

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035295.D
 Signal(s) : FID1B.CH
 Acq On : 10 Mar 2022 17:26
 Operator : YP\AJ
 Sample : N1831-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 AU-06-03072022MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: autoint1.e
 Quant Time: Mar 11 08:23:02 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...	14.483	1132128	12.644 ug/mlm
Target Compounds			
1) N-OCTANE	2.186	1412075	12.262 ug/ml
2) N-DECANE	4.247	2466276	21.838 ug/ml
3) N-DODECANE	6.259	3454164	31.210 ug/ml
4) N-TETRADECANE	8.047	4079924	35.646 ug/ml
5) N-HEXADECANE	9.642	3645915	32.218 ug/ml
6) N-OCTADECANE	11.078	3266777	28.797 ug/ml
7) N-EICOSANE	12.386	3392521	31.423 ug/ml
8) N-DOCOSANE	13.593	2672908	25.567 ug/mlm
10) N-TETRACOSANE	14.684	3447296	34.073 ug/mlm
11) N-HEXACOSANE	15.698	2296631	23.555 ug/mlm
12) N-OCTACOSANE	16.642	2111495	22.502 ug/mlm
13) N-TRIACONTANE	17.527	2317039	25.580 ug/mlm
14) N-DOTRIACONTANE	18.358	2830165	32.200 ug/ml
15) N-TETRATRIACONTANE	19.140	1898297	22.152 ug/mlm
16) N-HEXATRIACONTANE	19.879	1646463	20.834 ug/mlm
17) N-OCTATRIACONTANE	20.588	1426447	20.067 ug/mlm
18) N-TETRACONTANE	21.419	1405786	20.443 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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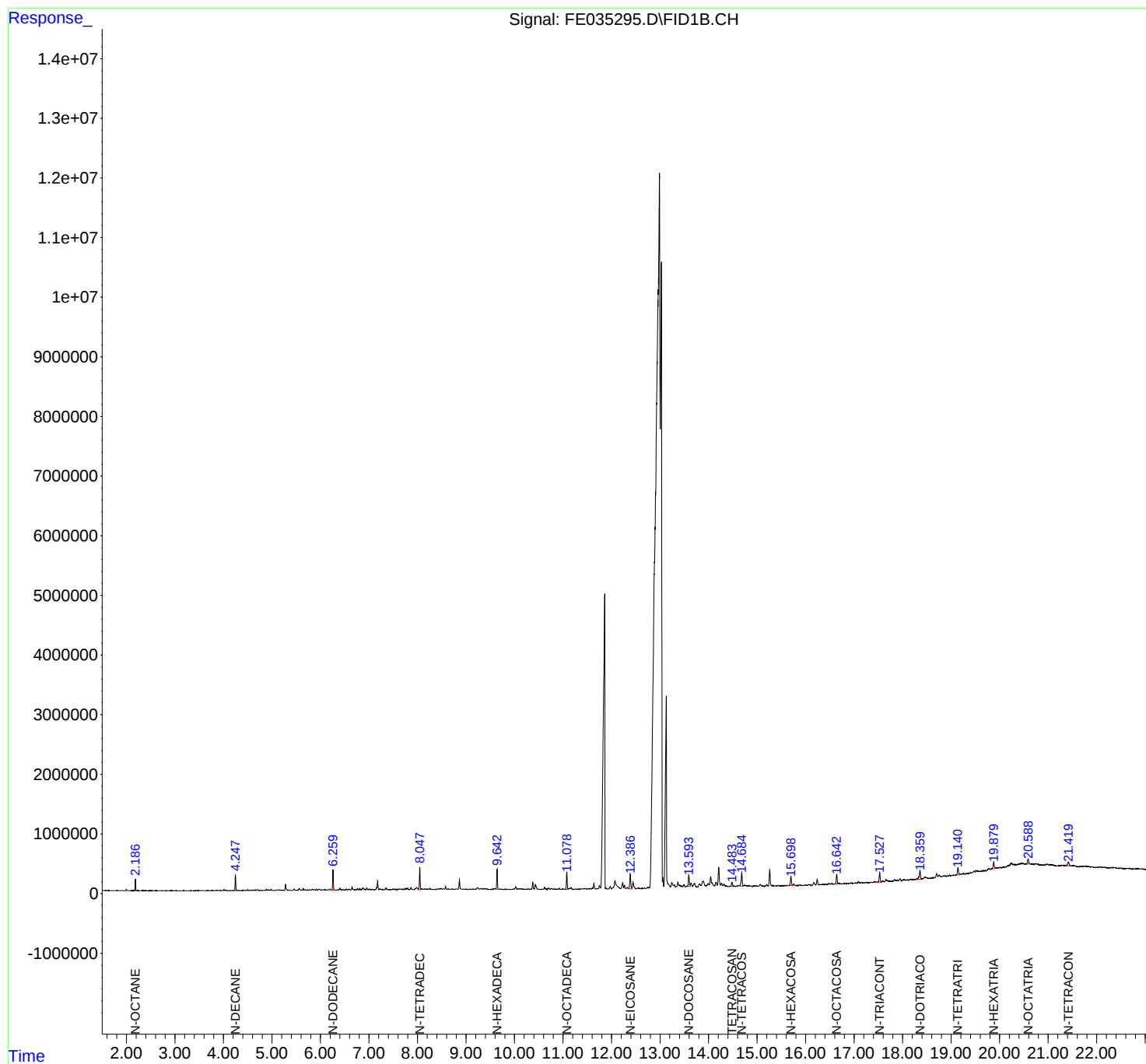
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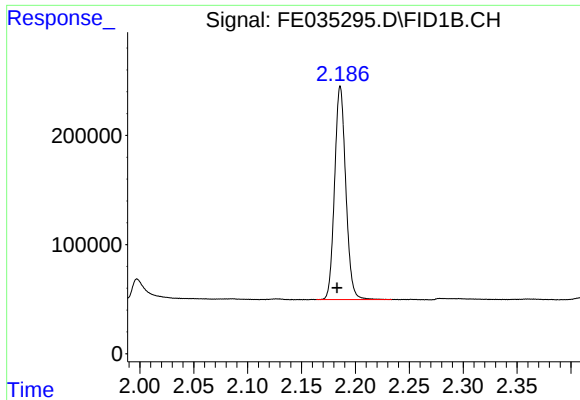
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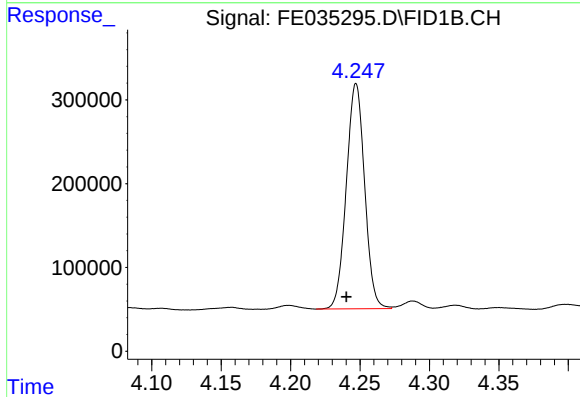
#1 N-OCTANE

