

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061125\
 Data File : FF015948.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 13:15
 Operator : YP\AJ
 Sample : Q2126-06
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-06-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 11 13:24:29 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...	15.030	1929379	15.797 ug/ml
Target Compounds			
1) N-OCTANE	2.103f	36357	0.298 ug/mlm
2) N-DECANE	4.311f	34671	0.292 ug/mlm
3) N-DODECANE	6.353f	59197	0.470 ug/mlm
4) N-TETRADECANE	9.108f	144507	1.152 ug/mlm
5) N-HEXADECANE	10.462f	151308	1.154 ug/mlm
6) N-OCTADECANE	11.778f	141432	1.029 ug/mlm
7) N-EICOSANE	13.012f	151082	1.062 ug/mlm
8) N-DOCOSANE	14.164	152899	1.101 ug/mlm
10) N-TETRACOSANE	15.256	146304	1.050 ug/ml
11) N-HEXACOSANE	16.294	135308	0.976 ug/mlm
12) N-OCTACOSANE	17.229	151150	1.099 ug/mlm
13) N-TRIACONTANE	18.110	159999	1.149 ug/ml
14) N-DOTRIACONTANE	18.940	167649	1.242 ug/ml
15) N-TETRATRIACONTANE	19.724	134212	1.088 ug/ml
16) N-HEXATRIACONTANE	20.467	125504	1.156 ug/mlm
17) N-OCTATRIACONTANE	21.211	89923	0.948 ug/mlm
18) N-TETRACONTANE	22.140	77770	0.915 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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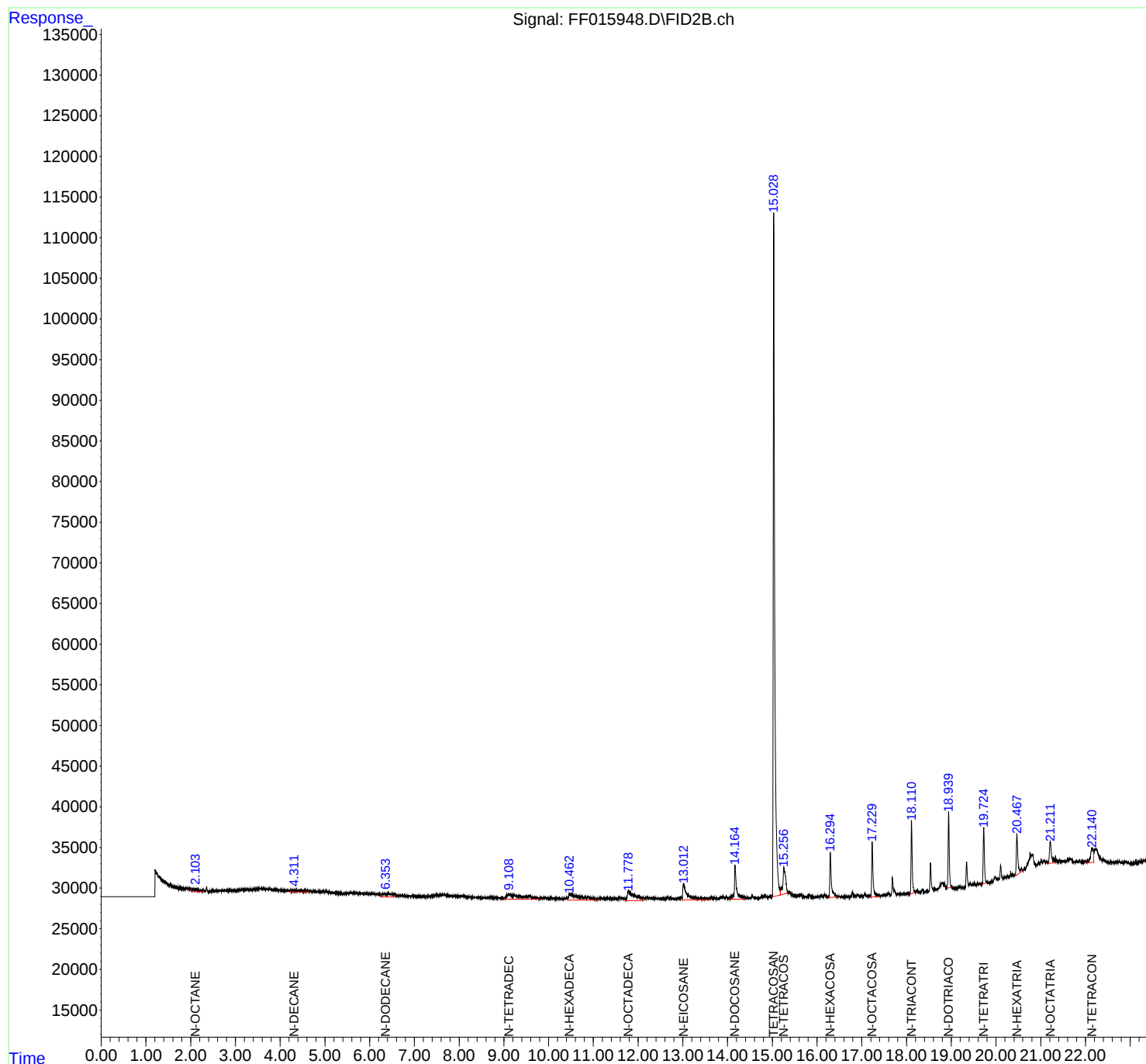
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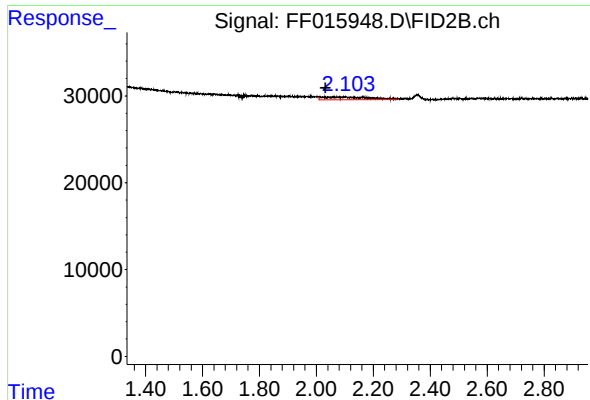
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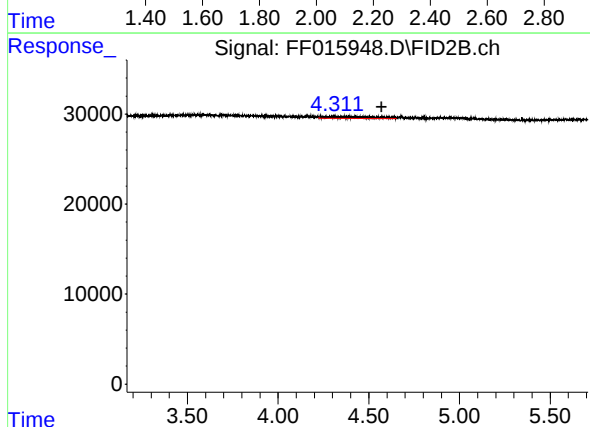
#1 N-OCTANE

