

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623\
 Data File : FE041192.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 13:18
 Operator : YP\AJ
 Sample : 02213-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 03:15:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 2023
 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...	14.938	2136577	16.787 ug/ml
Target Compounds			
1) N-OCTANE	1.990	285395	1.906 ug/ml
2) N-DECANE	4.491	279272	1.883 ug/ml
3) N-DODECANE	6.657	286704	1.890 ug/ml
4) N-TETRADECANE	8.482	303805	1.991 ug/ml
5) N-HEXADECANE	10.089	316585	2.055 ug/ml
6) N-OCTADECANE	11.530	333871	2.183 ug/ml
7) N-EICOSANE	12.839	327411	2.171 ug/ml
8) N-DOCOSANE	14.037	326009	2.255 ug/ml
10) N-TETRACOSANE	15.142	322569	2.259 ug/ml
11) N-HEXACOSANE	16.163	311017	2.236 ug/ml
12) N-OCTACOSANE	17.115	310423	2.260 ug/ml
13) N-TRIACONTANE	18.003	318529	2.332 ug/ml
14) N-DOTRIACONTANE	18.838	340789	2.557 ug/ml
15) N-TETRATRIACONTANE	19.622	358028	2.828 ug/ml
16) N-HEXATRIACONTANE	20.364	374243	3.100 ug/mlm
17) N-OCTATRIACONTANE	21.088	411258	3.326 ug/ml
18) N-TETRACONTANE	21.969	431726	3.319 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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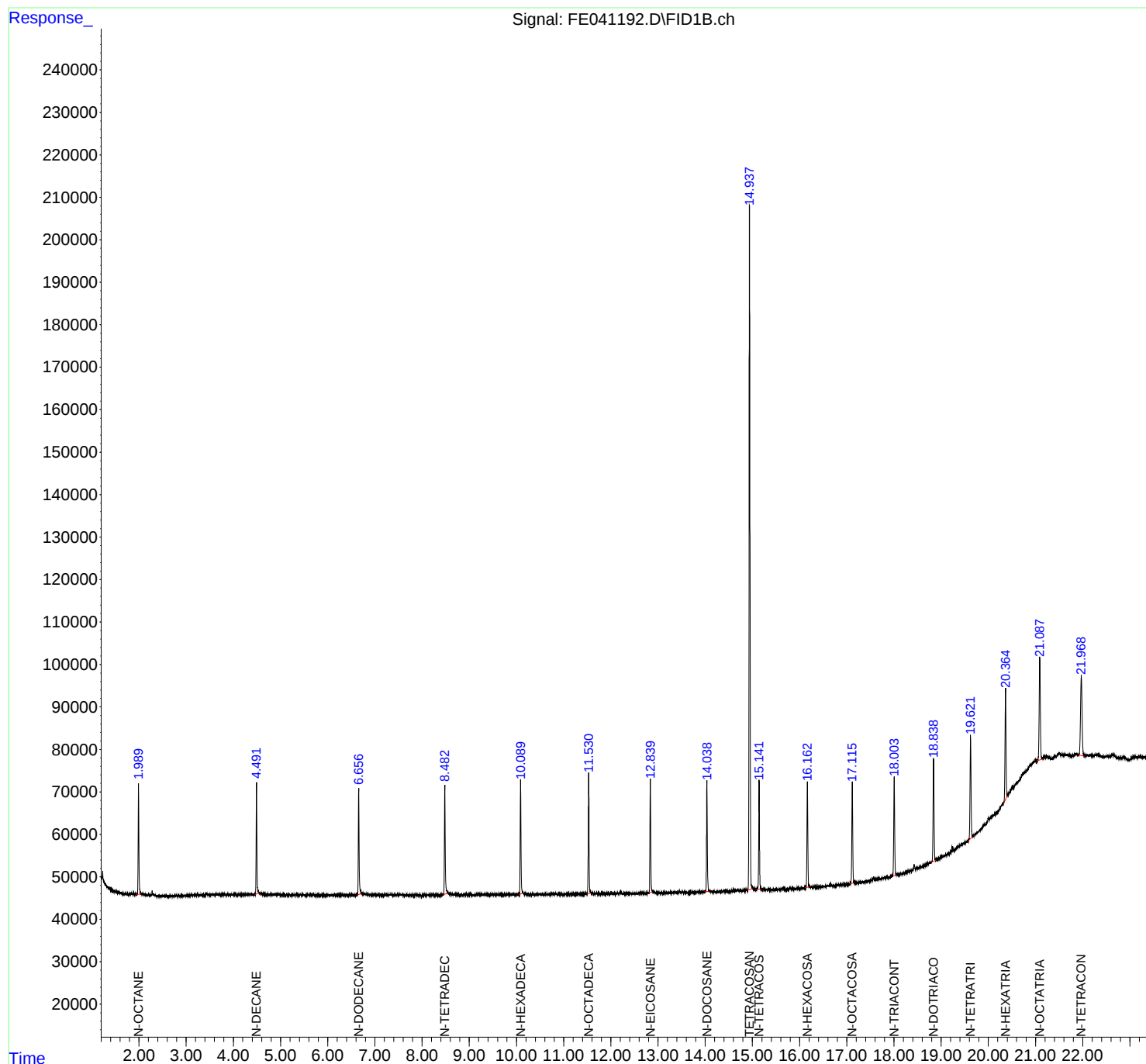
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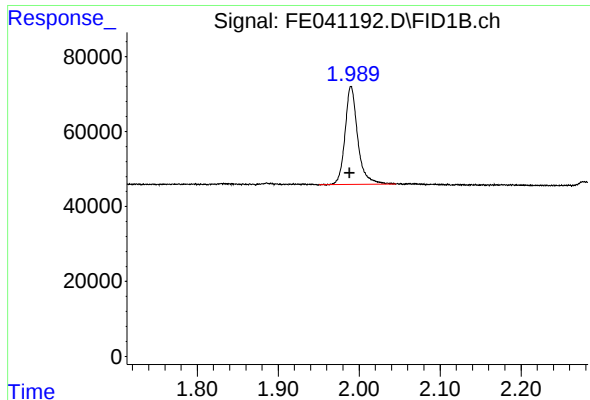
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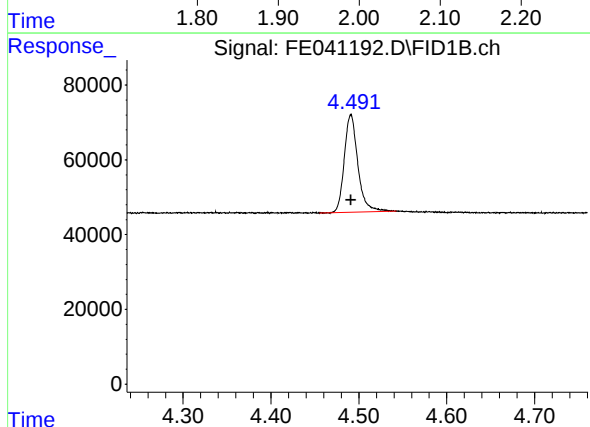
#1 N-OCTANE

