

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048064.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 01:58
 Operator : YP\AJ
 Sample : P2403-10
 Misc : 2.5PPM WATER LOD
 ALS Vial : 25 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 10 05:25:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 01:45:53 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...	15.048	2410378	20.908 ug/ml
Target Compounds			
1) N-OCTANE	2.078	348561	2.469 ug/ml
2) N-DECANE	4.598	388143	2.795 ug/ml
3) N-DODECANE	6.763	382010	2.782 ug/ml
4) N-TETRADECANE	8.590	378907	2.786 ug/ml
5) N-HEXADECANE	10.198	362281	2.700 ug/ml
6) N-OCTADECANE	11.641	358708	2.657 ug/ml
7) N-EICOSANE	12.951	376336	2.755 ug/ml
8) N-DOCOSANE	14.149	381526	2.898 ug/ml
10) N-TETRACOSANE	15.251	381392	2.913 ug/ml
11) N-HEXACOSANE	16.271	377963	2.905 ug/ml
12) N-OCTACOSANE	17.221	398070	3.081 ug/ml
13) N-TRIACONTANE	18.108	453312	3.410 ug/ml
14) N-DOTRIACONTANE	18.938	586965	4.092 ug/ml
15) N-TETRATRIACONTANE	19.722	557097	4.125 ug/ml
16) N-HEXATRIACONTANE	20.463	585162	4.419 ug/ml
17) N-OCTATRIACONTANE	21.202	578985	4.659 ug/ml
18) N-TETRACONTANE	22.125	618291	4.902 ug/ml

(f)=RT Delta > 1/2 Window

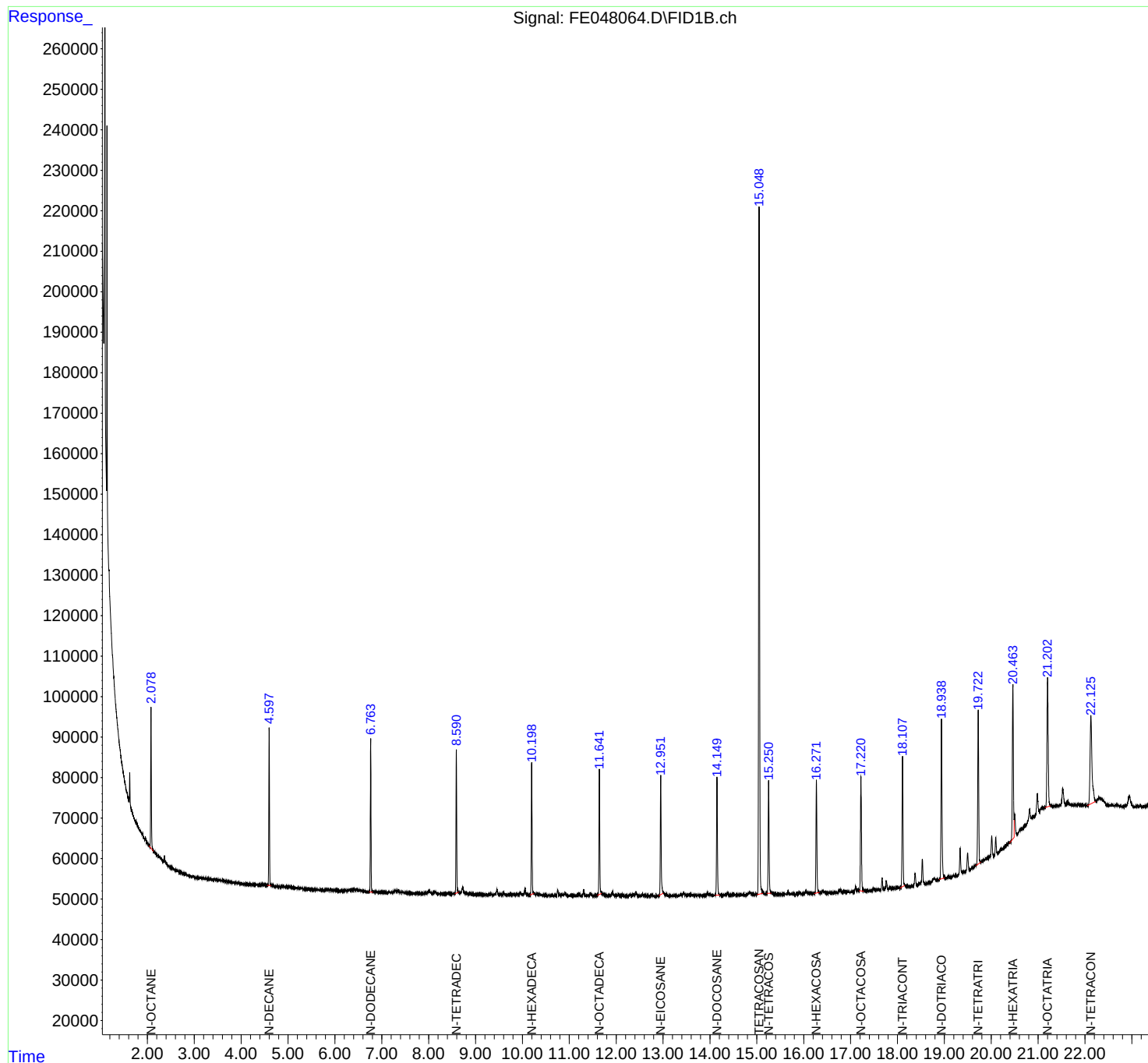
(m)=manual int.

