

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031522\
 Data File : FE035341.D
 Signal(s) : FID1B.CH
 Acq On : 15 Mar 2022 13:36
 Operator : YP\AJ
 Sample : N1919-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e
 Quant Time: Mar 15 22:21:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Quant Title :
 QLast Update : Wed Mar 09 13:31:22 2022
 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...	14.453	2131222	23.801 ug/ml
Target Compounds			
1) N-OCTANE	2.183	1570012	13.634 ug/ml
2) N-DECANE	4.238	2161703	19.141 ug/ml
3) N-DODECANE	6.247	2420050	21.867 ug/mlm
4) N-TETRADECANE	8.034	2756887	24.087 ug/ml
5) N-HEXADECANE	9.627	2779262	24.559 ug/ml
6) N-OCTADECANE	11.061	2829889	24.946 ug/ml
7) N-EICOSANE	12.366	2706809	25.072 ug/ml
8) N-DOCOSANE	13.559	2619117	25.053 ug/ml
10) N-TETRACOSANE	14.655	2502611	24.735 ug/mlm
11) N-HEXACOSANE	15.672	2447295	25.100 ug/ml
12) N-OCTACOSANE	16.616	2418345	25.772 ug/ml
13) N-TRIACONTANE	17.501	2406213	26.565 ug/mlm
14) N-DOTRIACONTANE	18.328	2326532	26.470 ug/mlm
15) N-TETRATRIACONTANE	19.108	1994529	23.275 ug/mlm
16) N-HEXATRIACONTANE	19.844	1593750	20.167 ug/ml
17) N-OCTATRIACONTANE	20.548	1437433	20.221 ug/mlm
18) N-TETRACONTANE	21.361	1492561	21.705 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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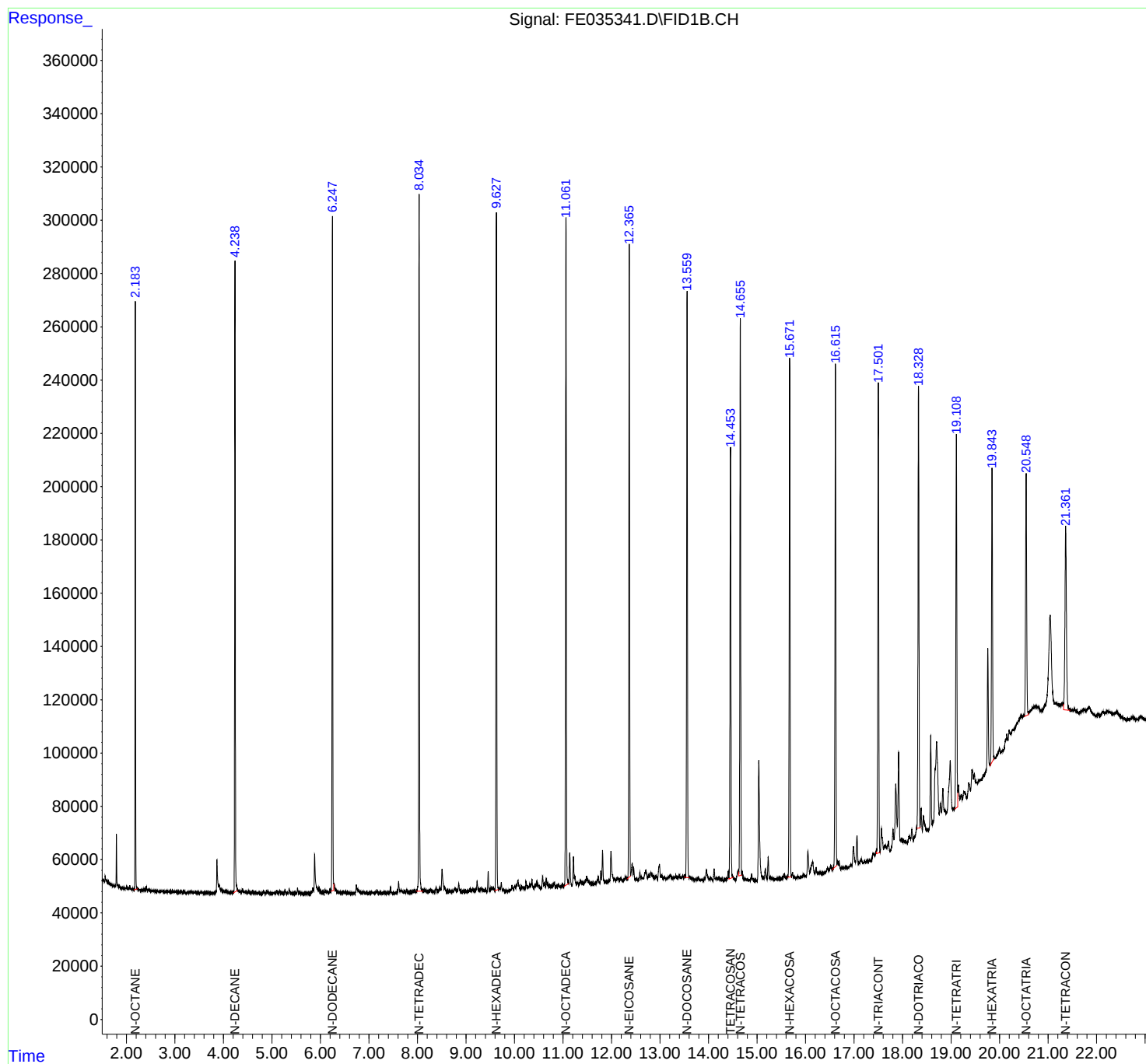
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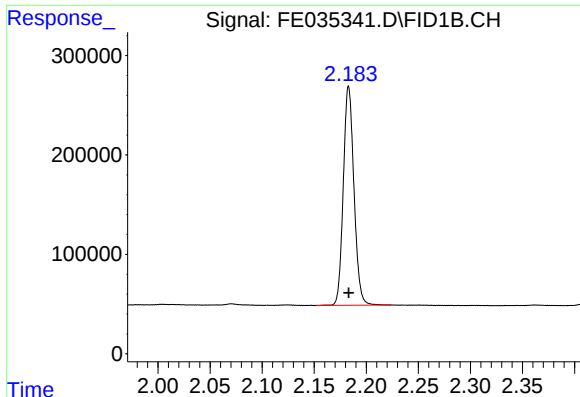
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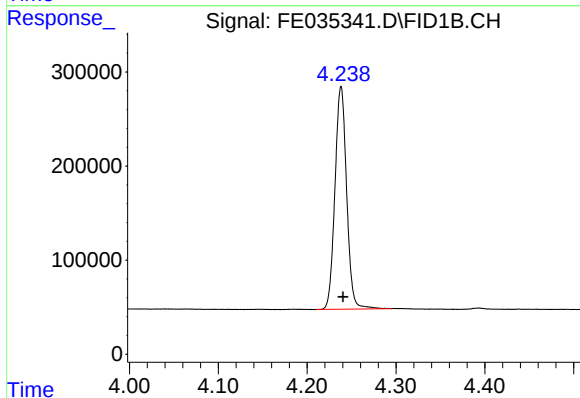
#1 N-OCTANE

