJ
 Sample : Q2126-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:14:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
 Quant Title :
 QLast Update : Wed May 21 12:32:51 2025
 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...	15.028	1759352	14.405 ug/ml
Target Compounds			
1) N-OCTANE	2.070	88856	0.729 ug/mlm
2) N-DECANE	4.829f	94843	0.800 ug/mlm
3) N-DODECANE	7.211f	183477	1.458 ug/mlm
4) N-TETRADECANE	8.846f	84228	0.671 ug/mlm
5) N-HEXADECANE	10.324f	125470	0.957 ug/mlm
6) N-OCTADECANE	11.692f	109018	0.793 ug/mlm
7) N-EICOSANE	12.965	113384	0.797 ug/ml
8) N-DOCOSANE	14.142	147424	1.061 ug/mlm
10) N-TETRACOSANE	15.246	166865	1.197 ug/ml
11) N-HEXACOSANE	16.281	149942	1.081 ug/ml
12) N-OCTACOSANE	17.224	157033	1.142 ug/ml
13) N-TRIACONTANE	18.108	161404	1.159 ug/ml
14) N-DOTRIACONTANE	18.939	147921	1.095 ug/ml
15) N-TETRATRIACONTANE	19.723	92816	0.753 ug/ml
16) N-HEXATRIACONTANE	20.465	82910	0.763 ug/mlm
17) N-OCTATRIACONTANE	21.208	84810	0.894 ug/mlm
18) N-TETRACONTANE	22.131	69399	0.817 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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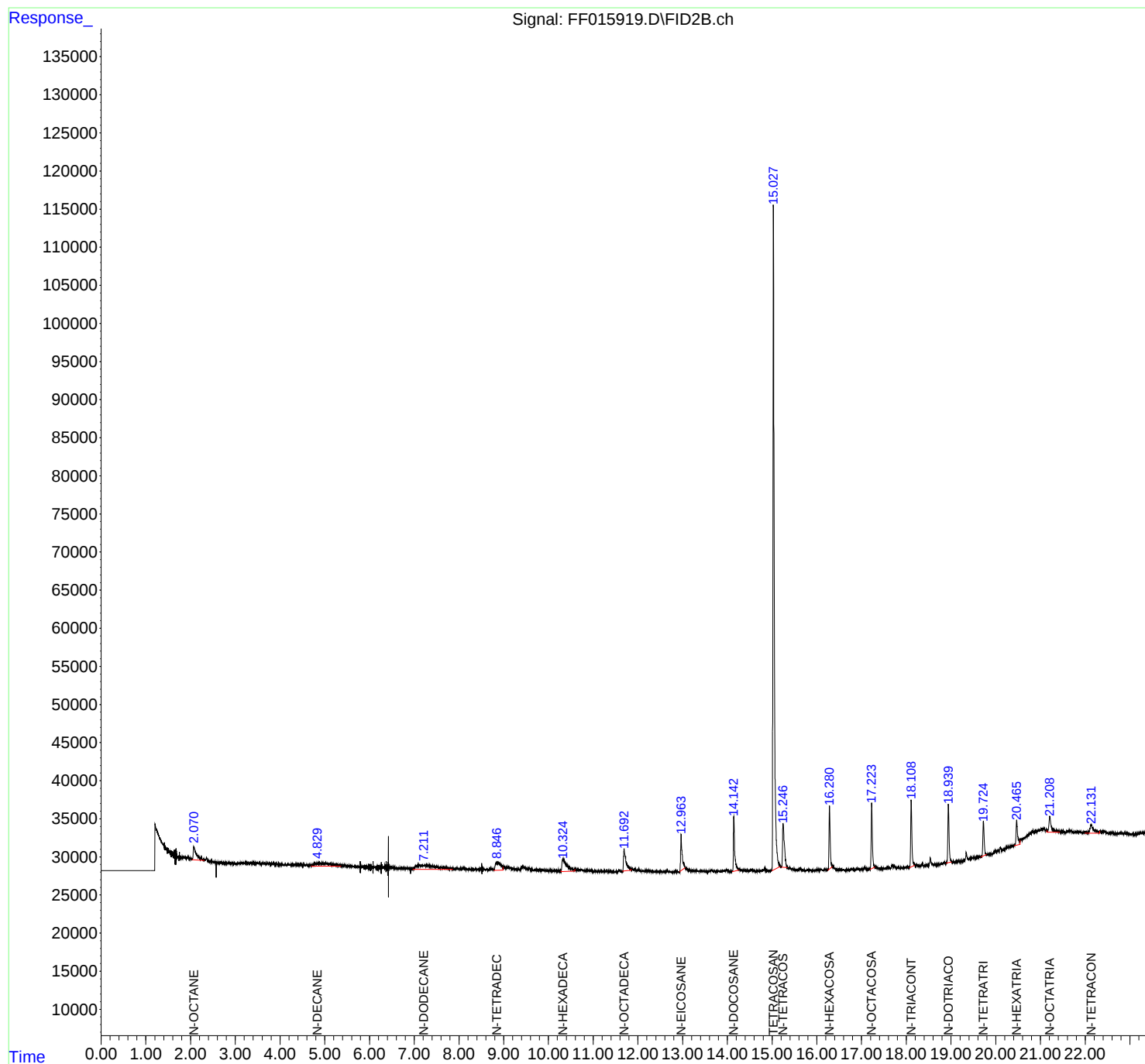
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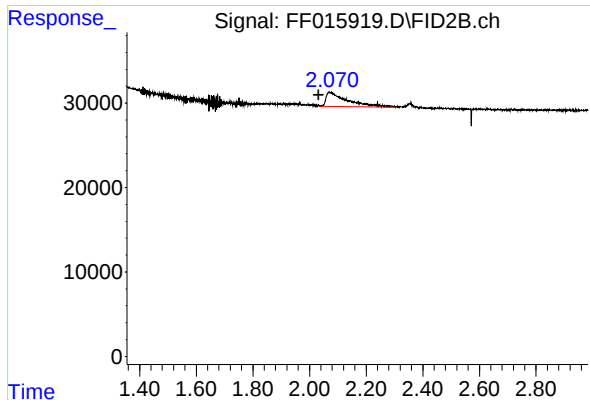
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
Quant Title :
QLast Update : Wed May 21 12:32:51 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.070 min
Delta R.T.: 0.037 min
Response: 88856
Conc: 0.73 ug/ml

