

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012525\
 Data File : FE052074.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2025 04:28
 Operator : YP\AJ
 Sample : Q1168-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-06-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 27 02:35:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 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...	15.247	1791348	17.986 ug/ml
Target Compounds			
1) N-OCTANE	2.410	75806	0.889 ug/ml
2) N-DECANE	4.903	88416	0.966 ug/ml
3) N-DODECANE	7.030	92646	0.927 ug/ml
4) N-TETRADECANE	8.835	80385	0.790 ug/ml
5) N-HEXADECANE	10.428	106076	0.995 ug/ml
6) N-OCTADECANE	11.860	108950	0.972 ug/ml
7) N-EICOSANE	13.161	114531	1.028 ug/ml
8) N-DOCOSANE	14.352	112307	1.011 ug/ml
10) N-TETRACOSANE	15.449	114310	1.033 ug/ml
11) N-HEXACOSANE	16.466	117921	1.082 ug/ml
12) N-OCTACOSANE	17.412	139842	1.296 ug/ml
13) N-TRIACONTANE	18.296	179586	1.674 ug/ml
14) N-DOTRIACONTANE	19.126	189044	1.810 ug/ml
15) N-TETRATRIACONTANE	19.909	160638	1.711 ug/ml
16) N-HEXATRIACONTANE	20.645	118244	1.464 ug/ml
17) N-OCTATRIACONTANE	21.428	89390	1.198 ug/ml
18) N-TETRACONTANE	22.427	68967	0.936 ug/ml

(f)=RT Delta > 1/2 Window

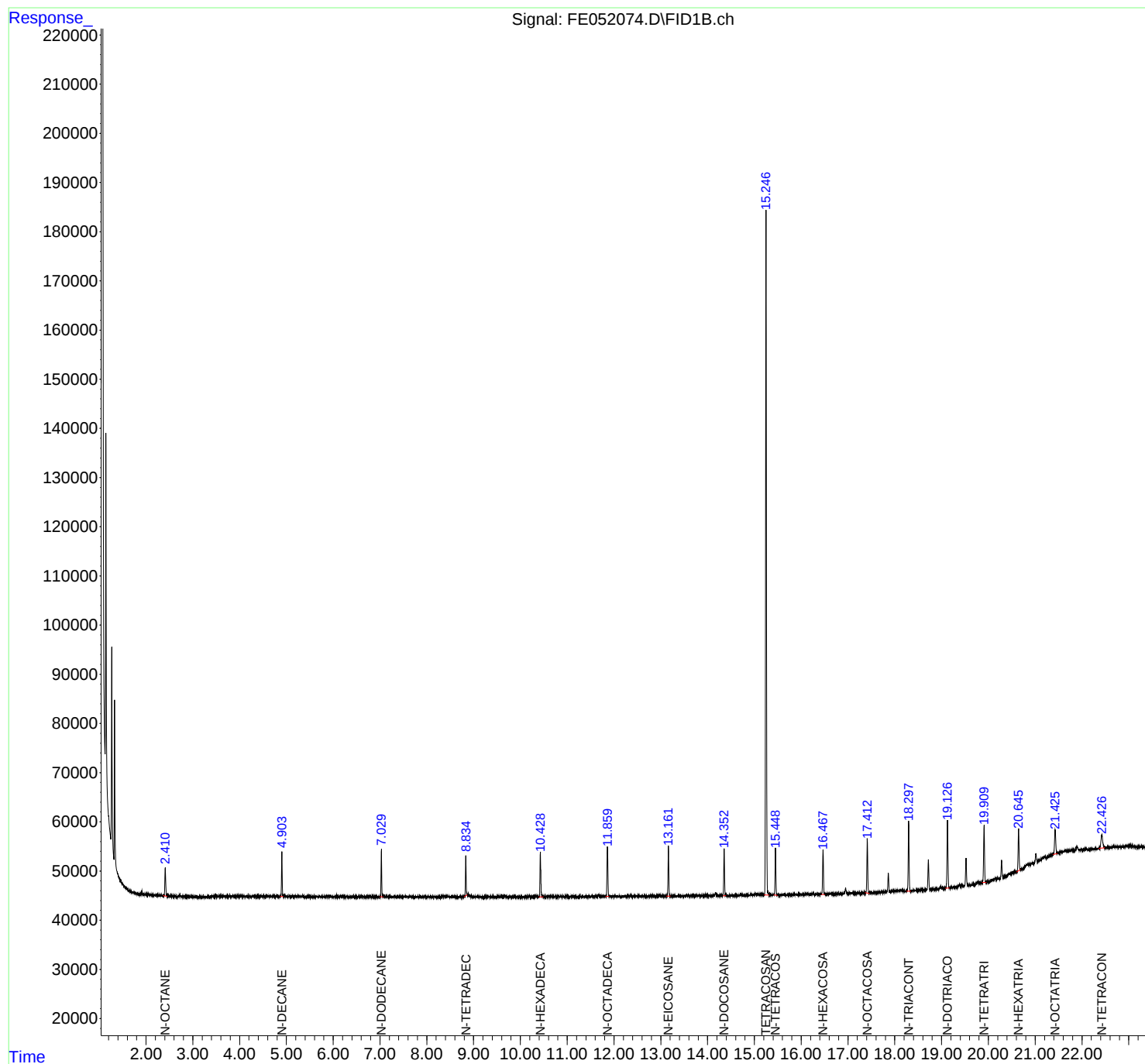
(m)=manual int.