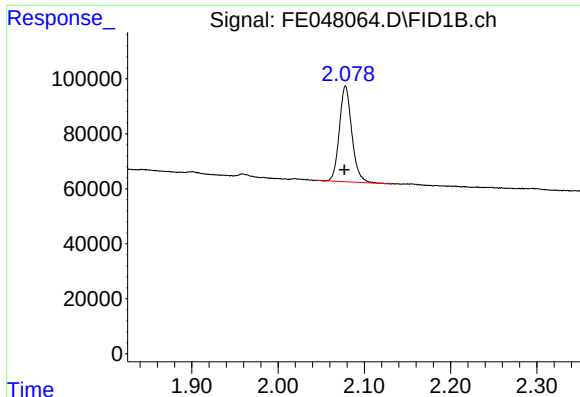
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

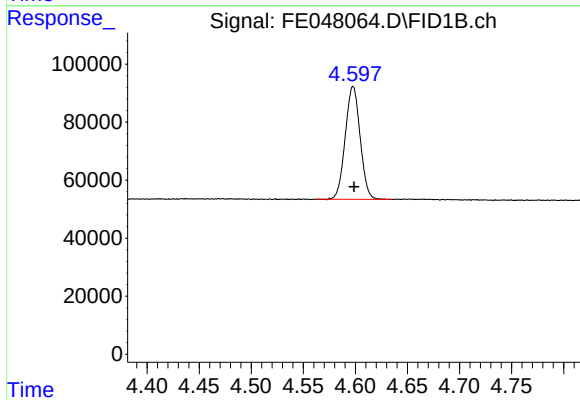




#1 N-OCTANE

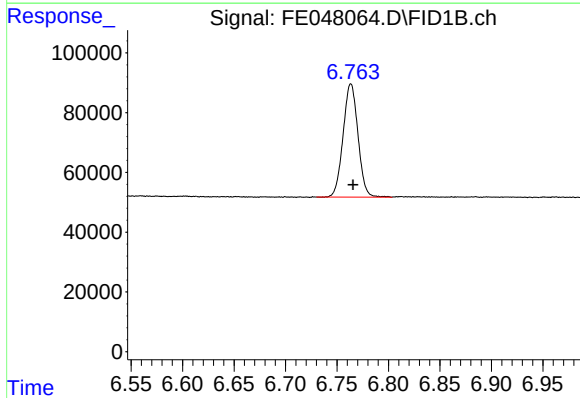
R.T.: 2.078 min
Delta R.T.: 0.001 min
Response: 348561
Conc: 2.47 ug/ml

Instrument :
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LOD-MDL-WATER-04-QT2-2024



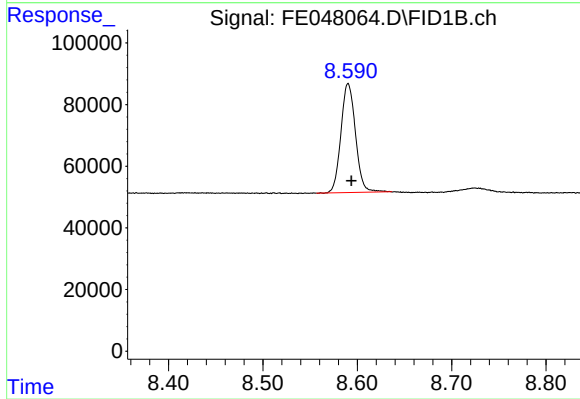
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 388143
Conc: 2.79 ug/ml