R.T.: 2.183 min
Delta R.T.: 0.000 min
Response: 1570012
Conc: 13.63 ug/ml

Instrument :
FID_E
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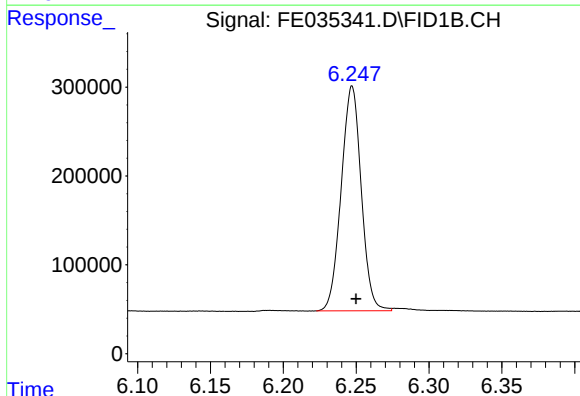
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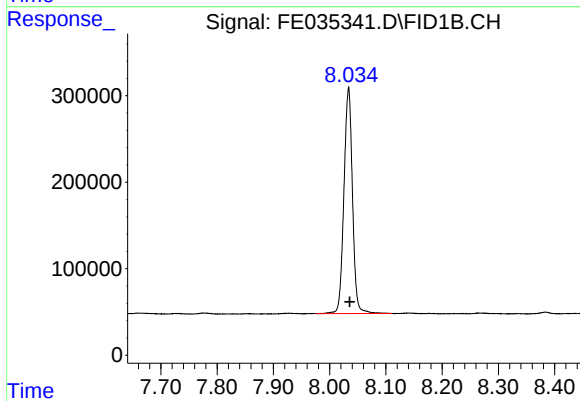
#2 N-DECANE

