

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051320\
 Data File : FE032007.D
 Signal(s) : FID1B.CH
 Acq On : 13 May 2020 14:14
 Operator : DD\AJ
 Sample : L2182-07
 Misc : LOD-2.5 PPM-WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Integration File: autoint1.e
 Quant Time: May 14 01:11:14 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...	14.355	6923456	17.863 ug/ml
Target Compounds			
1) N-OCTANE	2.143	721541	1.783 ug/ml
2) N-DECANE	4.131	641639	1.610 ug/ml
3) N-DODECANE	6.178	563017	1.393 ug/ml
4) N-TETRADECANE	7.927	329411	0.789 ug/ml
5) N-HEXADECANE	9.536	418059	0.977 ug/ml
6) N-OCTADECANE	10.954	921296	2.054 ug/ml
7) N-EICOSANE	12.263	909761	2.051 ug/ml
8) N-DOCOSANE	13.458	983418	2.194 ug/ml
10) N-TETRACOSANE	14.558	1218162	2.752 ug/ml
11) N-HEXACOSANE	15.578	941982	2.153 ug/ml
12) N-OCTACOSANE	16.526	1030769	2.374 ug/ml
13) N-TRIACONTANE	17.413	1154806	2.658 ug/ml
14) N-DOTRIACONTANE	18.245	1110447	2.663 ug/ml
15) N-TETRATRIACONTANE	19.029	913017	2.310 ug/ml
16) N-HEXATRIACONTANE	19.768	805427	2.167 ug/ml
17) N-OCTATRIACONTANE	20.472	607645	1.807 ug/ml
18) N-TETRACONTANE	21.271	604331	1.786 ug/ml

(f)=RT Delta > 1/2 Window

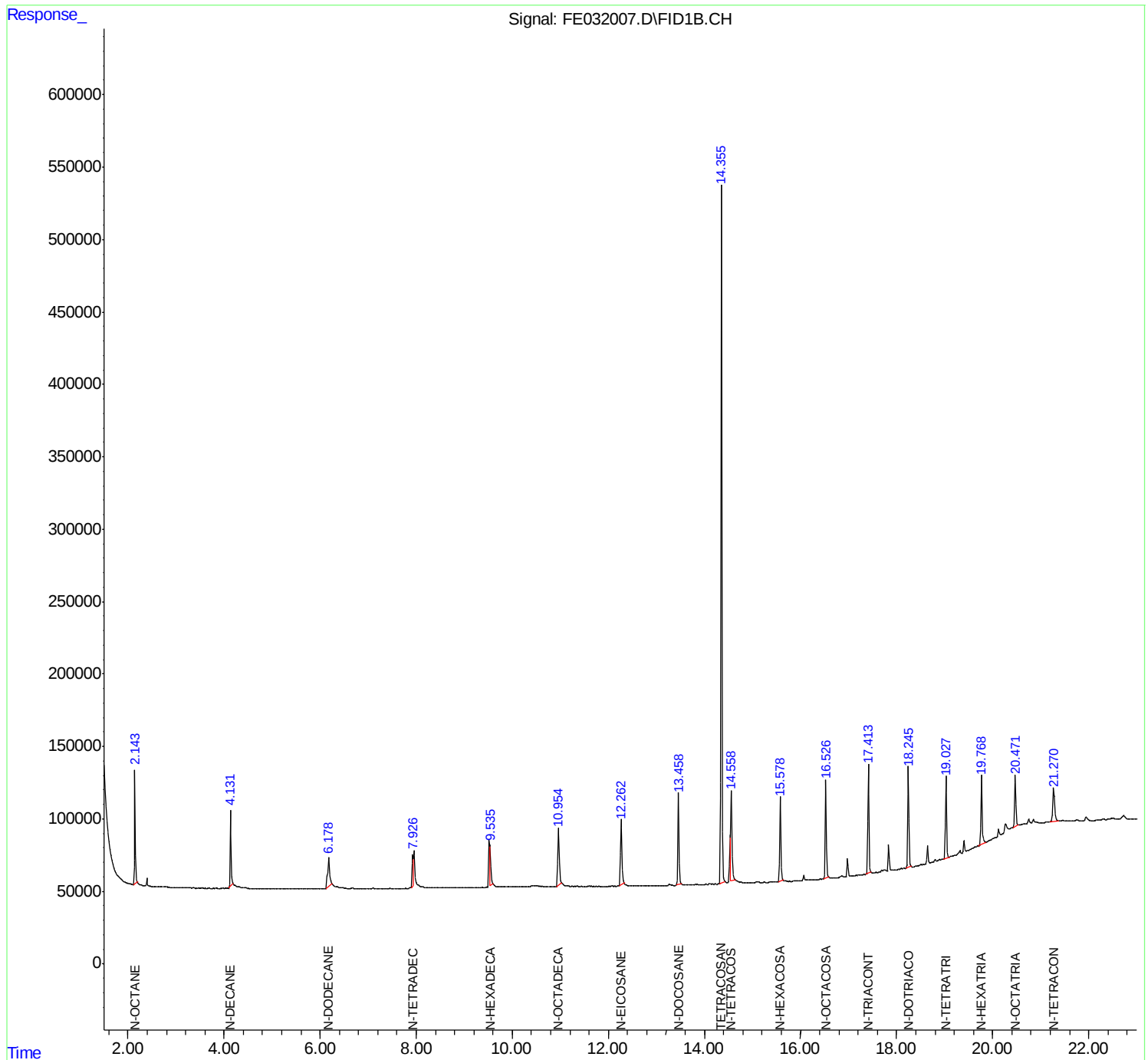
(m)=manual int.

