

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081922\
 Data File : FF011277.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 18:31
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2022
 Supervised By :Ankita Jodhani 08/23/2022

Integration File: autoint1.e
 Quant Time: Aug 19 19:14:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072822.M
 Quant Title :
 QLast Update : Thu Jul 28 14:46:22 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...	14.796	5124838	47.152 ug/ml
Target Compounds			
1) N-OCTANE	1.848	6136770	49.880 ug/ml
2) N-DECANE	4.356	6195121	49.731 ug/ml
3) N-DODECANE	6.526	6248775	49.640 ug/ml
4) N-TETRADECANE	8.351	6185758	49.270 ug/ml
5) N-HEXADECANE	9.954	6197729	48.448 ug/ml
6) N-OCTADECANE	11.394	6180536	47.987 ug/ml
7) N-EICOSANE	12.702	6082693	47.579 ug/ml
8) N-DOCOSANE	13.898	5885673	47.185 ug/ml
10) N-TETRACOSANE	14.999	5838715	46.932 ug/ml
11) N-HEXACOSANE	16.018	5693630	46.531 ug/ml
12) N-OCTACOSANE	16.967	5590325	46.310 ug/ml
13) N-TRIACONTANE	17.851	5541249	46.384 ug/ml
14) N-DOTRIACONTANE	18.683	5579174	47.231 ug/ml
15) N-TETRATRIACONTANE	19.463	5721925	51.279 ug/ml
16) N-HEXATRIACONTANE	20.201	5854188	57.577 ug/ml
17) N-OCTATRIACONTANE	20.907	6066248	60.621 ug/mlm
18) N-TETRACONTANE	21.727	6604636	60.269 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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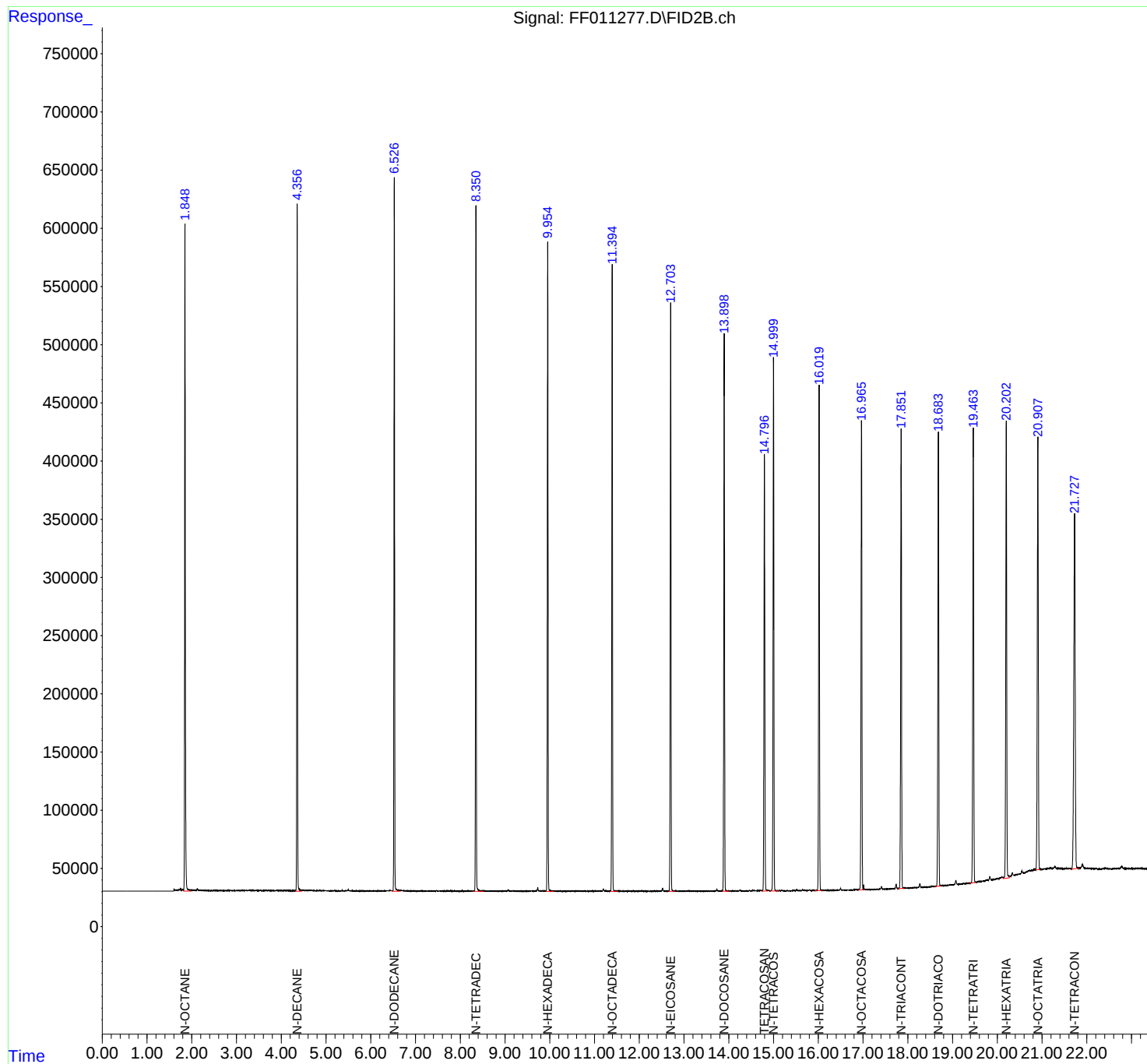
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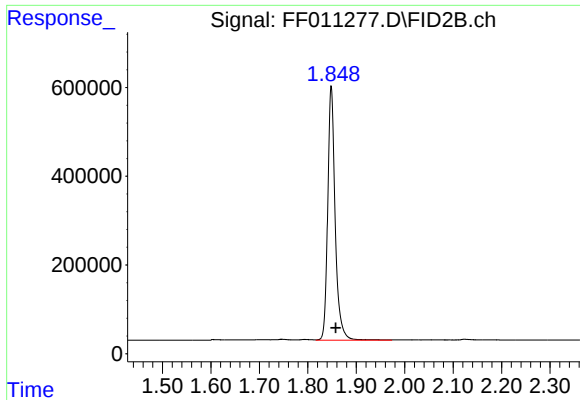
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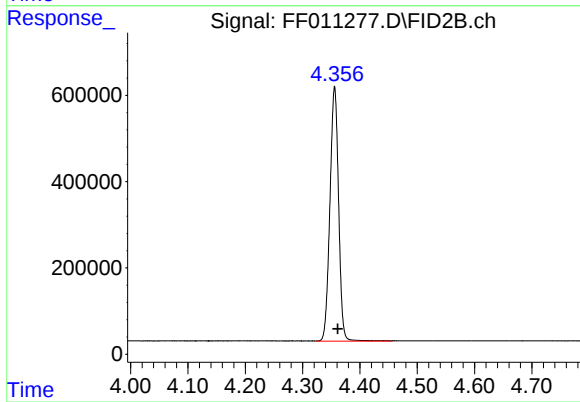
#1 N-OCTANE