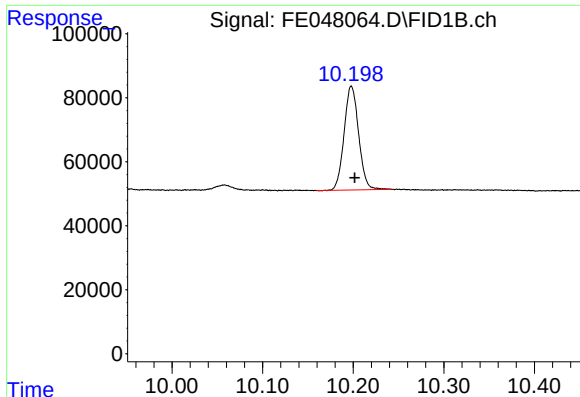
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 382010
Conc: 2.78 ug/ml



#4 N-TETRADECANE

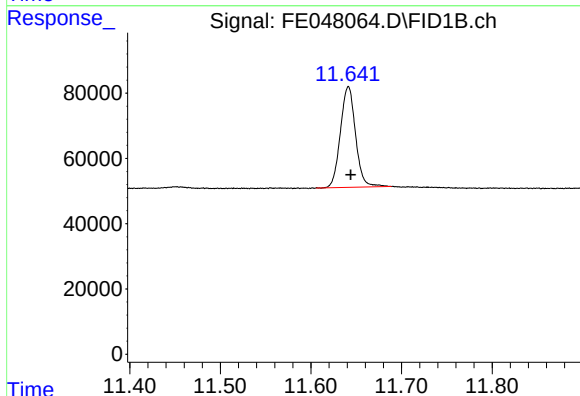
R.T.: 8.590 min
Delta R.T.: -0.003 min
Response: 378907
Conc: 2.79 ug/ml



#5 N-HEXADECANE

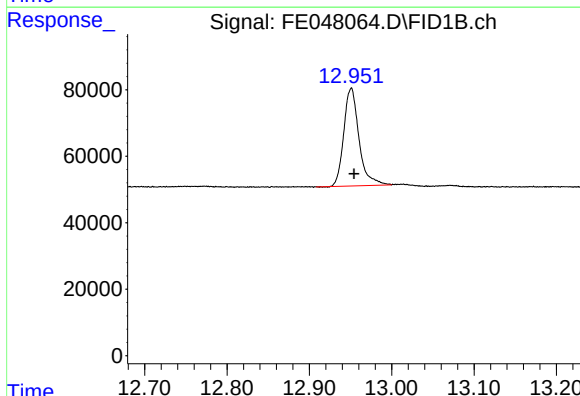
R.T.: 10.198 min
Delta R.T.: -0.004 min
Response: 362281
Conc: 2.70 ug/ml

Instrument :
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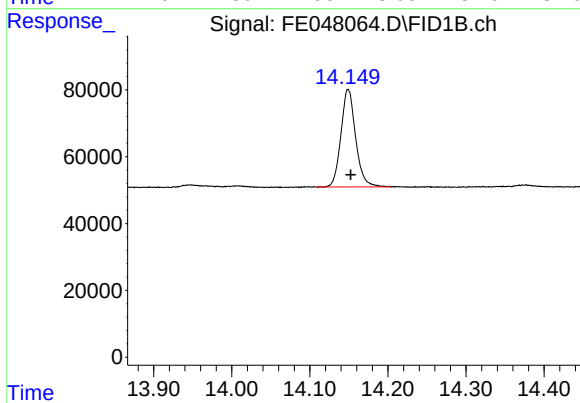
#6 N-OCTADECANE

