

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015921.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 16:35
 Operator : YP\AJ
 Sample : Q2126-11
 Misc : 5 PPM WATER LOD
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-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 04:43:55 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...	15.022	3021575	24.739 ug/ml
Target Compounds			
1) N-OCTANE	2.041	371242	3.045 ug/mlm
2) N-DECANE	4.601	461673	3.895 ug/mlm
3) N-DODECANE	6.803f	723905	5.753 ug/mlm
4) N-TETRADECANE	8.649f	454016	3.618 ug/mlm
5) N-HEXADECANE	10.215	481513	3.671 ug/mlm
6) N-OCTADECANE	11.635	476005	3.464 ug/mlm
7) N-EICOSANE	12.936	549617	3.863 ug/mlm
8) N-DOCOSANE	14.128	502226	3.615 ug/ml
10) N-TETRACOSANE	15.233	532714	3.822 ug/ml
11) N-HEXACOSANE	16.255	502616	3.624 ug/ml
12) N-OCTACOSANE	17.204	507906	3.695 ug/ml
13) N-TRIACONTANE	18.091	514568	3.696 ug/ml
14) N-DOTRIACONTANE	18.923	480504	3.559 ug/ml
15) N-TETRATRIACONTANE	19.706	413211	3.350 ug/mlm
16) N-HEXATRIACONTANE	20.446	315520	2.905 ug/mlm
17) N-OCTATRIACONTANE	21.189	250379	2.639 ug/mlm
18) N-TETRACONTANE	22.111	215470	2.536 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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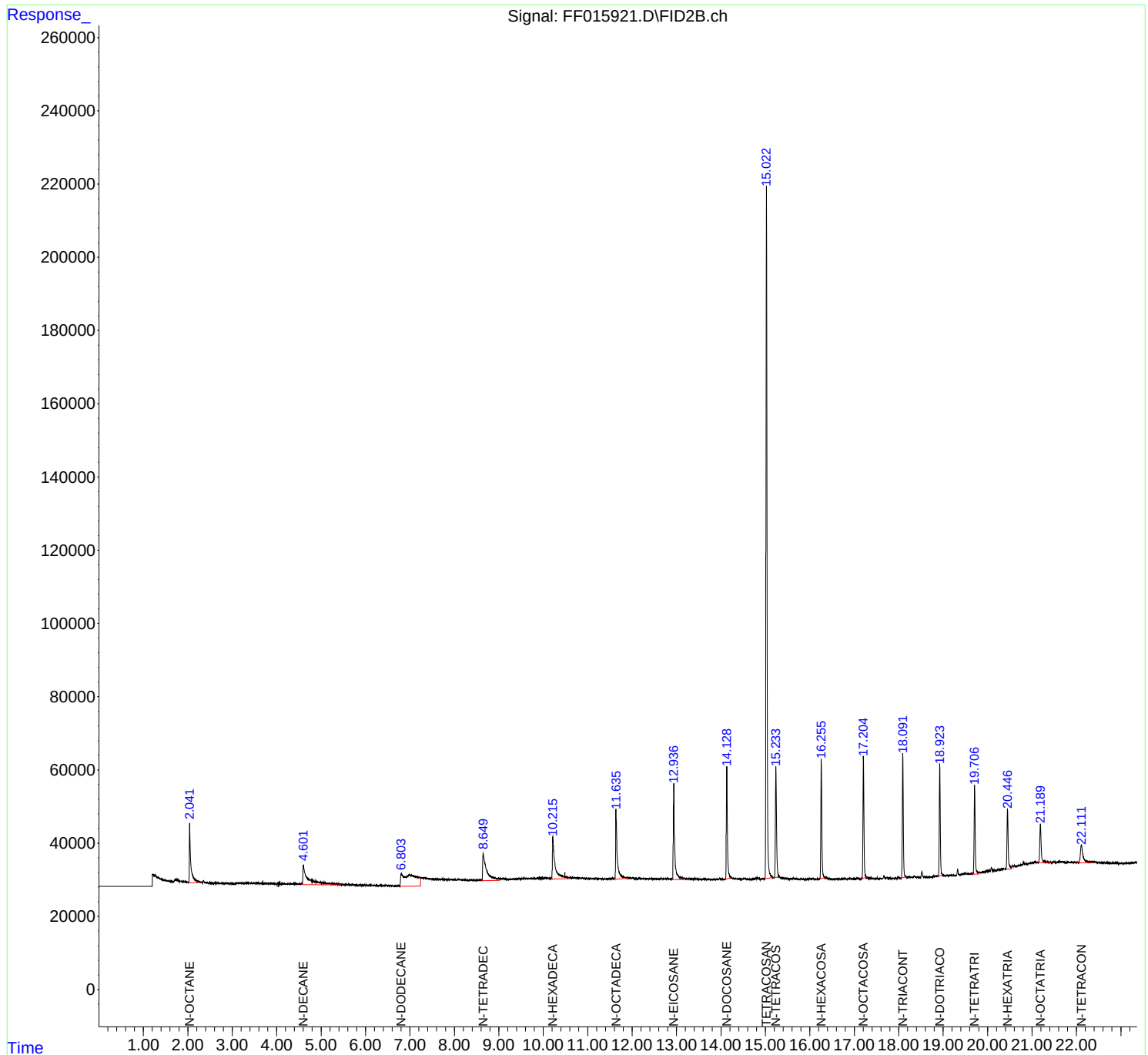
Instrument :
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ClientSampleId :
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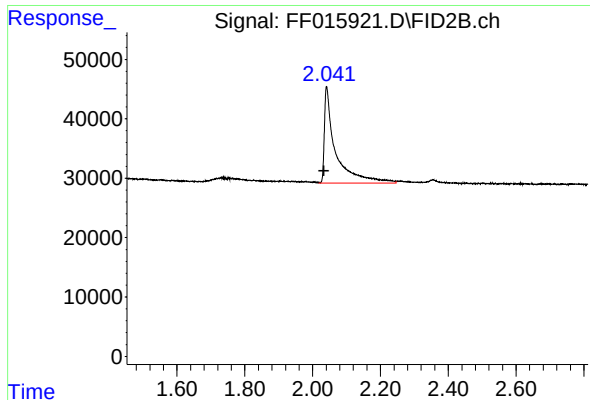
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