R.T.: 2.186 min
Delta R.T.: 0.003 min
Response: 1412075
Conc: 12.26 ug/ml

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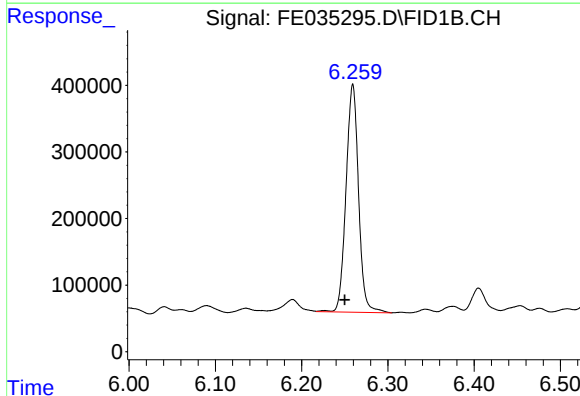
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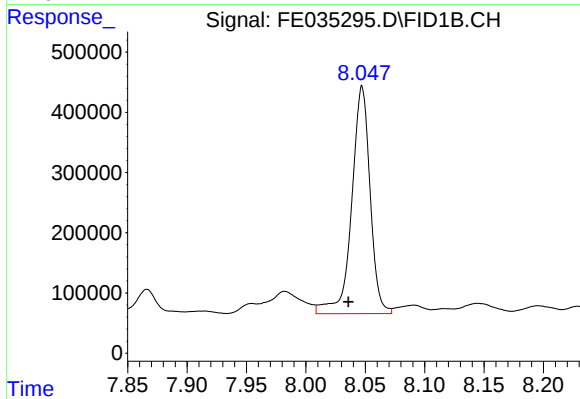
#2 N-DECANE

