

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424\
 Data File : FE050639.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2024 14:50
 Operator : YP\AJ
 Sample : P4368-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-06-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 03:04:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.944	2402338	17.240 ug/ml
Target Compounds			
1) N-OCTANE	1.989	139983	0.935 ug/ml
2) N-DECANE	4.499	157567	1.019 ug/mlm
3) N-DODECANE	6.667	131029	0.845 ug/ml
4) N-TETRADECANE	8.495	144401	0.919 ug/mlm
5) N-HEXADECANE	10.102	154651	0.984 ug/mlm
6) N-OCTADECANE	11.542	153239	0.956 ug/ml
7) N-EICOSANE	12.849	164497	1.017 ug/ml
8) N-DOCOSANE	14.045	167533	1.069 ug/ml
10) N-TETRACOSANE	15.146	170387	1.086 ug/ml
11) N-HEXACOSANE	16.166	172509	1.094 ug/ml
12) N-OCTACOSANE	17.114	203863	1.276 ug/ml
13) N-TRIACONTANE	18.002	261752	1.555 ug/ml
14) N-DOTRIACONTANE	18.834	273076	1.571 ug/ml
15) N-TETRATRIACONTANE	19.617	196864	1.111 ug/ml
16) N-HEXATRIACONTANE	20.357	183965	1.076 ug/mlm
17) N-OCTATRIACONTANE	21.081	191741	1.139 ug/mlm
18) N-TETRACONTANE	21.964	175778	1.142 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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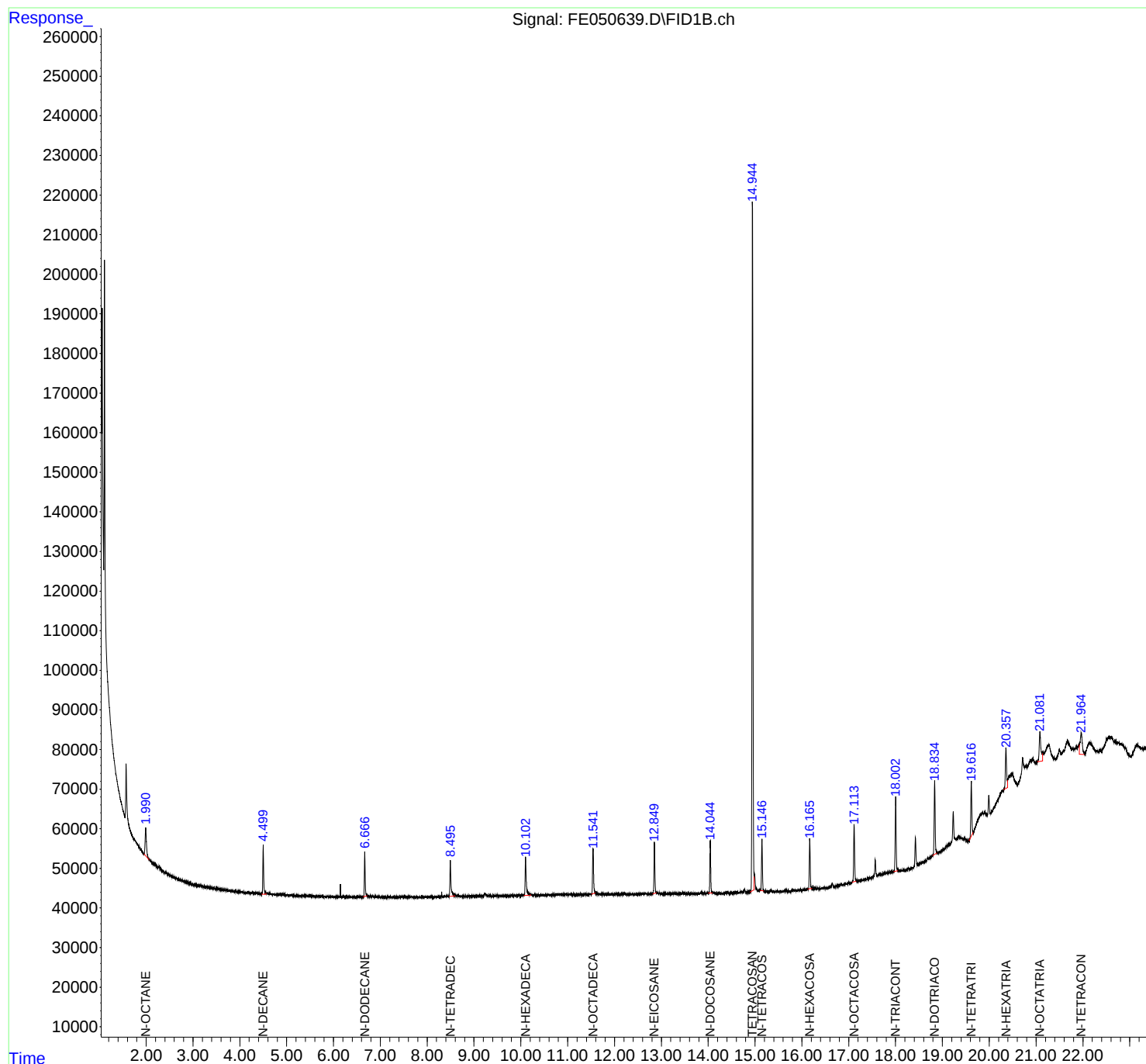
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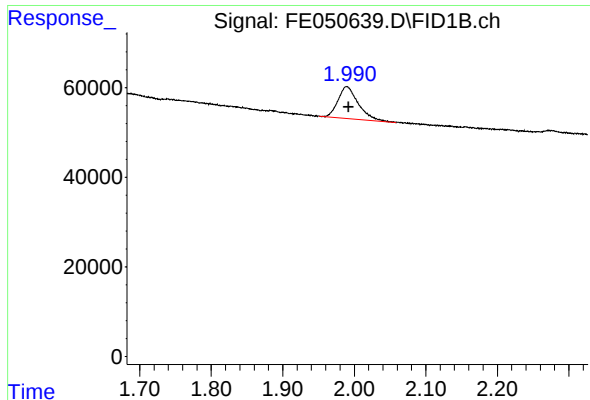
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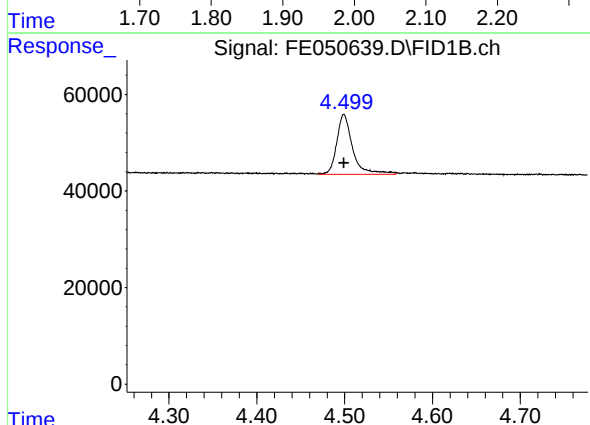
#1 N-OCTANE

