

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048060.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2024 23:56
 Operator : YP\AJ
 Sample : P2403-04
 Misc : 1PPM SOIL LOD
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2024

Integration File: autoint1.e
 Quant Time: May 10 11:46:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 11:42:50 2024
 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...	15.051	3138339	27.223 ug/ml
Target Compounds			
1) N-OCTANE	2.079	203951	1.445 ug/ml
2) N-DECANE	4.598	230038	1.656 ug/ml
3) N-DODECANE	6.764	223956	1.631 ug/ml
4) N-TETRADECANE	8.592	226558	1.666 ug/ml
5) N-HEXADECANE	10.199	214857	1.601 ug/ml
6) N-OCTADECANE	11.642	212682	1.575 ug/ml
7) N-EICOSANE	12.952	237277	1.737 ug/ml
8) N-DOCOSANE	14.151	238208	1.809 ug/ml
10) N-TETRACOSANE	15.252	260391	1.989 ug/ml
11) N-HEXACOSANE	16.273	246545	1.895 ug/ml
12) N-OCTACOSANE	17.221	266725	2.064 ug/ml
13) N-TRIACONTANE	18.109	318966	2.399 ug/ml
14) N-DOTRIACONTANE	18.942	465345	3.236 ug/ml
15) N-TETRATRIACONTANE	19.724	373943	2.758 ug/ml
16) N-HEXATRIACONTANE	20.464	398745	3.048 ug/ml
17) N-OCTATRIACONTANE	21.204	373829	2.955 ug/ml
18) N-TETRACONTANE	22.127	471269	3.736 ug/ml

(f)=RT Delta > 1/2 Window

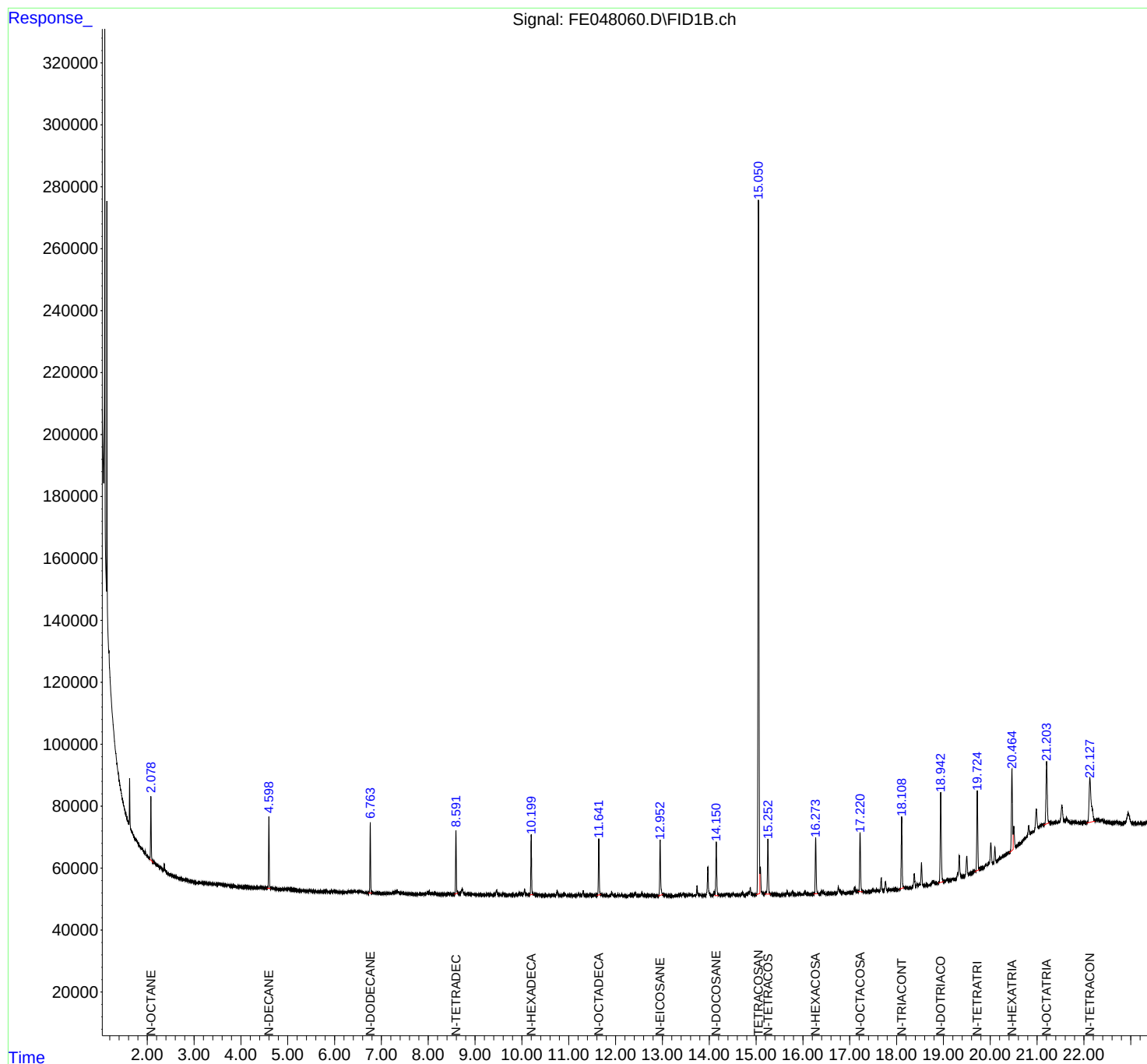
(m)=manual int.