R.T.: 4.247 min
Delta R.T.: 0.007 min
Response: 2466276
Conc: 21.84 ug/ml



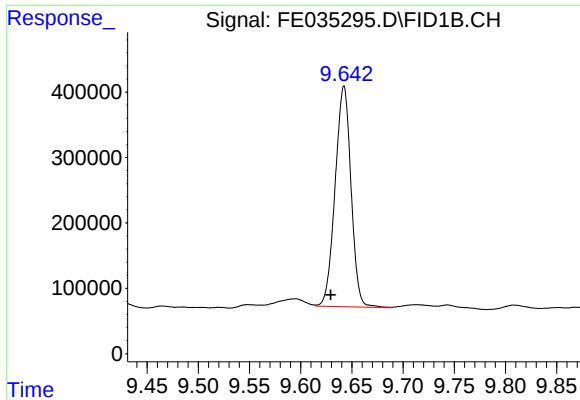
#3 N-DODECANE

R.T.: 6.259 min
Delta R.T.: 0.009 min
Response: 3454164
Conc: 31.21 ug/ml



#4 N-TETRADECANE

R.T.: 8.047 min
Delta R.T.: 0.012 min
Response: 4079924
Conc: 35.65 ug/ml



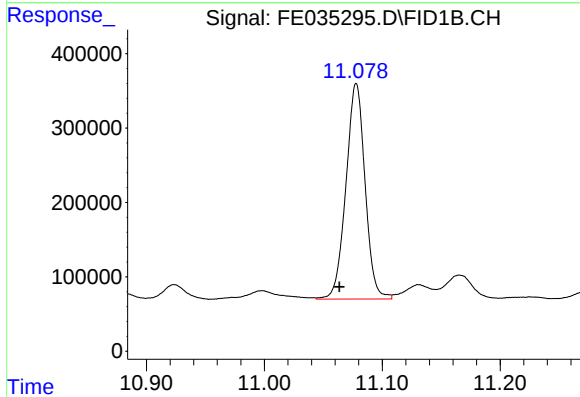
#5 N-HEXADECANE

R.T.: 9.642 min
Delta R.T.: 0.013 min
Response: 3645915
Conc: 32.22 ug/ml

Instrument :
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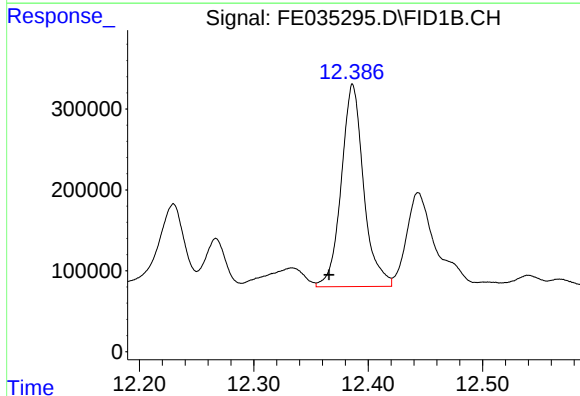
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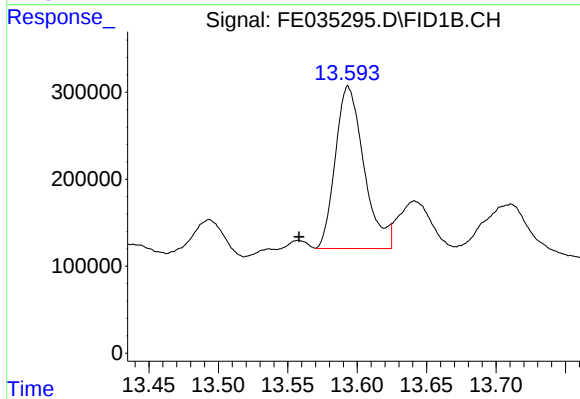
#6 N-OCTADECANE

