

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015925.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 19:02
 Operator : YP\AJ
 Sample : Q2126-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-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 04:45:10 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	2021416	16.551 ug/ml
Target Compounds			
1) N-OCTANE	2.178f	48677	0.399 ug/mlm
2) N-DECANE	4.473f	13655	0.115 ug/mlm
3) N-DODECANE	7.429f	135074	1.074 ug/mlm
4) N-TETRADECANE	8.961f	108877	0.868 ug/mlm
5) N-HEXADECANE	10.405f	103439	0.789 ug/mlm
6) N-OCTADECANE	11.721f	122235	0.890 ug/mlm
7) N-EICOSANE	12.980f	123990	0.871 ug/mlm
8) N-DOCOSANE	14.148	108187	0.779 ug/mlm
10) N-TETRACOSANE	15.244	137607	0.987 ug/mlm
11) N-HEXACOSANE	16.277	114801	0.828 ug/ml
12) N-OCTACOSANE	17.216	159338	1.159 ug/mlm
13) N-TRIACONTANE	18.097	194132	1.394 ug/mlm
14) N-DOTRIACONTANE	18.928	216269	1.602 ug/mlm
15) N-TETRATRIACONTANE	19.713	170142	1.380 ug/mlm
16) N-HEXATRIACONTANE	20.455	121266	1.117 ug/ml
17) N-OCTATRIACONTANE	21.198	91902	0.968 ug/mlm
18) N-TETRACONTANE	22.121	80661	0.950 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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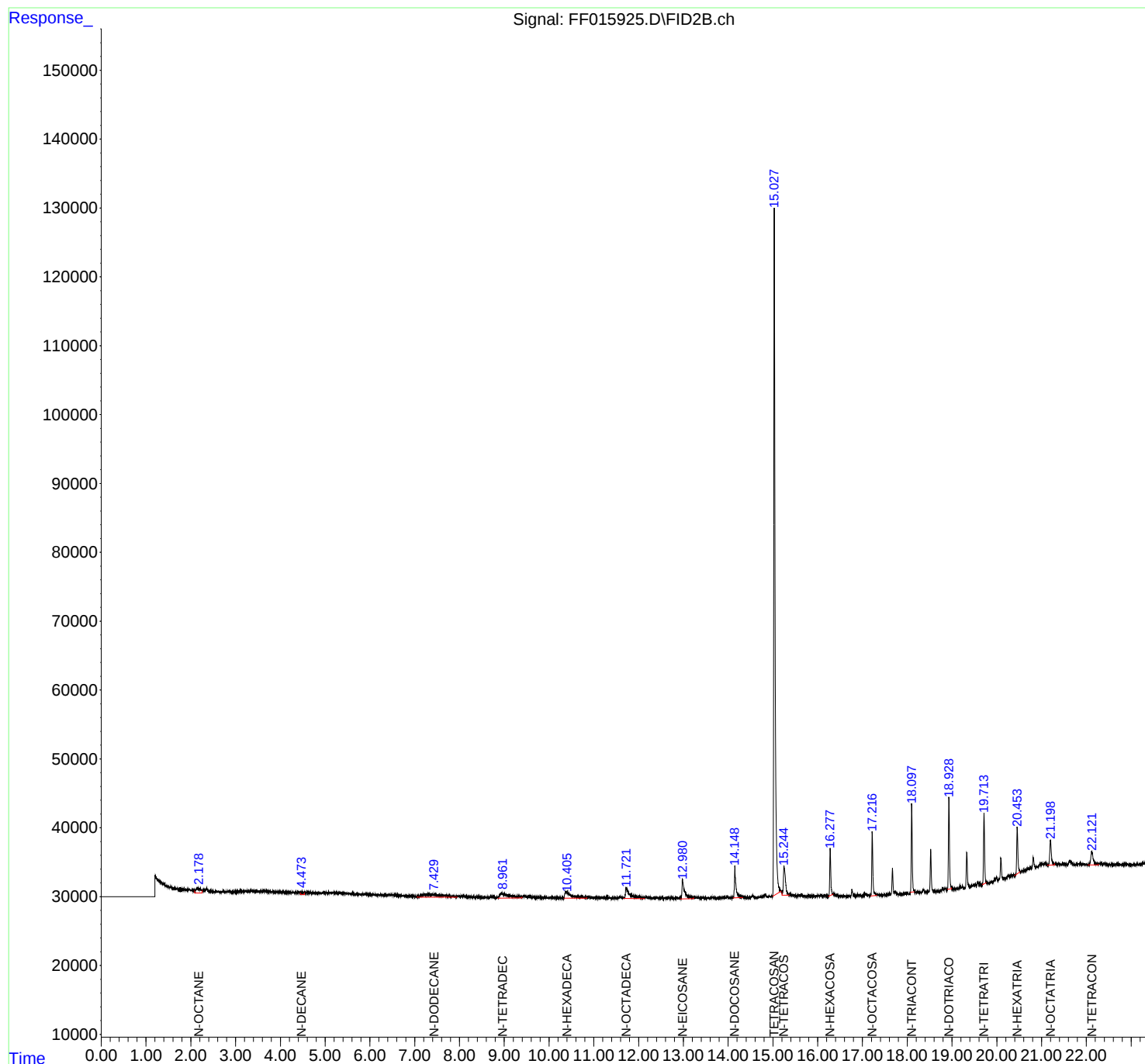
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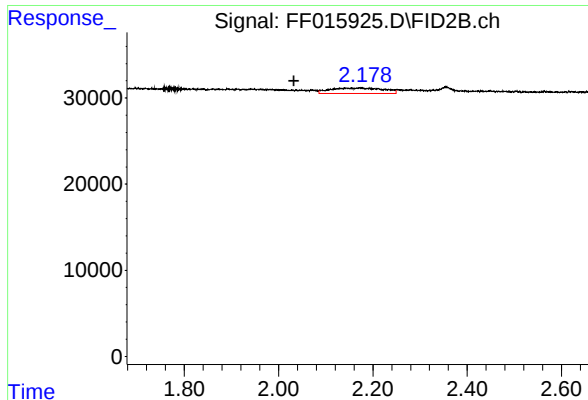
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Quant Time: Jun 11 04:45:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
Quant Title :
QLast Update : Wed May 21 12:32:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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





