

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048063.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 01:27
 Operator : YP\AJ
 Sample : P2403-10
 Misc : 1PPM WATER LOD
 ALS Vial : 24 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 10 05:24:43 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...	15.050	3186983	27.645 ug/ml
Target Compounds			
1) N-OCTANE	2.078	205824	1.458 ug/ml
2) N-DECANE	4.597	233436	1.681 ug/ml
3) N-DODECANE	6.763	227923	1.660 ug/ml
4) N-TETRADECANE	8.591	236132	1.736 ug/ml
5) N-HEXADECANE	10.198	219024	1.632 ug/ml
6) N-OCTADECANE	11.641	219377	1.625 ug/ml
7) N-EICOSANE	12.951	239894	1.756 ug/ml
8) N-DOCOSANE	14.149	244092	1.854 ug/ml
10) N-TETRACOSANE	15.251	266156	2.033 ug/ml
11) N-HEXACOSANE	16.272	254350	1.955 ug/ml
12) N-OCTACOSANE	17.221	270002	2.090 ug/ml
13) N-TRIACONTANE	18.108	321759	2.420 ug/ml
14) N-DOTRIACONTANE	18.940	421826	2.941 ug/ml
15) N-TETRATRIACONTANE	19.722	378566	2.803 ug/ml
16) N-HEXATRIACONTANE	20.461	389523	2.942 ug/ml
17) N-OCTATRIACONTANE	21.203	373978	3.010 ug/ml
18) N-TETRACONTANE	22.127	402581	3.192 ug/ml

(f)=RT Delta > 1/2 Window

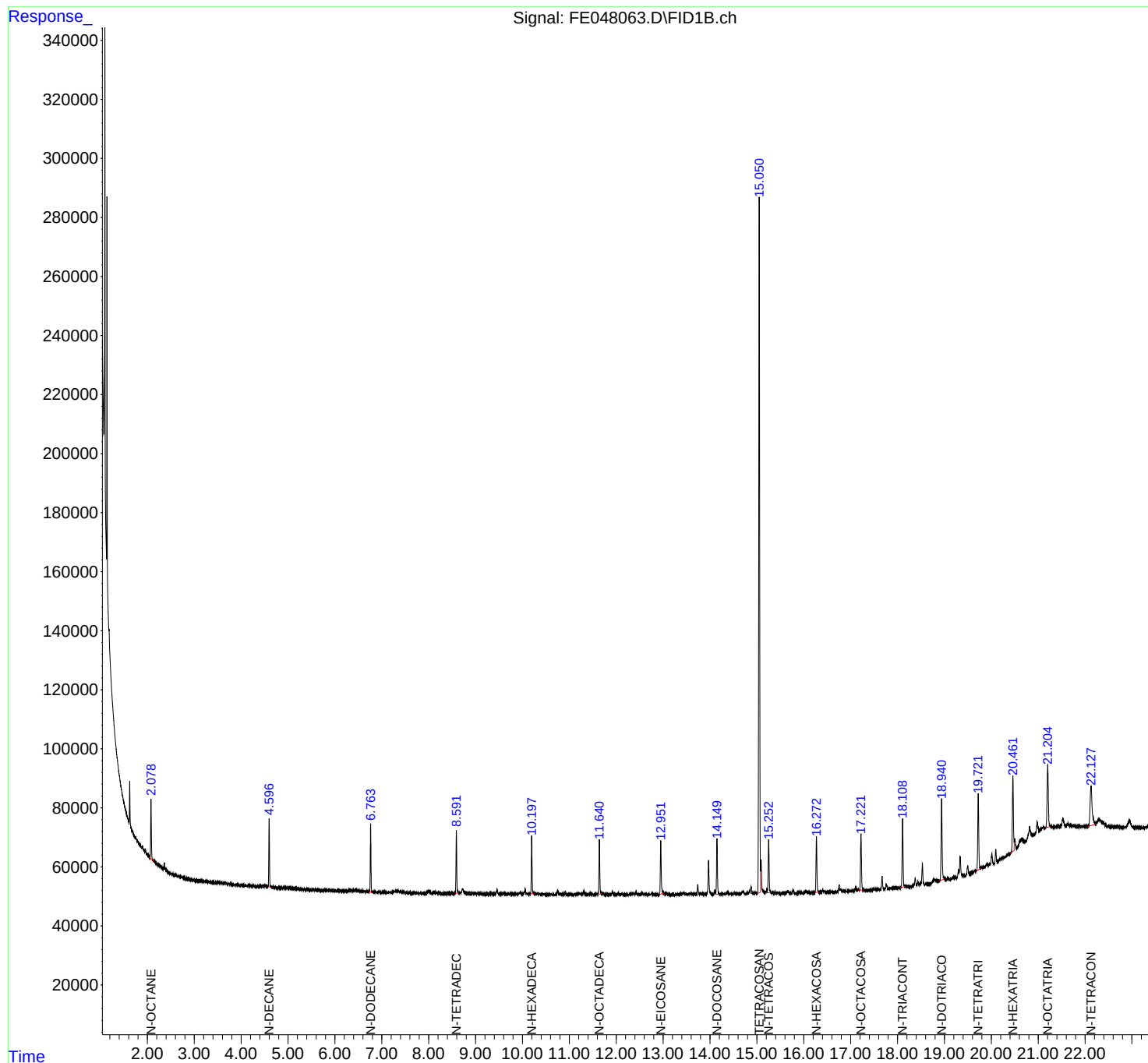
(m)=manual int.