Instrument :

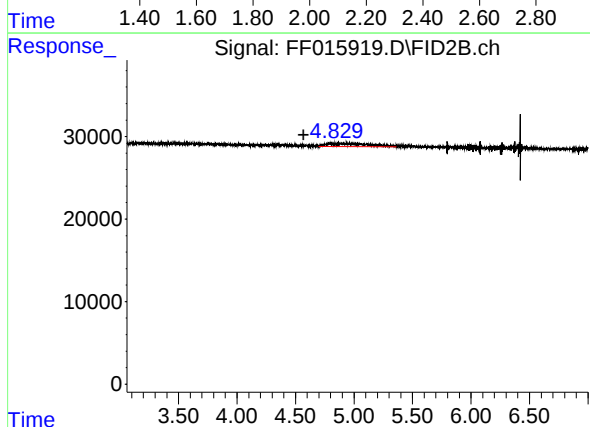
FID_F

ClientSampleId :

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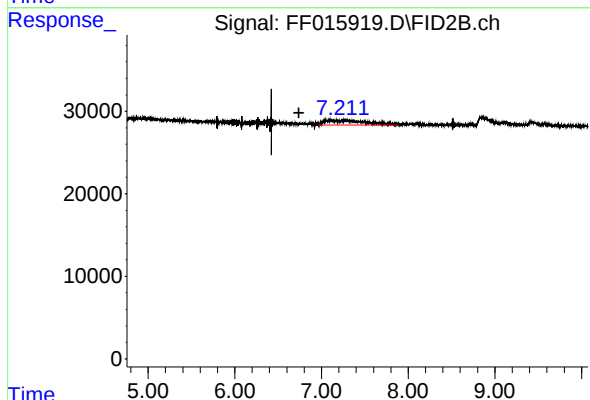
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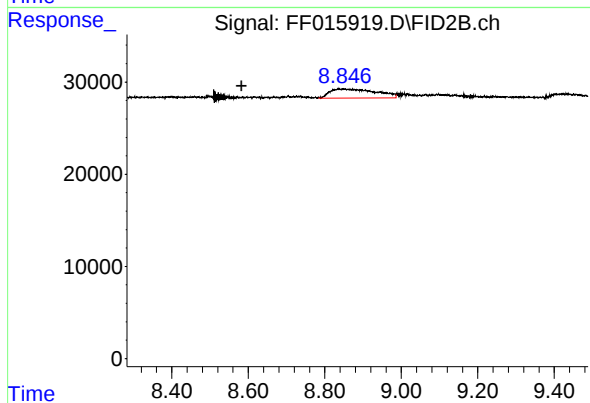
#2 N-DECANE

