

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050824\
 Data File : FF014144.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 01:27
 Operator : YP\AJ
 Sample : P2403-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-QT2-2024

Integration File: autoint1.e
 Quant Time: May 09 04:38:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:04:30 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...	14.940	2045960	18.750 ug/ml
Target Compounds			
1) N-OCTANE	1.980	490205	4.374 ug/ml
2) N-DECANE	4.493	436884	4.081 ug/ml
3) N-DODECANE	6.658	368396	3.429 ug/ml
4) N-TETRADECANE	8.485	401940	3.614 ug/ml
5) N-HEXADECANE	10.093	480910	4.166 ug/ml
6) N-OCTADECANE	11.534	530950	4.448 ug/ml
7) N-EICOSANE	12.843	575899	4.541 ug/ml
8) N-DOCOSANE	14.041	580747	4.717 ug/ml
10) N-TETRACOSANE	15.145	596426	4.863 ug/ml
11) N-HEXACOSANE	16.167	574955	4.738 ug/ml
12) N-OCTACOSANE	17.119	568143	4.749 ug/ml
13) N-TRIACONTANE	18.006	585588	4.821 ug/ml
14) N-DOTRIACONTANE	18.838	615722	5.058 ug/ml
15) N-TETRATRIACONTANE	19.622	656938	5.946 ug/ml
16) N-HEXATRIACONTANE	20.361	706419	7.077 ug/ml
17) N-OCTATRIACONTANE	21.089	702948	7.822 ug/ml
18) N-TETRACONTANE	21.982	539739	6.543 ug/ml

(f)=RT Delta > 1/2 Window

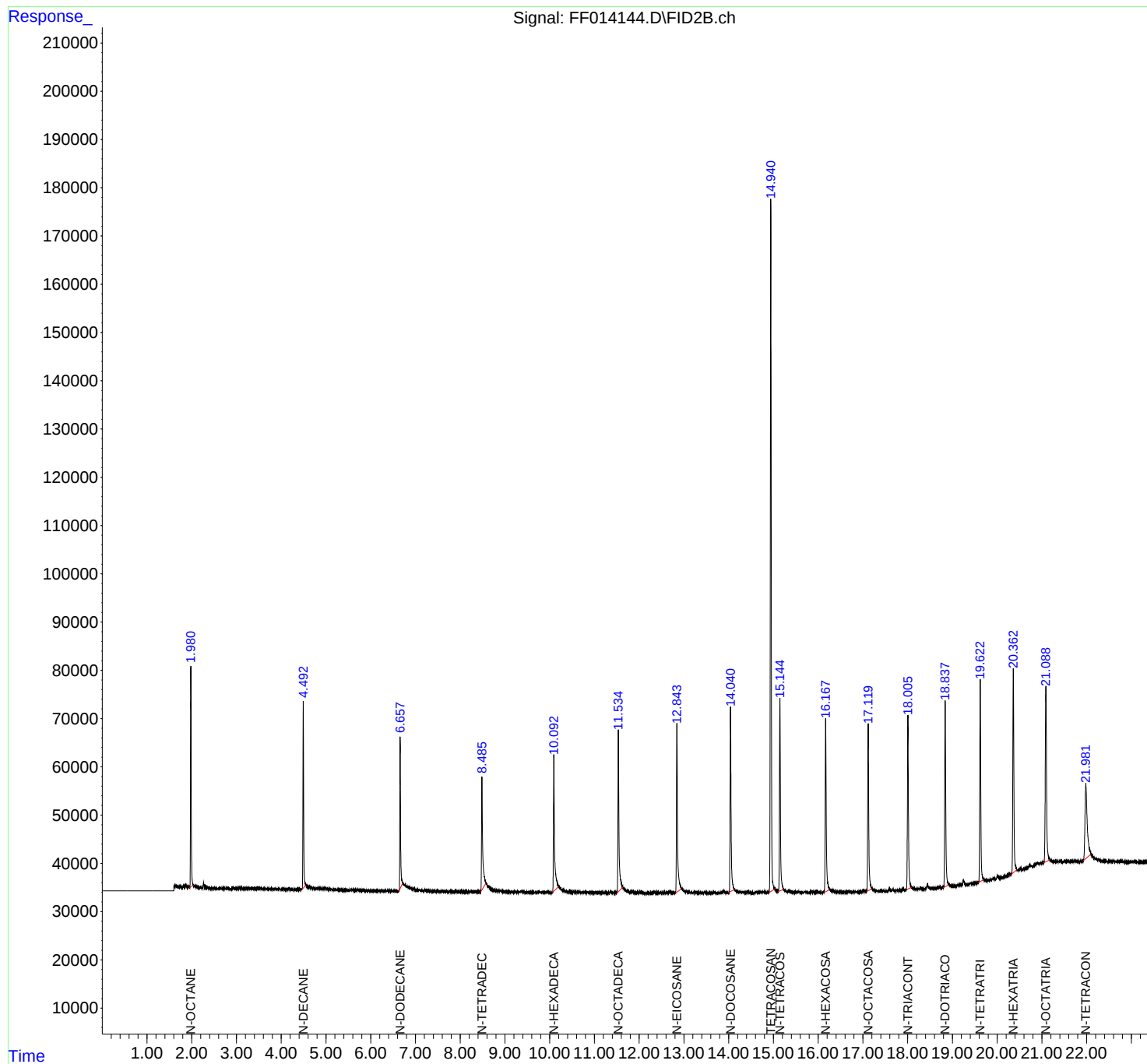
(m)=manual int.