R.T.: 2.103 min
Delta R.T.: 0.070 min
Response: 36357
Conc: 0.30 ug/ml

Instrument :
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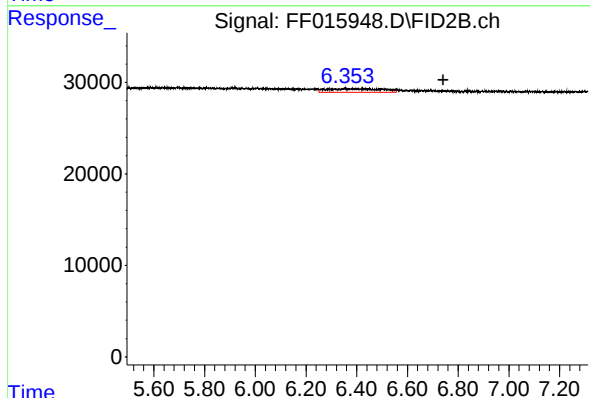
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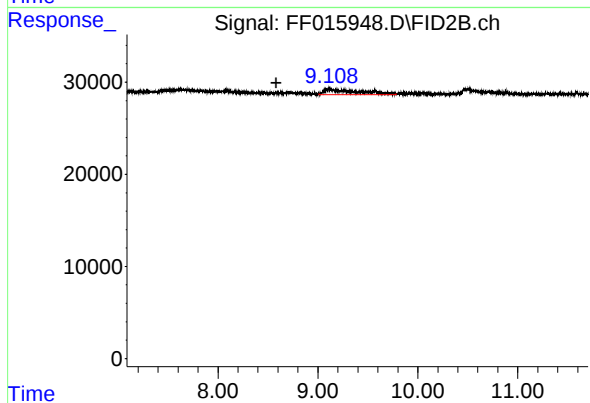
#2 N-DECANE

