

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015920.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 16:05
 Operator : YP\AJ
 Sample : Q2126-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 73 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 04:43:32 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...	15.027	1898911	15.548 ug/ml
Target Compounds			
1) N-OCTANE	2.051	162954	1.337 ug/mlm
2) N-DECANE	4.682f	153117	1.292 ug/mlm
3) N-DODECANE	6.984f	244822	1.946 ug/mlm
4) N-TETRADECANE	8.758f	185810	1.481 ug/mlm
5) N-HEXADECANE	10.274f	208363	1.589 ug/mlm
6) N-OCTADECANE	11.667	238069	1.733 ug/mlm
7) N-EICOSANE	12.952	271449	1.908 ug/mlm
8) N-DOCOSANE	14.138	261430	1.882 ug/mlm
10) N-TETRACOSANE	15.242	261417	1.876 ug/ml
11) N-HEXACOSANE	16.268	240055	1.731 ug/ml
12) N-OCTACOSANE	17.216	246849	1.796 ug/ml
13) N-TRIACONTANE	18.100	249139	1.790 ug/ml
14) N-DOTRIACONTANE	18.933	234648	1.738 ug/ml
15) N-TETRATRIACONTANE	19.716	192390	1.560 ug/mlm
16) N-HEXATRIACONTANE	20.458	129979	1.197 ug/ml
17) N-OCTATRIACONTANE	21.200	117972	1.243 ug/mlm
18) N-TETRACONTANE	22.130	121813	1.434 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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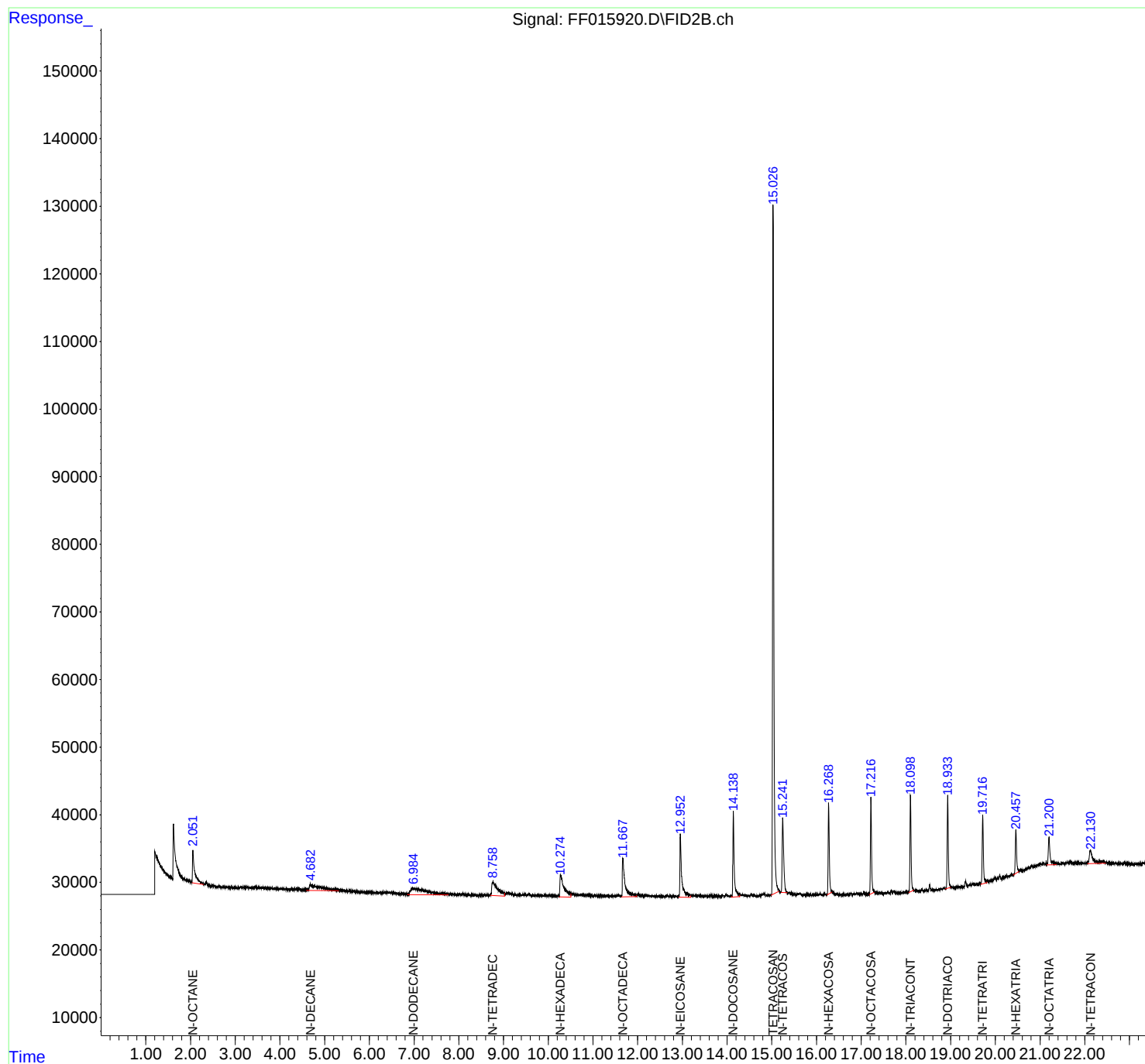
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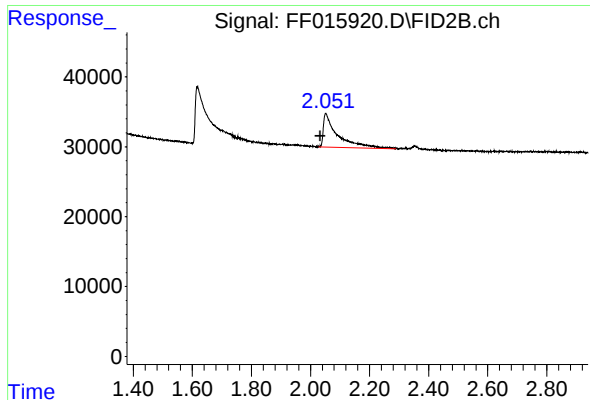
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Quant Title :
QLast Update : Wed May 21 12:32:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 N-OCTANE