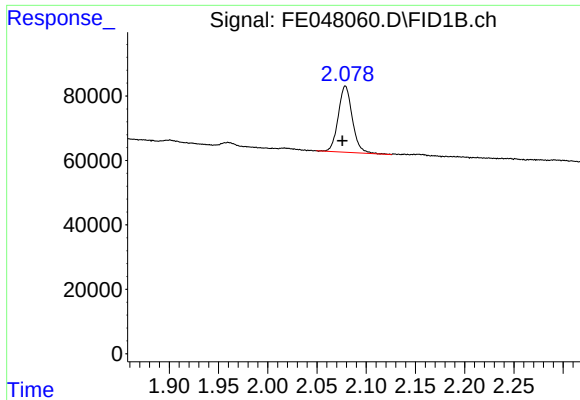
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Signal Info : 20mx0.18mmx0.18um

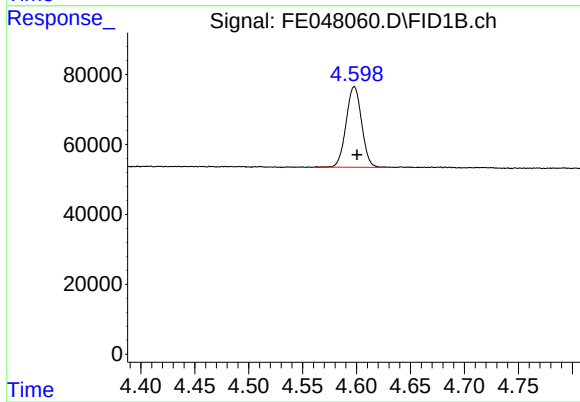




#1 N-OCTANE

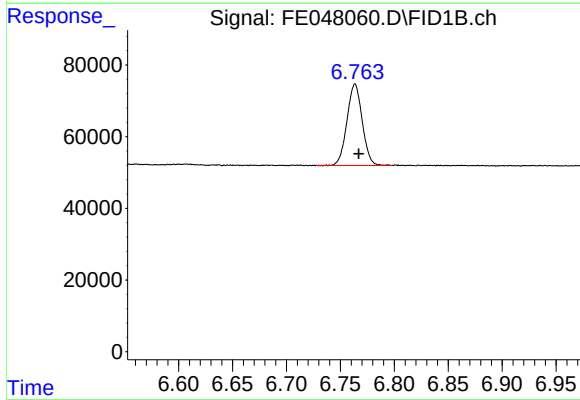
R.T.: 2.079 min
Delta R.T.: 0.003 min
Response: 203951
Conc: 1.44 ug/ml

Instrument :
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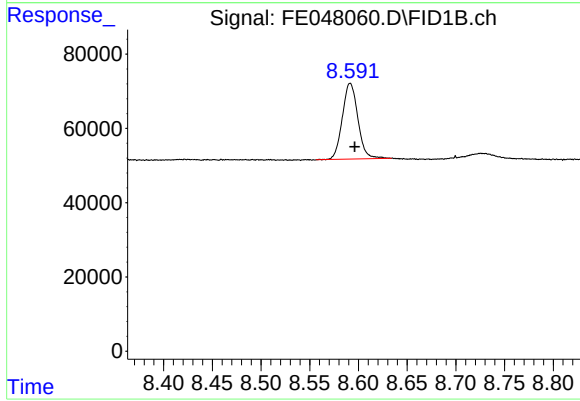
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 230038
Conc: 1.66 ug/ml