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 2161703
Conc: 19.14 ug/ml



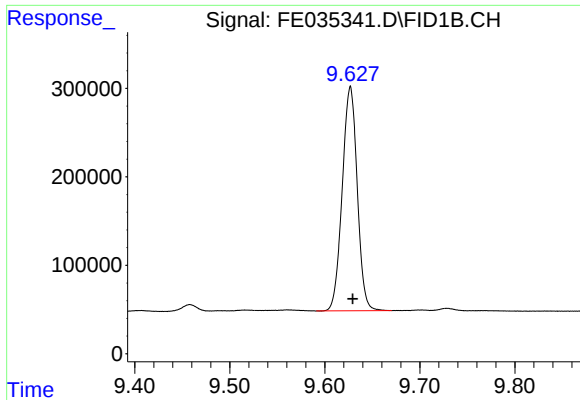
#3 N-DODECANE

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 2420050
Conc: 21.87 ug/ml m



#4 N-TETRADECANE

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 2756887
Conc: 24.09 ug/ml



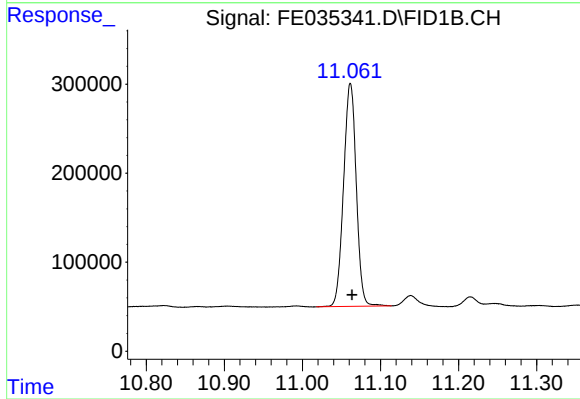
#5 N-HEXADECANE

R.T.: 9.627 min
Delta R.T.: -0.002 min
Response: 2779262
Conc: 24.56 ug/ml

Instrument :
FID_E
ClientSampleId :
WASTEMS

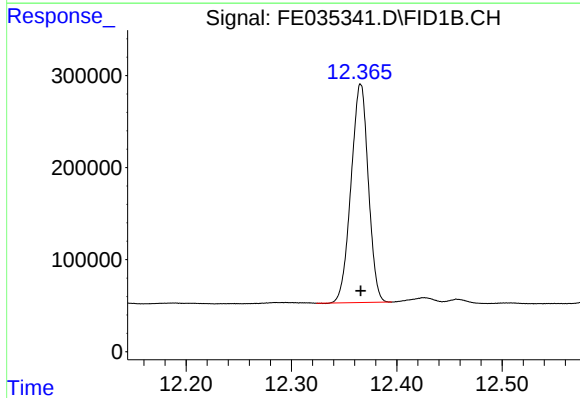
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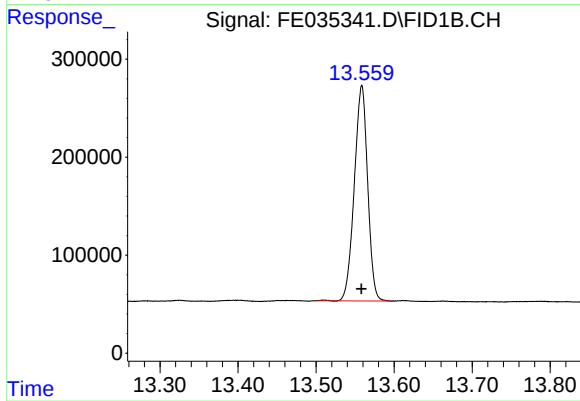
#6 N-OCTADECANE