R.T.: 11.078 min
Delta R.T.: 0.014 min
Response: 3266777
Conc: 28.80 ug/ml



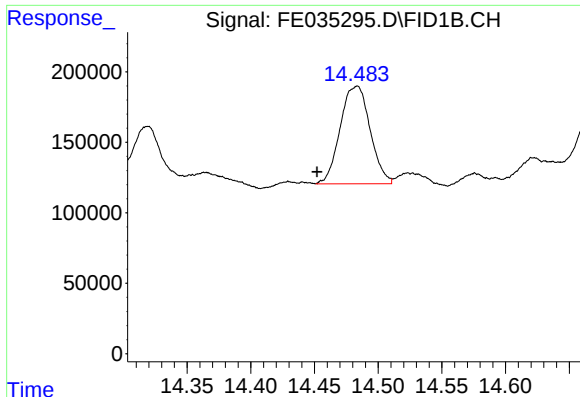
#7 N-EICOSANE

R.T.: 12.386 min
Delta R.T.: 0.021 min
Response: 3392521
Conc: 31.42 ug/ml



#8 N-DOCOSANE

R.T.: 13.593 min
Delta R.T.: 0.035 min
Response: 2672908
Conc: 25.57 ug/ml m



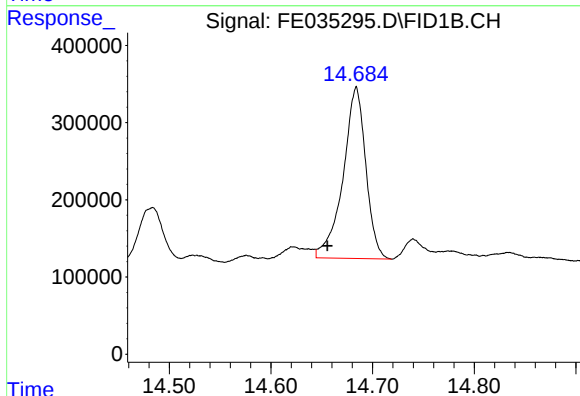
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.483 min
Delta R.T.: 0.031 min
Response: 1132128
Conc: 12.64 ug/ml

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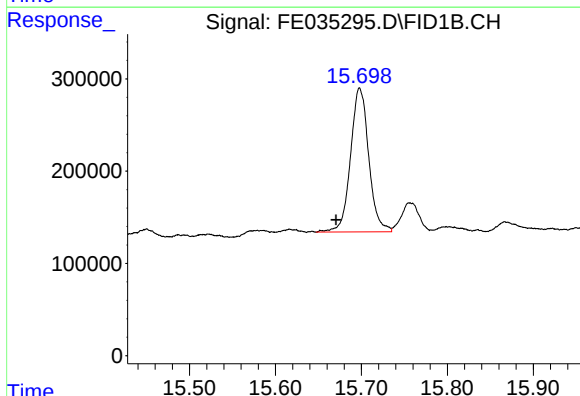
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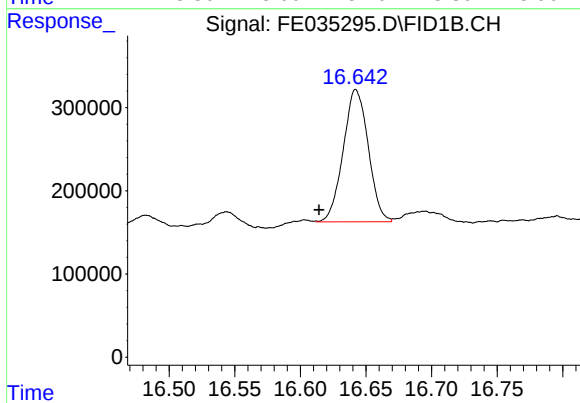
#10 N-TETRACOSANE

R.T.: 14.684 min
Delta R.T.: 0.028 min
Response: 3447296
Conc: 34.07 ug/ml m



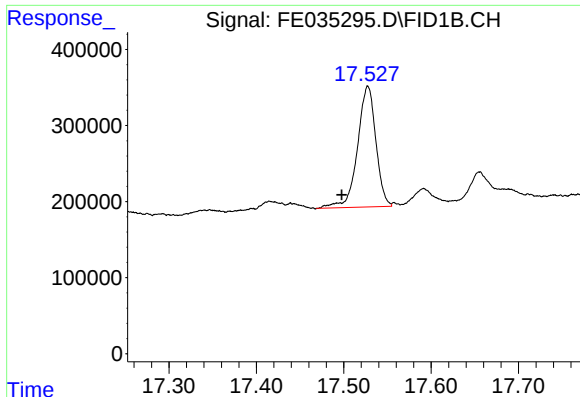
#11 N-HEXACOSANE

R.T.: 15.698 min
Delta R.T.: 0.027 min
Response: 2296631
Conc: 23.56 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.642 min
Delta R.T.: 0.028 min
Response: 2111495
Conc: 22.50 ug/ml m