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 358708
Conc: 2.66 ug/ml



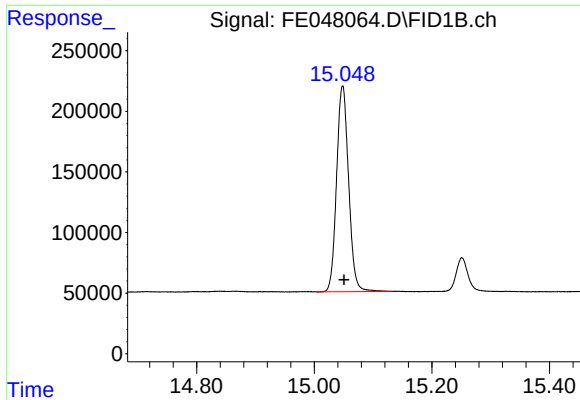
#7 N-EICOSANE

R.T.: 12.951 min
Delta R.T.: -0.004 min
Response: 376336
Conc: 2.75 ug/ml



#8 N-DOCOSANE

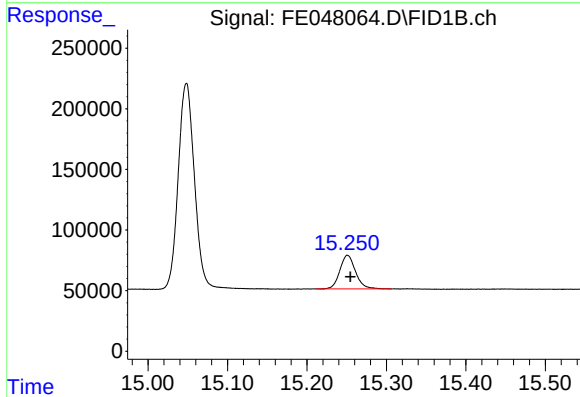
R.T.: 14.149 min
Delta R.T.: -0.003 min
Response: 381526
Conc: 2.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

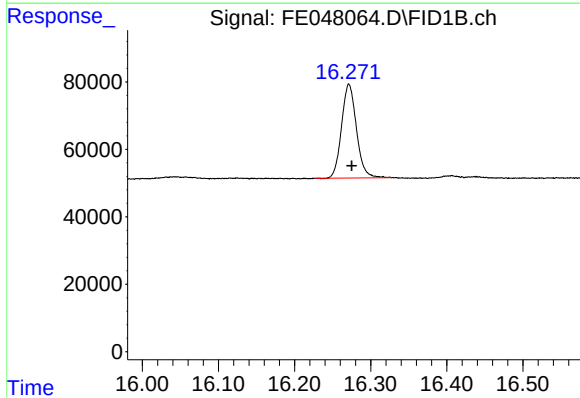
R.T.: 15.048 min
Delta R.T.: -0.002 min
Response: 2410378
Conc: 20.91 ug/ml

Instrument :
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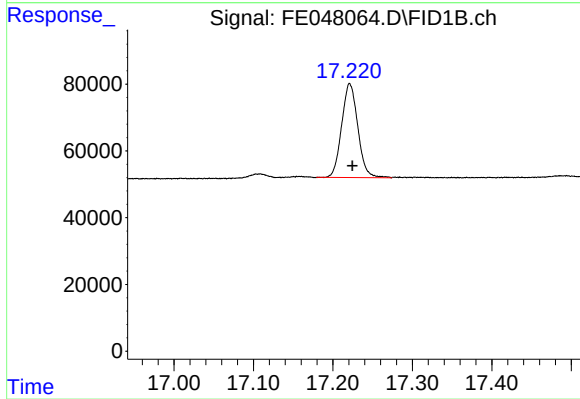
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.004 min
Response: 381392
Conc: 2.91 ug/ml



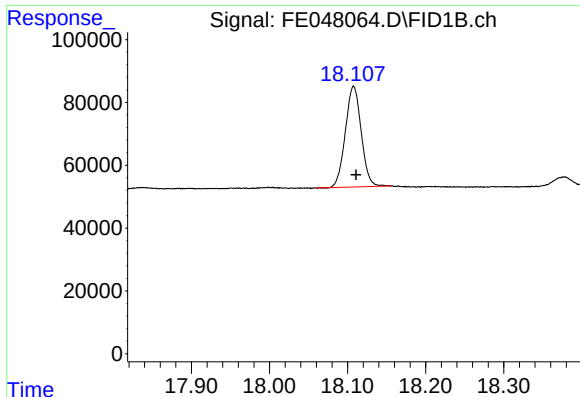
#11 N-HEXACOSANE

R.T.: 16.271 min
Delta R.T.: -0.004 min
Response: 377963
Conc: 2.90 ug/ml



#12 N-OCTACOSANE

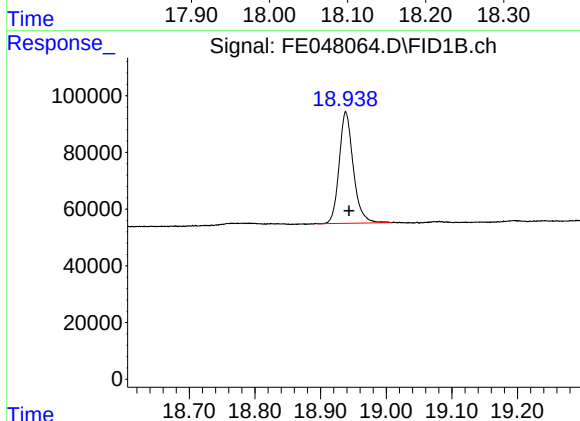
R.T.: 17.221 min
Delta R.T.: -0.003 min
Response: 398070
Conc: 3.08 ug/ml