R.T.: 4.829 min
Delta R.T.: 0.258 min
Response: 94843
Conc: 0.80 ug/ml m



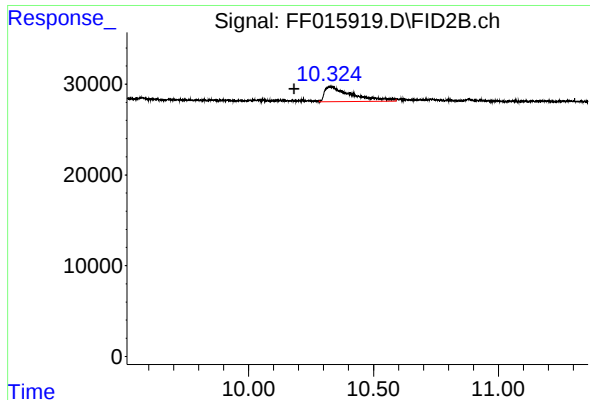
#3 N-DODECANE

R.T.: 7.211 min
Delta R.T.: 0.470 min
Response: 183477
Conc: 1.46 ug/ml m



#4 N-TETRADECANE

R.T.: 8.846 min
Delta R.T.: 0.263 min
Response: 84228
Conc: 0.67 ug/ml m



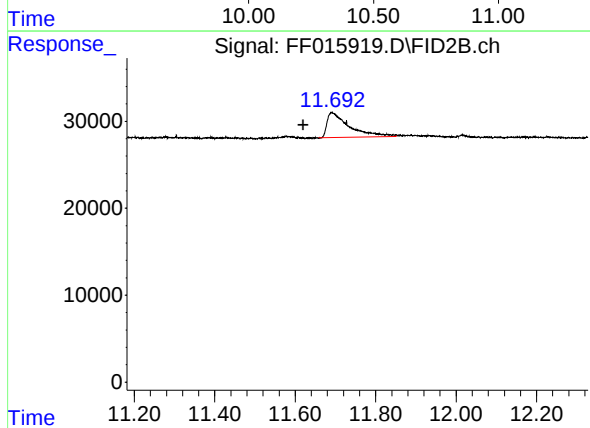
#5 N-HEXADECANE

R.T.: 10.324 min
Delta R.T.: 0.140 min
Response: 125470
Conc: 0.96 ug/ml

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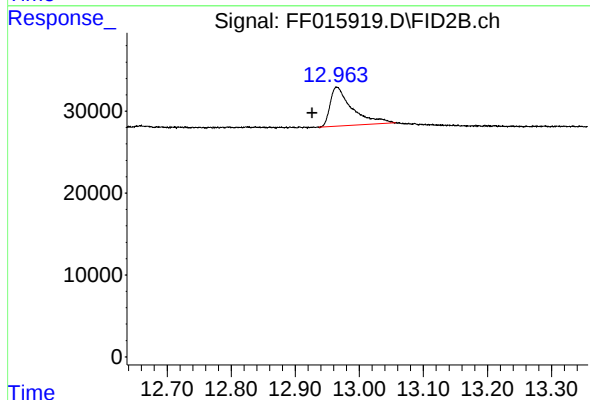
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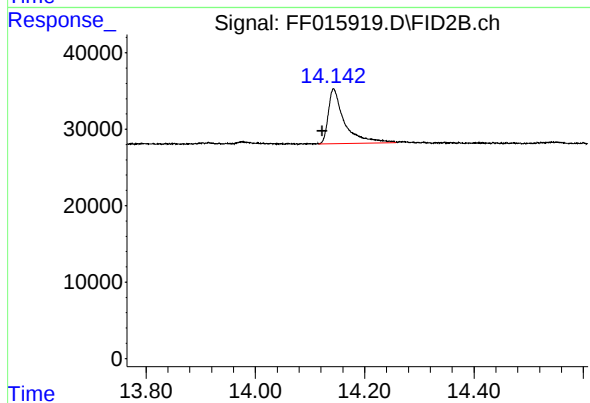
#6 N-OCTADECANE

R.T.: 11.692 min
Delta R.T.: 0.072 min
Response: 109018
Conc: 0.79 ug/ml m



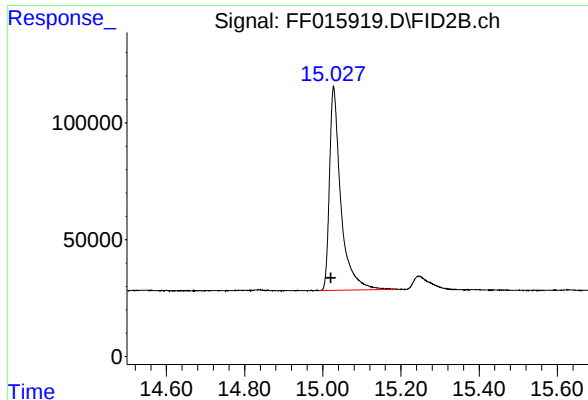
#7 N-EICOSANE

R.T.: 12.965 min
Delta R.T.: 0.038 min
Response: 113384
Conc: 0.80 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: 0.020 min
Response: 147424
Conc: 1.06 ug/ml m