R.T.: 2.051 min
Delta R.T.: 0.018 min
Response: 162954
Conc: 1.34 ug/ml

Instrument :

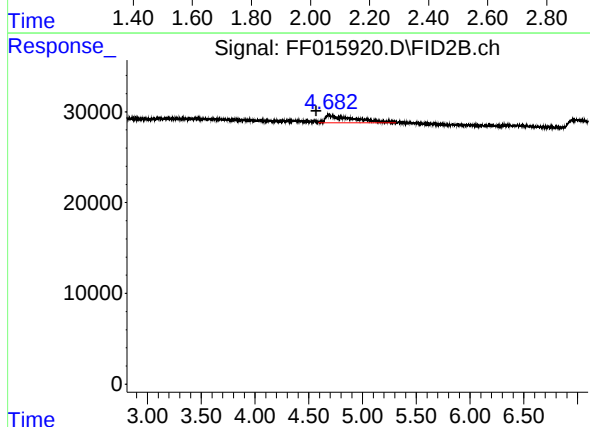
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ClientSampleId :

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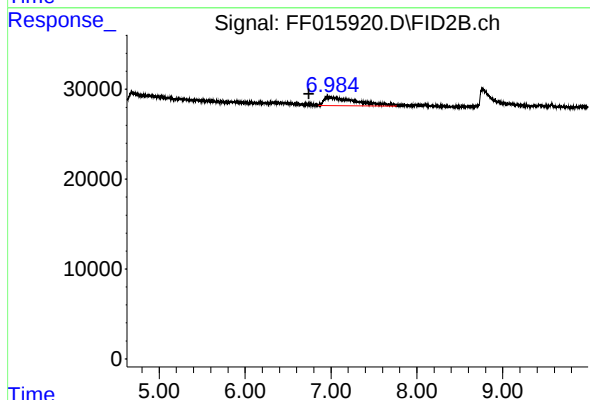
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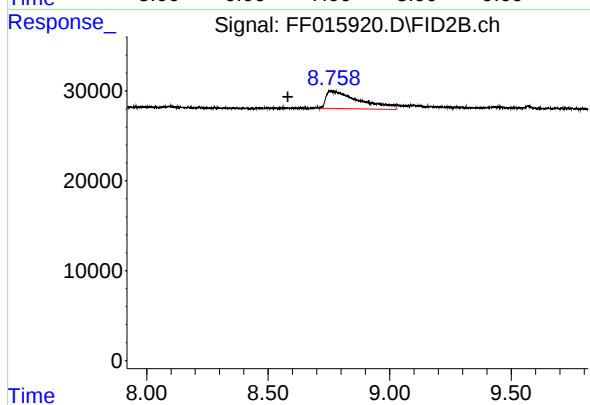
#2 N-DECANE