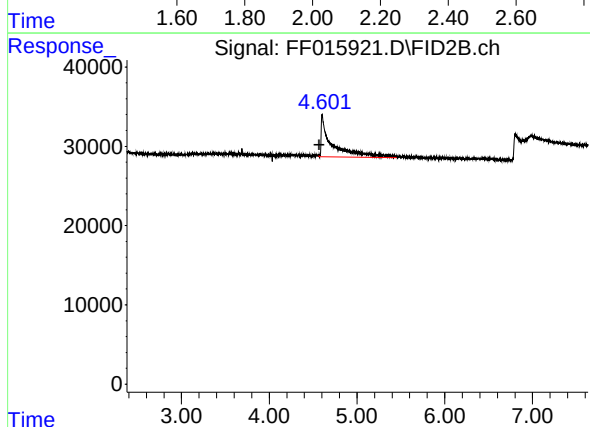
#1 N-OCTANE

R.T.: 2.041 min
Delta R.T.: 0.008 min
Response: 371242
Conc: 3.05 ug/ml

Instrument :
FID_F
ClientSampleId :
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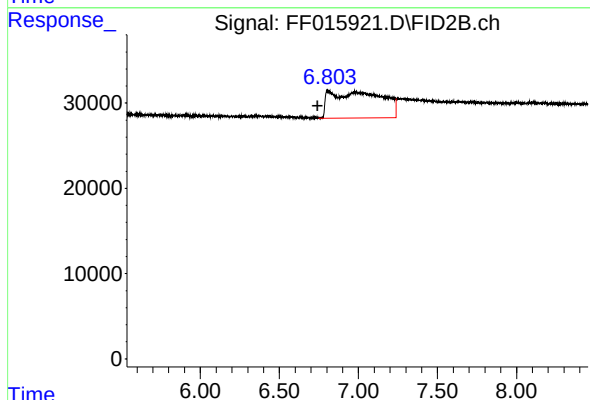
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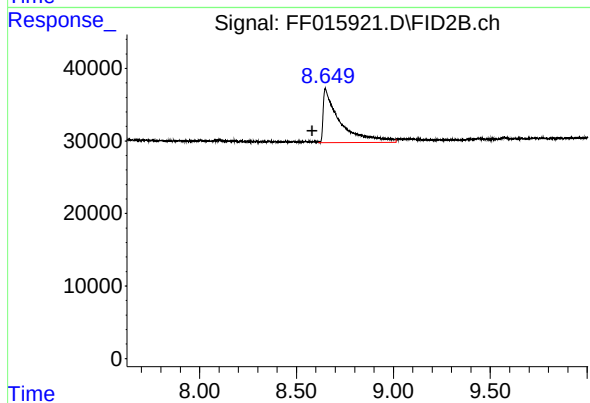
#2 N-DECANE