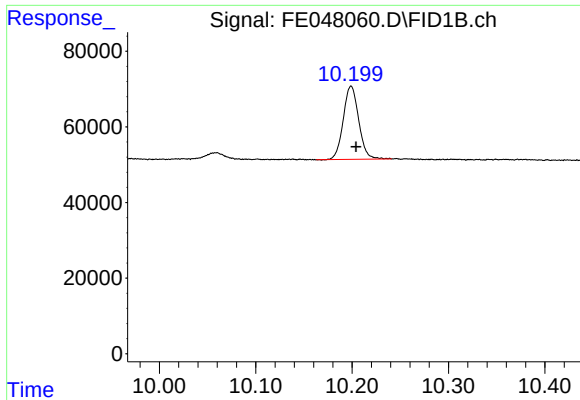
#3 N-DODECANE

R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 223956
Conc: 1.63 ug/ml



#4 N-TETRADECANE

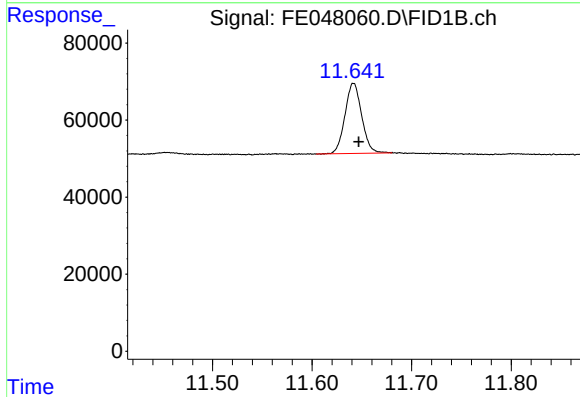
R.T.: 8.592 min
Delta R.T.: -0.005 min
Response: 226558
Conc: 1.67 ug/ml



#5 N-HEXADECANE

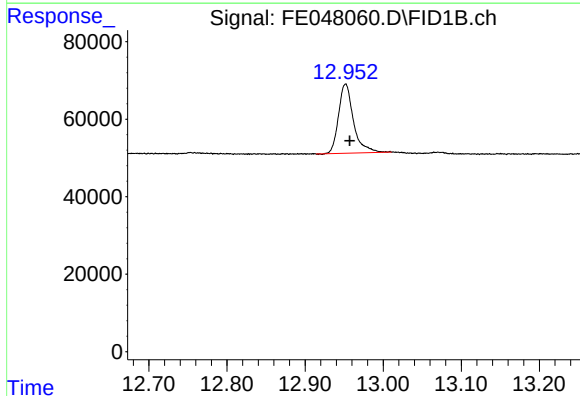
R.T.: 10.199 min
Delta R.T.: -0.005 min
Response: 214857
Conc: 1.60 ug/ml

Instrument :
FID_E
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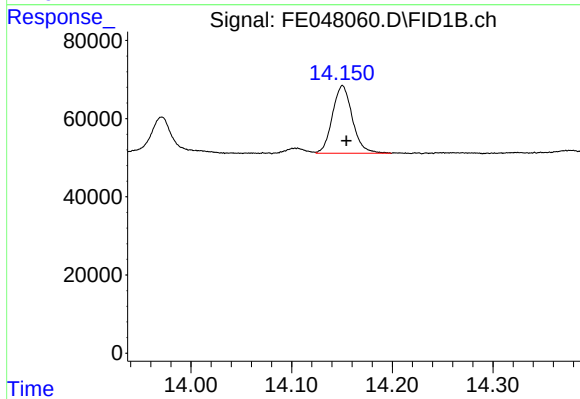
#6 N-OCTADECANE

