

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012525\
 Data File : FE052076.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2025 05:29
 Operator : YP\AJ
 Sample : Q1168-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-06-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 27 02:35:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 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...	15.247	1779399	17.866 ug/ml
Target Compounds			
1) N-OCTANE	2.411	76628	0.899 ug/ml
2) N-DECANE	4.903	86608	0.946 ug/ml
3) N-DODECANE	7.029	94238	0.943 ug/ml
4) N-TETRADECANE	8.834	81814	0.804 ug/ml
5) N-HEXADECANE	10.428	105202	0.987 ug/ml
6) N-OCTADECANE	11.859	110841	0.989 ug/ml
7) N-EICOSANE	13.161	117666	1.056 ug/ml
8) N-DOCOSANE	14.352	112816	1.016 ug/ml
10) N-TETRACOSANE	15.449	112791	1.020 ug/ml
11) N-HEXACOSANE	16.465	115346	1.058 ug/ml
12) N-OCTACOSANE	17.412	145633	1.349 ug/ml
13) N-TRIACONTANE	18.296	229537	2.139 ug/ml
14) N-DOTRIACONTANE	19.126	307641	2.946 ug/ml
15) N-TETRATRIACONTANE	19.908	300360	3.199 ug/ml
16) N-HEXATRIACONTANE	20.647	266781	3.304 ug/ml
17) N-OCTATRIACONTANE	21.429	208674	2.797 ug/ml
18) N-TETRACONTANE	22.424	174063	2.364 ug/ml

(f)=RT Delta > 1/2 Window

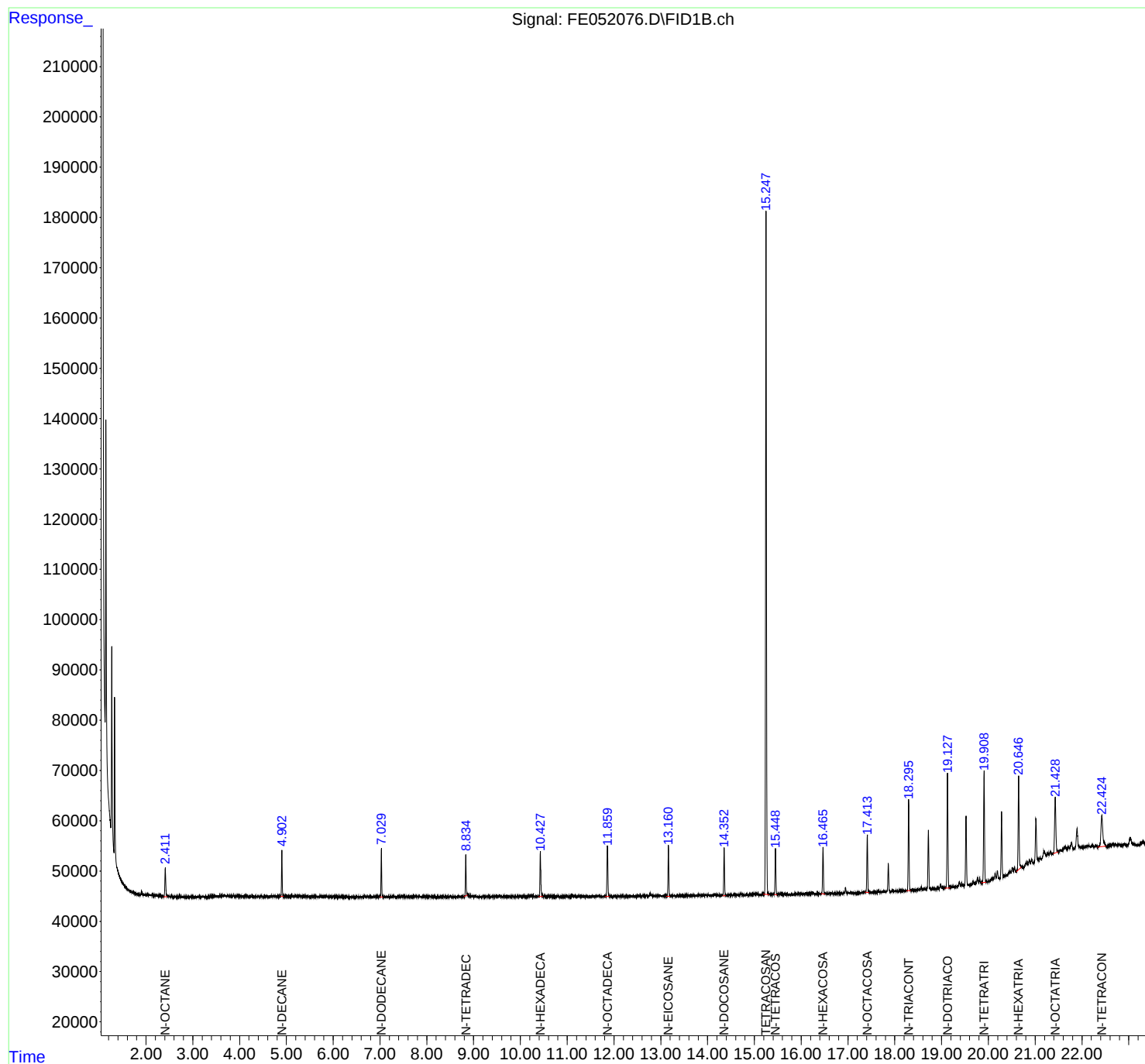
(m)=manual int.

