

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051120\
 Data File : FE031974.D
 Signal(s) : FID1B.CH
 Acq On : 11 May 2020 17:44
 Operator : DD\AJ
 Sample : L2182-08
 Misc : LOQ-5 PPM-WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Integration File: autoint1.e
 Quant Time: May 12 00:49:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050720.M
 Quant Title :
 QLast Update : Thu May 07 13:58:31 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.359	7015474	18.100 ug/ml
Target Compounds			
1) N-OCTANE	2.143	1647329	4.070 ug/ml
2) N-DECANE	4.131	1656743	4.156 ug/ml
3) N-DODECANE	6.131	839749	2.078 ug/ml
4) N-TETRADECANE	7.919	1078568	2.583 ug/ml
5) N-HEXADECANE	9.539	735667	1.720 ug/ml
6) N-OCTADECANE	10.953	2053708	4.578 ug/ml
7) N-EICOSANE	12.262	2033958	4.586 ug/ml
8) N-DOCOSANE	13.457	2092637	4.669 ug/ml
10) N-TETRACOSANE	14.559	2587086	5.845 ug/ml
11) N-HEXACOSANE	15.580	2023608	4.625 ug/ml
12) N-OCTACOSANE	16.530	2062818	4.750 ug/ml
13) N-TRIACONTANE	17.417	2090634	4.811 ug/ml
14) N-DOTRIACONTANE	18.250	1917045	4.597 ug/ml
15) N-TETRATRIACONTANE	19.033	1650485	4.176 ug/ml
16) N-HEXATRIACONTANE	19.774	1414874	3.807 ug/ml
17) N-OCTATRIACONTANE	20.476	1203657	3.580 ug/ml
18) N-TETRACONTANE	21.275	1174512	3.471 ug/ml

(f)=RT Delta > 1/2 Window

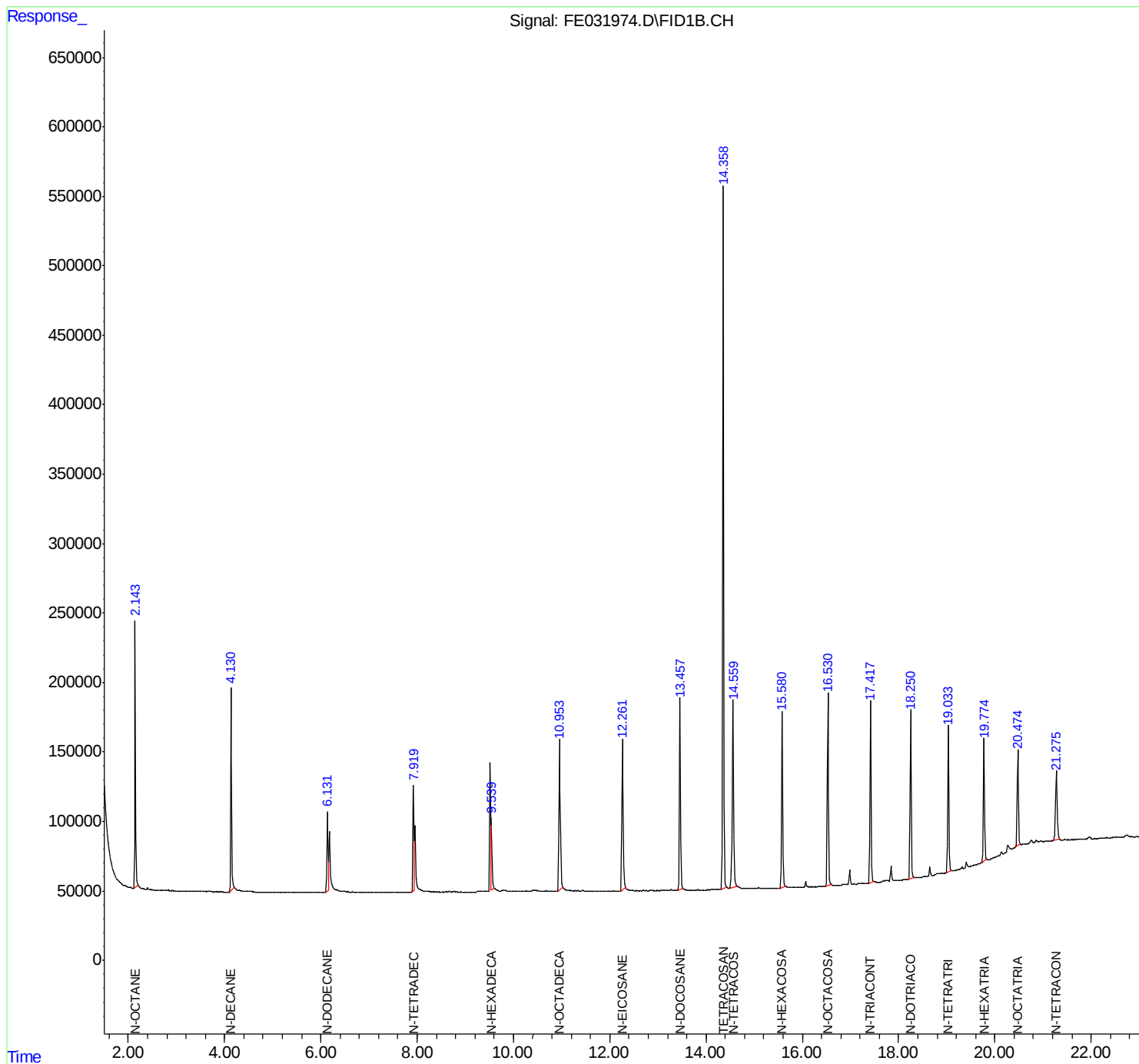
(m)=manual int.