R.T.: 4.682 min
Delta R.T.: 0.111 min
Response: 153117
Conc: 1.29 ug/ml m



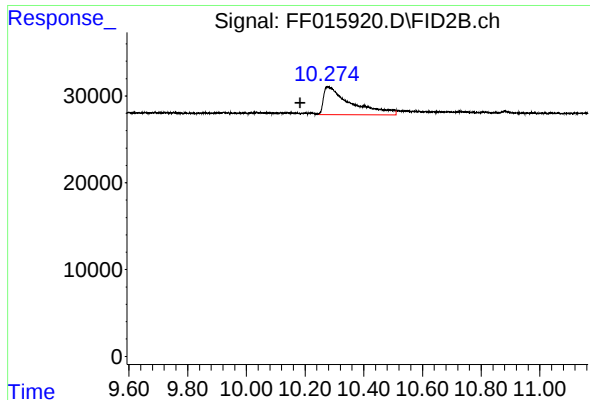
#3 N-DODECANE

R.T.: 6.984 min
Delta R.T.: 0.244 min
Response: 244822
Conc: 1.95 ug/ml m



#4 N-TETRADECANE

R.T.: 8.758 min
Delta R.T.: 0.175 min
Response: 185810
Conc: 1.48 ug/ml m



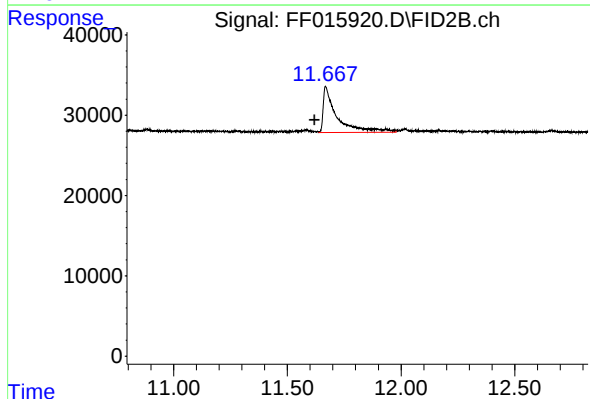
#5 N-HEXADECANE

R.T.: 10.274 min
Delta R.T.: 0.091 min
Response: 208363
Conc: 1.59 ug/ml

Instrument :
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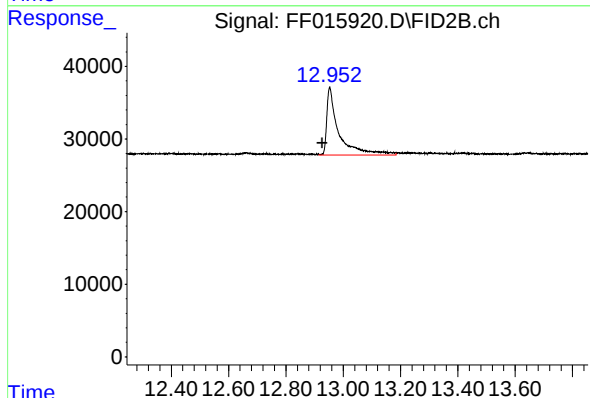
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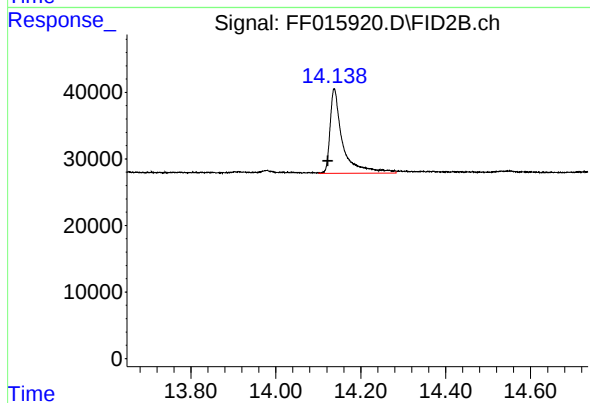
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: 0.047 min
Response: 238069
Conc: 1.73 ug/ml m



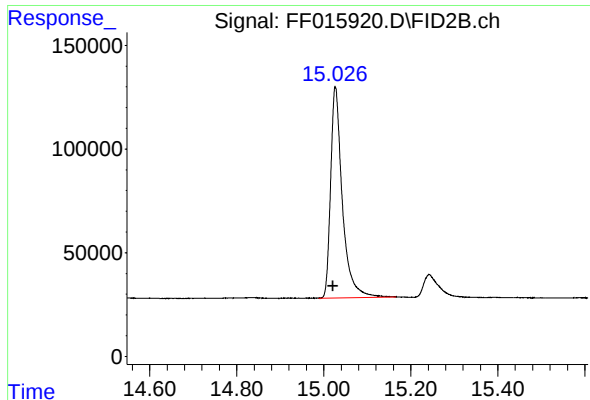
#7 N-EICOSANE

R.T.: 12.952 min
Delta R.T.: 0.025 min
Response: 271449
Conc: 1.91 ug/ml m



#8 N-DOCOSANE

R.T.: 14.138 min
Delta R.T.: 0.015 min
Response: 261430
Conc: 1.88 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.027 min
Delta R.T.: 0.006 min
Response: 1898911
Conc: 15.55 ug/ml