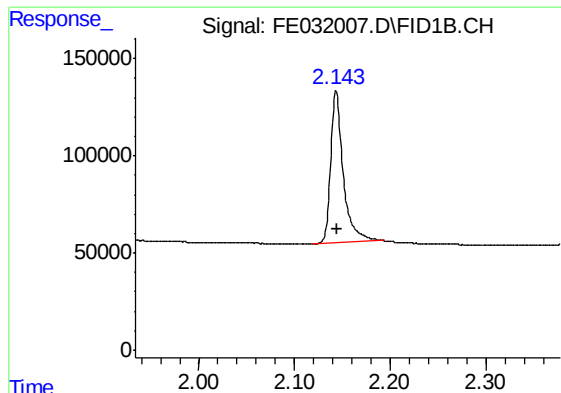
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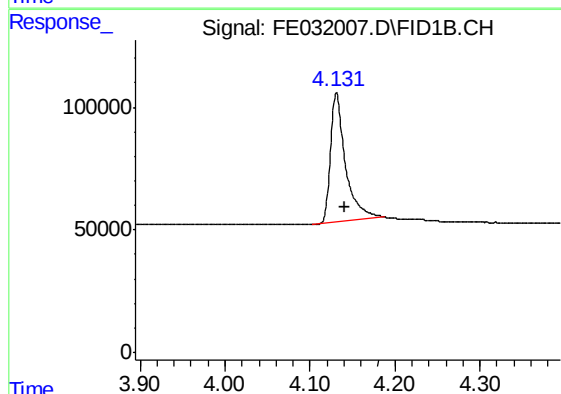




#1 N-OCTANE

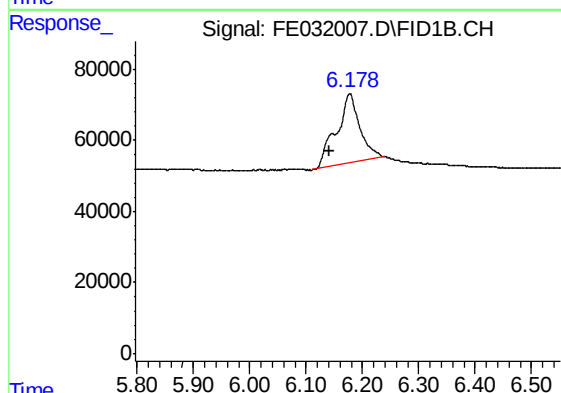
R.T.: 2.143 min
Delta R.T.: 0.000 min
Response: 721541
Conc: 1.78 ug/ml

Instrument :
FID_E
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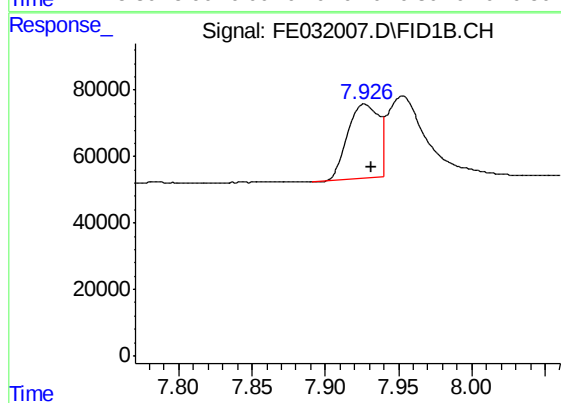
#2 N-DECANE