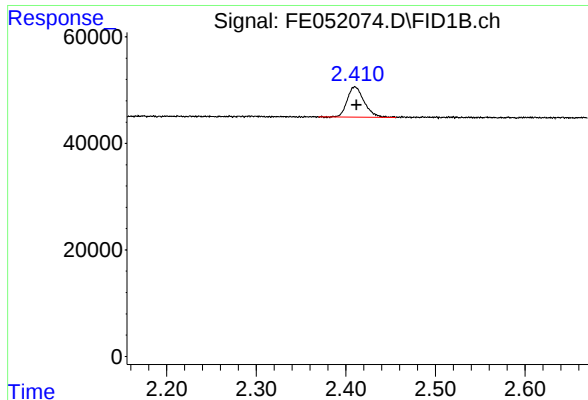
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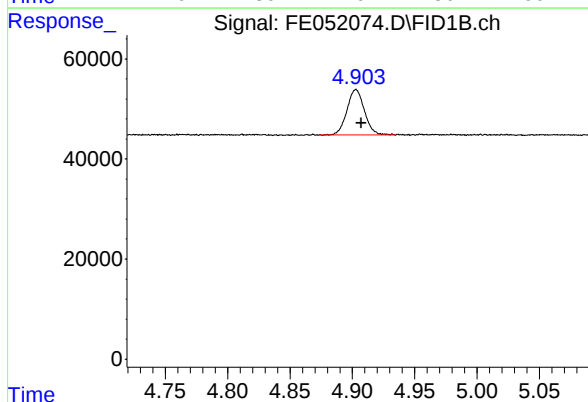




#1 N-OCTANE

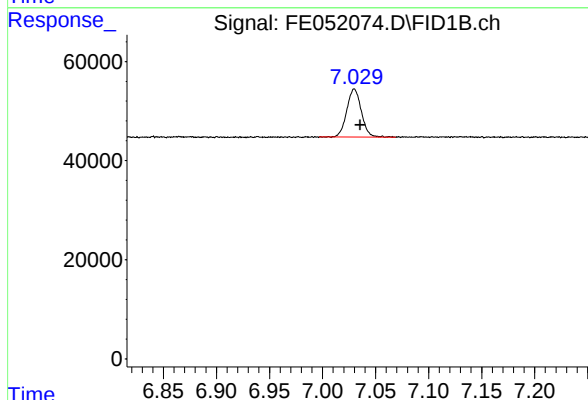
R.T.: 2.410 min
Delta R.T.: -0.002 min
Response: 75806
Conc: 0.89 ug/ml

Instrument :
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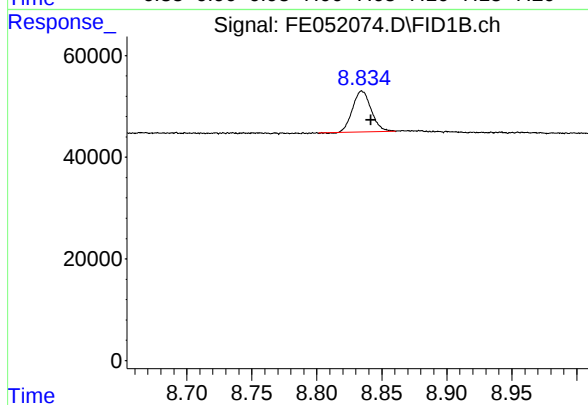
#2 N-DECANE