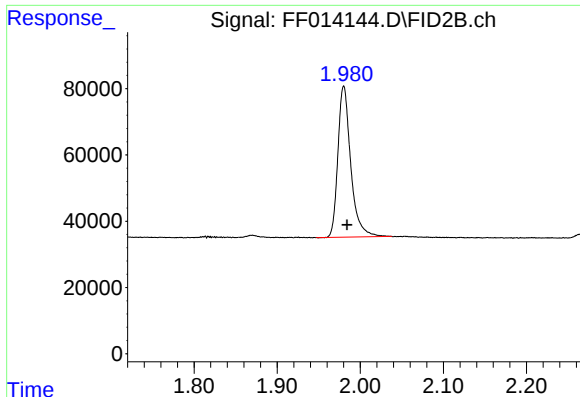
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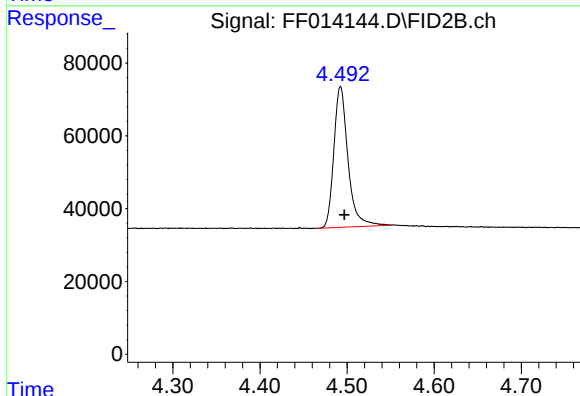




#1 N-OCTANE

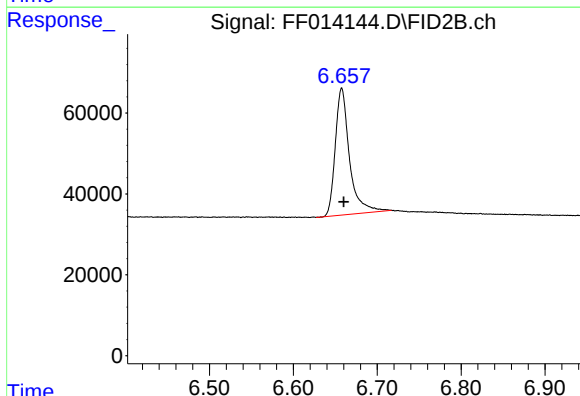
R.T.: 1.980 min
Delta R.T.: -0.004 min
Response: 490205
Conc: 4.37 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-05-QT2-2024