Instrument :

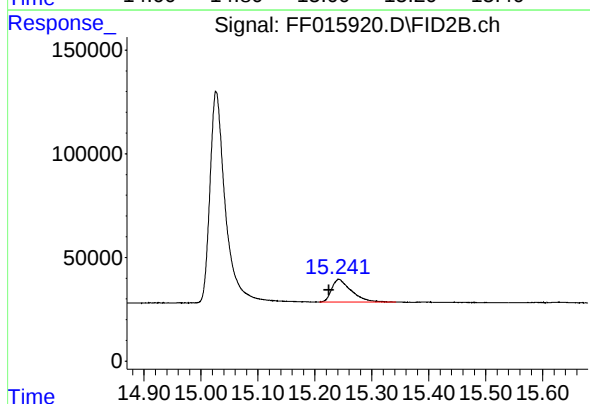
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ClientSampleId :

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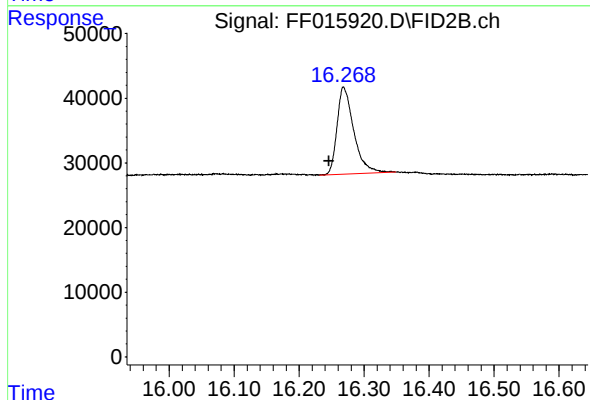
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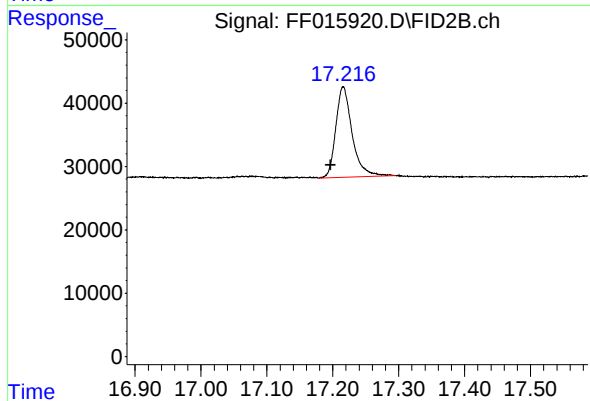
#10 N-TETRACOSANE

R.T.: 15.242 min
Delta R.T.: 0.017 min
Response: 261417
Conc: 1.88 ug/ml



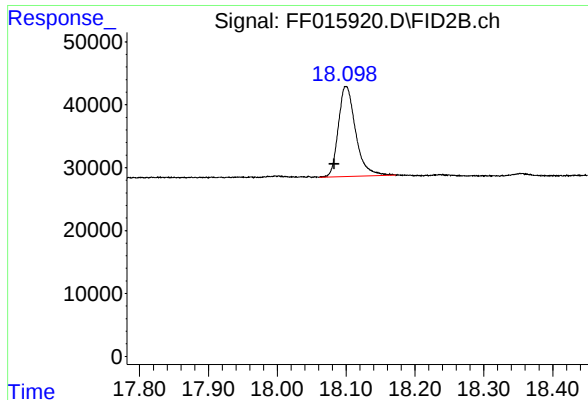
#11 N-HEXACOSANE

R.T.: 16.268 min
Delta R.T.: 0.022 min
Response: 240055
Conc: 1.73 ug/ml



#12 N-OCTACOSANE

R.T.: 17.216 min
Delta R.T.: 0.019 min
Response: 246849
Conc: 1.80 ug/ml



#13 N-TRIACONTANE

R.T.: 18.100 min
Delta R.T.: 0.017 min
Response: 249139
Conc: 1.79 ug/ml

Instrument :