R.T.: 1.989 min
Delta R.T.: -0.003 min
Response: 139983
Conc: 0.93 ug/ml

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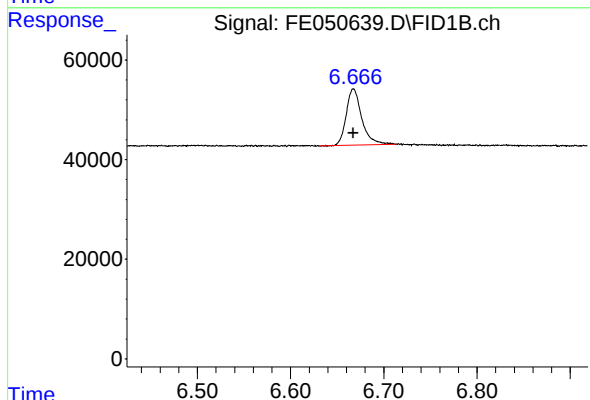
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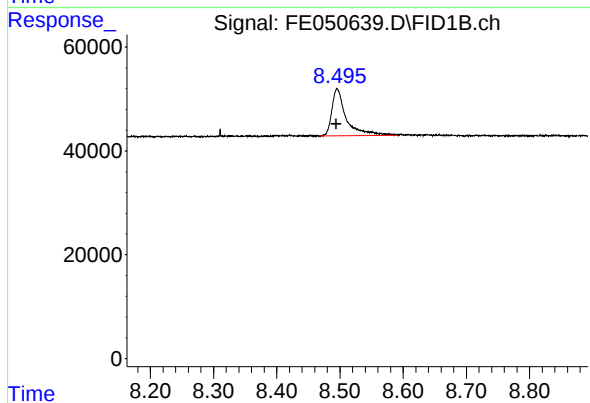
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 157567
Conc: 1.02 ug/ml m