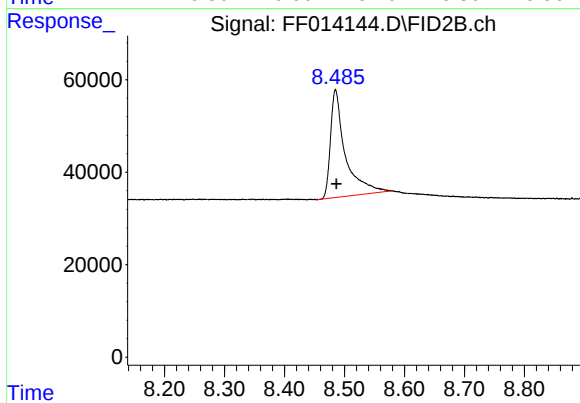
#2 N-DECANE

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 436884
Conc: 4.08 ug/ml



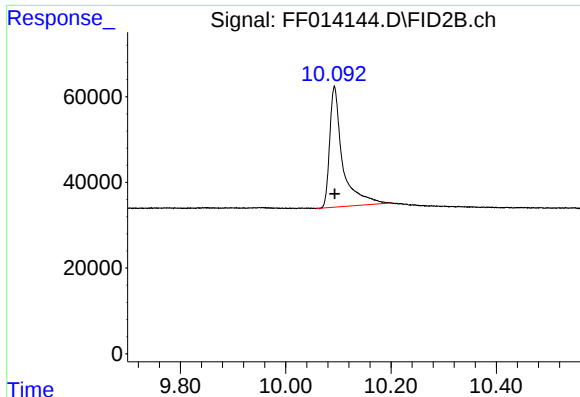
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 368396
Conc: 3.43 ug/ml



#4 N-TETRADECANE

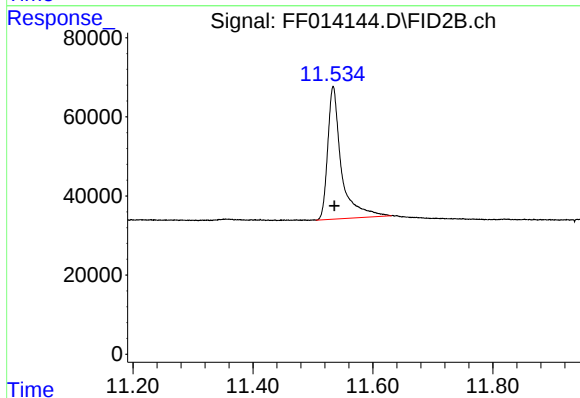
R.T.: 8.485 min
Delta R.T.: -0.001 min
Response: 401940
Conc: 3.61 ug/ml



#5 N-HEXADECANE

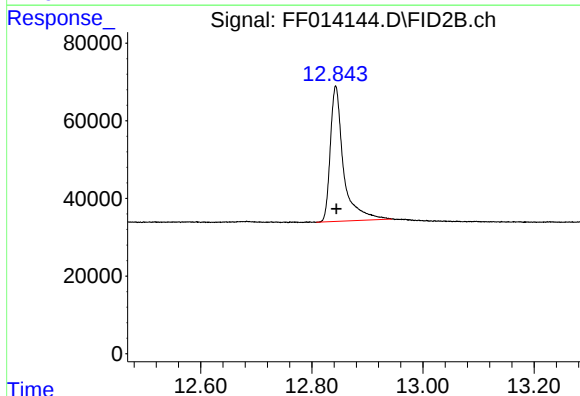
R.T.: 10.093 min
Delta R.T.: 0.000 min
Response: 480910
Conc: 4.17 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-05-QT2-2024