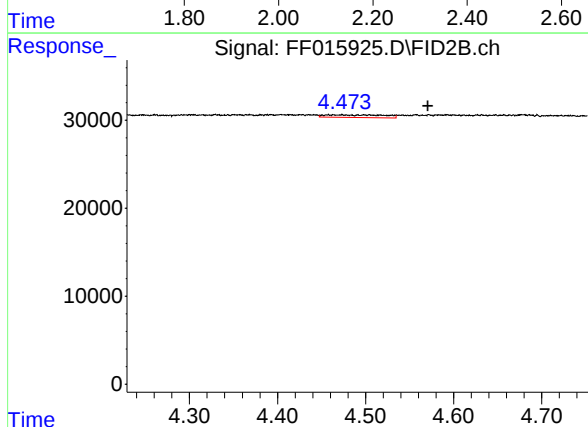
#1 N-OCTANE

R.T.: 2.178 min
Delta R.T.: 0.145 min
Response: 48677
Conc: 0.40 ug/ml

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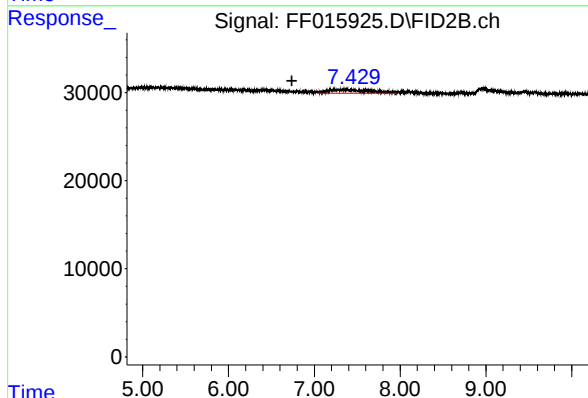
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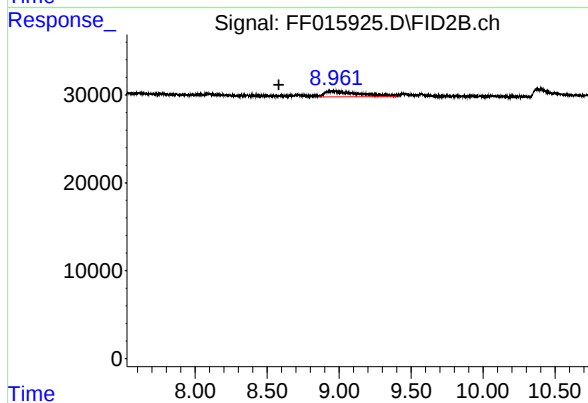
#2 N-DECANE