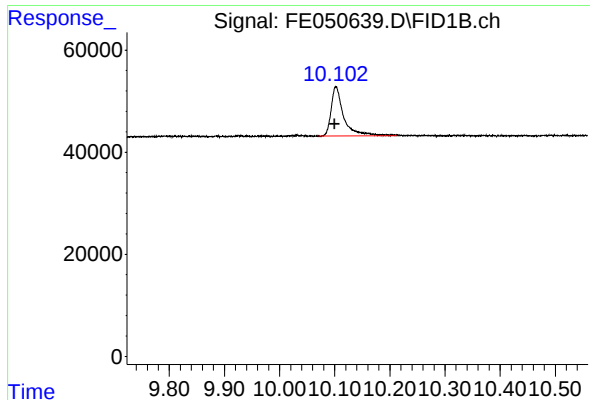
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 131029
Conc: 0.84 ug/ml



#4 N-TETRADECANE

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 144401
Conc: 0.92 ug/ml m



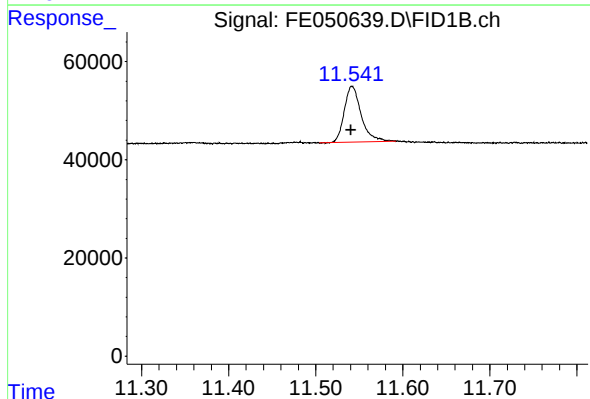
#5 N-HEXADECANE

R.T.: 10.102 min
Delta R.T.: 0.001 min
Response: 154651
Conc: 0.98 ug/ml

Instrument :
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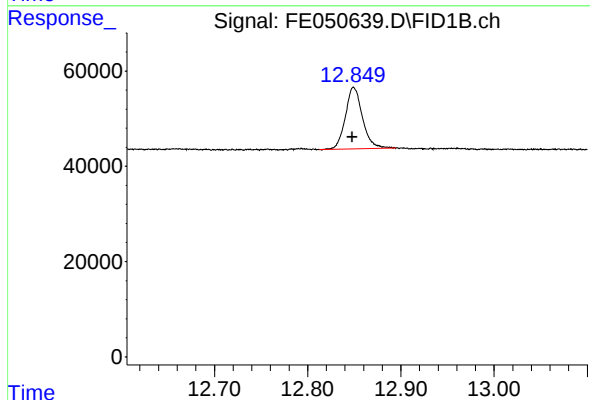
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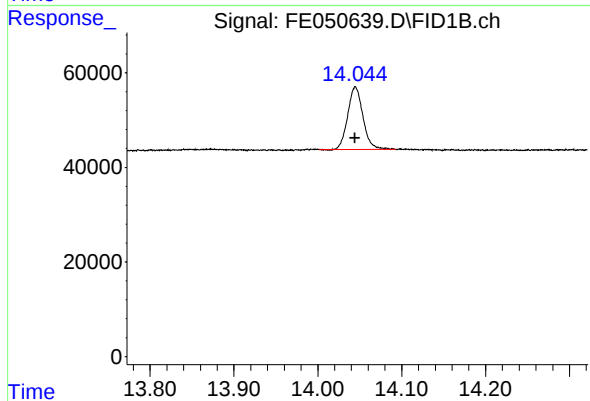
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: 0.001 min
Response: 153239
Conc: 0.96 ug/ml



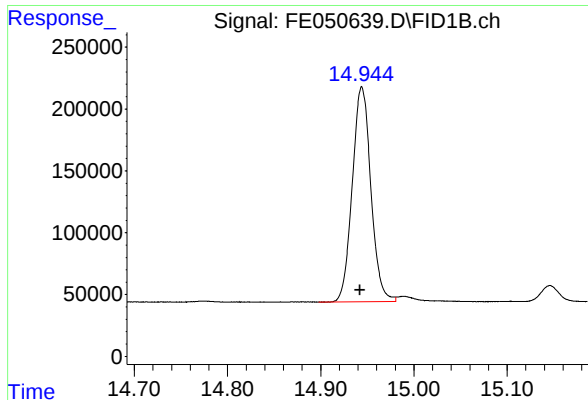
#7 N-EICOSANE

R.T.: 12.849 min
Delta R.T.: 0.001 min
Response: 164497
Conc: 1.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.045 min
Delta R.T.: 0.000 min
Response: 167533
Conc: 1.07 ug/ml