R.T.: 4.903 min
Delta R.T.: -0.004 min
Response: 88416
Conc: 0.97 ug/ml



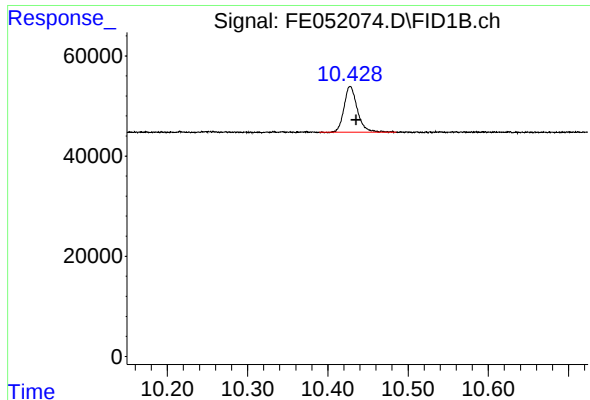
#3 N-DODECANE

R.T.: 7.030 min
Delta R.T.: -0.006 min
Response: 92646
Conc: 0.93 ug/ml



#4 N-TETRADECANE

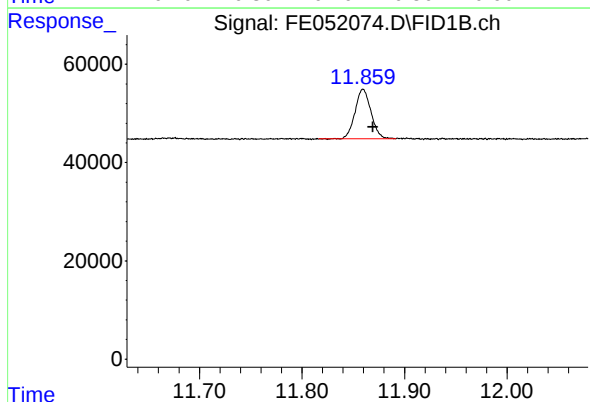
R.T.: 8.835 min
Delta R.T.: -0.007 min
Response: 80385
Conc: 0.79 ug/ml



#5 N-HEXADECANE

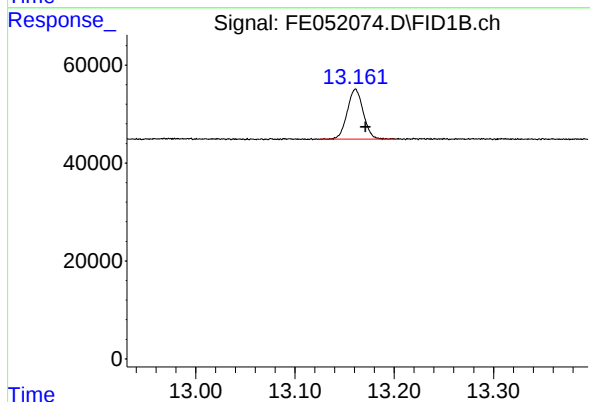
R.T.: 10.428 min
Delta R.T.: -0.008 min
Response: 106076
Conc: 1.00 ug/ml

Instrument :
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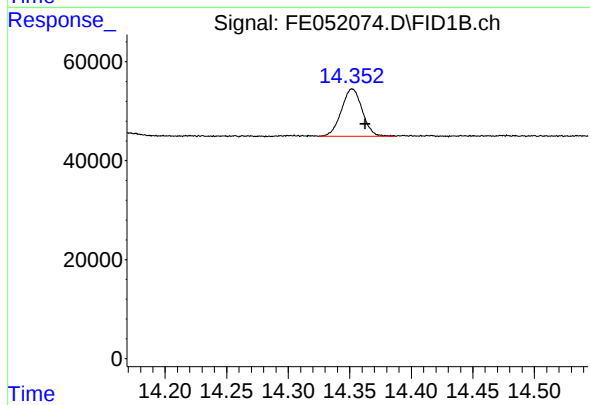
#6 N-OCTADECANE

