

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062222\
 Data File : FG009938.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2022 21:21
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2022
 Supervised By :Ankita Jodhani 06/23/2022

Integration File: autoint1.e
 Quant Time: Jun 23 01:53:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 2022
 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...	14.829	5550631	52.735 ug/ml
Target Compounds			
1) N-OCTANE	1.834	5596873	44.665 ug/ml
2) N-DECANE	4.346	6022153	47.686 ug/ml
3) N-DODECANE	6.526	6118128	48.496 ug/ml
4) N-TETRADECANE	8.357	6233301	49.057 ug/ml
5) N-HEXADECANE	9.966	6297299	49.928 ug/ml
6) N-OCTADECANE	11.412	6383647	50.578 ug/ml
7) N-EICOSANE	12.725	6299470	51.507 ug/ml
8) N-DOCOSANE	13.926	6263281	51.942 ug/ml
10) N-TETRACOSANE	15.033	6186770	52.788 ug/ml
11) N-HEXACOSANE	16.057	6108892	53.848 ug/ml
12) N-OCTACOSANE	17.010	5974855	52.213 ug/ml
13) N-TRIACONTANE	17.900	5870886	54.522 ug/ml
14) N-DOTRIACONTANE	18.737	5530846	52.545 ug/ml
15) N-TETRATRIACONTANE	19.522	4957052	51.627 ug/ml
16) N-HEXATRIACONTANE	20.263	4158433	51.455 ug/mlm
17) N-OCTATRIACONTANE	20.983	3808549	53.033 ug/mlm
18) N-TETRACONTANE	21.842	3855128	54.899 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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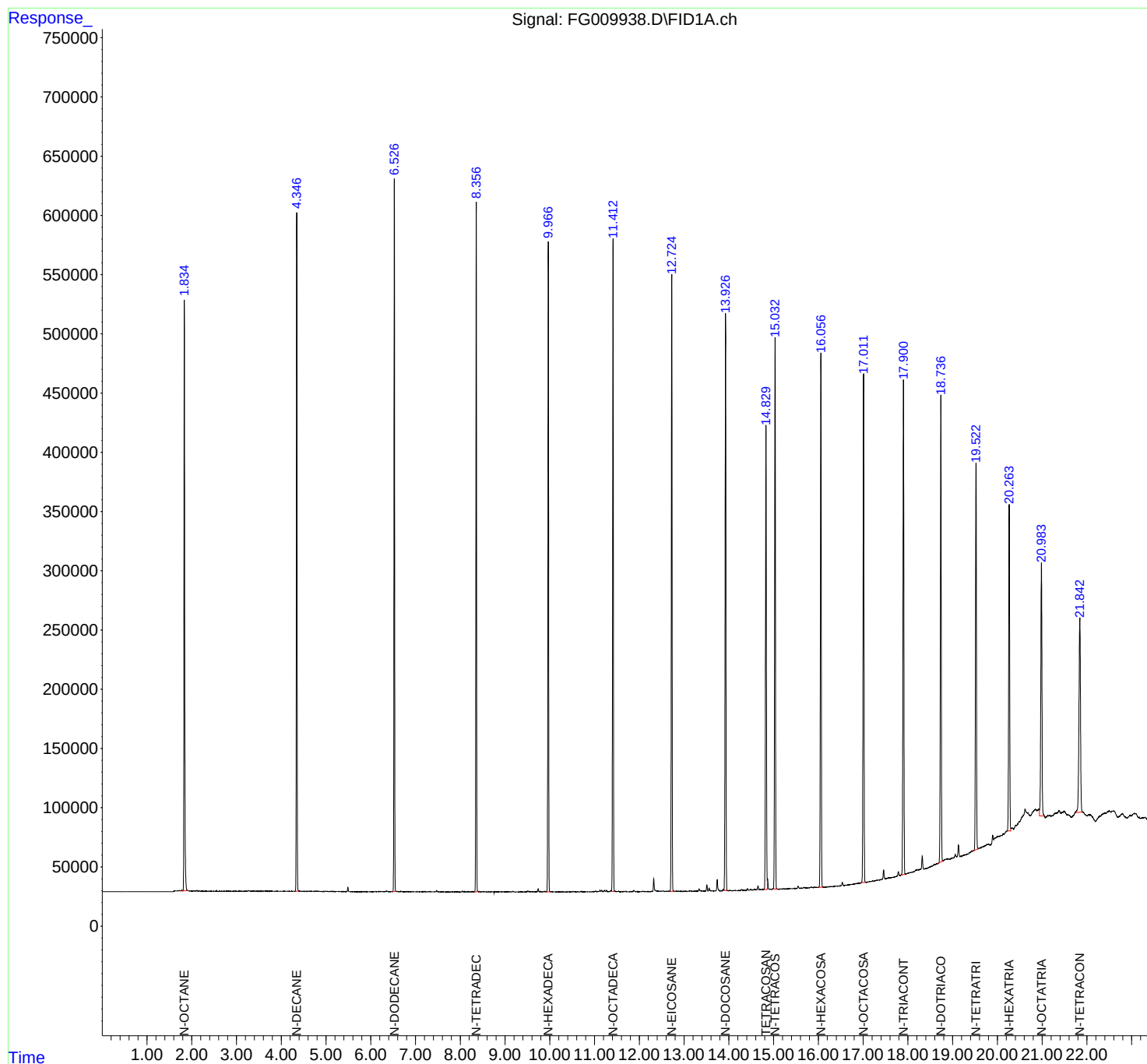
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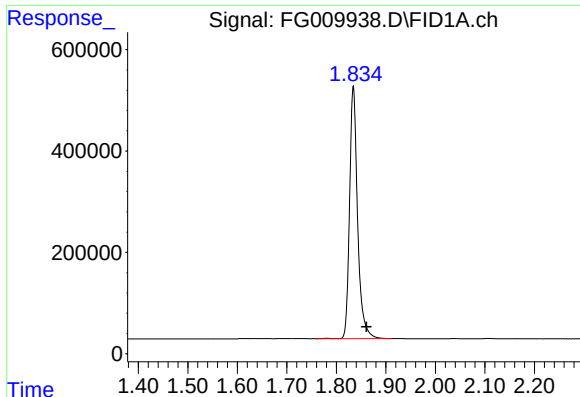
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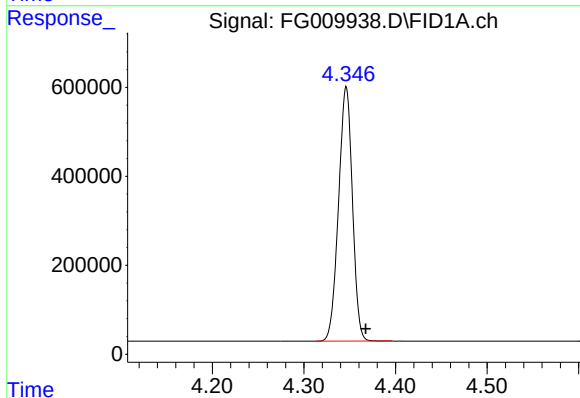
#1 N-OCTANE