R.T.: 4.473 min
Delta R.T.: -0.098 min
Response: 13655
Conc: 0.12 ug/ml m



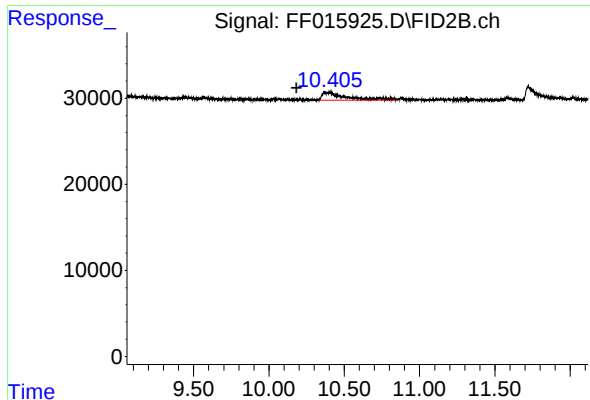
#3 N-DODECANE

R.T.: 7.429 min
Delta R.T.: 0.688 min
Response: 135074
Conc: 1.07 ug/ml m



#4 N-TETRADECANE

R.T.: 8.961 min
Delta R.T.: 0.379 min
Response: 108877
Conc: 0.87 ug/ml m



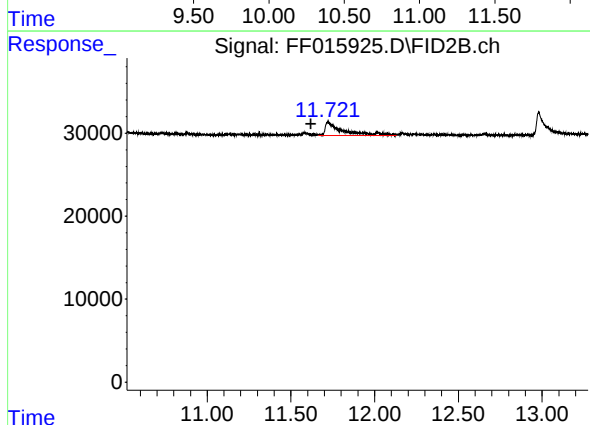
#5 N-HEXADECANE

R.T.: 10.405 min
Delta R.T.: 0.222 min
Response: 103439
Conc: 0.79 ug/ml

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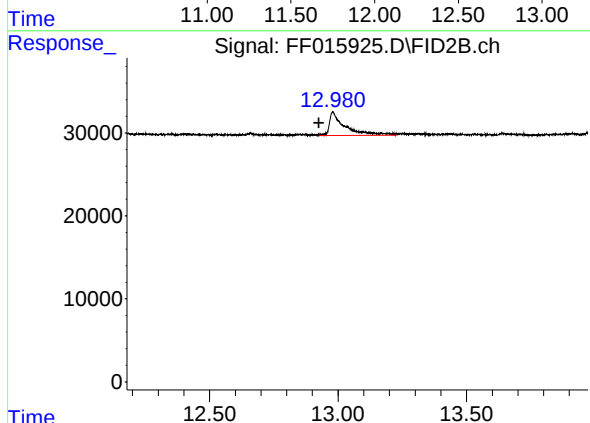
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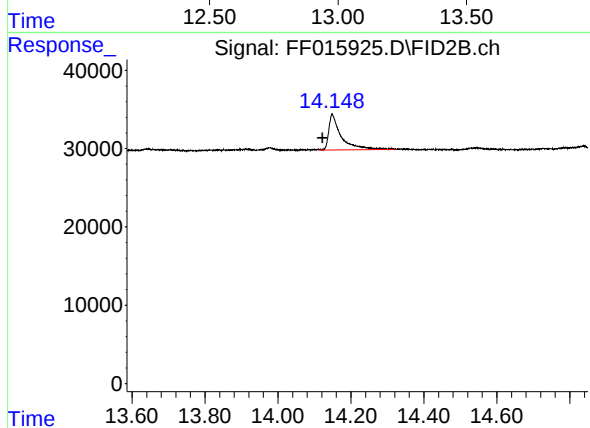
#6 N-OCTADECANE