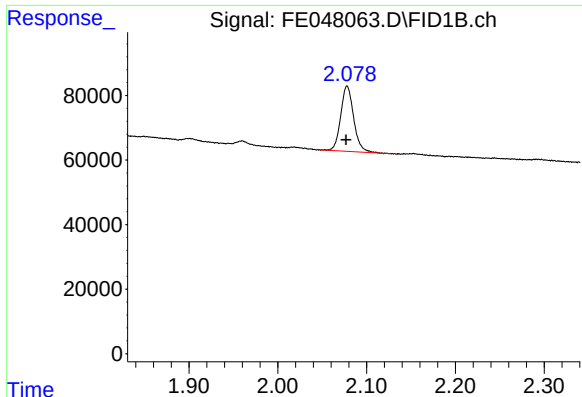
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
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Integrator: ChemStation

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

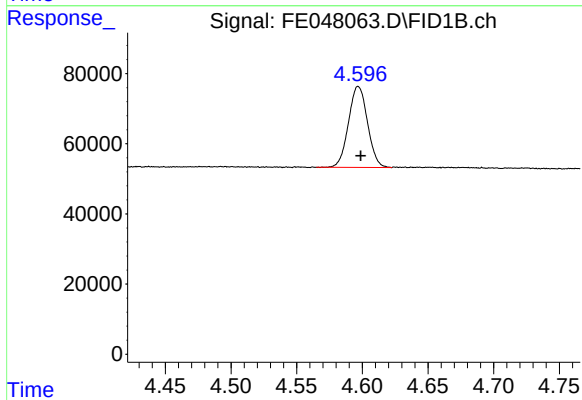




#1 N-OCTANE

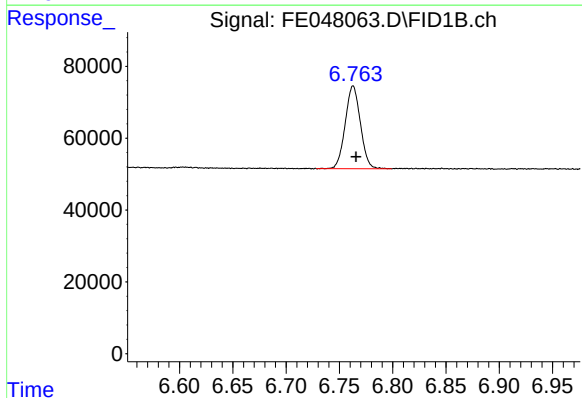
R.T.: 2.078 min
Delta R.T.: 0.001 min
Response: 205824
Conc: 1.46 ug/ml

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



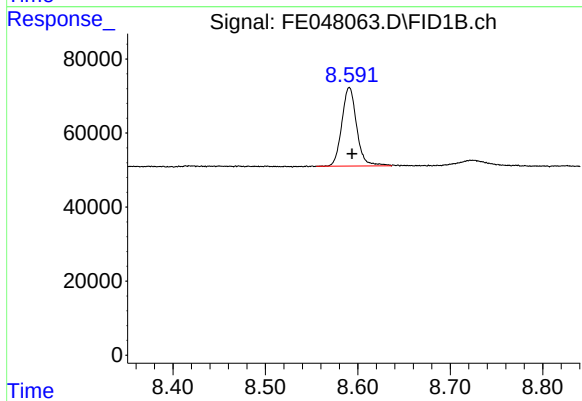
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 233436
Conc: 1.68 ug/ml