R.T.: 1.834 min
Delta R.T.: -0.027 min
Response: 5596873
Conc: 44.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

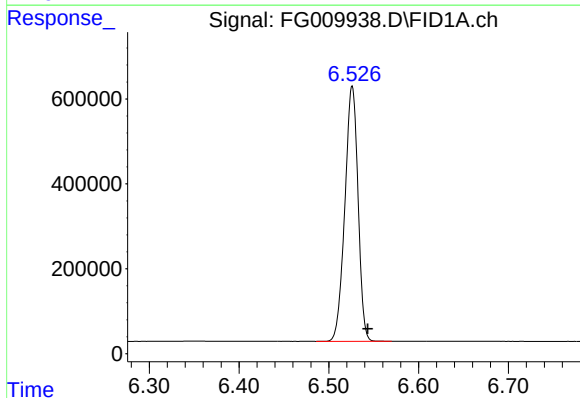
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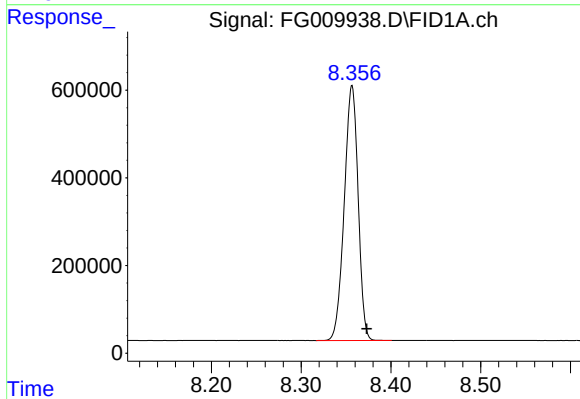
#2 N-DECANE