R.T.: 1.848 min
Delta R.T.: -0.010 min
Response: 6136770
Conc: 49.88 ug/ml

Instrument :
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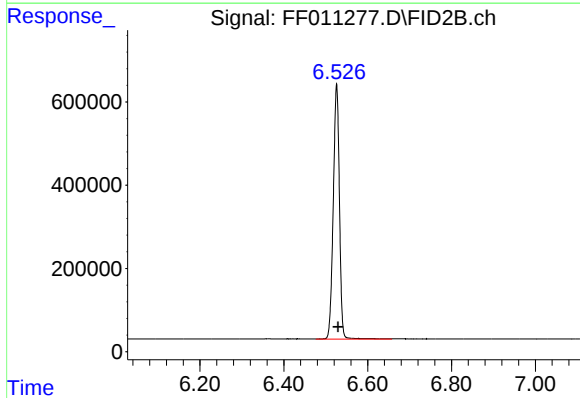
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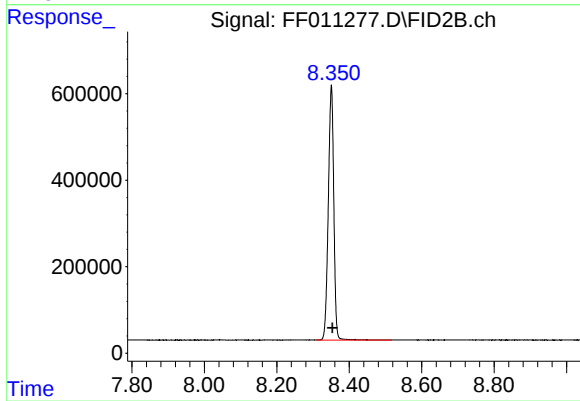
#2 N-DECANE