R.T.: 4.131 min
Delta R.T.: -0.009 min
Response: 641639
Conc: 1.61 ug/ml



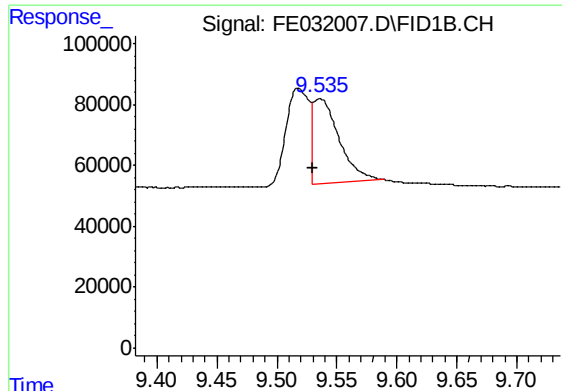
#3 N-DODECANE

R.T.: 6.178 min
Delta R.T.: 0.036 min
Response: 563017
Conc: 1.39 ug/ml



#4 N-TETRADECANE

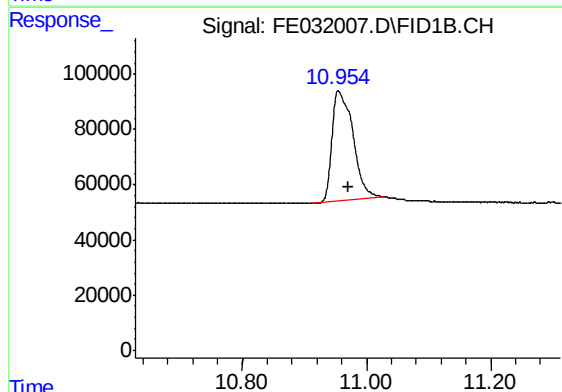
R.T.: 7.927 min
Delta R.T.: -0.005 min
Response: 329411
Conc: 0.79 ug/ml



#5 N-HEXADECANE

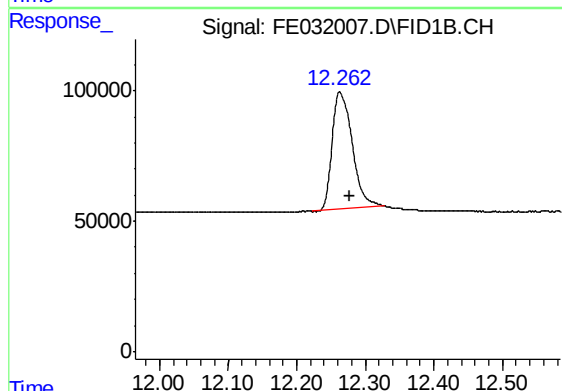
R.T.: 9.536 min
Delta R.T.: 0.006 min
Response: 418059
Conc: 0.98 ug/ml

Instrument :
FID_E
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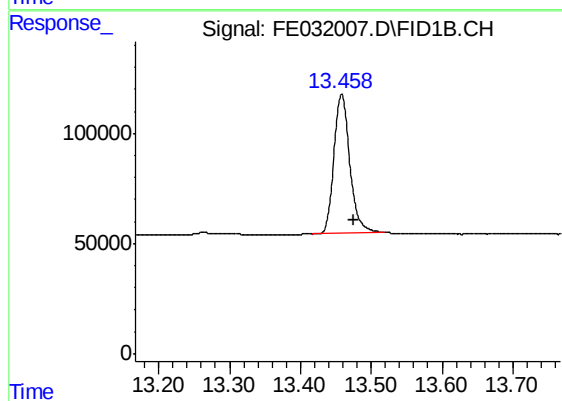
#6 N-OCTADECANE