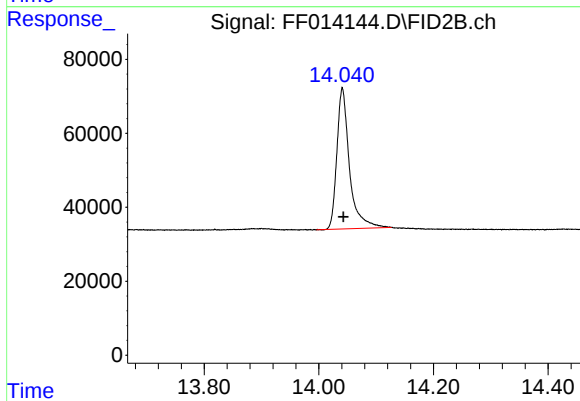
#6 N-OCTADECANE

R.T.: 11.534 min
Delta R.T.: -0.002 min
Response: 530950
Conc: 4.45 ug/ml



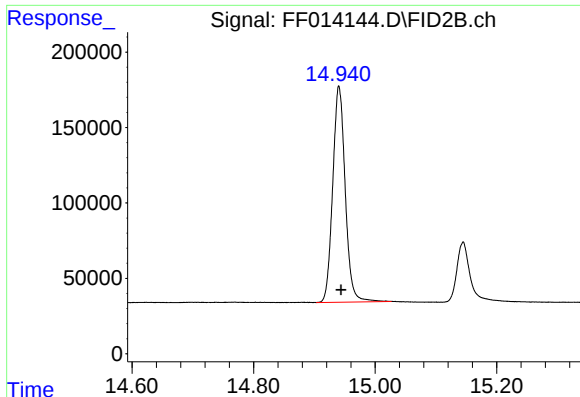
#7 N-EICOSANE

R.T.: 12.843 min
Delta R.T.: -0.001 min
Response: 575899
Conc: 4.54 ug/ml



#8 N-DOCOSANE

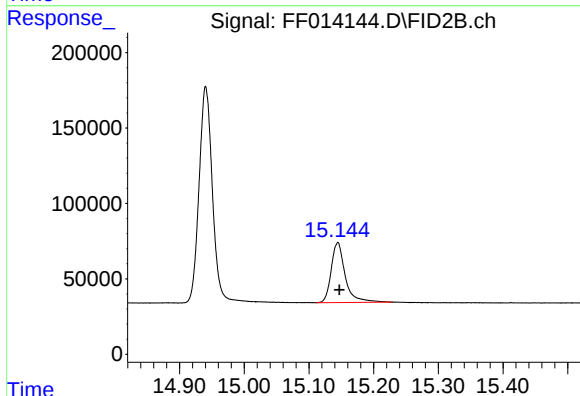
R.T.: 14.041 min
Delta R.T.: -0.002 min
Response: 580747
Conc: 4.72 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

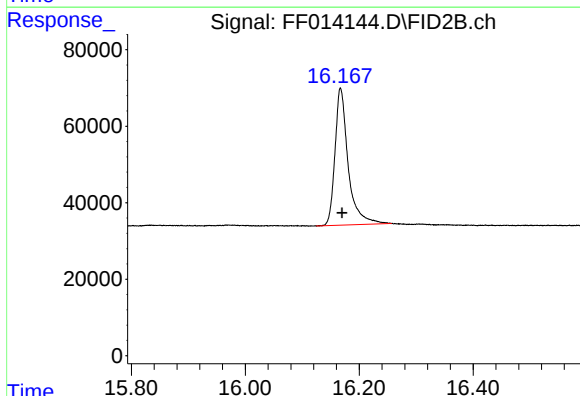
R.T.: 14.940 min
Delta R.T.: -0.004 min
Response: 2045960
Conc: 18.75 ug/ml

Instrument :
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ClientSampleId :
LOQ-WATER-05-QT2-2024



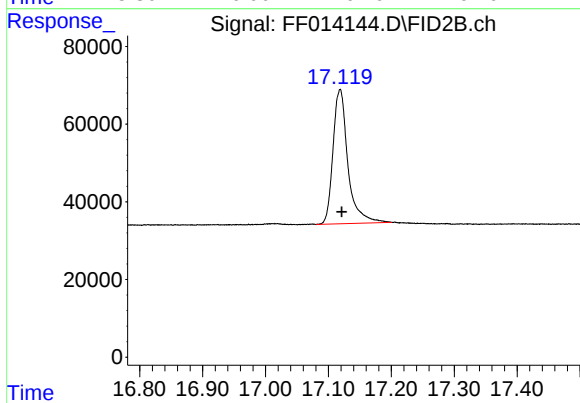
#10 N-TETRACOSANE

R.T.: 15.145 min
Delta R.T.: -0.003 min
Response: 596426
Conc: 4.86 ug/ml



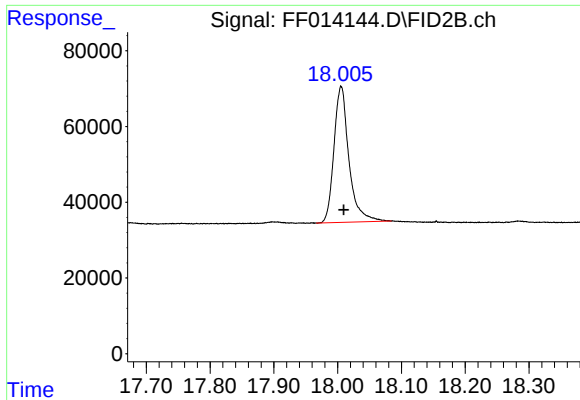
#11 N-HEXACOSANE

R.T.: 16.167 min
Delta R.T.: -0.003 min
Response: 574955
Conc: 4.74 ug/ml



#12 N-OCTACOSANE

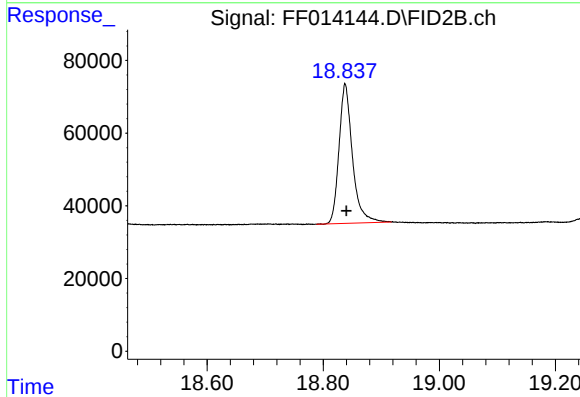
R.T.: 17.119 min
Delta R.T.: -0.003 min
Response: 568143
Conc: 4.75 ug/ml