R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 6195121
Conc: 49.73 ug/ml



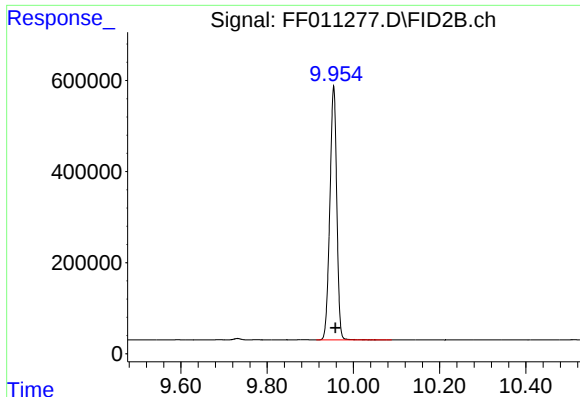
#3 N-DODECANE

R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 6248775
Conc: 49.64 ug/ml



#4 N-TETRADECANE

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 6185758
Conc: 49.27 ug/ml



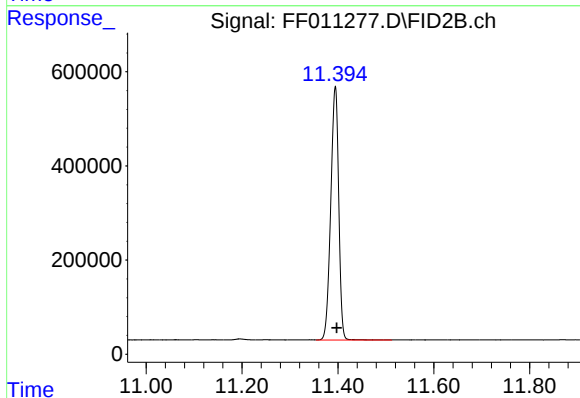
#5 N-HEXADECANE

R.T.: 9.954 min
Delta R.T.: -0.004 min
Response: 6197729
Conc: 48.45 ug/ml

Instrument :
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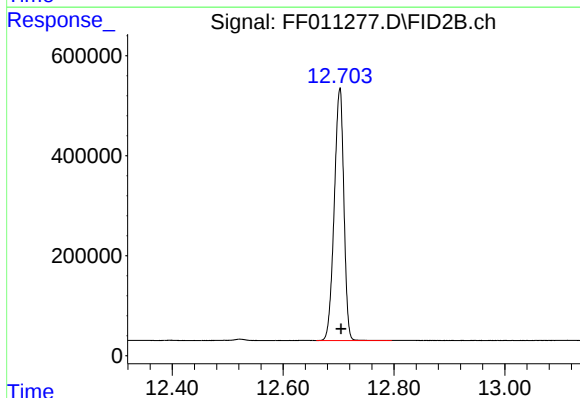
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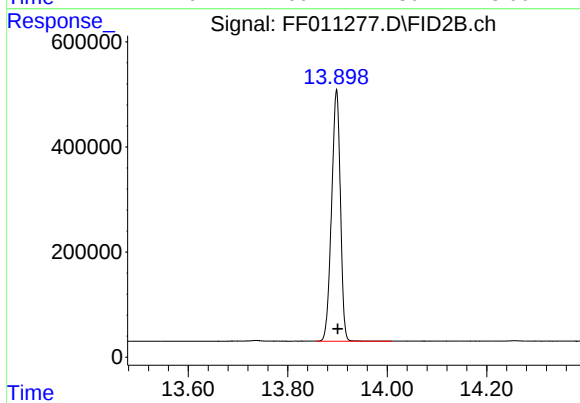
#6 N-OCTADECANE