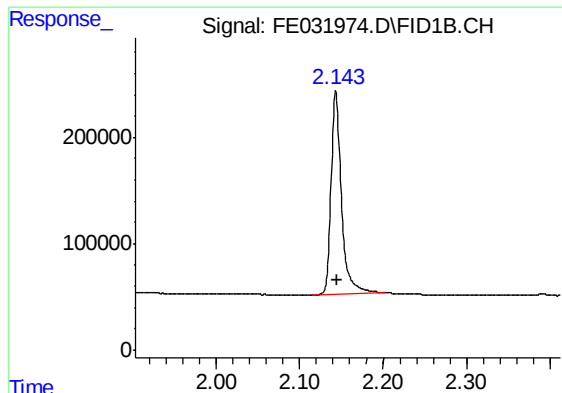
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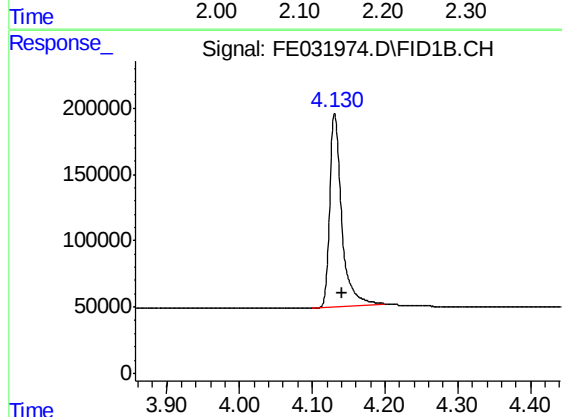




#1 N-OCTANE

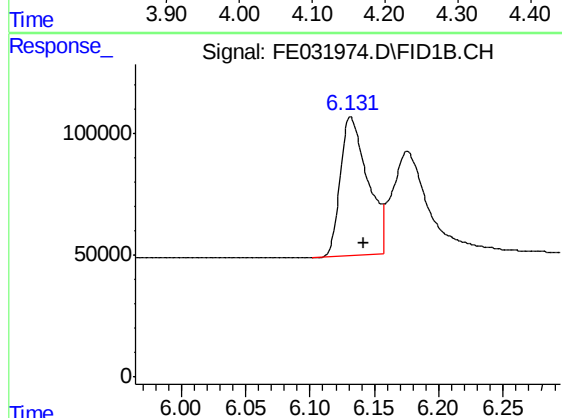
R.T.: 2.143 min
Delta R.T.: 0.000 min
Response: 1647329
Conc: 4.07 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-02-QT2-2020