R.T.: 10.954 min
Delta R.T.: -0.016 min
Response: 921296
Conc: 2.05 ug/ml



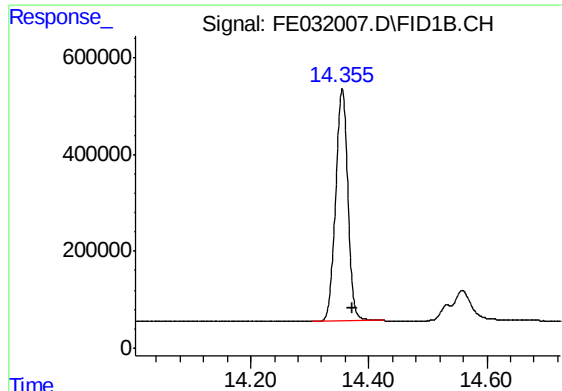
#7 N-EICOSANE

R.T.: 12.263 min
Delta R.T.: -0.015 min
Response: 909761
Conc: 2.05 ug/ml



#8 N-DOCOSANE

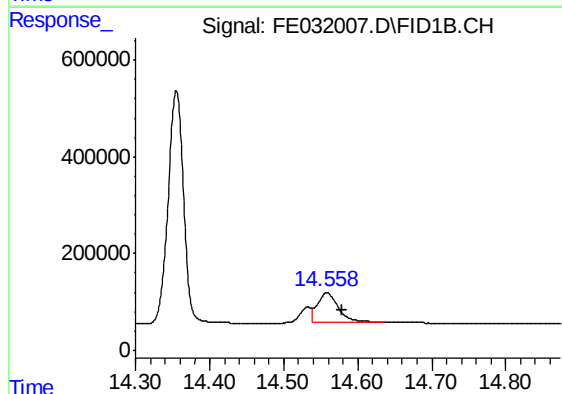
R.T.: 13.458 min
Delta R.T.: -0.017 min
Response: 983418
Conc: 2.19 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

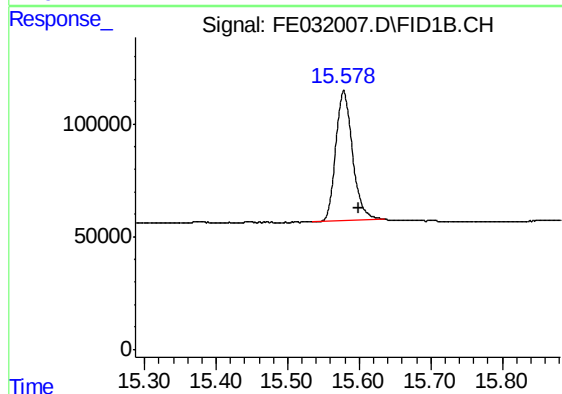
R.T.: 14.355 min
Delta R.T.: -0.018 min
Response: 6923456
Conc: 17.86 ug/ml

Instrument :
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ClientSampleId :
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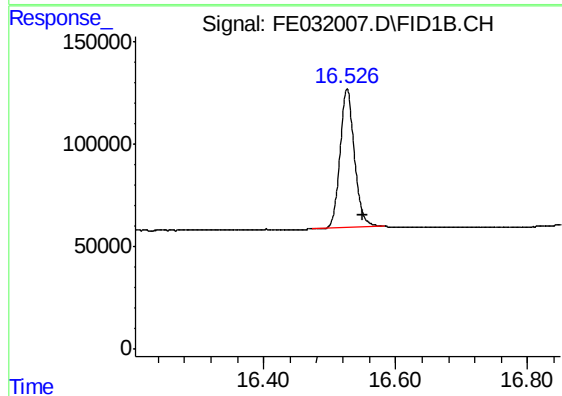
#10 N-TETRACOSANE

R.T.: 14.558 min
Delta R.T.: -0.021 min
Response: 1218162
Conc: 2.75 ug/ml



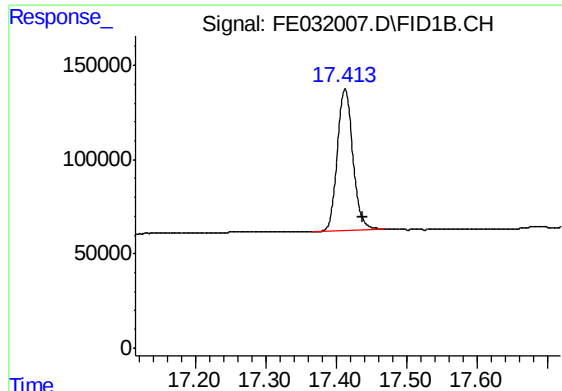
#11 N-HEXACOSANE

R.T.: 15.578 min
Delta R.T.: -0.021 min
Response: 941982
Conc: 2.15 ug/ml



#12 N-OCTACOSANE

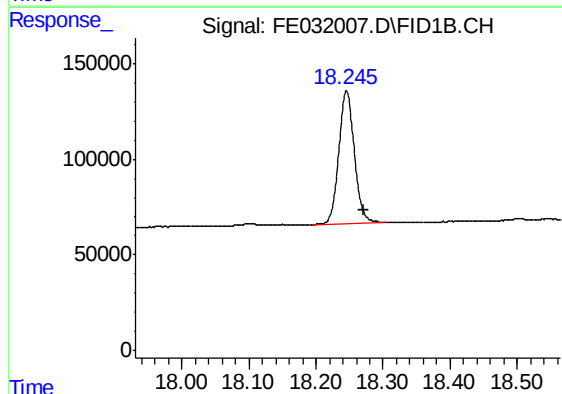
R.T.: 16.526 min
Delta R.T.: -0.024 min
Response: 1030769
Conc: 2.37 ug/ml