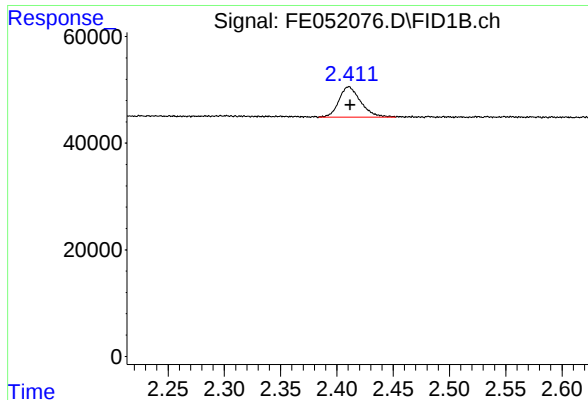
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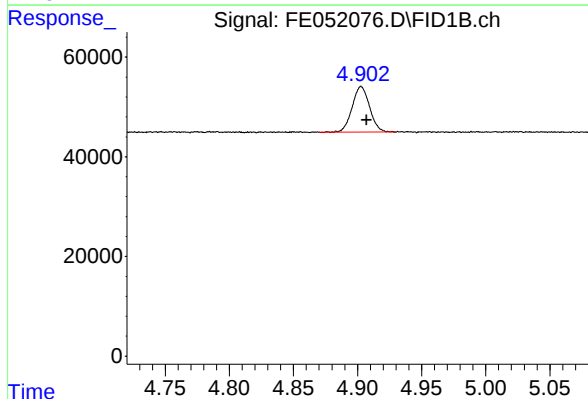




#1 N-OCTANE

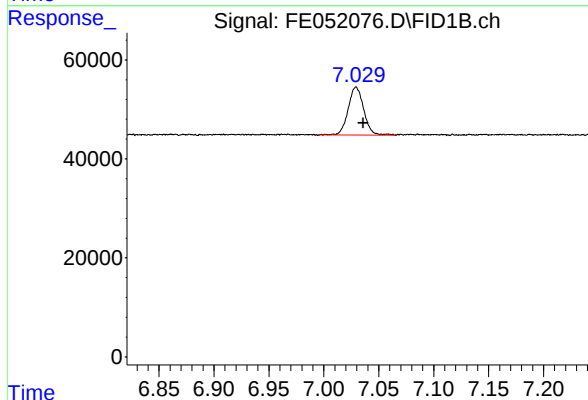
R.T.: 2.411 min
Delta R.T.: -0.001 min
Response: 76628
Conc: 0.90 ug/ml

Instrument :
FID_E
ClientSampleId :
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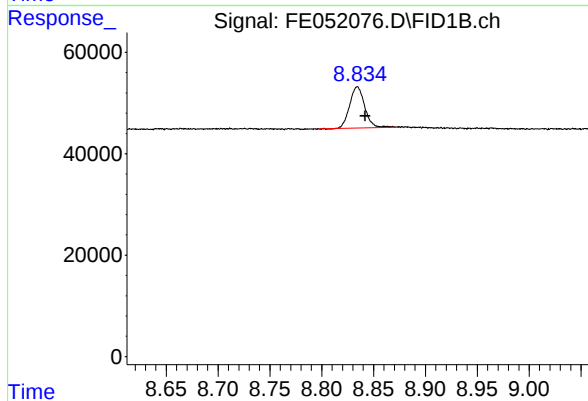
#2 N-DECANE