R.T.: 4.601 min
Delta R.T.: 0.030 min
Response: 461673
Conc: 3.89 ug/ml m



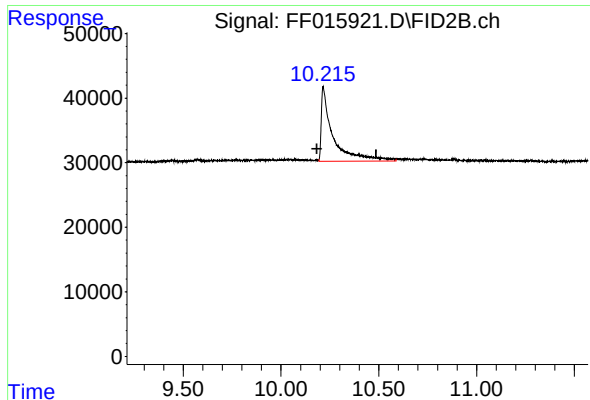
#3 N-DODECANE

R.T.: 6.803 min
Delta R.T.: 0.062 min
Response: 723905
Conc: 5.75 ug/ml m



#4 N-TETRADECANE

R.T.: 8.649 min
Delta R.T.: 0.066 min
Response: 454016
Conc: 3.62 ug/ml m



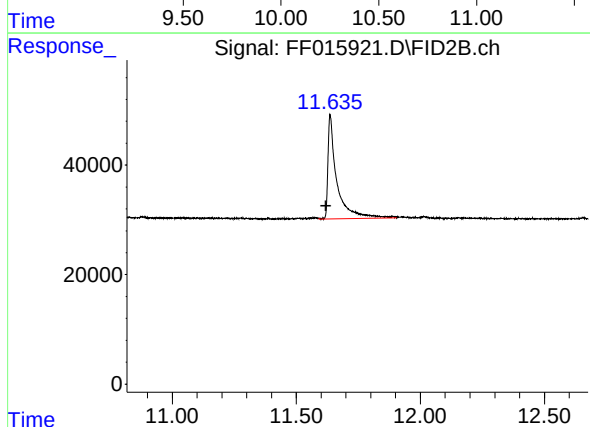
#5 N-HEXADECANE

R.T.: 10.215 min
Delta R.T.: 0.031 min
Response: 481513
Conc: 3.67 ug/ml

Instrument : FID_F
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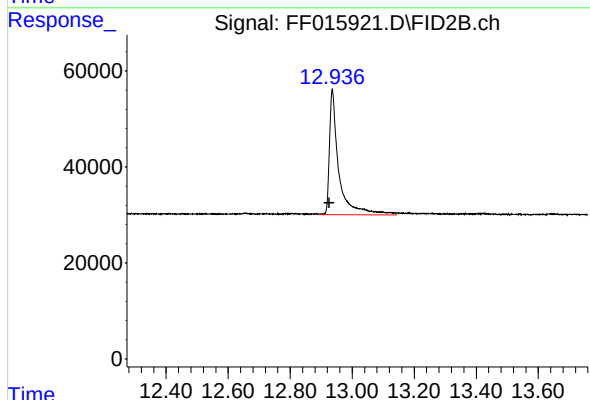
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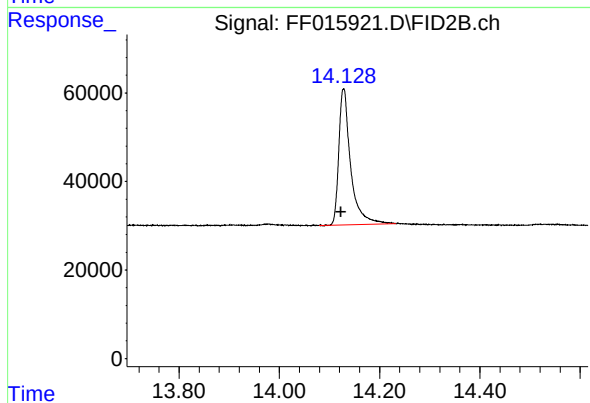
#6 N-OCTADECANE

R.T.: 11.635 min
Delta R.T.: 0.015 min
Response: 476005
Conc: 3.46 ug/ml m



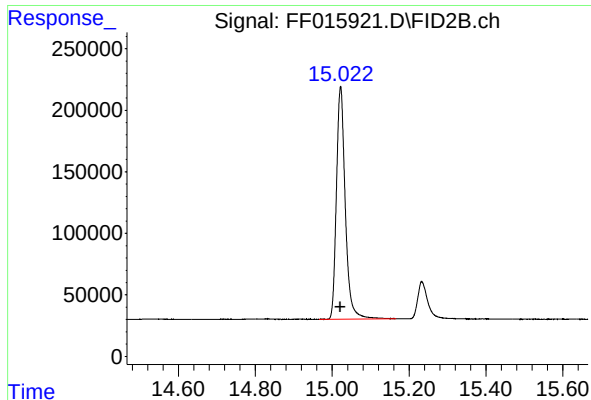
#7 N-EICOSANE

R.T.: 12.936 min
Delta R.T.: 0.009 min
Response: 549617
Conc: 3.86 ug/ml m



#8 N-DOCOSANE

R.T.: 14.128 min
Delta R.T.: 0.006 min
Response: 502226
Conc: 3.62 ug/ml



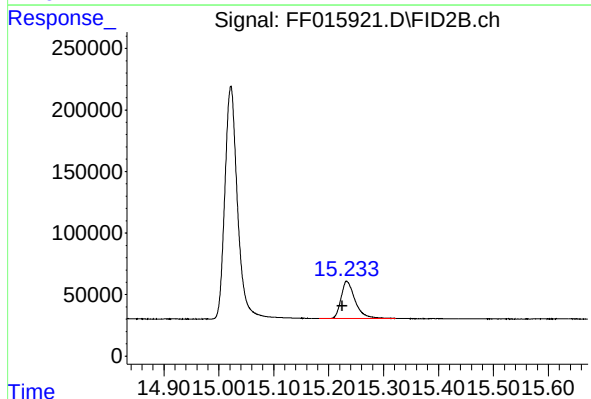
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.022 min
Delta R.T.: 0.001 min
Response: 3021575
Conc: 24.74 ug/ml