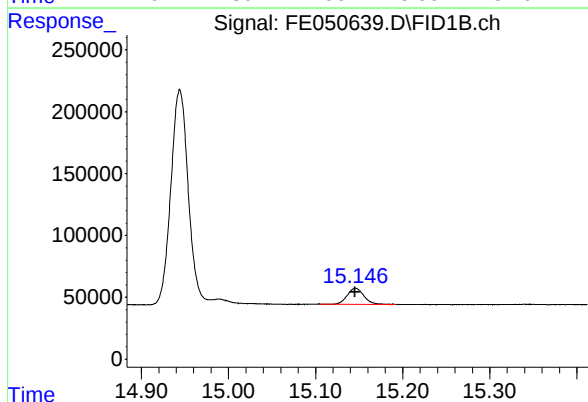
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.944 min
Delta R.T.: 0.002 min
Response: 2402338
Conc: 17.24 ug/ml

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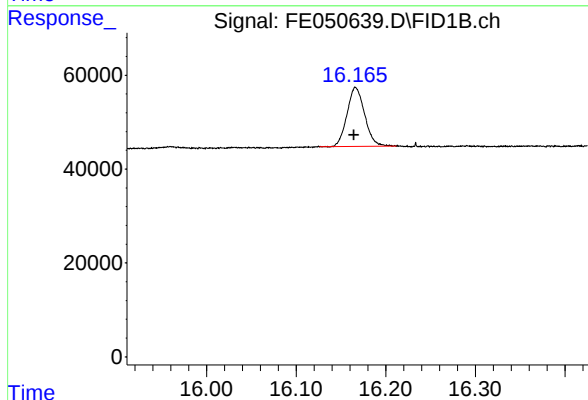
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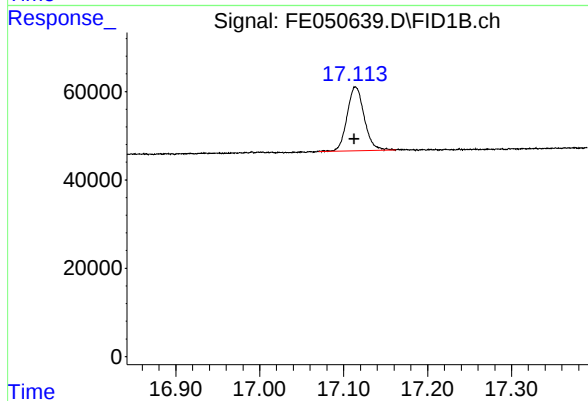
#10 N-TETRACOSANE