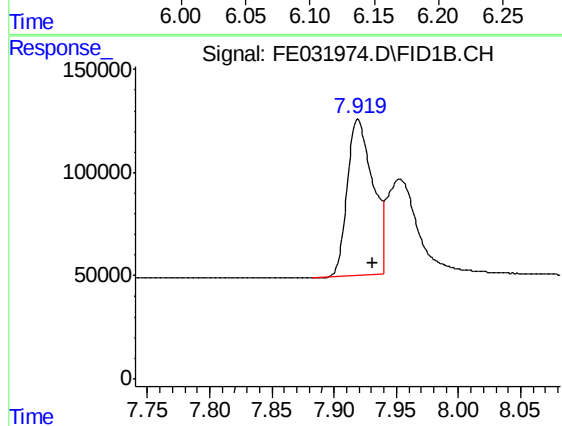
#2 N-DECANE

R.T.: 4.131 min
Delta R.T.: -0.010 min
Response: 1656743
Conc: 4.16 ug/ml



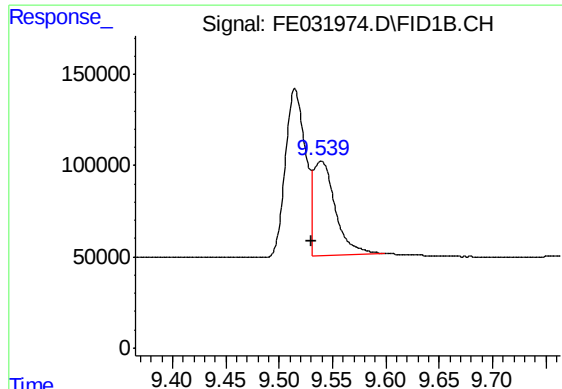
#3 N-DODECANE

R.T.: 6.131 min
Delta R.T.: -0.010 min
Response: 839749
Conc: 2.08 ug/ml



#4 N-TETRADECANE

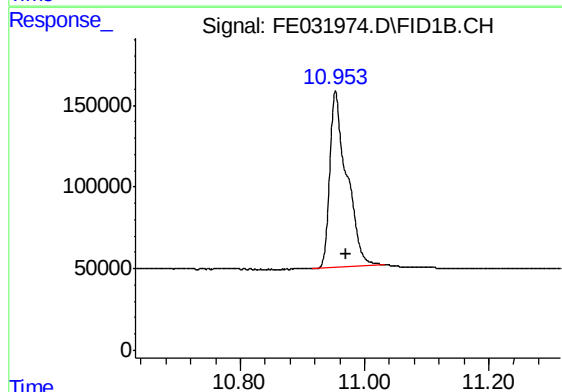
R.T.: 7.919 min
Delta R.T.: -0.013 min
Response: 1078568
Conc: 2.58 ug/ml



#5 N-HEXADECANE

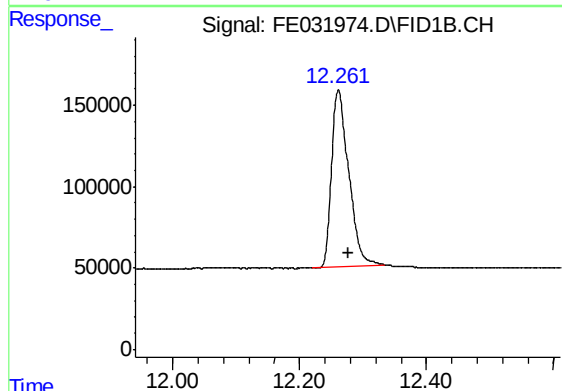
R.T.: 9.539 min
Delta R.T.: 0.009 min
Response: 735667
Conc: 1.72 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-02-QT2-2020