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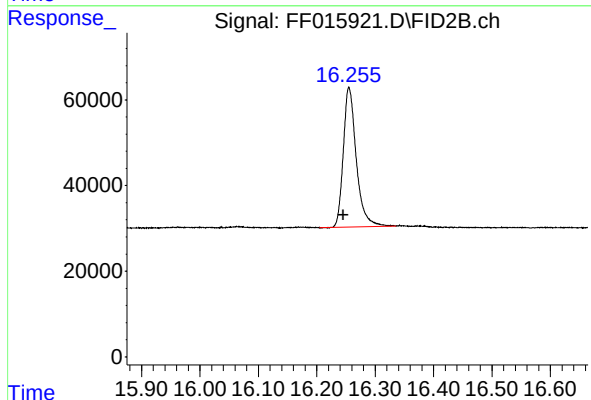
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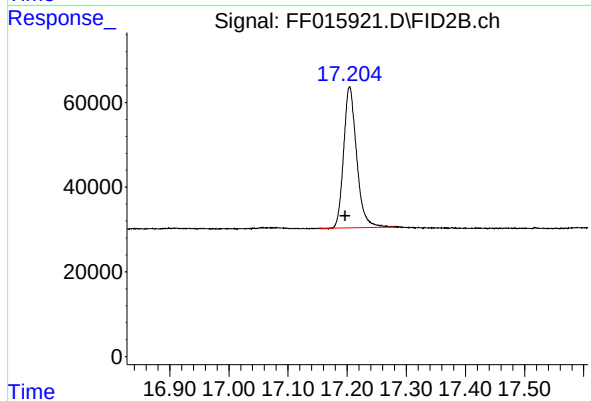
#10 N-TETRACOSANE