R.T.: 4.903 min
Delta R.T.: -0.004 min
Response: 86608
Conc: 0.95 ug/ml



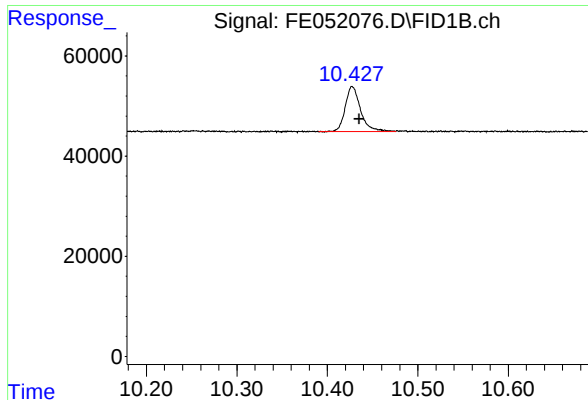
#3 N-DODECANE

R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 94238
Conc: 0.94 ug/ml



#4 N-TETRADECANE

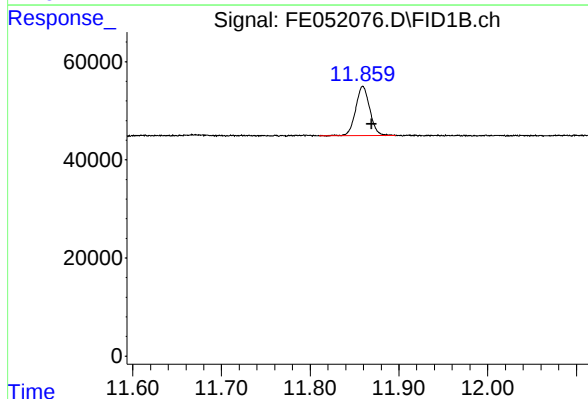
R.T.: 8.834 min
Delta R.T.: -0.007 min
Response: 81814
Conc: 0.80 ug/ml



#5 N-HEXADECANE

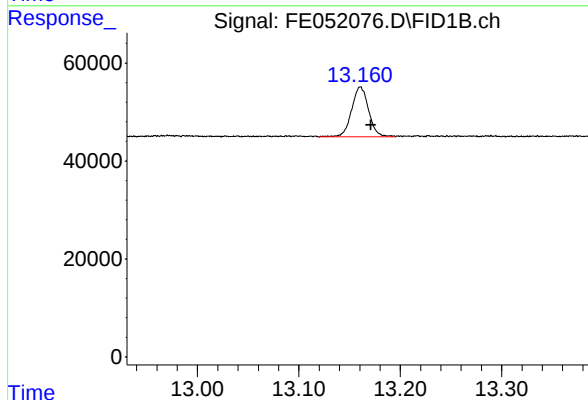
R.T.: 10.428 min
Delta R.T.: -0.008 min
Response: 105202
Conc: 0.99 ug/ml

Instrument :
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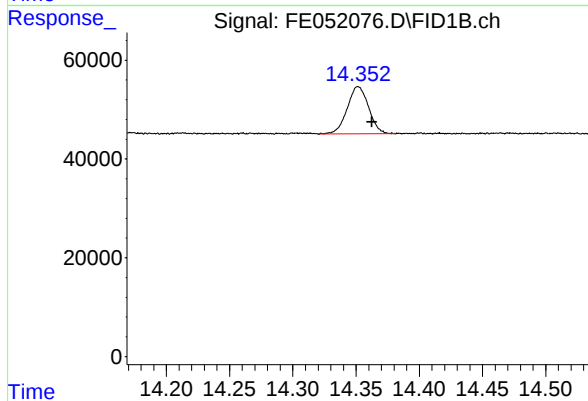
#6 N-OCTADECANE