R.T.: 1.990 min
Delta R.T.: 0.002 min
Response: 285395
Conc: 1.91 ug/ml

Instrument :
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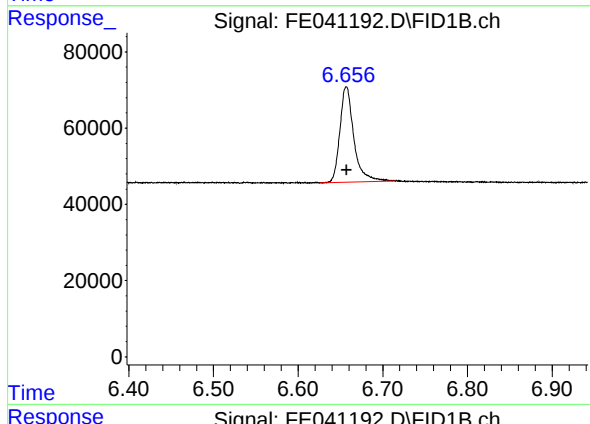
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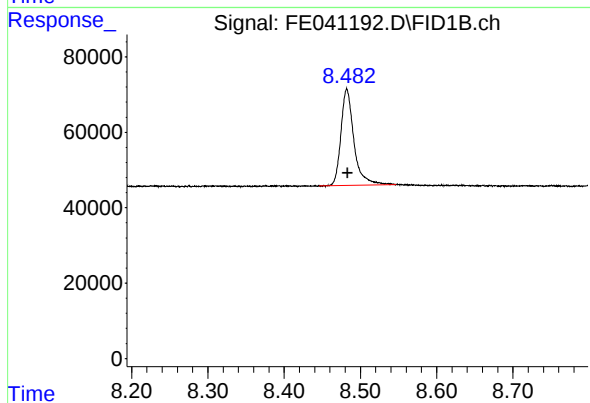
#2 N-DECANE