R.T.: 4.346 min
Delta R.T.: -0.021 min
Response: 6022153
Conc: 47.69 ug/ml



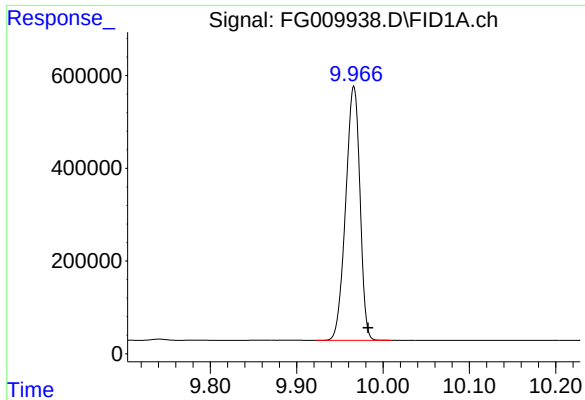
#3 N-DODECANE

R.T.: 6.526 min
Delta R.T.: -0.017 min
Response: 6118128
Conc: 48.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.357 min
Delta R.T.: -0.017 min
Response: 6233301
Conc: 49.06 ug/ml



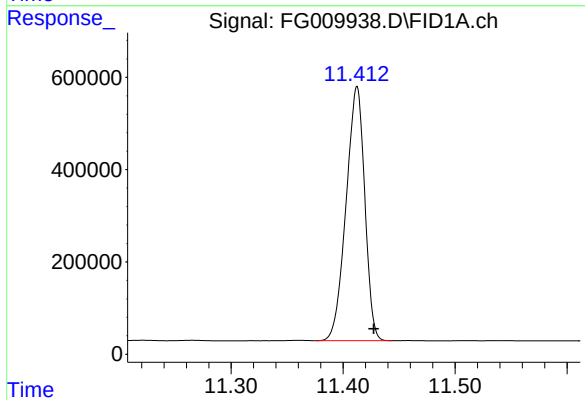
#5 N-HEXADECANE

R.T.: 9.966 min
Delta R.T.: -0.016 min
Response: 6297299
Conc: 49.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

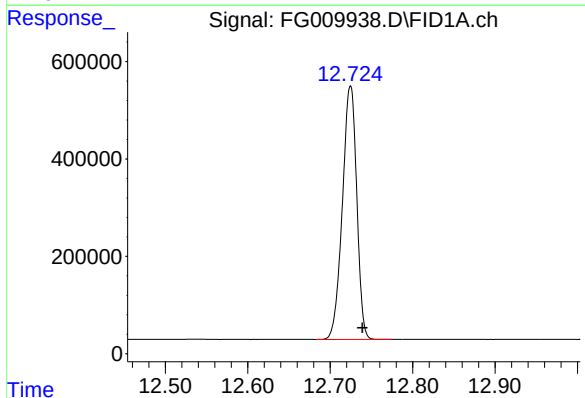
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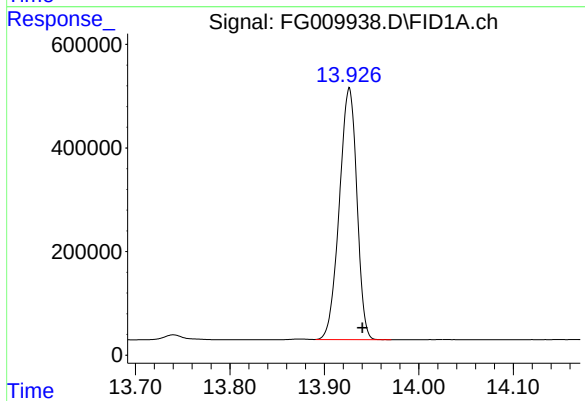
#6 N-OCTADECANE