#13 N-TRIACONTANE

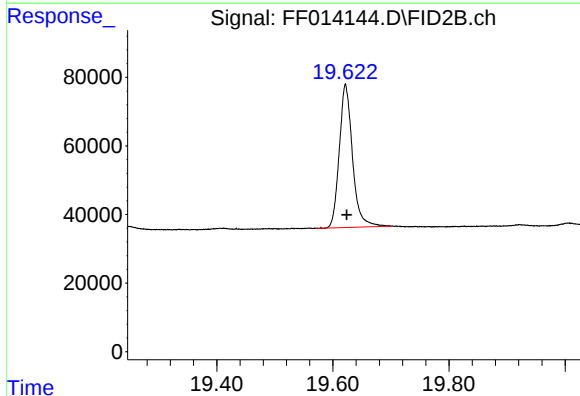
R.T.: 18.006 min
Delta R.T.: -0.004 min
Response: 585588
Conc: 4.82 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-05-QT2-2024



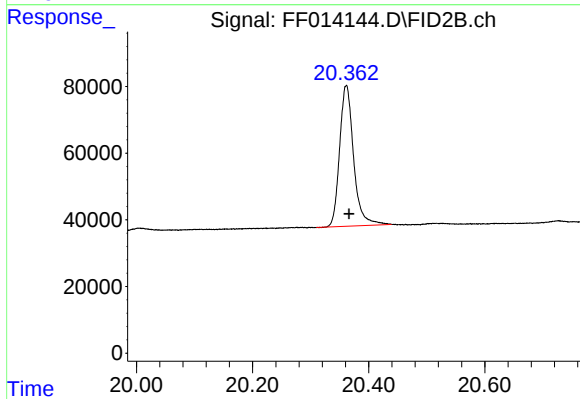
#14 N-DOTRIACONTANE

R.T.: 18.838 min
Delta R.T.: -0.002 min
Response: 615722
Conc: 5.06 ug/ml



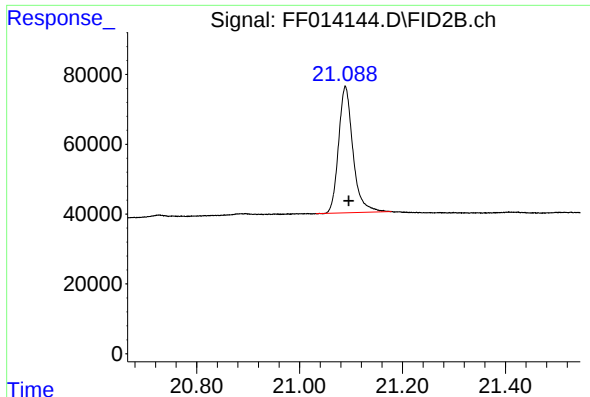
#15 N-TETRATRIACONTANE

R.T.: 19.622 min
Delta R.T.: -0.002 min
Response: 656938
Conc: 5.95 ug/ml



#16 N-HEXATRIACONTANE

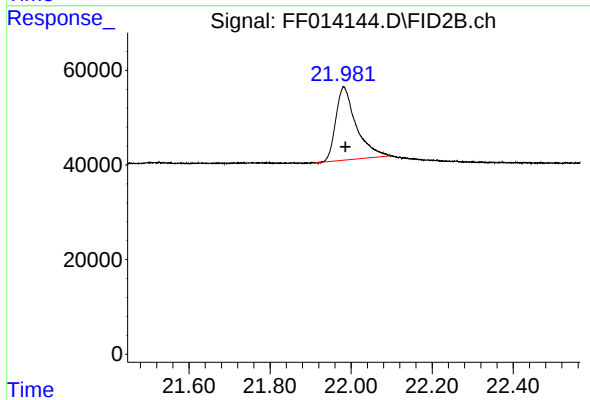
R.T.: 20.361 min
Delta R.T.: -0.005 min
Response: 706419
Conc: 7.08 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.089 min
Delta R.T.: -0.006 min
Response: 702948
Conc: 7.82 ug/ml

Instrument :
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ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.982 min
Delta R.T.: -0.005 min
Response: 539739
Conc: 6.54 ug/ml