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 279272
Conc: 1.88 ug/ml



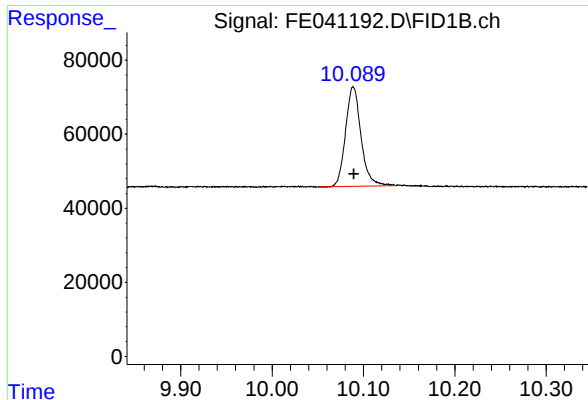
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 286704
Conc: 1.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 303805
Conc: 1.99 ug/ml



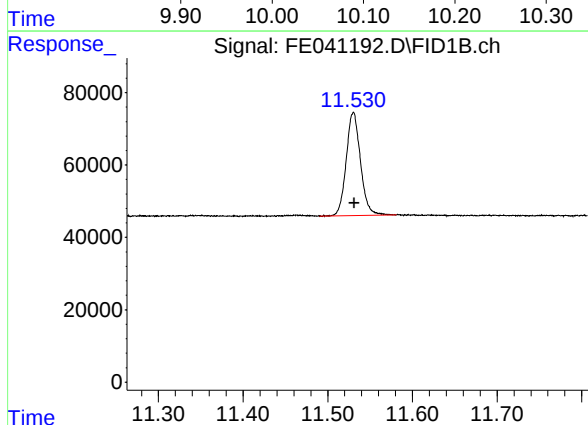
#5 N-HEXADECANE

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 316585
Conc: 2.06 ug/ml

Instrument :
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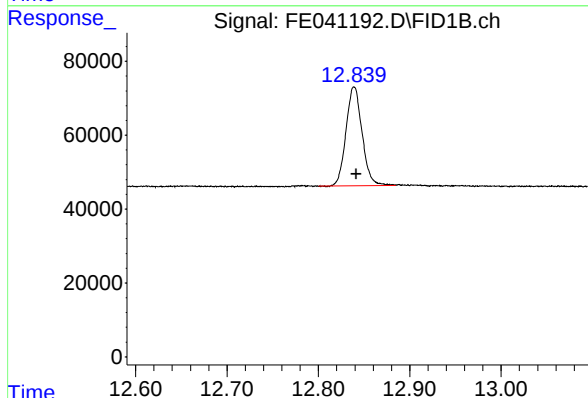
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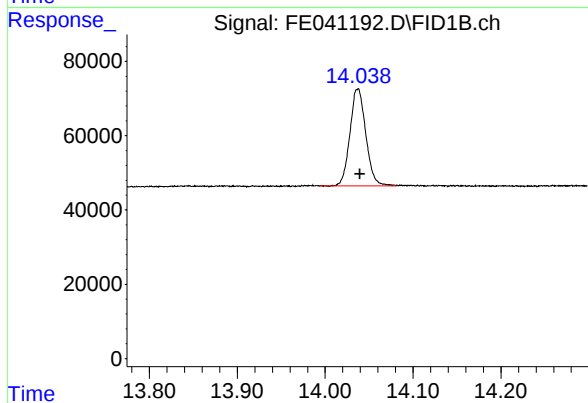
#6 N-OCTADECANE