R.T.: 11.412 min
Delta R.T.: -0.015 min
Response: 6383647
Conc: 50.58 ug/ml



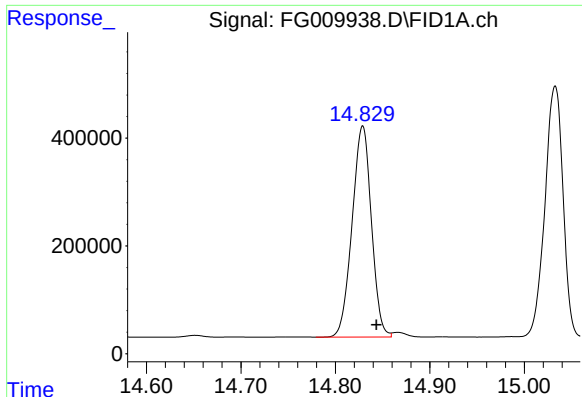
#7 N-EICOSANE

R.T.: 12.725 min
Delta R.T.: -0.015 min
Response: 6299470
Conc: 51.51 ug/ml



#8 N-DOCOSANE

R.T.: 13.926 min
Delta R.T.: -0.014 min
Response: 6263281
Conc: 51.94 ug/ml



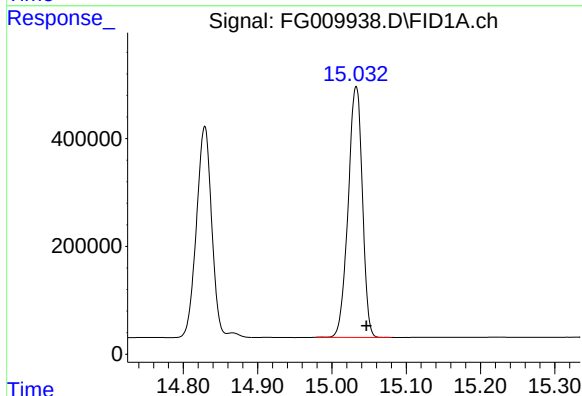
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.829 min
Delta R.T.: -0.014 min
Response: 5550631
Conc: 52.73 ug/ml

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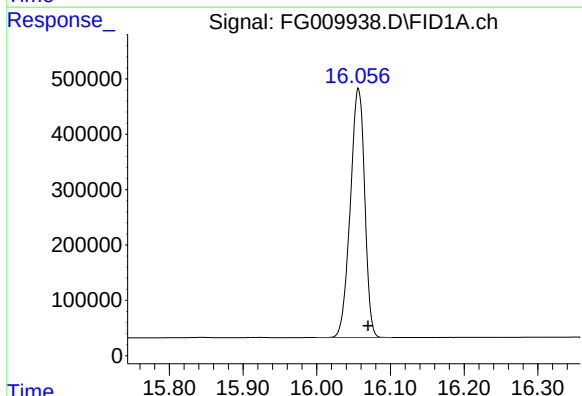
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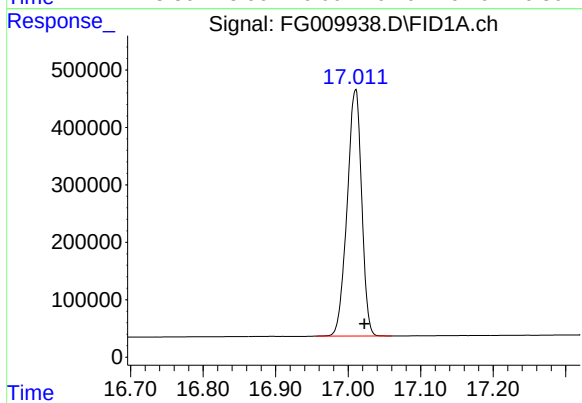
#10 N-TETRACOSANE