#13 N-TRIACONTANE

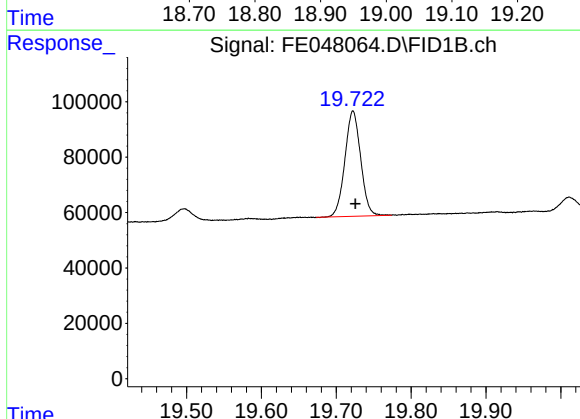
R.T.: 18.108 min
Delta R.T.: -0.003 min
Response: 453312
Conc: 3.41 ug/ml

Instrument :
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ClientSampleId :
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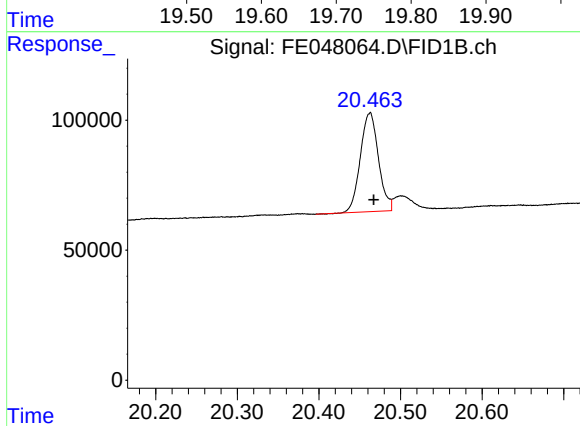
#14 N-DOTRIACONTANE

R.T.: 18.938 min
Delta R.T.: -0.005 min
Response: 586965
Conc: 4.09 ug/ml



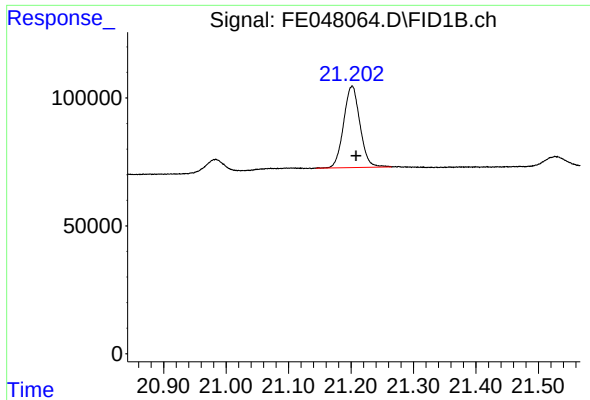
#15 N-TETRATRIACONTANE

R.T.: 19.722 min
Delta R.T.: -0.003 min
Response: 557097
Conc: 4.13 ug/ml



#16 N-HEXATRIACONTANE

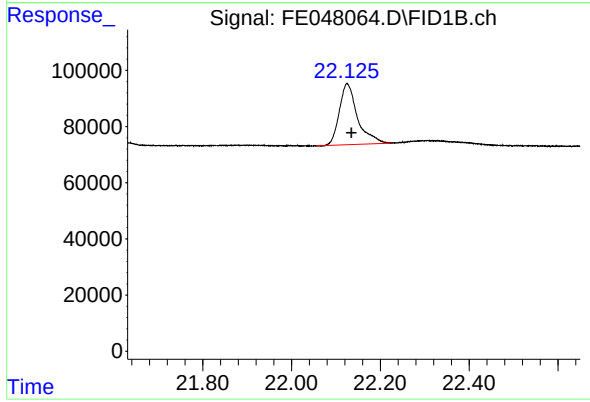
R.T.: 20.463 min
Delta R.T.: -0.005 min
Response: 585162
Conc: 4.42 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.202 min
Delta R.T.: -0.006 min
Response: 578985
Conc: 4.66 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.125 min
Delta R.T.: -0.010 min
Response: 618291
Conc: 4.90 ug/ml