R.T.: 11.642 min
Delta R.T.: -0.005 min
Response: 212682
Conc: 1.58 ug/ml



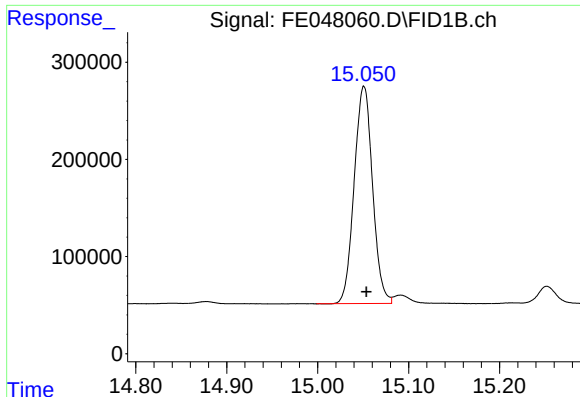
#7 N-EICOSANE

R.T.: 12.952 min
Delta R.T.: -0.005 min
Response: 237277
Conc: 1.74 ug/ml



#8 N-DOCOSANE

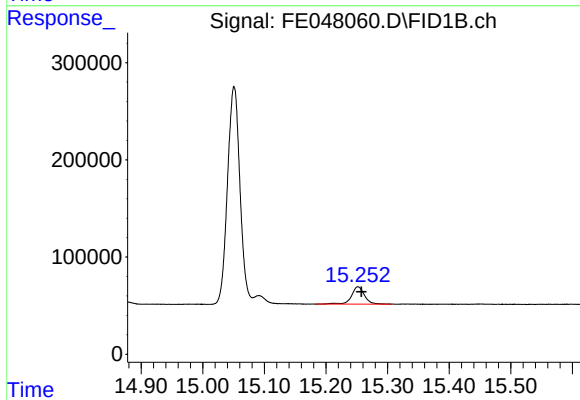
R.T.: 14.151 min
Delta R.T.: -0.004 min
Response: 238208
Conc: 1.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

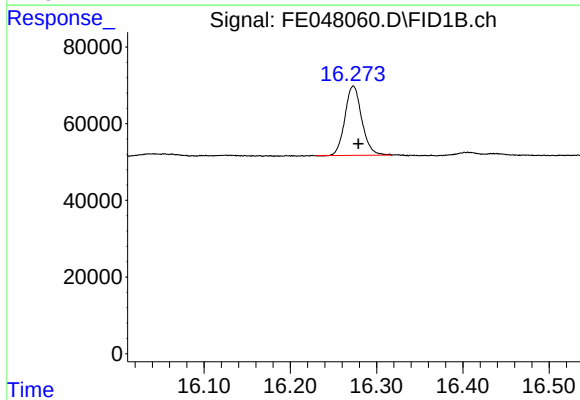
R.T.: 15.051 min
Delta R.T.: -0.003 min
Response: 3138339
Conc: 27.22 ug/ml

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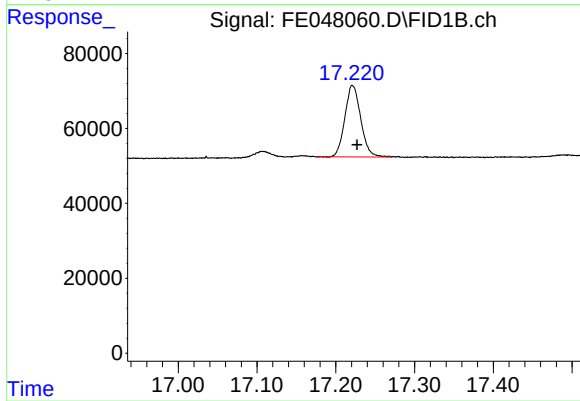
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.006 min
Response: 260391
Conc: 1.99 ug/ml



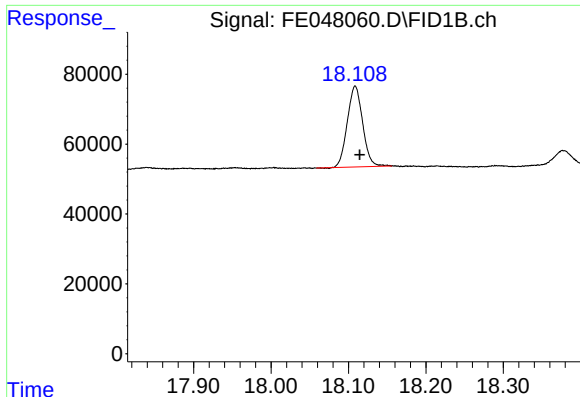
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.006 min
Response: 246545
Conc: 1.89 ug/ml



#12 N-OCTACOSANE

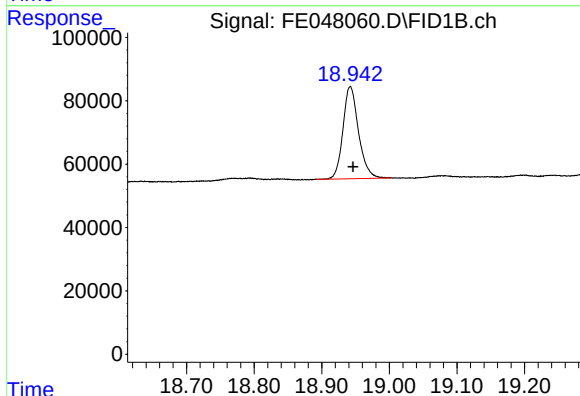
R.T.: 17.221 min
Delta R.T.: -0.006 min
Response: 266725
Conc: 2.06 ug/ml