R.T.: 11.061 min
Delta R.T.: -0.002 min
Response: 2829889
Conc: 24.95 ug/ml



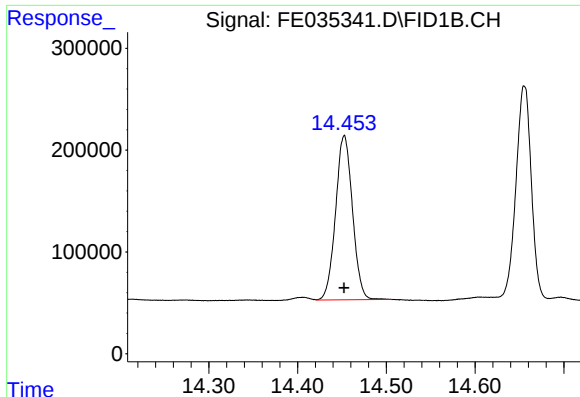
#7 N-EICOSANE

R.T.: 12.366 min
Delta R.T.: 0.000 min
Response: 2706809
Conc: 25.07 ug/ml



#8 N-DOCOSANE

R.T.: 13.559 min
Delta R.T.: 0.000 min
Response: 2619117
Conc: 25.05 ug/ml



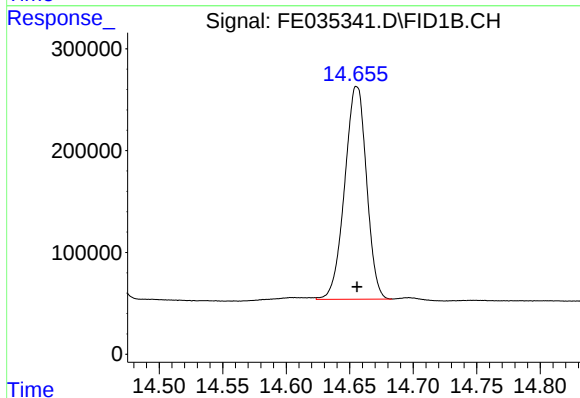
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.453 min
Delta R.T.: 0.000 min
Response: 2131222
Conc: 23.80 ug/ml

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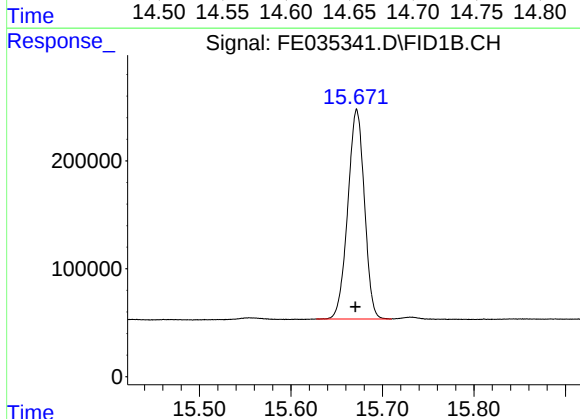
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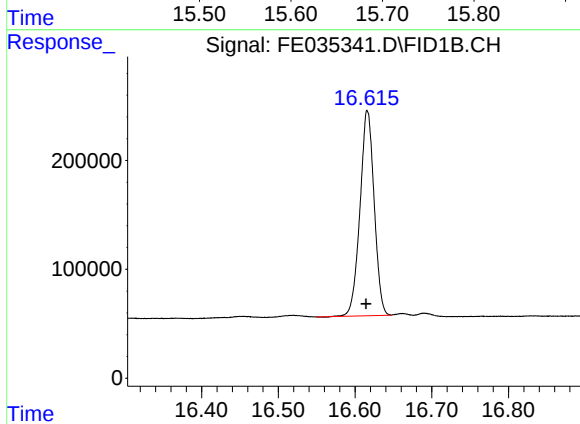
#10 N-TETRACOSANE