R.T.: 4.311 min
Delta R.T.: -0.260 min
Response: 34671
Conc: 0.29 ug/ml m



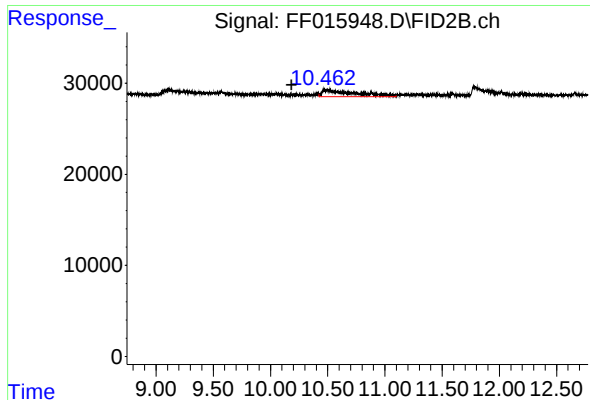
#3 N-DODECANE

R.T.: 6.353 min
Delta R.T.: -0.388 min
Response: 59197
Conc: 0.47 ug/ml m



#4 N-TETRADECANE

R.T.: 9.108 min
Delta R.T.: 0.526 min
Response: 144507
Conc: 1.15 ug/ml m



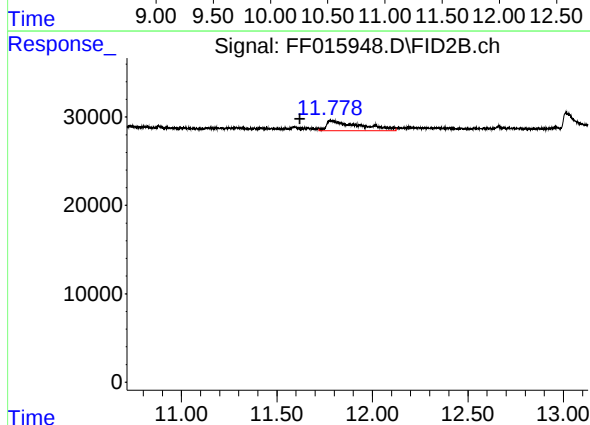
#5 N-HEXADECANE

R.T.: 10.462 min
Delta R.T.: 0.279 min
Response: 151308
Conc: 1.15 ug/ml

Instrument :
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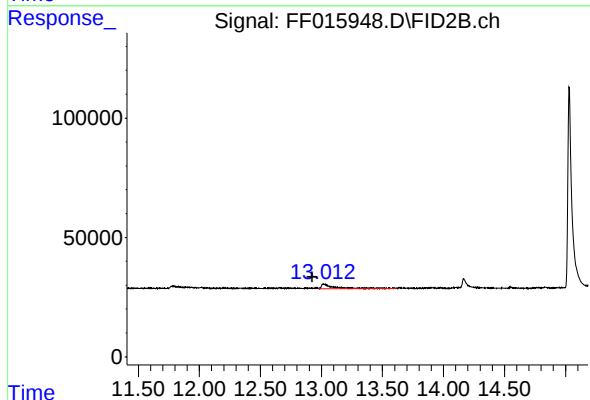
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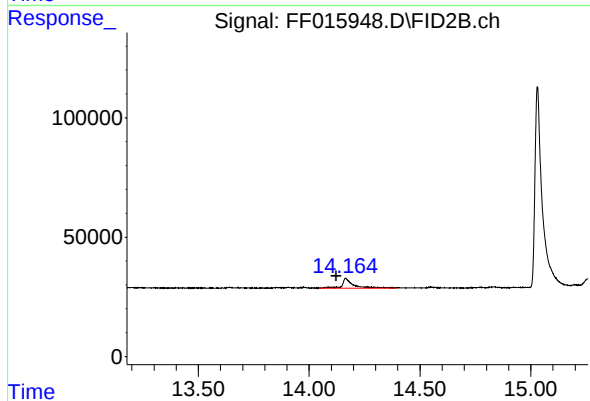
#6 N-OCTADECANE