R.T.: 11.721 min
Delta R.T.: 0.100 min
Response: 122235
Conc: 0.89 ug/ml m



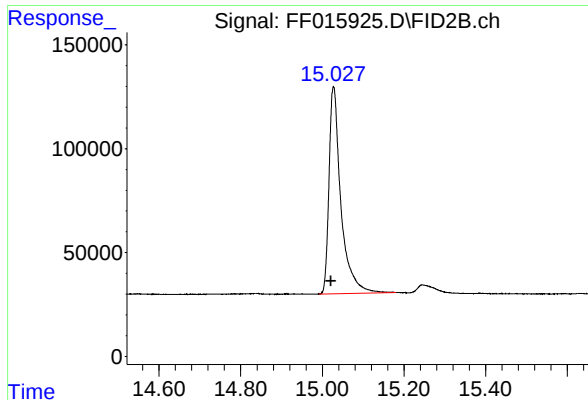
#7 N-EICOSANE

R.T.: 12.980 min
Delta R.T.: 0.053 min
Response: 123990
Conc: 0.87 ug/ml m



#8 N-DOCOSANE

R.T.: 14.148 min
Delta R.T.: 0.025 min
Response: 108187
Conc: 0.78 ug/ml m



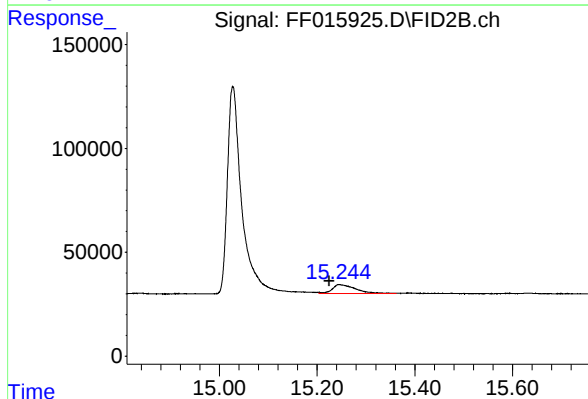
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.028 min
Delta R.T.: 0.007 min
Response: 2021416
Conc: 16.55 ug/ml

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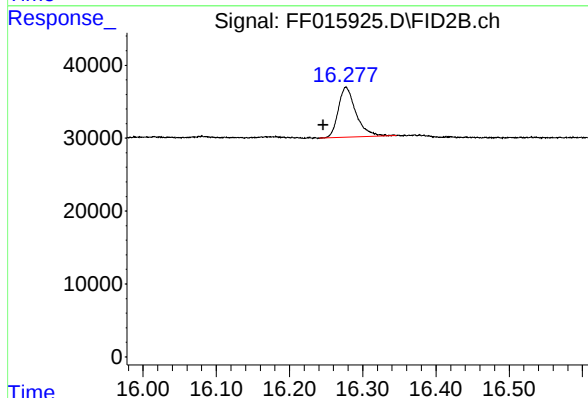
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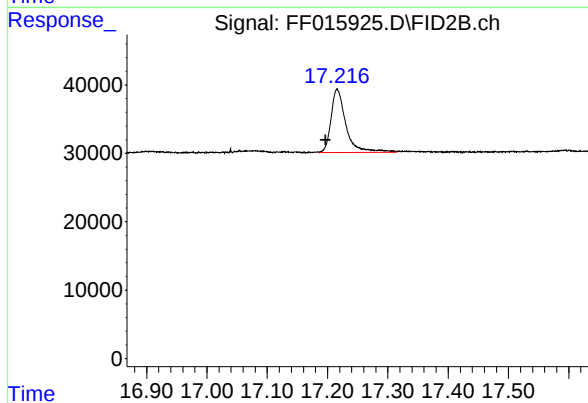
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: 0.019 min
Response: 137607
Conc: 0.99 ug/ml m



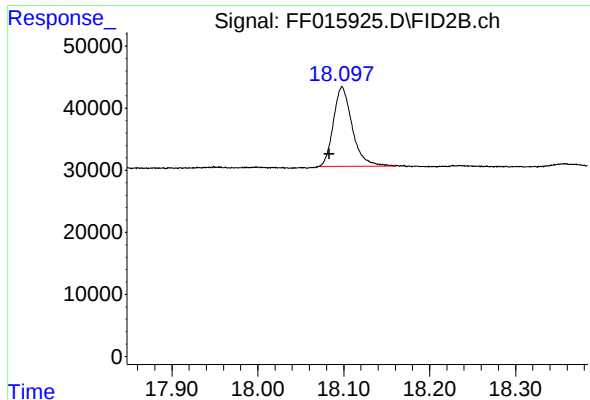
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: 0.031 min
Response: 114801
Conc: 0.83 ug/ml