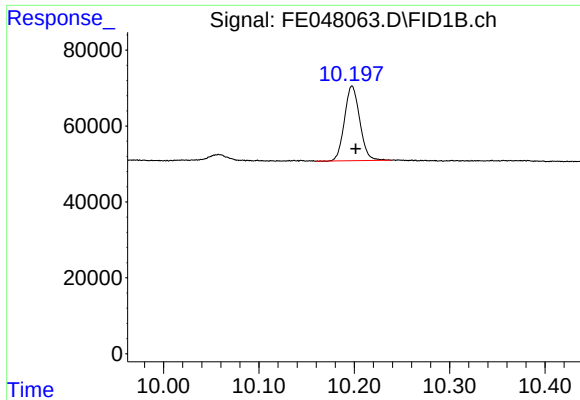
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 227923
Conc: 1.66 ug/ml



#4 N-TETRADECANE

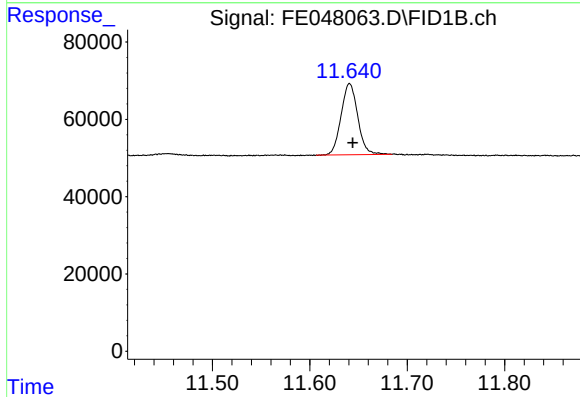
R.T.: 8.591 min
Delta R.T.: -0.003 min
Response: 236132
Conc: 1.74 ug/ml



#5 N-HEXADECANE

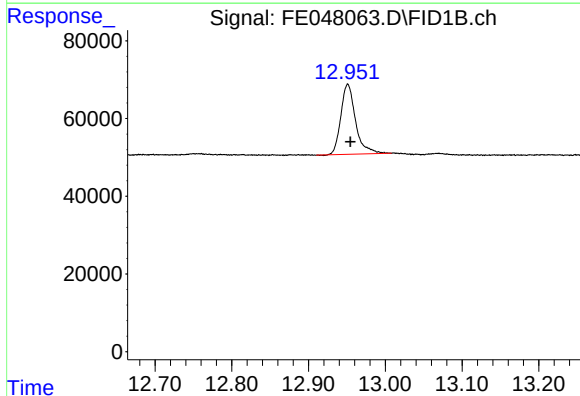
R.T.: 10.198 min
Delta R.T.: -0.004 min
Response: 219024
Conc: 1.63 ug/ml