R.T.: 11.859 min
Delta R.T.: -0.010 min
Response: 110841
Conc: 0.99 ug/ml



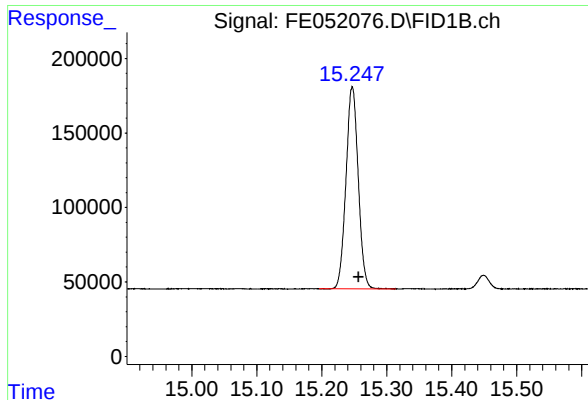
#7 N-EICOSANE

R.T.: 13.161 min
Delta R.T.: -0.010 min
Response: 117666
Conc: 1.06 ug/ml



#8 N-DOCOSANE

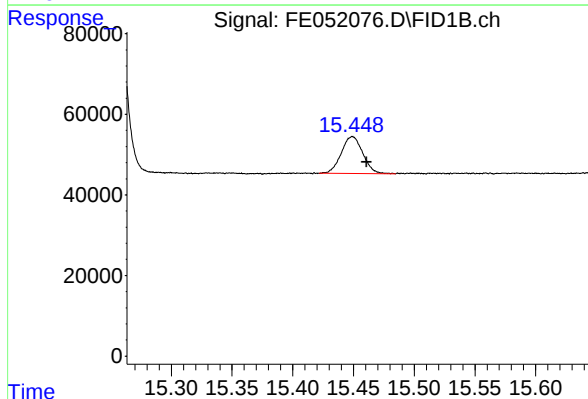
R.T.: 14.352 min
Delta R.T.: -0.011 min
Response: 112816
Conc: 1.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

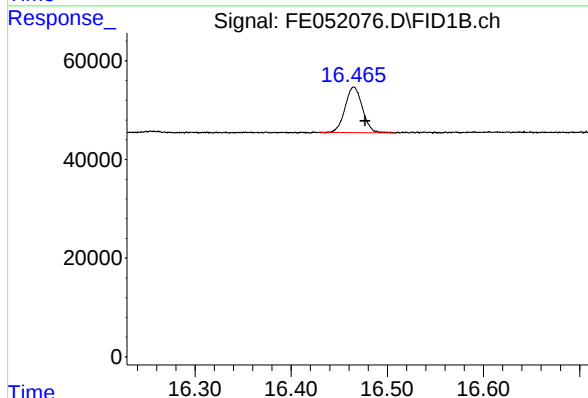
R.T.: 15.247 min
Delta R.T.: -0.010 min
Response: 1779399
Conc: 17.87 ug/ml

Instrument :
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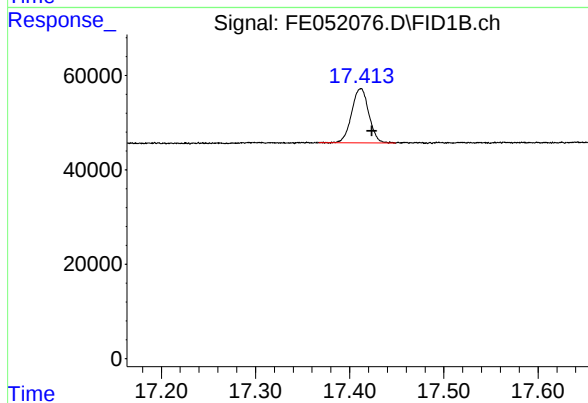
#10 N-TETRACOSANE

R.T.: 15.449 min
Delta R.T.: -0.012 min
Response: 112791
Conc: 1.02 ug/ml



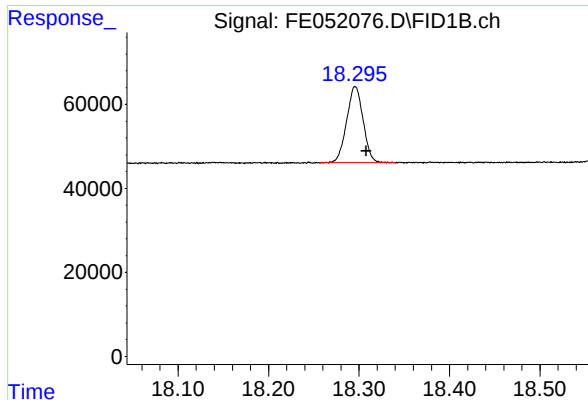
#11 N-HEXACOSANE

R.T.: 16.465 min
Delta R.T.: -0.012 min
Response: 115346
Conc: 1.06 ug/ml



#12 N-OCTACOSANE

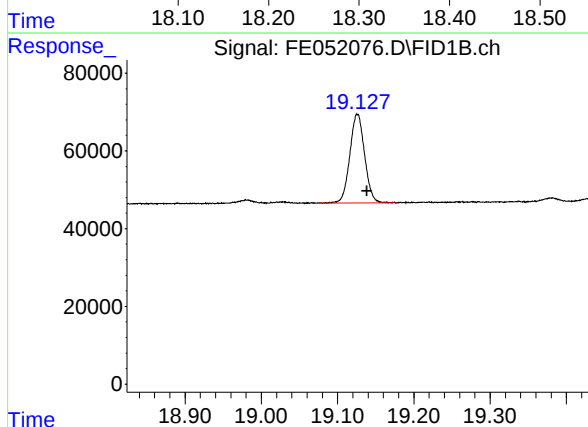
R.T.: 17.412 min
Delta R.T.: -0.012 min
Response: 145633
Conc: 1.35 ug/ml