R.T.: 11.394 min
Delta R.T.: -0.003 min
Response: 6180536
Conc: 47.99 ug/ml



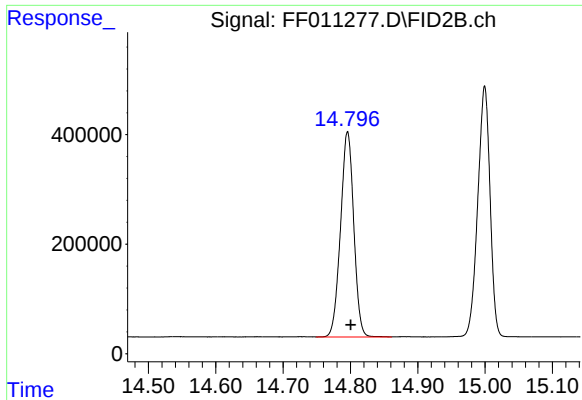
#7 N-EICOSANE

R.T.: 12.702 min
Delta R.T.: -0.002 min
Response: 6082693
Conc: 47.58 ug/ml



#8 N-DOCOSANE

R.T.: 13.898 min
Delta R.T.: -0.003 min
Response: 5885673
Conc: 47.19 ug/ml



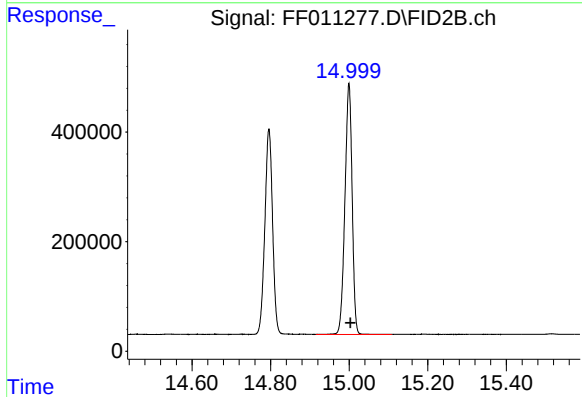
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.796 min
Delta R.T.: -0.005 min
Response: 5124838
Conc: 47.15 ug/ml

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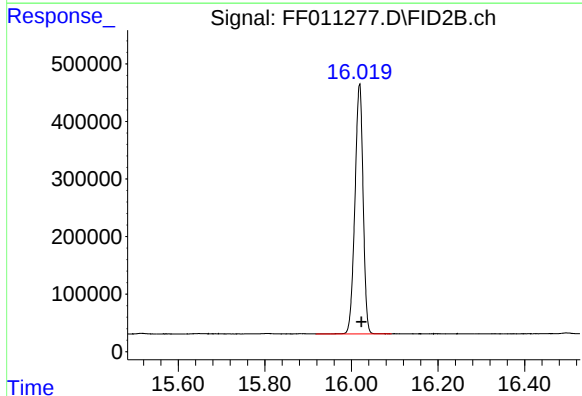
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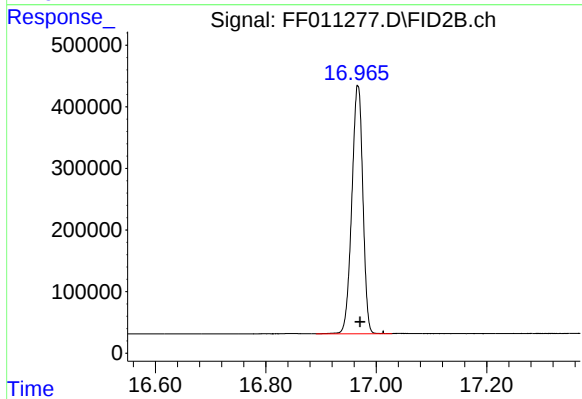
#10 N-TETRACOSANE