R.T.: 15.233 min
Delta R.T.: 0.008 min
Response: 532714
Conc: 3.82 ug/ml



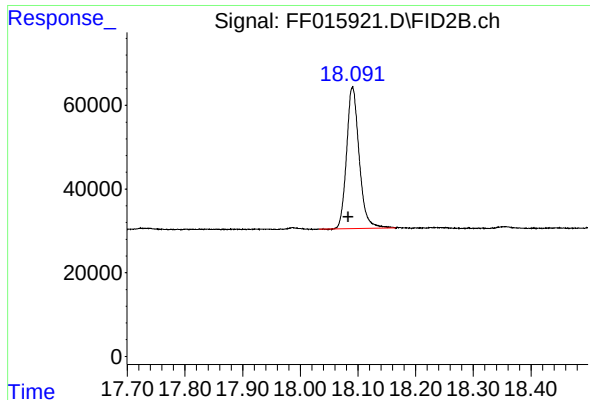
#11 N-HEXACOSANE

R.T.: 16.255 min
Delta R.T.: 0.009 min
Response: 502616
Conc: 3.62 ug/ml



#12 N-OCTACOSANE

R.T.: 17.204 min
Delta R.T.: 0.007 min
Response: 507906
Conc: 3.69 ug/ml



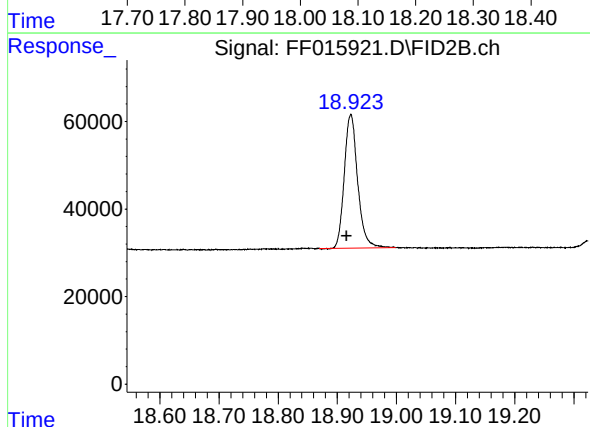
#13 N-TRIACONTANE

R.T.: 18.091 min
Delta R.T.: 0.007 min
Response: 514568
Conc: 3.70 ug/ml

Instrument :
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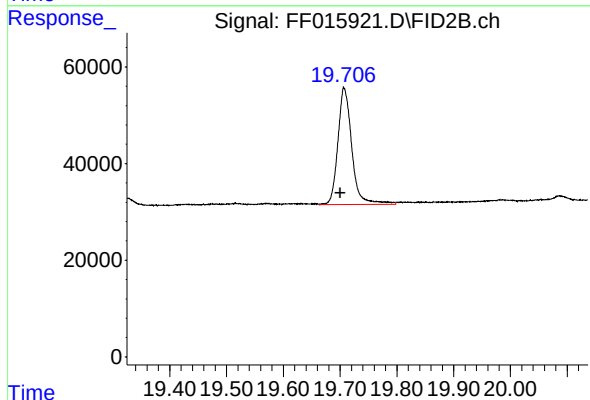
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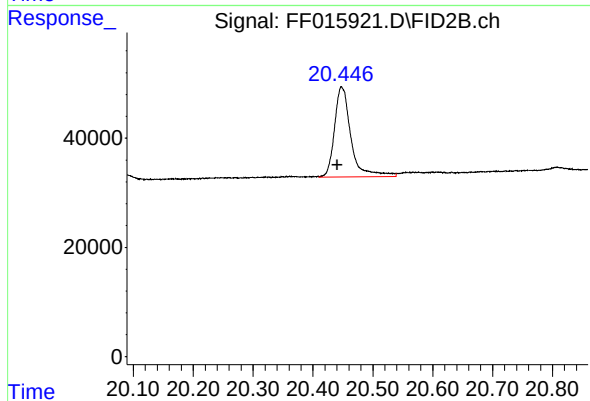