R.T.: 11.860 min
Delta R.T.: -0.009 min
Response: 108950
Conc: 0.97 ug/ml



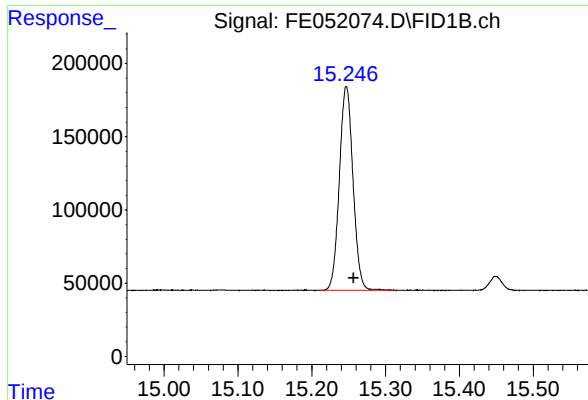
#7 N-EICOSANE

R.T.: 13.161 min
Delta R.T.: -0.010 min
Response: 114531
Conc: 1.03 ug/ml



#8 N-DOCOSANE

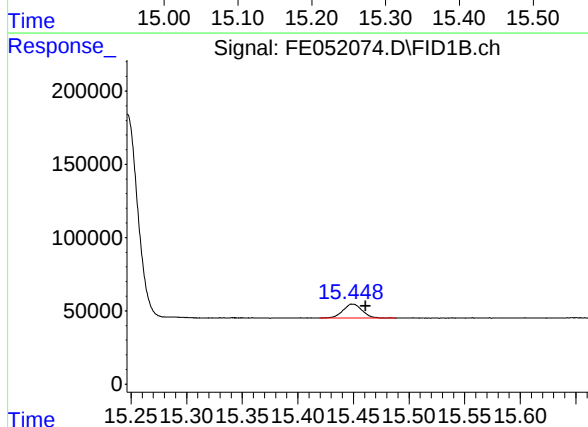
R.T.: 14.352 min
Delta R.T.: -0.010 min
Response: 112307
Conc: 1.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

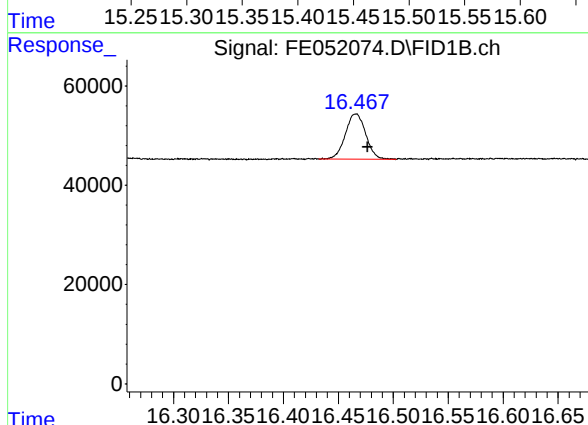
R.T.: 15.247 min
Delta R.T.: -0.010 min
Response: 1791348
Conc: 17.99 ug/ml

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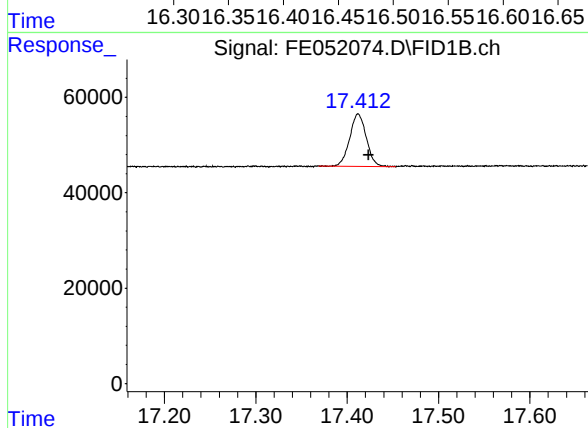
#10 N-TETRACOSANE

R.T.: 15.449 min
Delta R.T.: -0.012 min
Response: 114310
Conc: 1.03 ug/ml



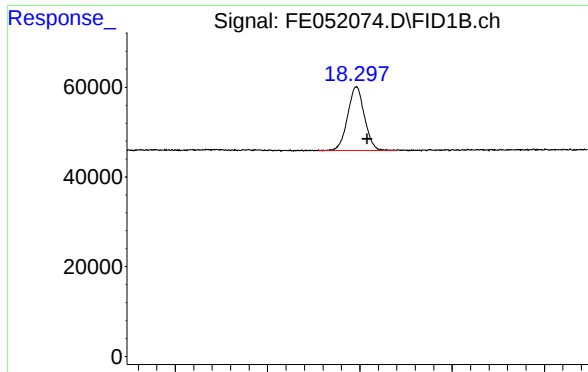
#11 N-HEXACOSANE

R.T.: 16.466 min
Delta R.T.: -0.011 min
Response: 117921
Conc: 1.08 ug/ml



#12 N-OCTACOSANE

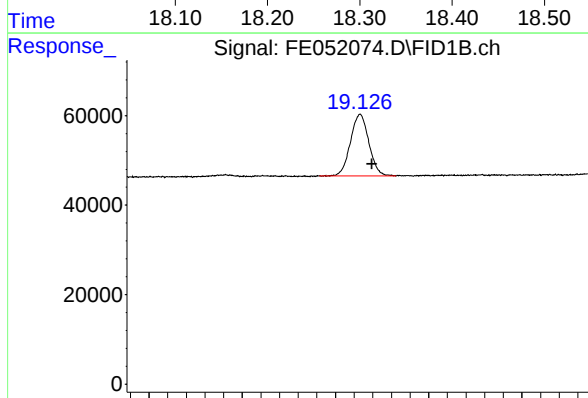
R.T.: 17.412 min
Delta R.T.: -0.012 min
Response: 139842
Conc: 1.30 ug/ml