R.T.: 11.778 min
Delta R.T.: 0.157 min
Response: 141432
Conc: 1.03 ug/ml m



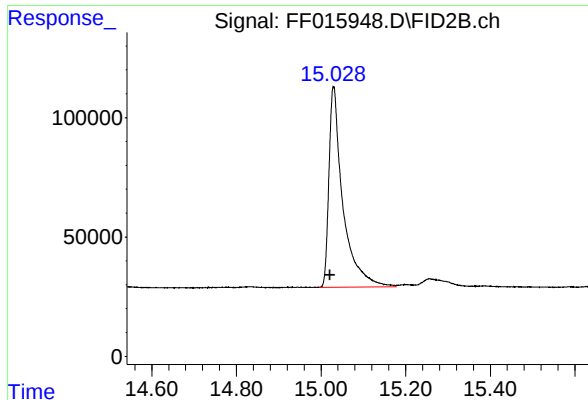
#7 N-EICOSANE

R.T.: 13.012 min
Delta R.T.: 0.085 min
Response: 151082
Conc: 1.06 ug/ml m



#8 N-DOCOSANE

R.T.: 14.164 min
Delta R.T.: 0.041 min
Response: 152899
Conc: 1.10 ug/ml m



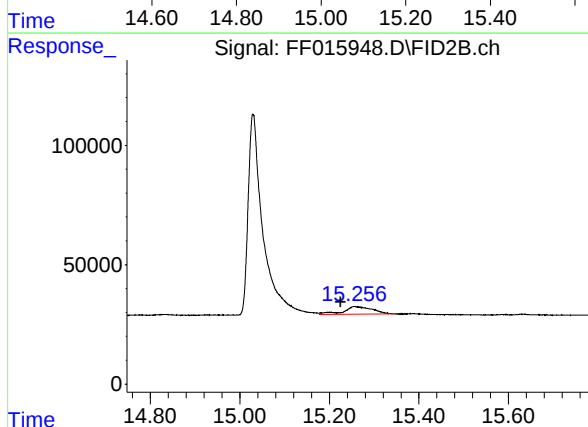
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.030 min
Delta R.T.: 0.009 min
Response: 1929379
Conc: 15.80 ug/ml

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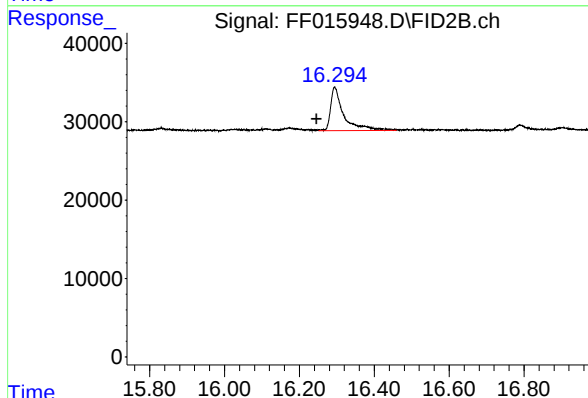
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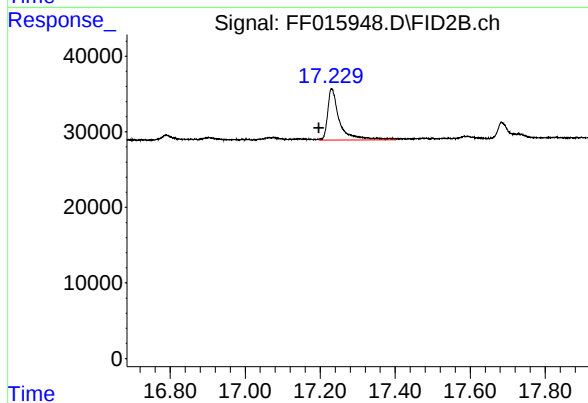
#10 N-TETRACOSANE

R.T.: 15.256 min
Delta R.T.: 0.031 min
Response: 146304
Conc: 1.05 ug/ml



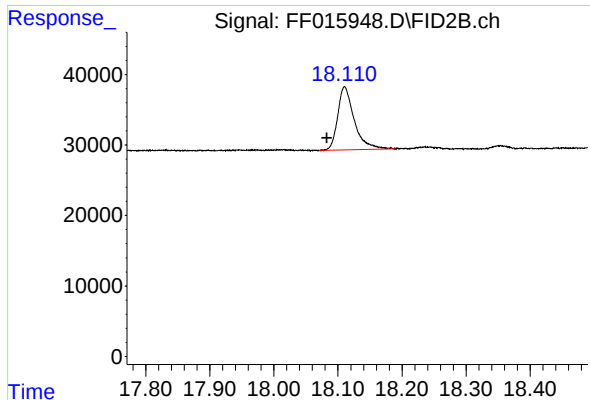
#11 N-HEXACOSANE

R.T.: 16.294 min
Delta R.T.: 0.048 min
Response: 135308
Conc: 0.98 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: 0.032 min
Response: 151150
Conc: 1.10 ug/ml m