#13 N-TRIACONTANE

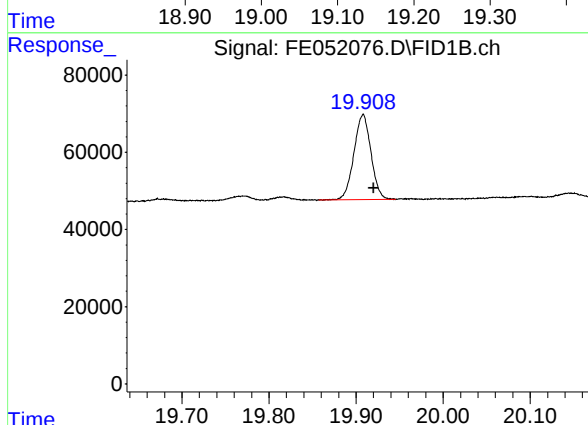
R.T.: 18.296 min
Delta R.T.: -0.012 min
Response: 229537
Conc: 2.14 ug/ml

Instrument :
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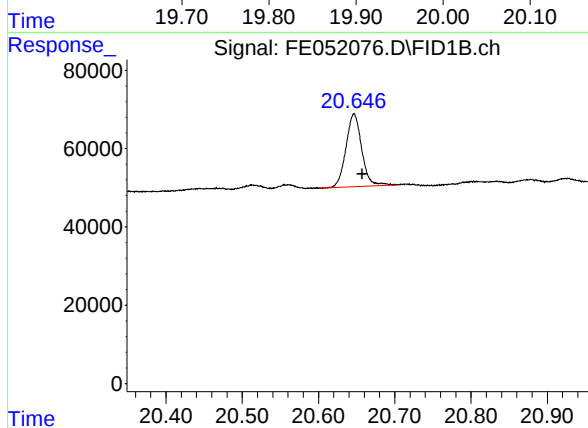
#14 N-DOTRIACONTANE

R.T.: 19.126 min
Delta R.T.: -0.013 min
Response: 307641
Conc: 2.95 ug/ml



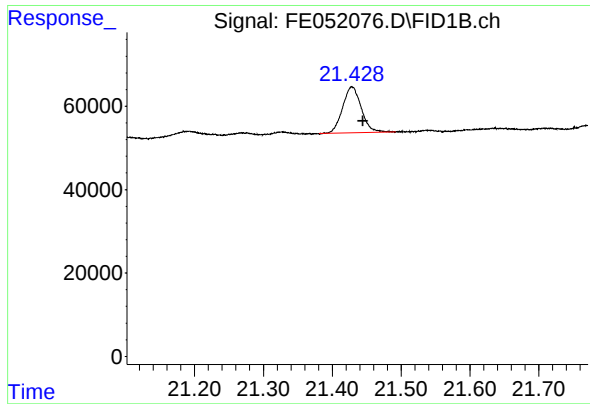
#15 N-TETRATRIACONTANE

R.T.: 19.908 min
Delta R.T.: -0.012 min
Response: 300360
Conc: 3.20 ug/ml



#16 N-HEXATRIACONTANE

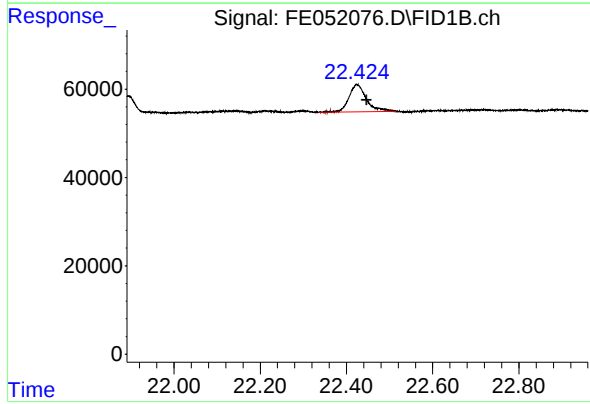
R.T.: 20.647 min
Delta R.T.: -0.011 min
Response: 266781
Conc: 3.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.429 min
Delta R.T.: -0.016 min
Response: 208674
Conc: 2.80 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.424 min
Delta R.T.: -0.023 min
Response: 174063
Conc: 2.36 ug/ml