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



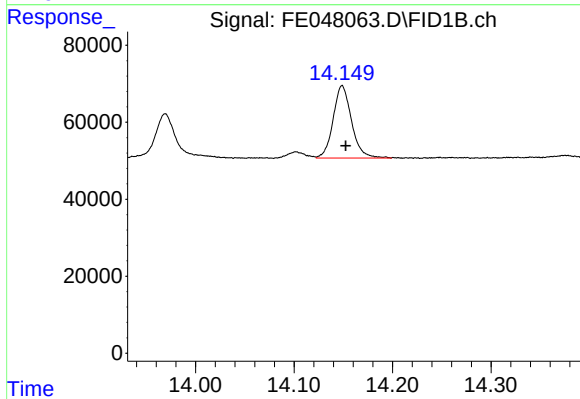
#6 N-OCTADECANE

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 219377
Conc: 1.62 ug/ml



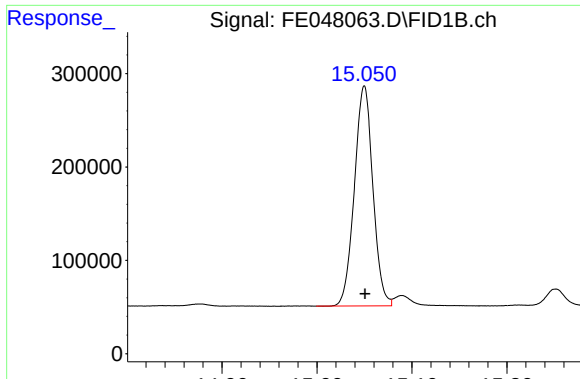
#7 N-EICOSANE

R.T.: 12.951 min
Delta R.T.: -0.003 min
Response: 239894
Conc: 1.76 ug/ml



#8 N-DOCOSANE

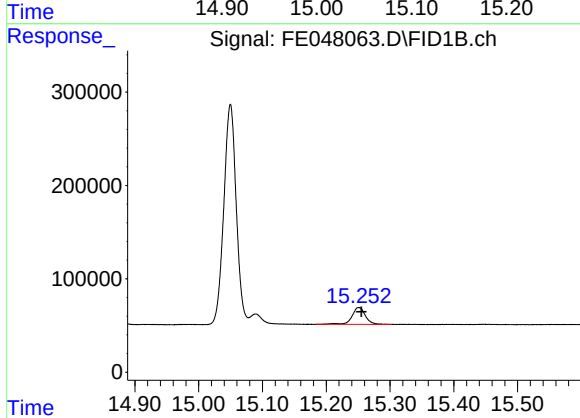
R.T.: 14.149 min
Delta R.T.: -0.004 min
Response: 244092
Conc: 1.85 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

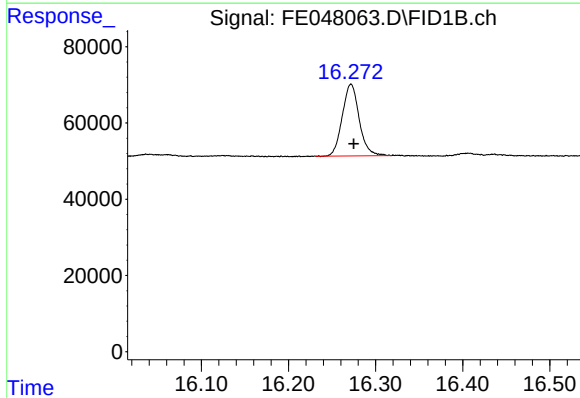
R.T.: 15.050 min
Delta R.T.: 0.000 min
Response: 3186983
Conc: 27.65 ug/ml

Instrument :
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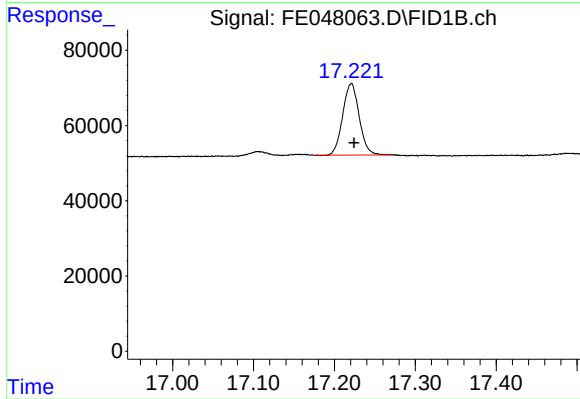
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.004 min
Response: 266156
Conc: 2.03 ug/ml



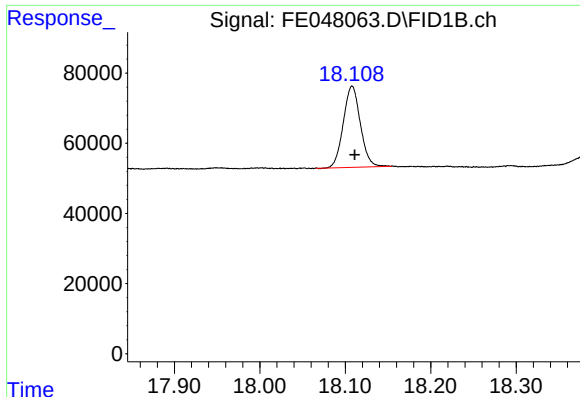
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: -0.003 min
Response: 254350
Conc: 1.95 ug/ml



#12 N-OCTACOSANE

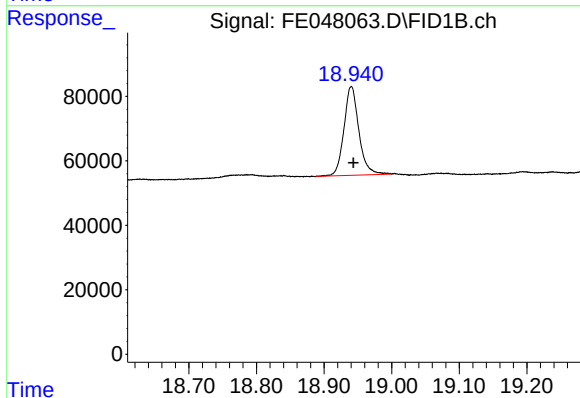
R.T.: 17.221 min
Delta R.T.: -0.003 min
Response: 270002
Conc: 2.09 ug/ml