#13 N-TRIACONTANE

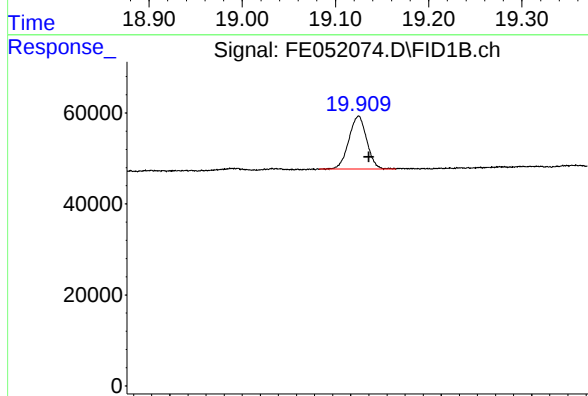
R.T.: 18.296 min
Delta R.T.: -0.012 min
Response: 179586
Conc: 1.67 ug/ml

Instrument :
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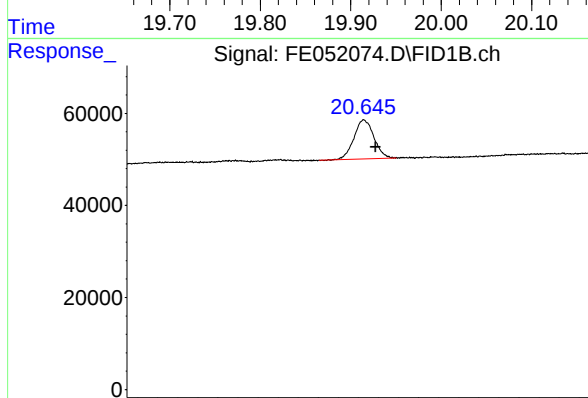
#14 N-DOTRIACONTANE

R.T.: 19.126 min
Delta R.T.: -0.012 min
Response: 189044
Conc: 1.81 ug/ml



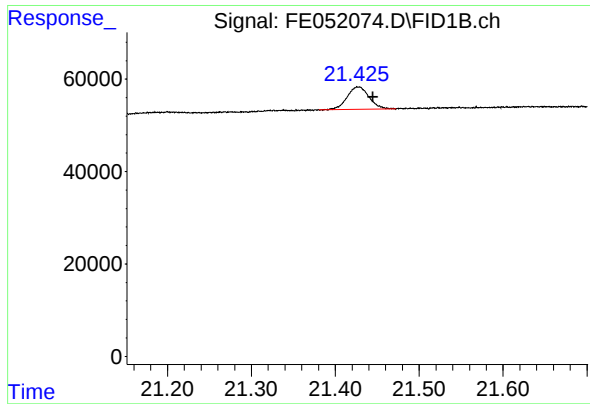
#15 N-TETRATRIACONTANE

R.T.: 19.909 min
Delta R.T.: -0.011 min
Response: 160638
Conc: 1.71 ug/ml



#16 N-HEXATRIACONTANE

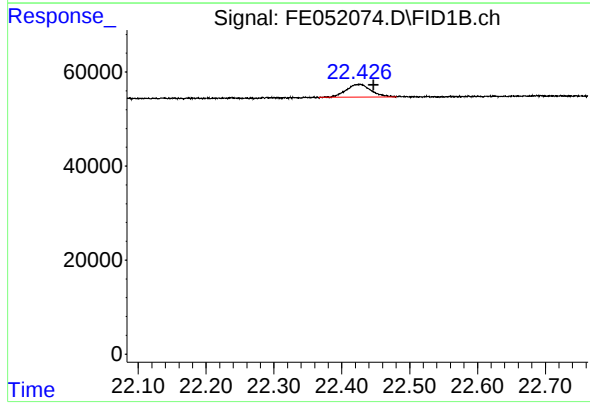
R.T.: 20.645 min
Delta R.T.: -0.012 min
Response: 118244
Conc: 1.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.428 min
Delta R.T.: -0.017 min
Response: 89390
Conc: 1.20 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.427 min
Delta R.T.: -0.020 min
Response: 68967
Conc: 0.94 ug/ml