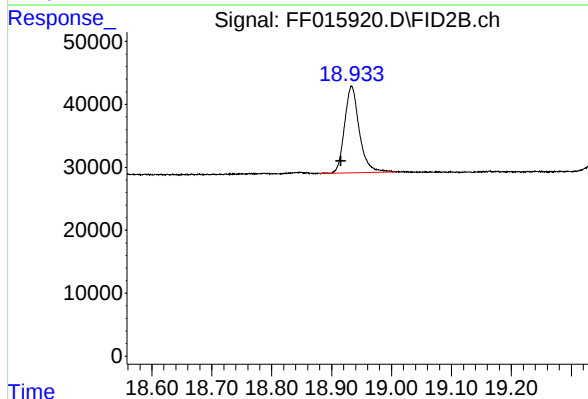
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ClientSampleId :

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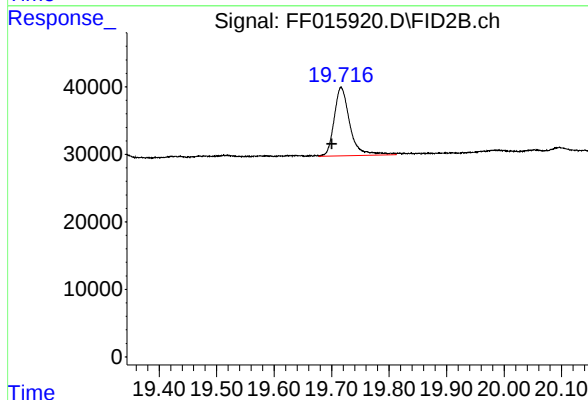
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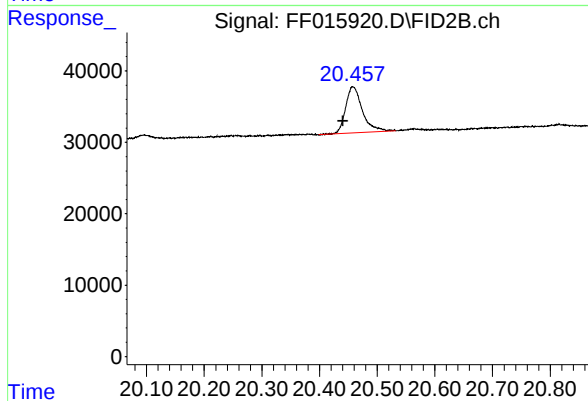
#14 N-DOTRIACONTANE

R.T.: 18.933 min
Delta R.T.: 0.018 min
Response: 234648
Conc: 1.74 ug/ml



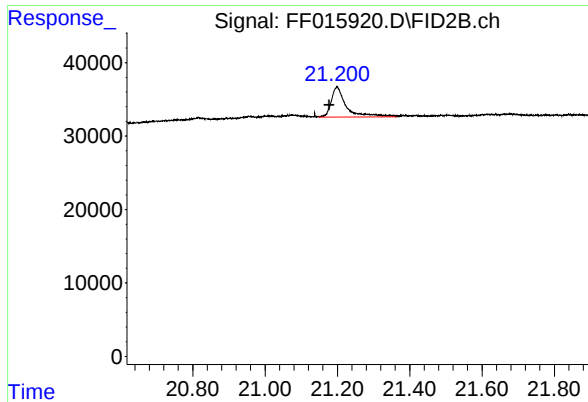
#15 N-TETRATRIACONTANE

R.T.: 19.716 min
Delta R.T.: 0.016 min
Response: 192390
Conc: 1.56 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.458 min
Delta R.T.: 0.017 min
Response: 129979
Conc: 1.20 ug/ml



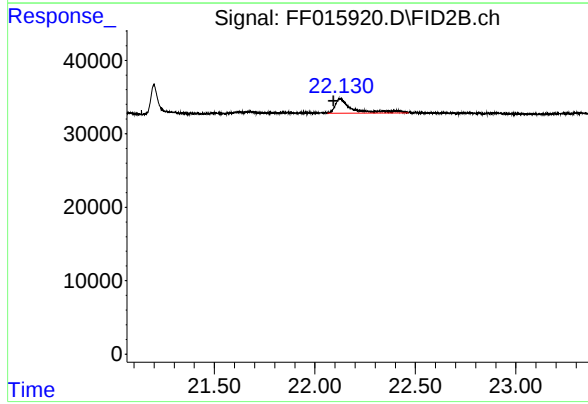
#17 N-OCTATRIACONTANE

R.T.: 21.200 min
Delta R.T.: 0.022 min
Response: 117972
Conc: 1.24 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.130 min
Delta R.T.: 0.038 min
Response: 121813
Conc: 1.43 ug/ml m