#13 N-TRIACONTANE

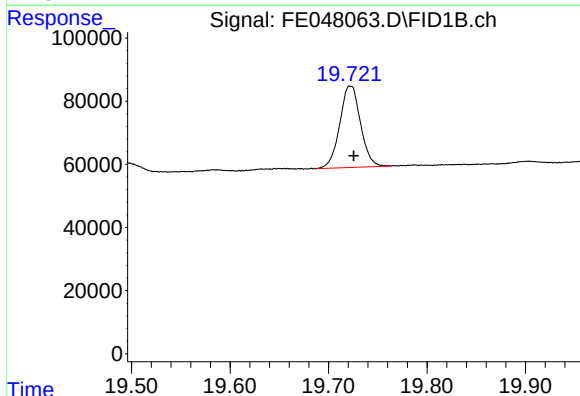
R.T.: 18.108 min
Delta R.T.: -0.003 min
Response: 321759
Conc: 2.42 ug/ml

Instrument :
FID_E
ClientSampleId :
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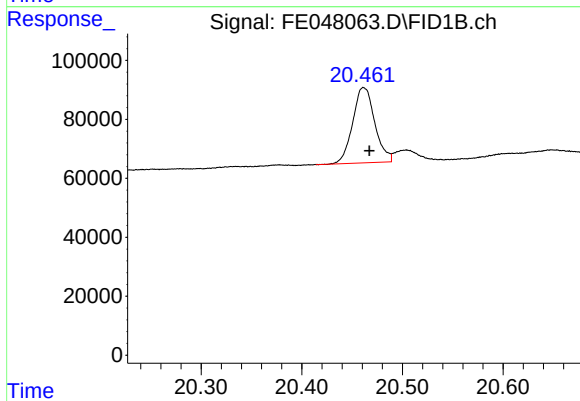
#14 N-DOTRIACONTANE

R.T.: 18.940 min
Delta R.T.: -0.003 min
Response: 421826
Conc: 2.94 ug/ml



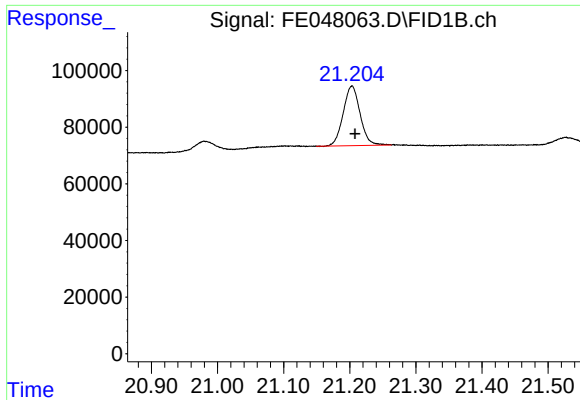
#15 N-TETRATRIACONTANE

R.T.: 19.722 min
Delta R.T.: -0.003 min
Response: 378566
Conc: 2.80 ug/ml



#16 N-HEXATRIACONTANE

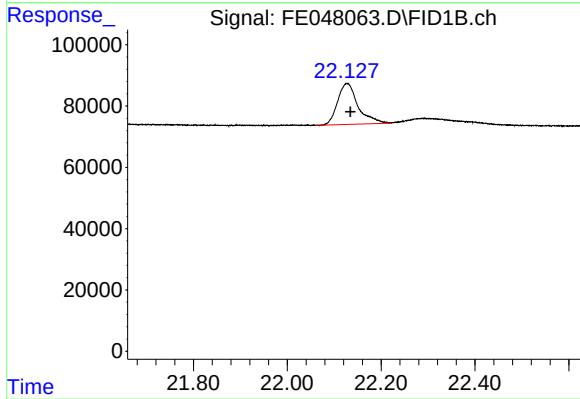
R.T.: 20.461 min
Delta R.T.: -0.006 min
Response: 389523
Conc: 2.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.203 min
Delta R.T.: -0.005 min
Response: 373978
Conc: 3.01 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.127 min
Delta R.T.: -0.007 min
Response: 402581
Conc: 3.19 ug/ml