R.T.: 11.530 min
Delta R.T.: -0.001 min
Response: 333871
Conc: 2.18 ug/ml



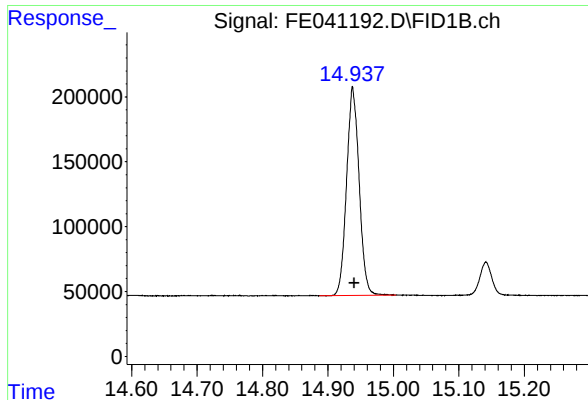
#7 N-EICOSANE

R.T.: 12.839 min
Delta R.T.: -0.002 min
Response: 327411
Conc: 2.17 ug/ml



#8 N-DOCOSANE

R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 326009
Conc: 2.25 ug/ml



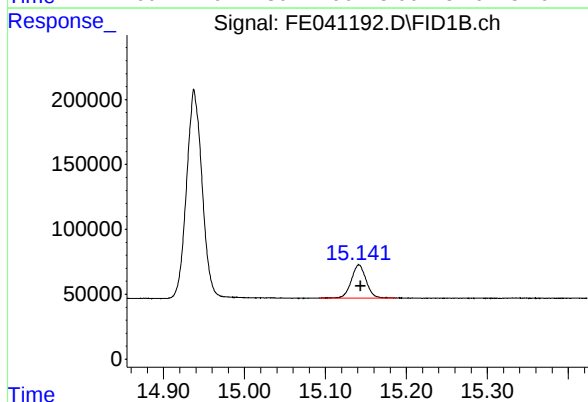
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.938 min
Delta R.T.: -0.003 min
Response: 2136577
Conc: 16.79 ug/ml

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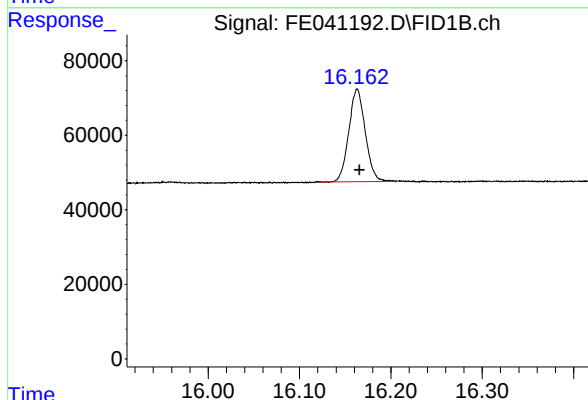
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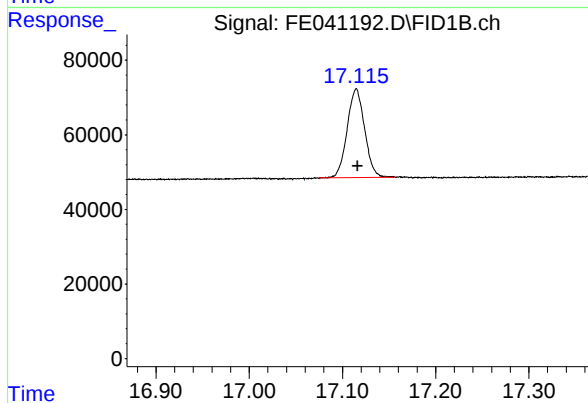
#10 N-TETRACOSANE

R.T.: 15.142 min
Delta R.T.: -0.002 min
Response: 322569
Conc: 2.26 ug/ml



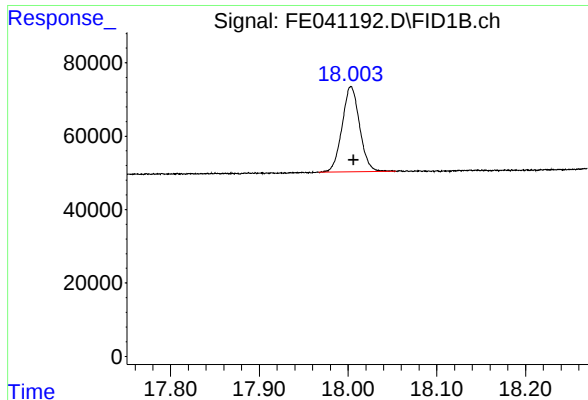
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.003 min
Response: 311017
Conc: 2.24 ug/ml