#14 N-DOTRIACONTANE

R.T.: 18.923 min
Delta R.T.: 0.007 min
Response: 480504
Conc: 3.56 ug/ml



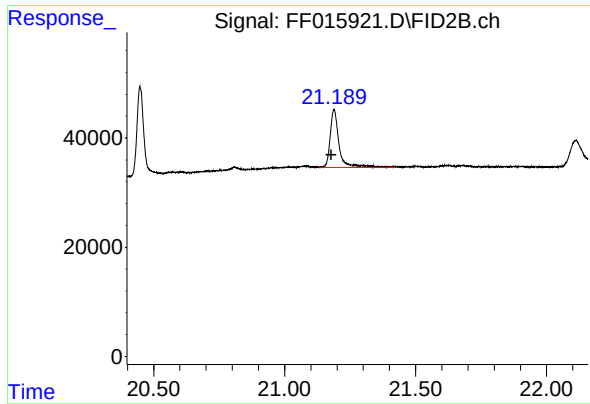
#15 N-TETRATRIACONTANE

R.T.: 19.706 min
Delta R.T.: 0.005 min
Response: 413211
Conc: 3.35 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.446 min
Delta R.T.: 0.005 min
Response: 315520
Conc: 2.91 ug/ml m



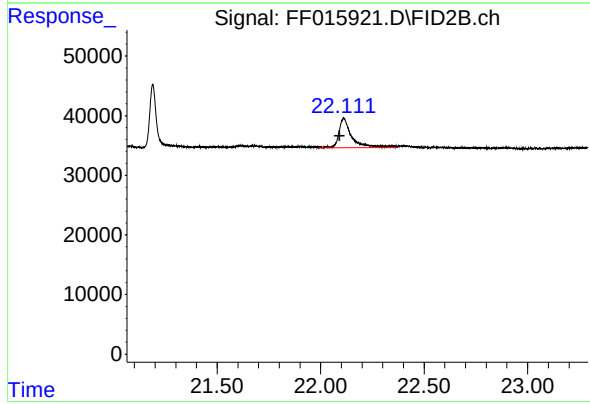
#17 N-OCTATRIACONTANE

R.T.: 21.189 min
Delta R.T.: 0.012 min
Response: 250379
Conc: 2.64 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.111 min
Delta R.T.: 0.019 min
Response: 215470
Conc: 2.54 ug/ml m