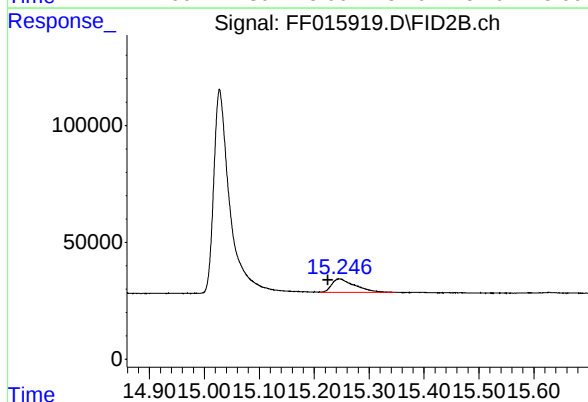
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.028 min
Delta R.T.: 0.007 min
Response: 1759352
Conc: 14.40 ug/ml

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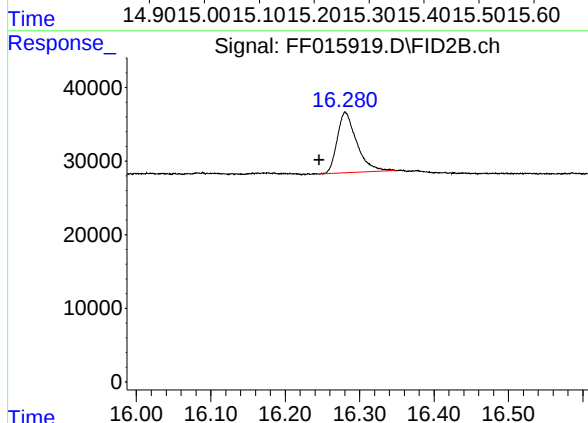
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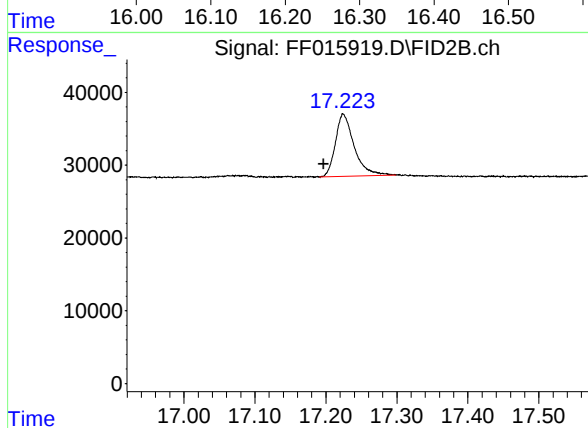
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: 0.021 min
Response: 166865
Conc: 1.20 ug/ml



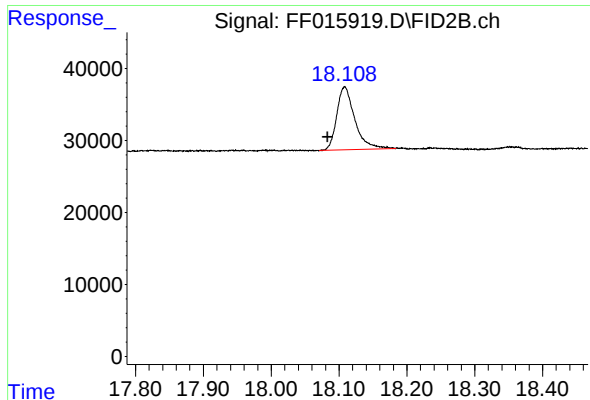
#11 N-HEXACOSANE

R.T.: 16.281 min
Delta R.T.: 0.035 min
Response: 149942
Conc: 1.08 ug/ml



#12 N-OCTACOSANE

R.T.: 17.224 min
Delta R.T.: 0.028 min
Response: 157033
Conc: 1.14 ug/ml



#13 N-TRIACONTANE

R.T.: 18.108 min
Delta R.T.: 0.025 min
Response: 161404
Conc: 1.16 ug/ml

Instrument :