#12 N-OCTACOSANE

R.T.: 17.115 min
Delta R.T.: -0.002 min
Response: 310423
Conc: 2.26 ug/ml



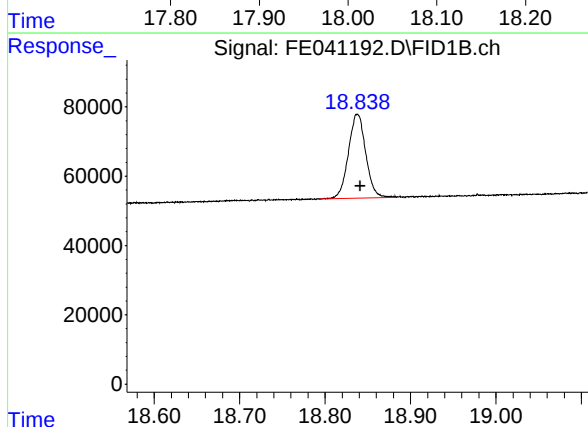
#13 N-TRIACONTANE

R.T.: 18.003 min
Delta R.T.: -0.003 min
Response: 318529
Conc: 2.33 ug/ml

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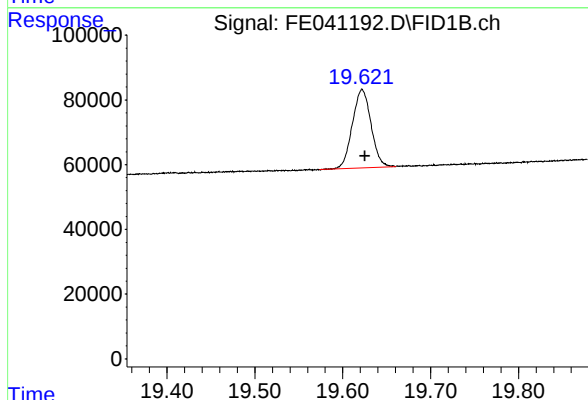
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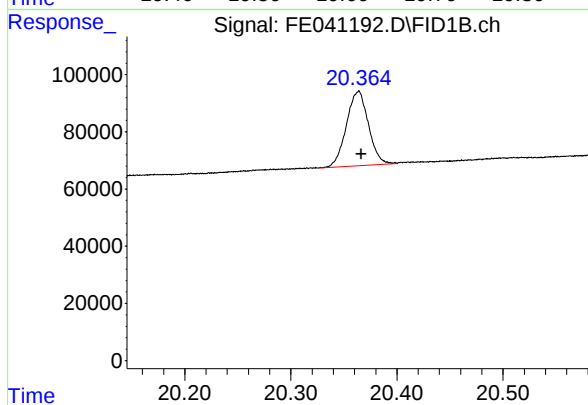
#14 N-DOTRIACONTANE

R.T.: 18.838 min
Delta R.T.: -0.004 min
Response: 340789
Conc: 2.56 ug/ml



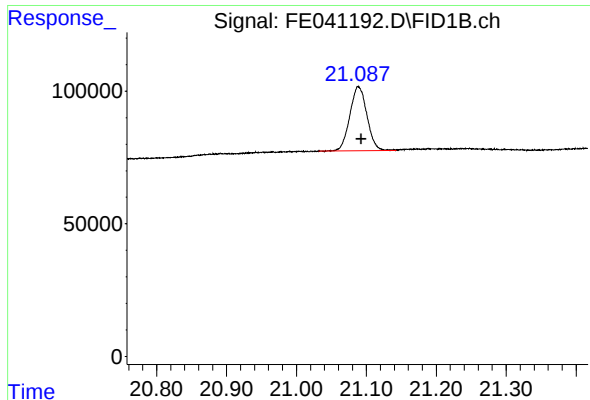
#15 N-TETRATRIACONTANE

R.T.: 19.622 min
Delta R.T.: -0.003 min
Response: 358028
Conc: 2.83 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.364 min
Delta R.T.: -0.002 min
Response: 374243
Conc: 3.10 ug/ml m



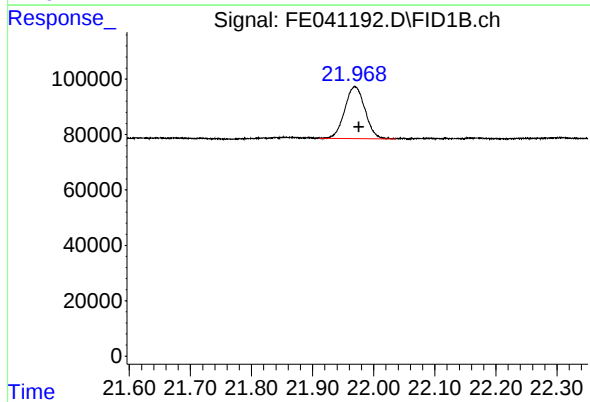
#17 N-OCTATRIACONTANE

R.T.: 21.088 min
Delta R.T.: -0.004 min
Response: 411258
Conc: 3.33 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.969 min
Delta R.T.: -0.007 min
Response: 431726
Conc: 3.32 ug/ml