R.T.: 15.146 min
Delta R.T.: 0.000 min
Response: 170387
Conc: 1.09 ug/ml



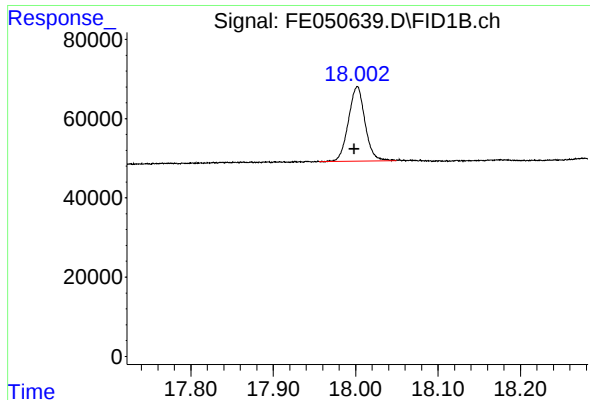
#11 N-HEXACOSANE

R.T.: 16.166 min
Delta R.T.: 0.002 min
Response: 172509
Conc: 1.09 ug/ml



#12 N-OCTACOSANE

R.T.: 17.114 min
Delta R.T.: 0.002 min
Response: 203863
Conc: 1.28 ug/ml



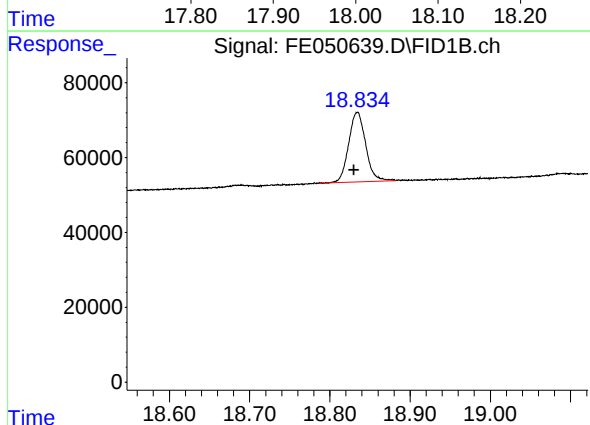
#13 N-TRIACONTANE

R.T.: 18.002 min
Delta R.T.: 0.004 min
Response: 261752
Conc: 1.55 ug/ml

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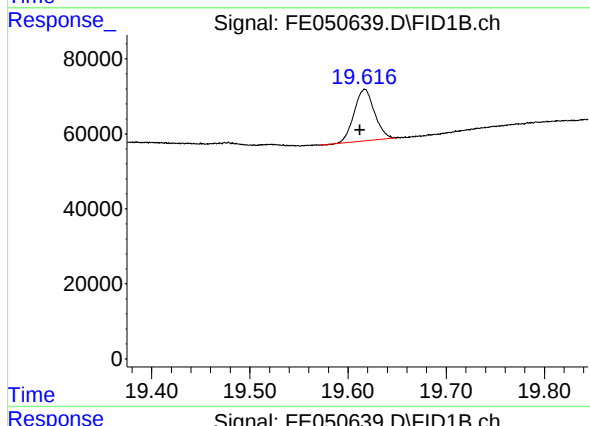
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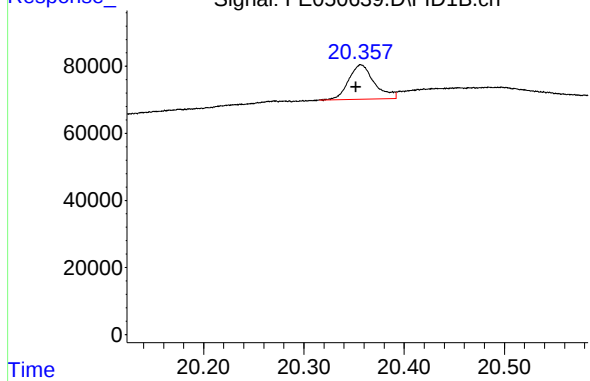
#14 N-DOTRIACONTANE

R.T.: 18.834 min
Delta R.T.: 0.004 min
Response: 273076
Conc: 1.57 ug/ml



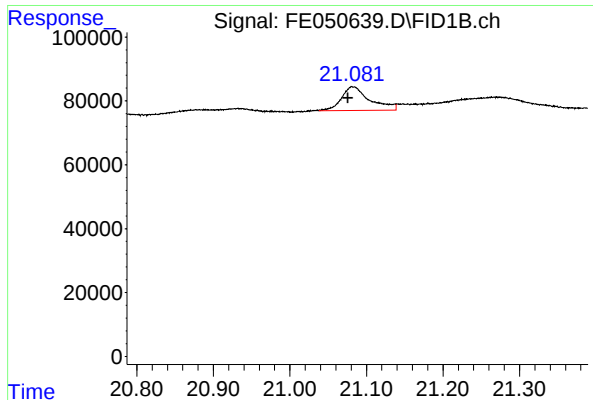
#15 N-TETRATRIACONTANE

R.T.: 19.617 min
Delta R.T.: 0.005 min
Response: 196864
Conc: 1.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.357 min
Delta R.T.: 0.005 min
Response: 183965
Conc: 1.08 ug/ml m



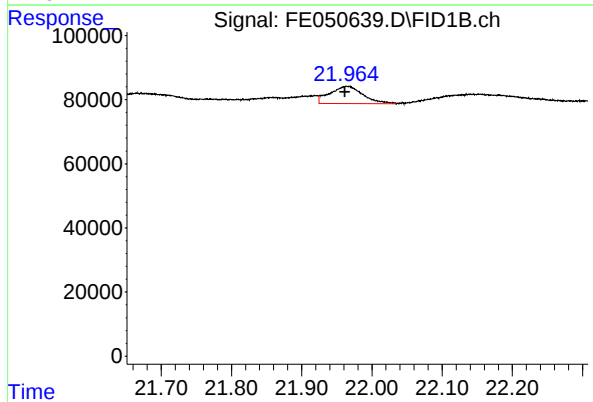
#17 N-OCTATRIACONTANE

R.T.: 21.081 min
Delta R.T.: 0.005 min
Response: 191741
Conc: 1.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.964 min
Delta R.T.: 0.002 min
Response: 175778
Conc: 1.14 ug/ml m