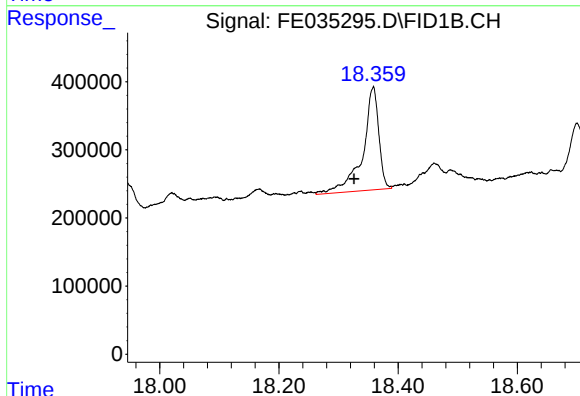
#13 N-TRIACONTANE

R.T.: 17.527 min
Delta R.T.: 0.029 min
Response: 2317039
Conc: 25.58 ug/ml

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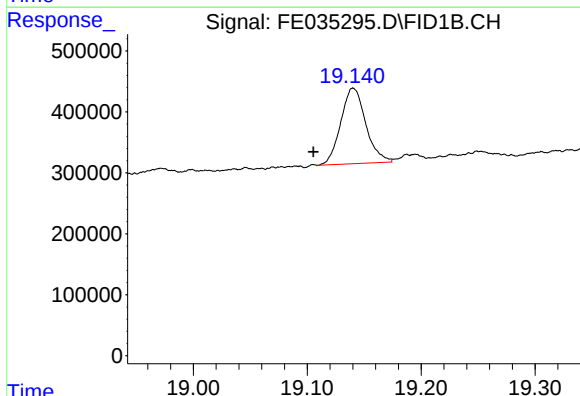
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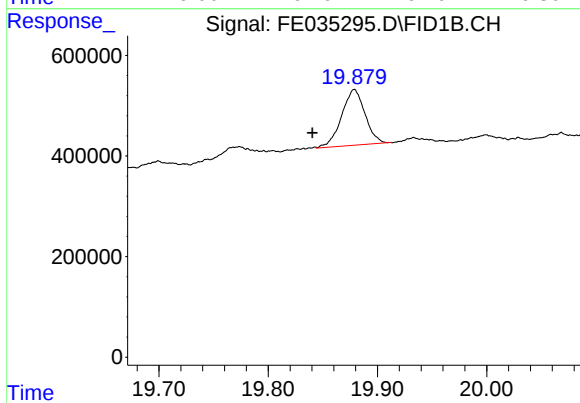
#14 N-DOTRIACONTANE

R.T.: 18.358 min
Delta R.T.: 0.032 min
Response: 2830165
Conc: 32.20 ug/ml



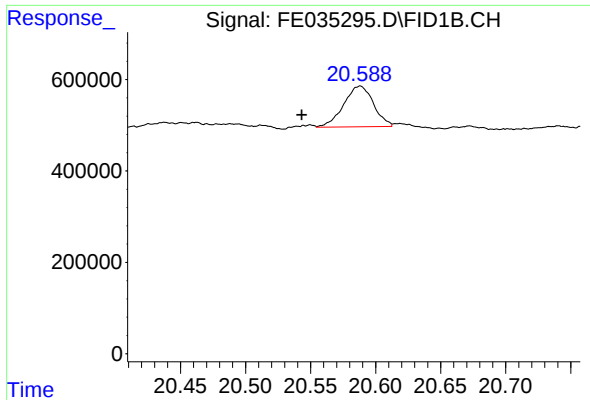
#15 N-TETRATRIACONTANE

R.T.: 19.140 min
Delta R.T.: 0.034 min
Response: 1898297
Conc: 22.15 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.879 min
Delta R.T.: 0.038 min
Response: 1646463
Conc: 20.83 ug/ml m



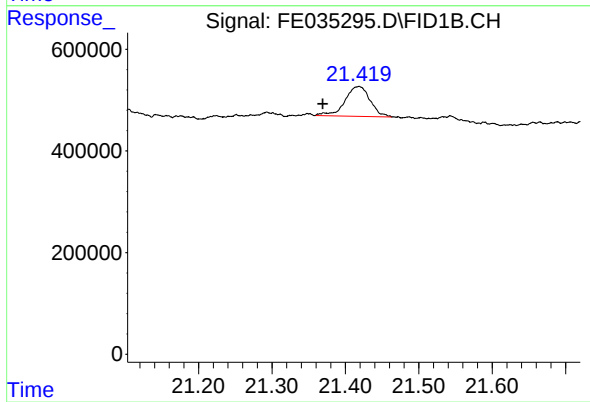
#17 N-OCTATRIACONTANE

R.T.: 20.588 min
Delta R.T.: 0.044 min
Response: 1426447
Conc: 20.07 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.419 min
Delta R.T.: 0.050 min
Response: 1405786
Conc: 20.44 ug/ml m