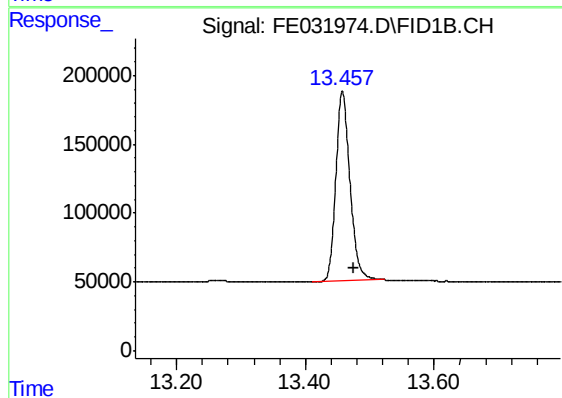
#6 N-OCTADECANE

R.T.: 10.953 min
Delta R.T.: -0.017 min
Response: 2053708
Conc: 4.58 ug/ml



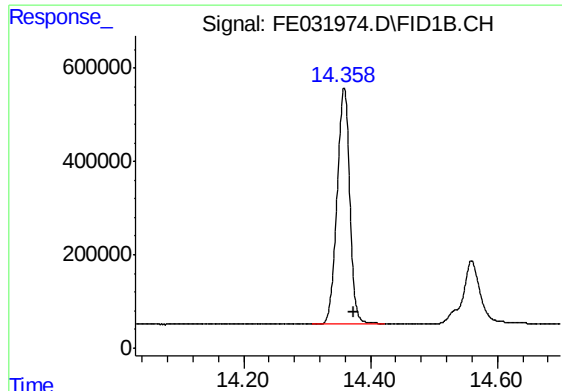
#7 N-EICOSANE

R.T.: 12.262 min
Delta R.T.: -0.016 min
Response: 2033958
Conc: 4.59 ug/ml



#8 N-DOCOSANE

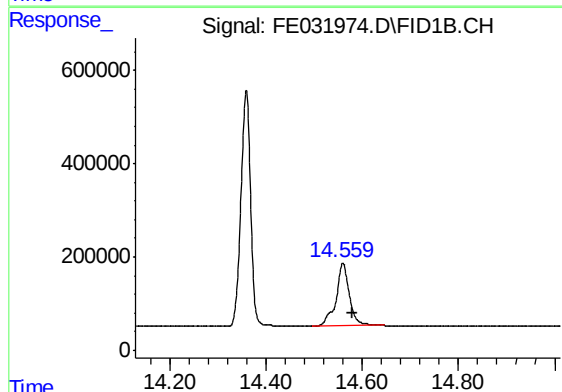
R.T.: 13.457 min
Delta R.T.: -0.018 min
Response: 2092637
Conc: 4.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

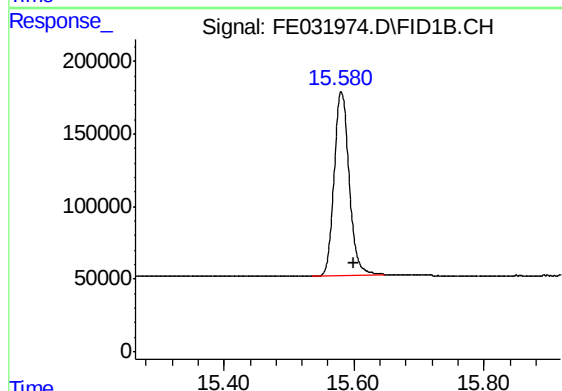
R.T.: 14.359 min
Delta R.T.: -0.015 min
Response: 7015474
Conc: 18.10 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-02-QT2-2020



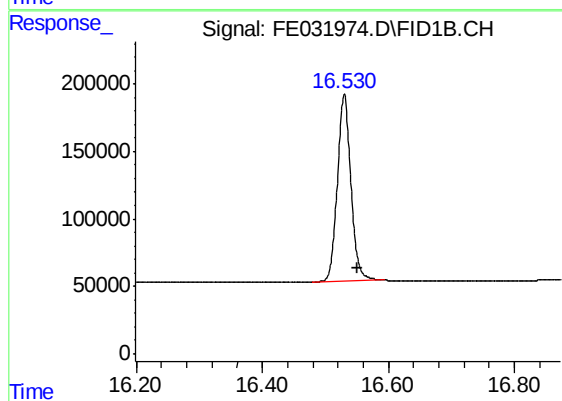
#10 N-TETRACOSANE

R.T.: 14.559 min
Delta R.T.: -0.020 min
Response: 2587086
Conc: 5.84 ug/ml



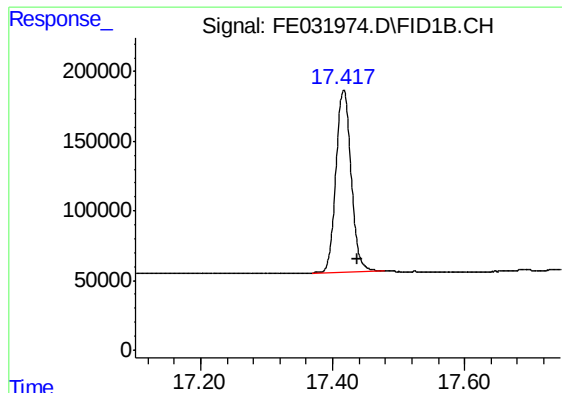
#11 N-HEXACOSANE

R.T.: 15.580 min
Delta R.T.: -0.019 min
Response: 2023608
Conc: 4.63 ug/ml



#12 N-OCTACOSANE

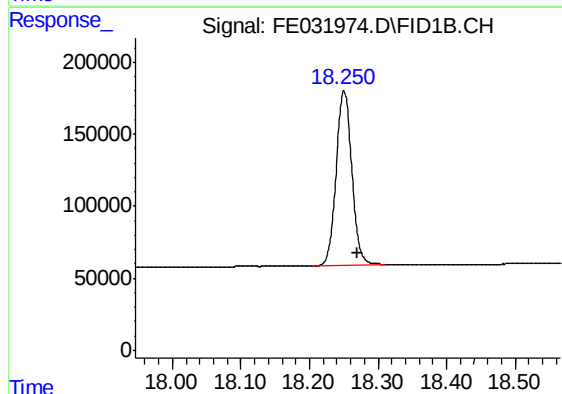
R.T.: 16.530 min
Delta R.T.: -0.020 min
Response: 2062818
Conc: 4.75 ug/ml