FID_F

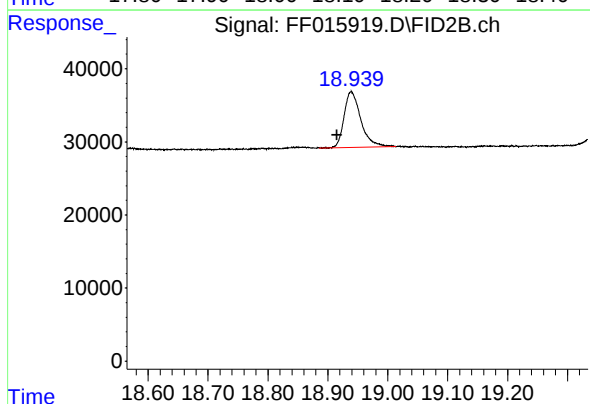
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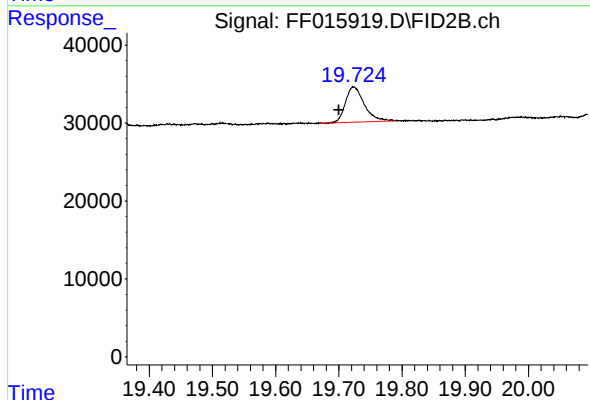
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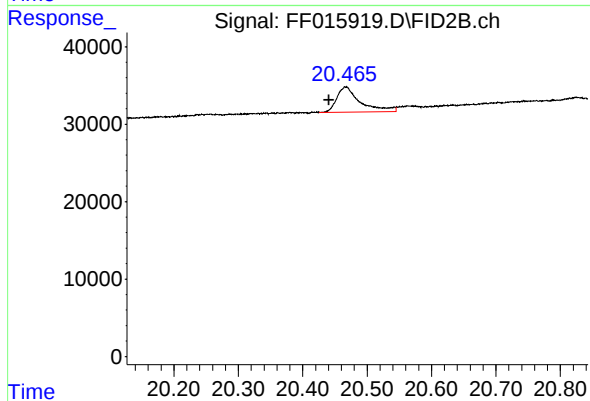
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: 0.023 min
Response: 147921
Conc: 1.10 ug/ml



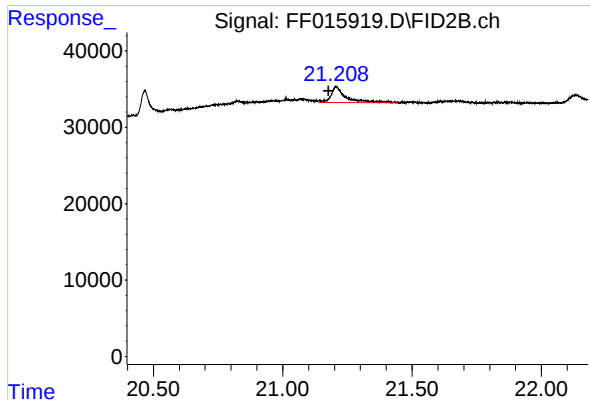
#15 N-TETRATRIACONTANE

R.T.: 19.723 min
Delta R.T.: 0.023 min
Response: 92816
Conc: 0.75 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.465 min
Delta R.T.: 0.024 min
Response: 82910
Conc: 0.76 ug/ml m



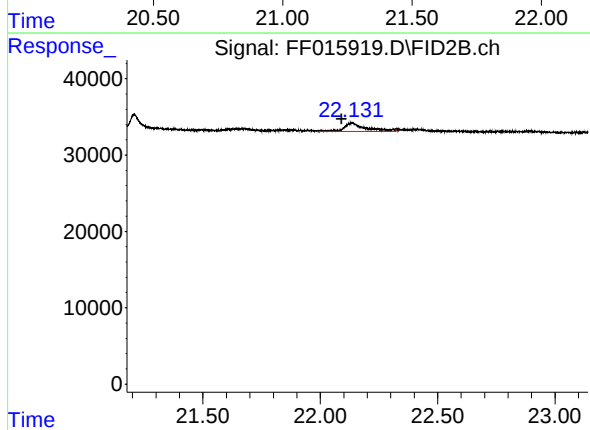
#17 N-OCTATRIACONTANE

R.T.: 21.208 min
Delta R.T.: 0.030 min
Response: 84810
Conc: 0.89 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.131 min
Delta R.T.: 0.039 min
Response: 69399
Conc: 0.82 ug/ml m