R.T.: 14.999 min
Delta R.T.: -0.004 min
Response: 5838715
Conc: 46.93 ug/ml



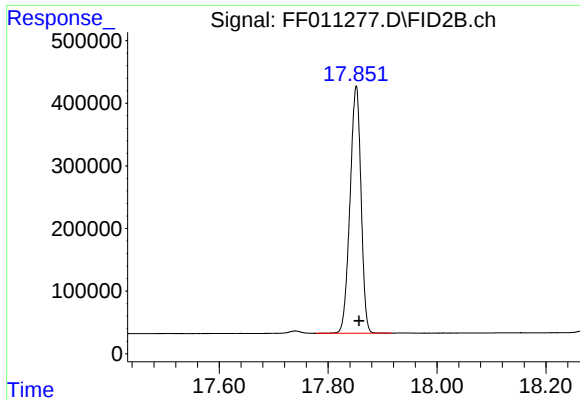
#11 N-HEXACOSANE

R.T.: 16.018 min
Delta R.T.: -0.005 min
Response: 5693630
Conc: 46.53 ug/ml



#12 N-OCTACOSANE

R.T.: 16.967 min
Delta R.T.: -0.004 min
Response: 5590325
Conc: 46.31 ug/ml



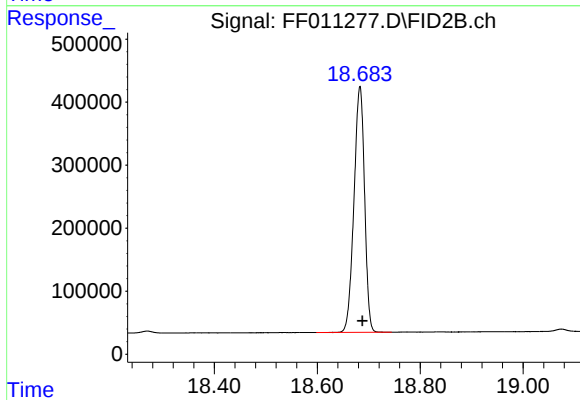
#13 N-TRIACONTANE

R.T.: 17.851 min
Delta R.T.: -0.006 min
Response: 5541249
Conc: 46.38 ug/ml

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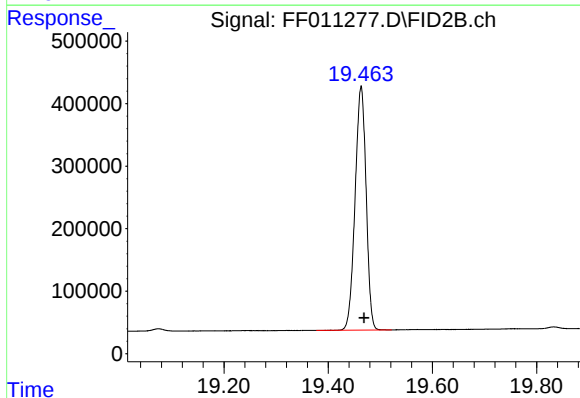
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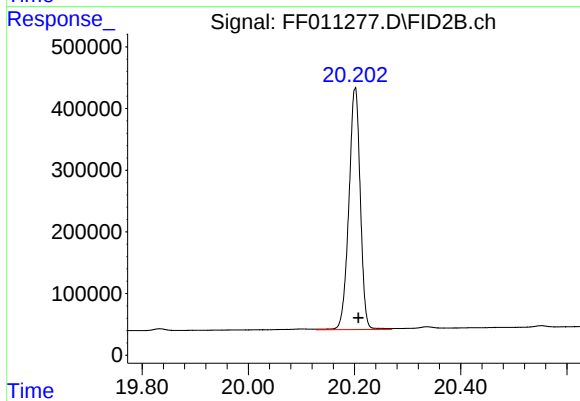
#14 N-DOTRIACONTANE

R.T.: 18.683 min
Delta R.T.: -0.005 min
Response: 5579174
Conc: 47.23 ug/ml



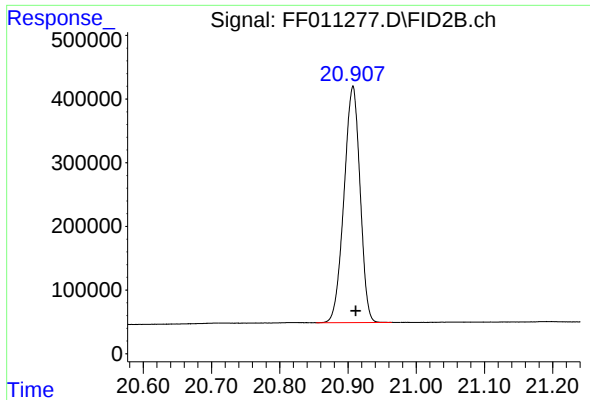
#15 N-TETRATRIACONTANE

R.T.: 19.463 min
Delta R.T.: -0.006 min
Response: 5721925
Conc: 51.28 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.201 min
Delta R.T.: -0.006 min
Response: 5854188
Conc: 57.58 ug/ml



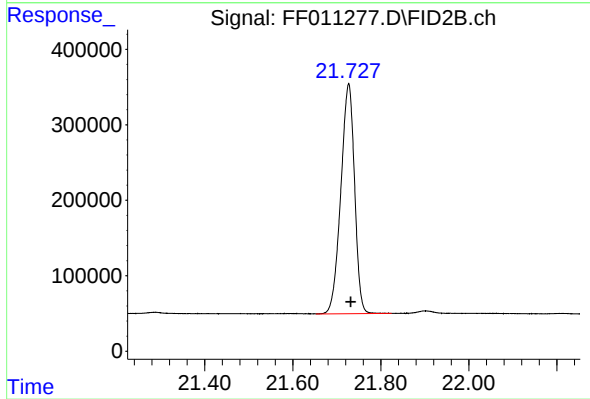
#17 N-OCTATRIACONTANE

R.T.: 20.907 min
Delta R.T.: -0.004 min
Response: 6066248
Conc: 60.62 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.727 min
Delta R.T.: -0.005 min
Response: 6604636
Conc: 60.27 ug/ml