#13 N-TRIACONTANE

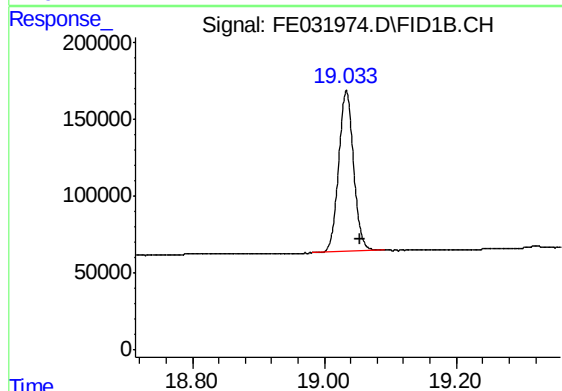
R.T.: 17.417 min
Delta R.T.: -0.021 min
Response: 2090634
Conc: 4.81 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-02-QT2-2020



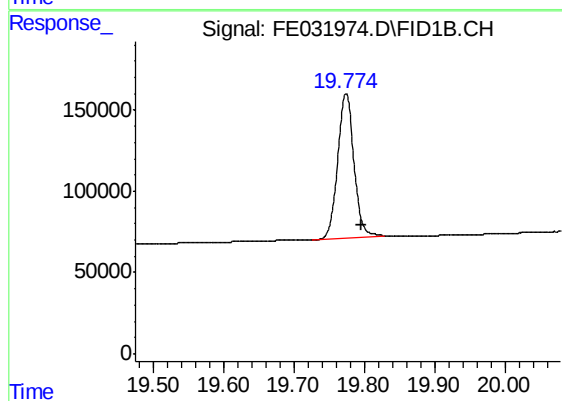
#14 N-DOTRIACONTANE

R.T.: 18.250 min
Delta R.T.: -0.021 min
Response: 1917045
Conc: 4.60 ug/ml



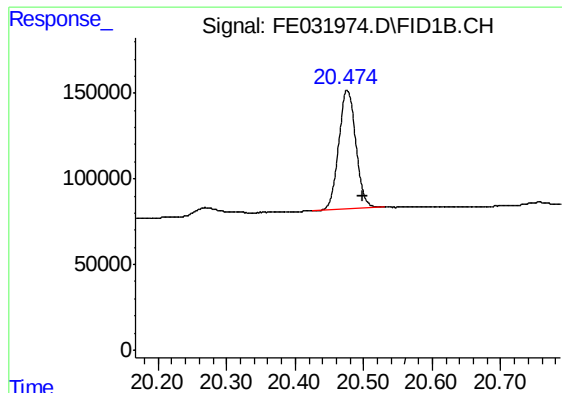
#15 N-TETRATRIACONTANE

R.T.: 19.033 min
Delta R.T.: -0.021 min
Response: 1650485
Conc: 4.18 ug/ml



#16 N-HEXATRIACONTANE

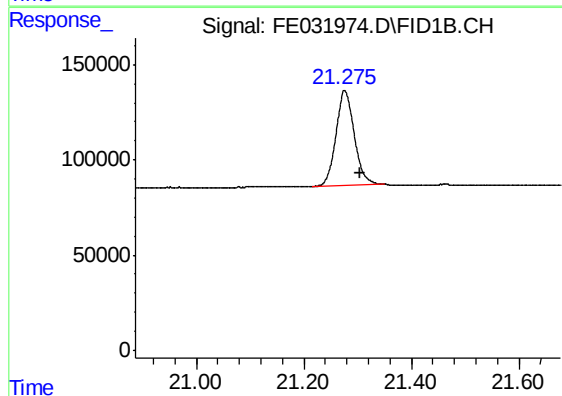
R.T.: 19.774 min
Delta R.T.: -0.021 min
Response: 1414874
Conc: 3.81 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.476 min
Delta R.T.: -0.023 min
Response: 1203657
Conc: 3.58 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.275 min
Delta R.T.: -0.029 min
Response: 1174512
Conc: 3.47 ug/ml