R.T.: 15.033 min
Delta R.T.: -0.014 min
Response: 6186770
Conc: 52.79 ug/ml



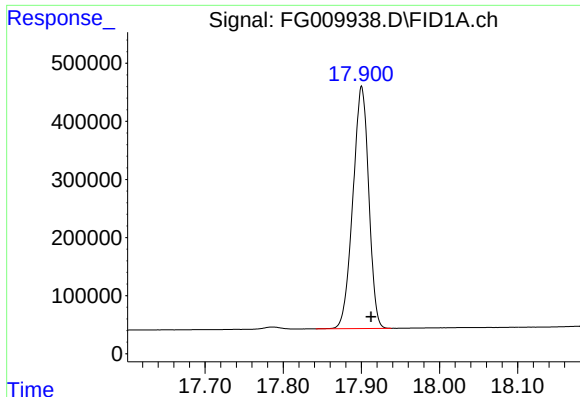
#11 N-HEXACOSANE

R.T.: 16.057 min
Delta R.T.: -0.013 min
Response: 6108892
Conc: 53.85 ug/ml



#12 N-OCTACOSANE

R.T.: 17.010 min
Delta R.T.: -0.012 min
Response: 5974855
Conc: 52.21 ug/ml



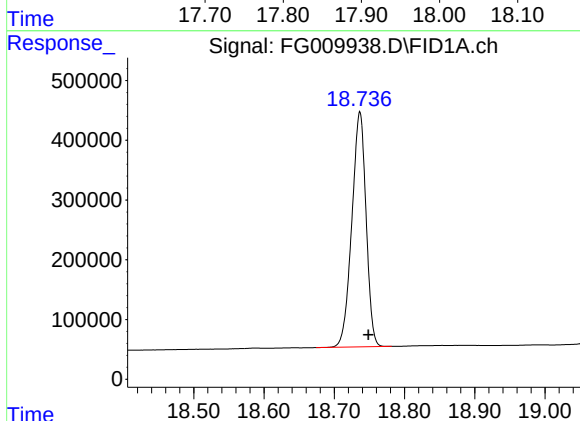
#13 N-TRIACONTANE

R.T.: 17.900 min
Delta R.T.: -0.012 min
Response: 5870886
Conc: 54.52 ug/ml

Instrument :
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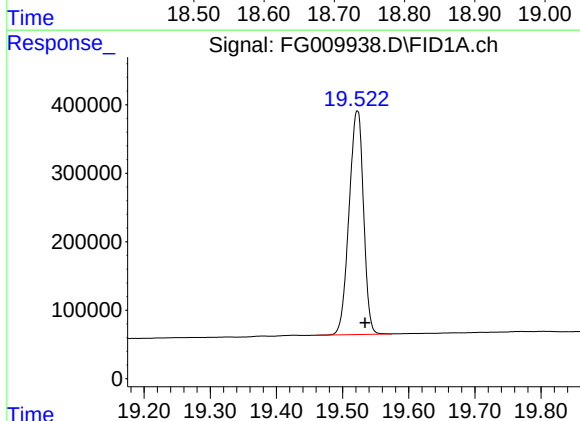
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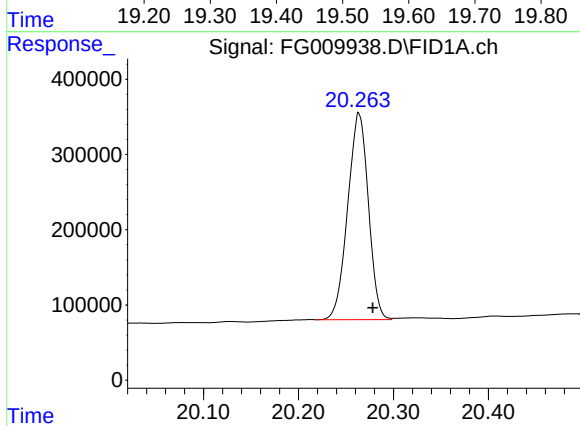
#14 N-DOTRIACONTANE

R.T.: 18.737 min
Delta R.T.: -0.012 min
Response: 5530846
Conc: 52.55 ug/ml



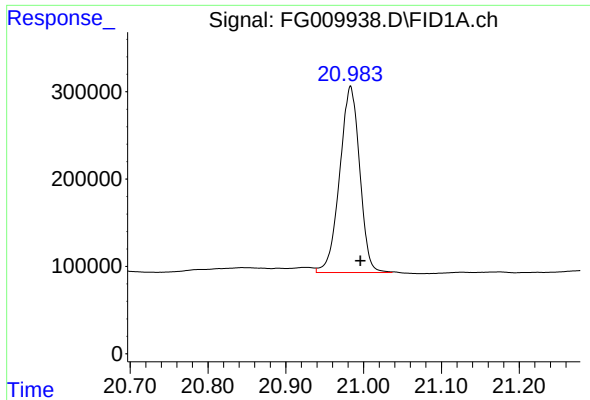
#15 N-TETRATRIACONTANE

R.T.: 19.522 min
Delta R.T.: -0.012 min
Response: 4957052
Conc: 51.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.263 min
Delta R.T.: -0.015 min
Response: 4158433
Conc: 51.46 ug/ml m



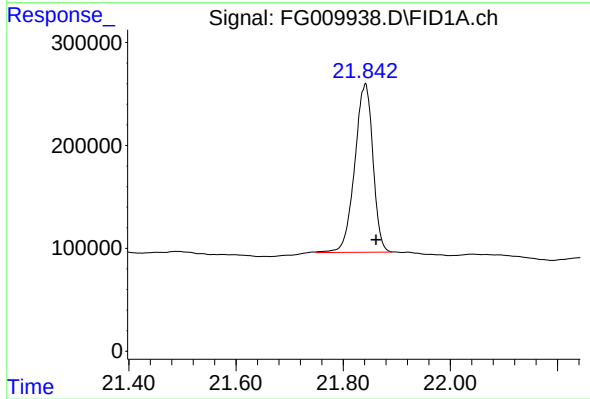
#17 N-OCTATRIACONTANE

R.T.: 20.983 min
Delta R.T.: -0.013 min
Response: 3808549
Conc: 53.03 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.842 min
Delta R.T.: -0.020 min
Response: 3855128
Conc: 54.90 ug/ml m