#13 N-TRIACONTANE

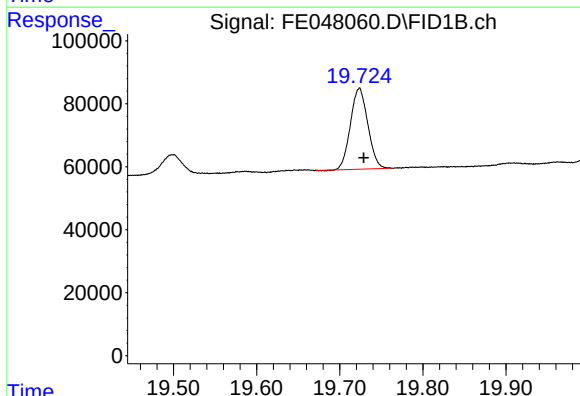
R.T.: 18.109 min
Delta R.T.: -0.006 min
Response: 318966
Conc: 2.40 ug/ml

Instrument :
FID_E
ClientSampleId :
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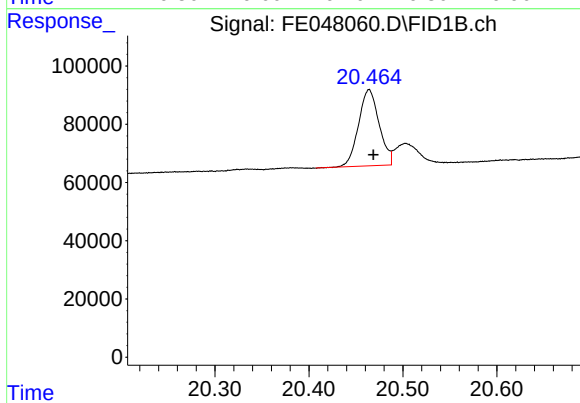
#14 N-DOTRIACONTANE

R.T.: 18.942 min
Delta R.T.: -0.004 min
Response: 465345
Conc: 3.24 ug/ml



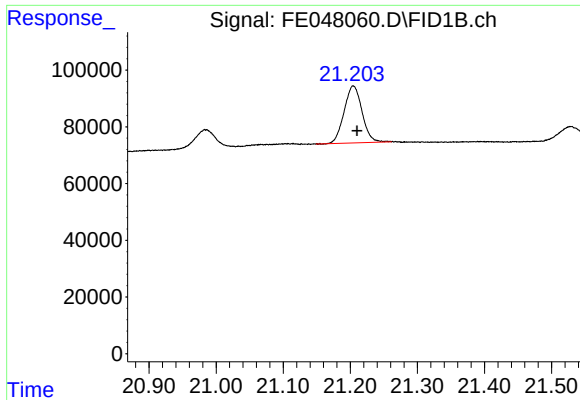
#15 N-TETRATRIACONTANE

R.T.: 19.724 min
Delta R.T.: -0.005 min
Response: 373943
Conc: 2.76 ug/ml



#16 N-HEXATRIACONTANE

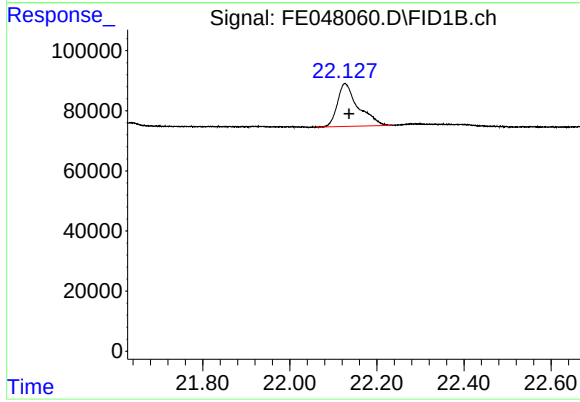
R.T.: 20.464 min
Delta R.T.: -0.005 min
Response: 398745
Conc: 3.05 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.204 min
Delta R.T.: -0.006 min
Response: 373829
Conc: 2.96 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.127 min
Delta R.T.: -0.009 min
Response: 471269
Conc: 3.74 ug/ml