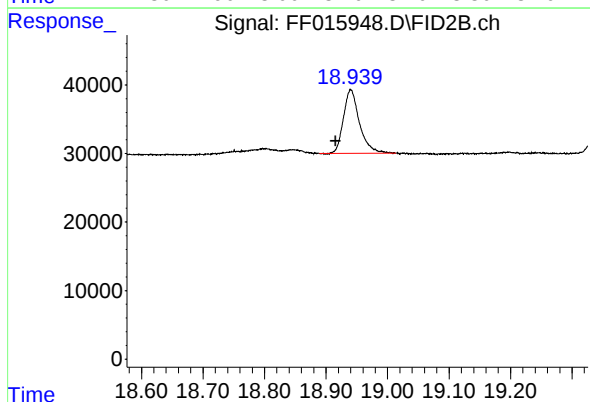
#13 N-TRIACONTANE

R.T.: 18.110 min
Delta R.T.: 0.027 min
Response: 159999
Conc: 1.15 ug/ml

Instrument :
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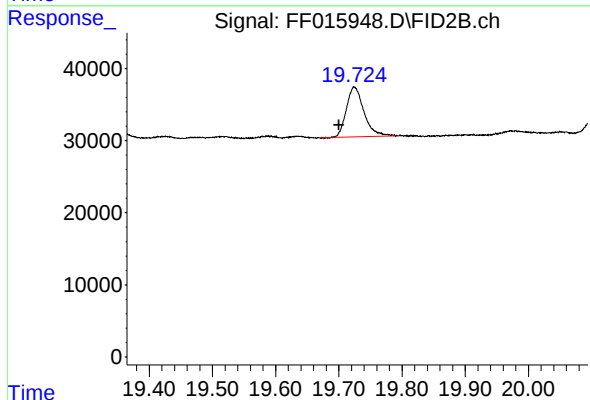
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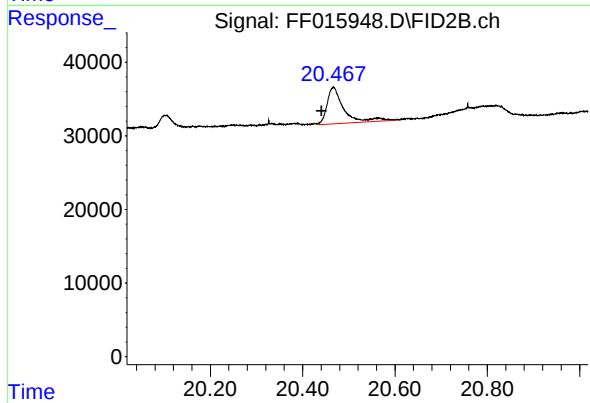
#14 N-DOTRIACONTANE

R.T.: 18.940 min
Delta R.T.: 0.025 min
Response: 167649
Conc: 1.24 ug/ml



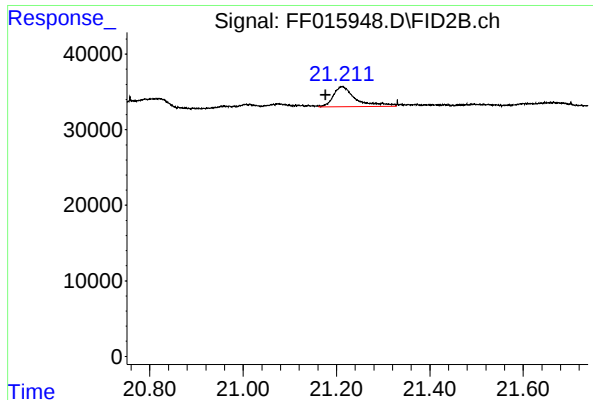
#15 N-TETRATRIACONTANE

R.T.: 19.724 min
Delta R.T.: 0.024 min
Response: 134212
Conc: 1.09 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: 0.026 min
Response: 125504
Conc: 1.16 ug/ml m



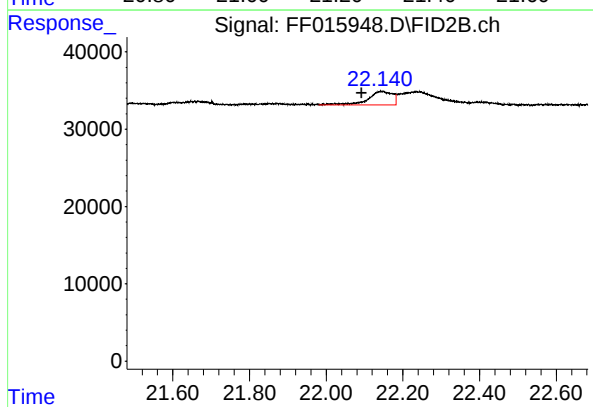
#17 N-OCTATRIACONTANE

R.T.: 21.211 min
Delta R.T.: 0.034 min
Response: 89923
Conc: 0.95 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.140 min
Delta R.T.: 0.048 min
Response: 77770
Conc: 0.92 ug/ml m