#13 N-TRIACONTANE

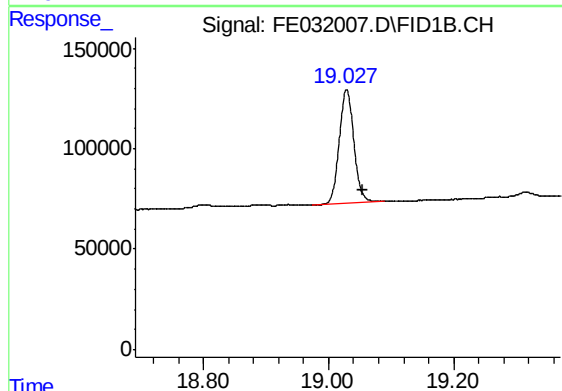
R.T.: 17.413 min
Delta R.T.: -0.025 min
Response: 1154806
Conc: 2.66 ug/ml

Instrument :
FID_E
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LOD-MDL-WATER-01-QT2-2020



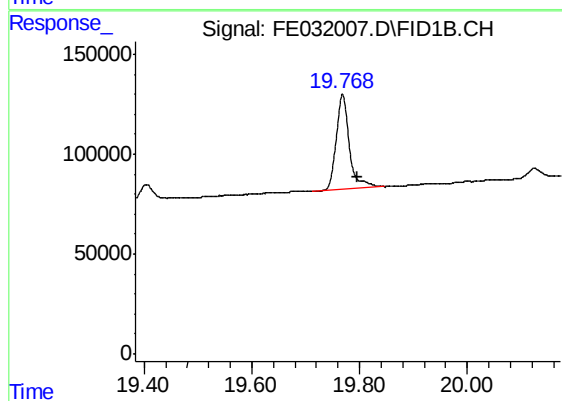
#14 N-DOTRIACONTANE

R.T.: 18.245 min
Delta R.T.: -0.026 min
Response: 1110447
Conc: 2.66 ug/ml



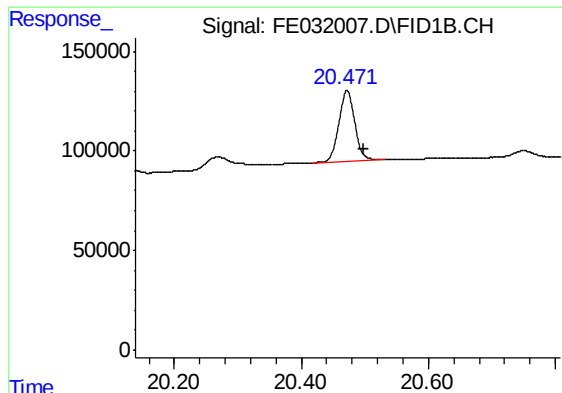
#15 N-TETRATRIACONTANE

R.T.: 19.029 min
Delta R.T.: -0.026 min
Response: 913017
Conc: 2.31 ug/ml



#16 N-HEXATRIACONTANE

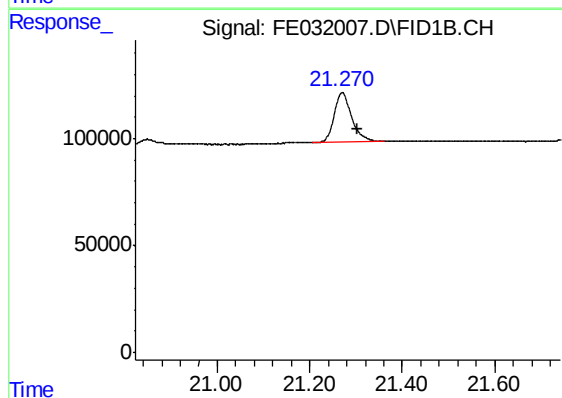
R.T.: 19.768 min
Delta R.T.: -0.027 min
Response: 805427
Conc: 2.17 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.472 min
Delta R.T.: -0.026 min
Response: 607645
Conc: 1.81 ug/ml

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2020



#18 N-TETRACONTANE

R.T.: 21.271 min
Delta R.T.: -0.034 min
Response: 604331
Conc: 1.79 ug/ml