#12 N-OCTACOSANE

R.T.: 17.216 min
Delta R.T.: 0.019 min
Response: 159338
Conc: 1.16 ug/ml m



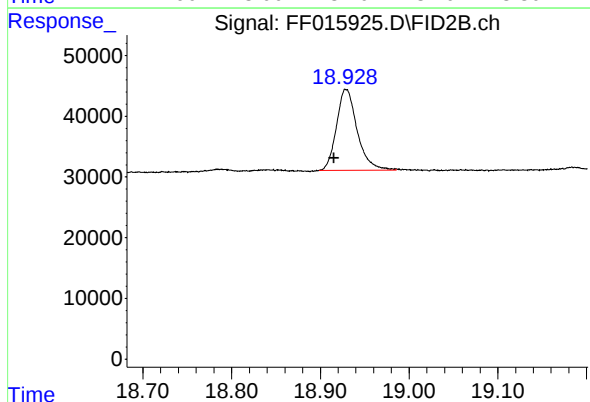
#13 N-TRIACONTANE

R.T.: 18.097 min
Delta R.T.: 0.014 min
Response: 194132
Conc: 1.39 ug/ml

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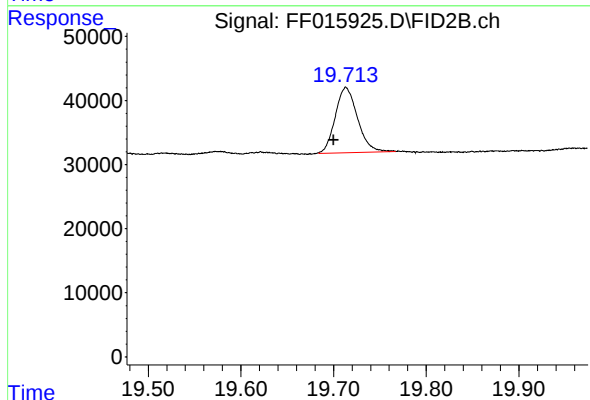
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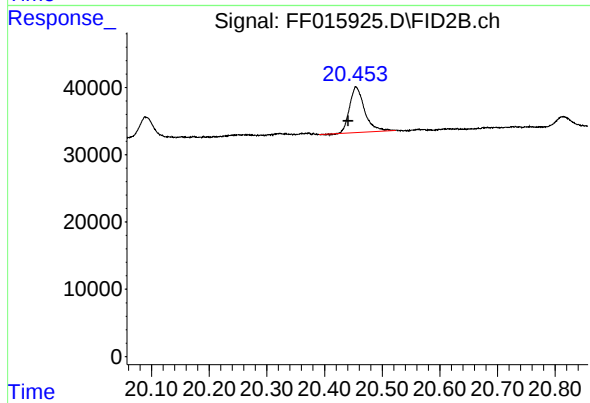
#14 N-DOTRIACONTANE

R.T.: 18.928 min
Delta R.T.: 0.012 min
Response: 216269
Conc: 1.60 ug/ml m



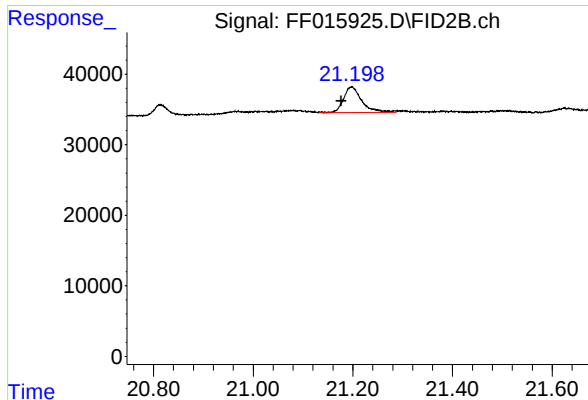
#15 N-TETRATRIACONTANE

R.T.: 19.713 min
Delta R.T.: 0.013 min
Response: 170142
Conc: 1.38 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.455 min
Delta R.T.: 0.014 min
Response: 121266
Conc: 1.12 ug/ml



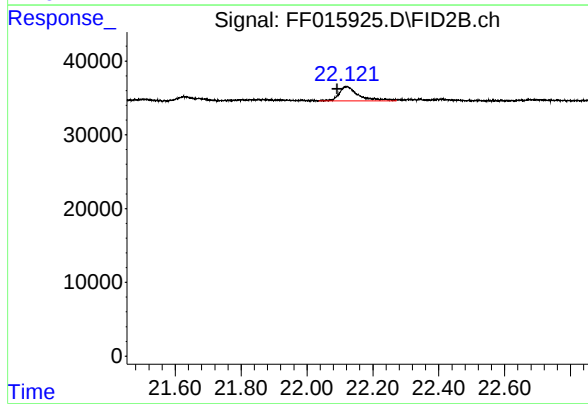
#17 N-OCTATRIACONTANE

R.T.: 21.198 min
Delta R.T.: 0.021 min
Response: 91902
Conc: 0.97 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.121 min
Delta R.T.: 0.029 min
Response: 80661
Conc: 0.95 ug/ml m