R.T.: 14.655 min
Delta R.T.: 0.000 min
Response: 2502611
Conc: 24.74 ug/ml m



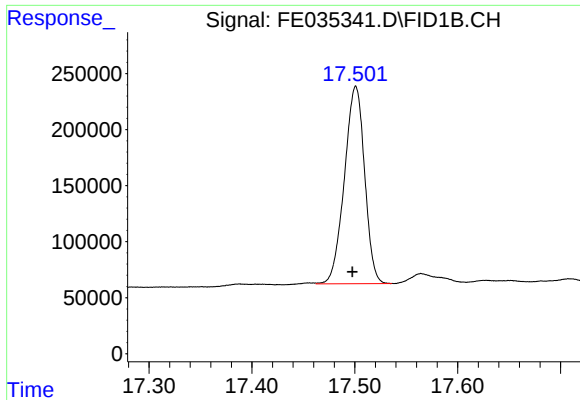
#11 N-HEXACOSANE

R.T.: 15.672 min
Delta R.T.: 0.001 min
Response: 2447295
Conc: 25.10 ug/ml



#12 N-OCTACOSANE

R.T.: 16.616 min
Delta R.T.: 0.002 min
Response: 2418345
Conc: 25.77 ug/ml



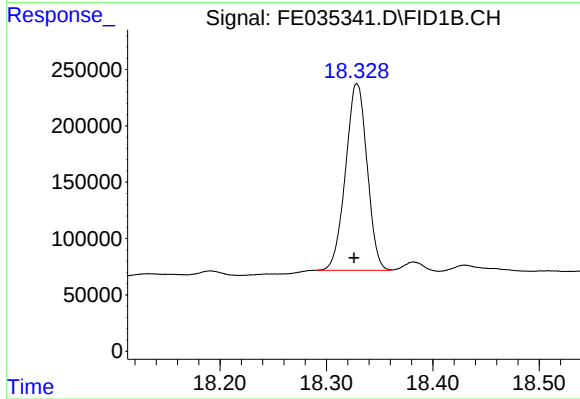
#13 N-TRIACONTANE

R.T.: 17.501 min
Delta R.T.: 0.003 min
Response: 2406213
Conc: 26.56 ug/ml

Instrument :
FID_E
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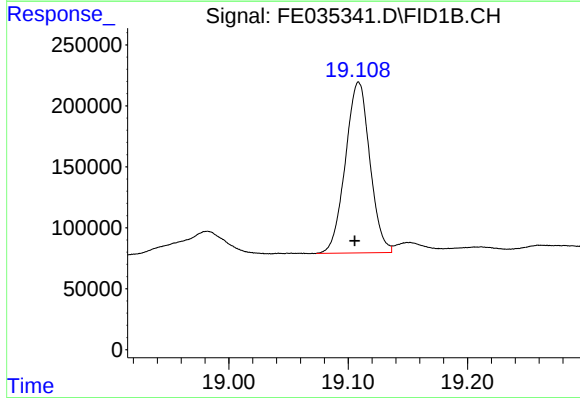
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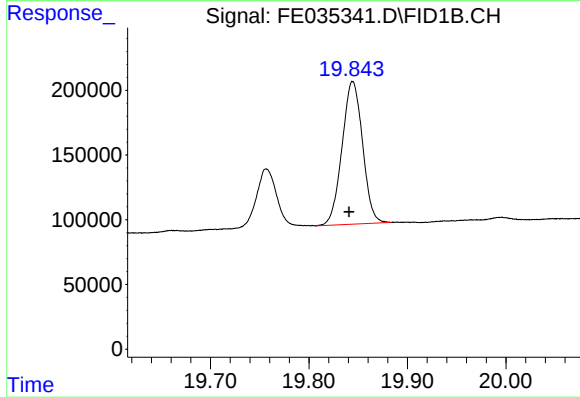
#14 N-DOTRIACONTANE

R.T.: 18.328 min
Delta R.T.: 0.002 min
Response: 2326532
Conc: 26.47 ug/ml m



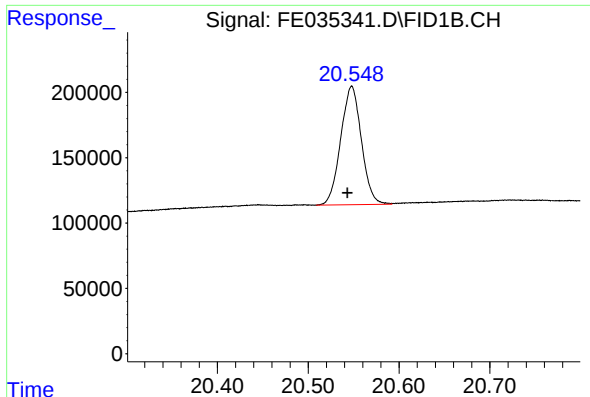
#15 N-TETRATRIACONTANE

R.T.: 19.108 min
Delta R.T.: 0.003 min
Response: 1994529
Conc: 23.28 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.844 min
Delta R.T.: 0.004 min
Response: 1593750
Conc: 20.17 ug/ml



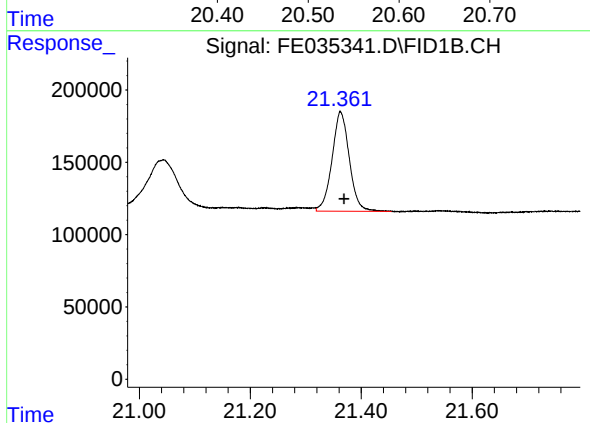
#17 N-OCTATRIACONTANE

R.T.: 20.548 min
Delta R.T.: 0.004 min
Response: 1437433
Conc: 20.22 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.361 min
Delta R.T.: -0.008 min
Response: 1492561
Conc: 21.70 ug/ml m