

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111723\
 Data File : FG013199.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2023 15:46
 Operator : YP\AJ
 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 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 17 21:31:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111023.M
 Quant Title :
 QLast Update : Fri Nov 10 12:13:40 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...	15.084	5283490	51.545 ug/ml
Target Compounds			
1) N-OCTANE	2.070	5260633	45.127 ug/ml
2) N-DECANE	4.592	5777317	48.933 ug/ml
3) N-DODECANE	6.768	5804413	49.678 ug/ml
4) N-TETRADECANE	8.602	5774225	51.145 ug/ml
5) N-HEXADECANE	10.216	5865974	51.207 ug/ml
6) N-OCTADECANE	11.665	5851845	51.263 ug/ml
7) N-EICOSANE	12.979	5795220	51.348 ug/ml
8) N-DOCOSANE	14.182	5596549	51.536 ug/ml
10) N-TETRACOSANE	15.289	5682352	50.133 ug/ml
11) N-HEXACOSANE	16.312	5507767	51.910 ug/ml
12) N-OCTACOSANE	17.264	5544047	53.056 ug/ml
13) N-TRIACONTANE	18.154	5738377	55.503 ug/ml
14) N-DOTRIACONTANE	18.988	5706943	57.417 ug/ml
15) N-TETRATRIACONTANE	19.771	5033339	57.633 ug/ml
16) N-HEXATRIACONTANE	20.512	4081311	57.309 ug/ml
17) N-OCTATRIACONTANE	21.269	3645967	55.258 ug/ml
18) N-TETRACONTANE	22.219	3296910	48.459 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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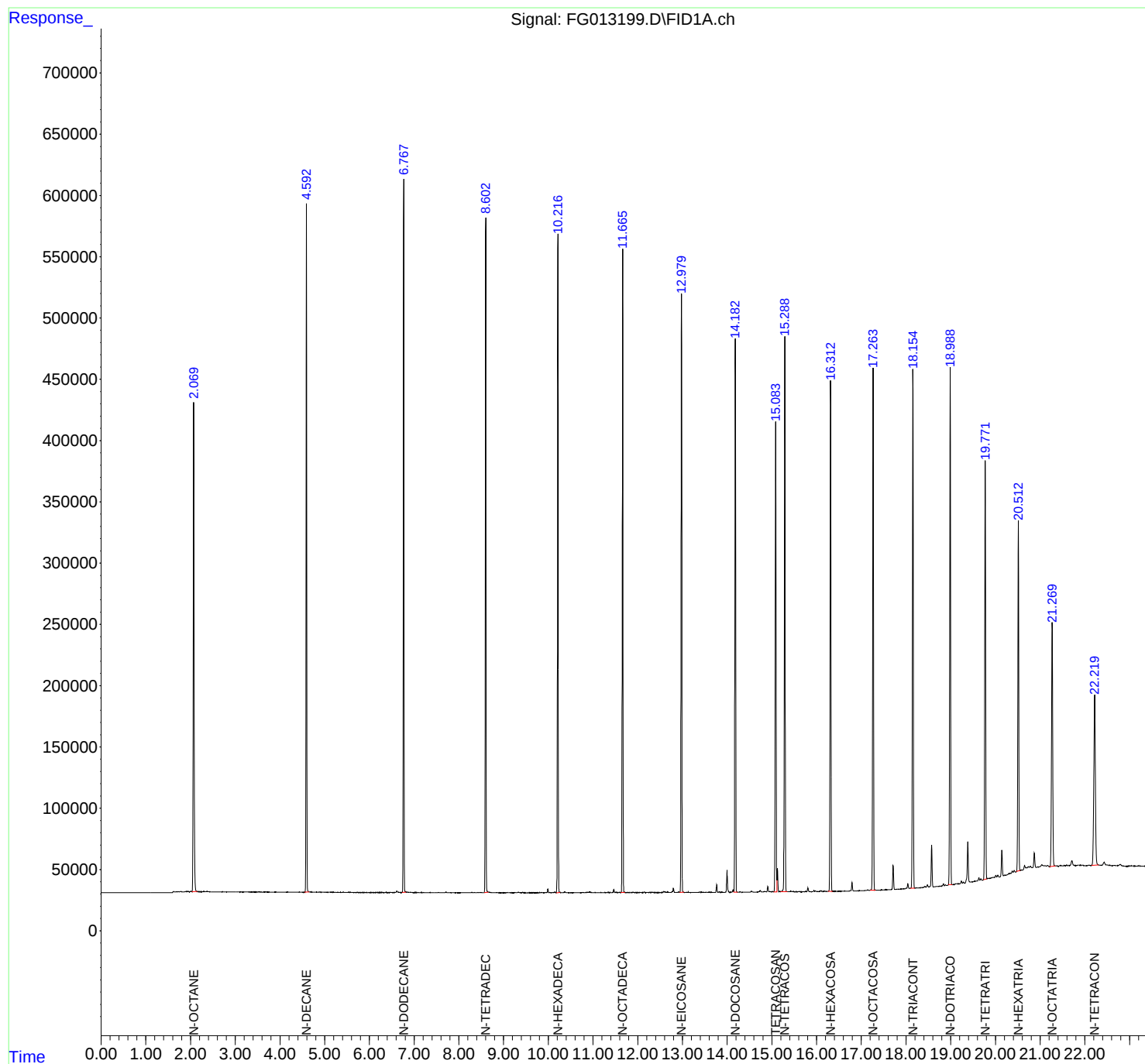
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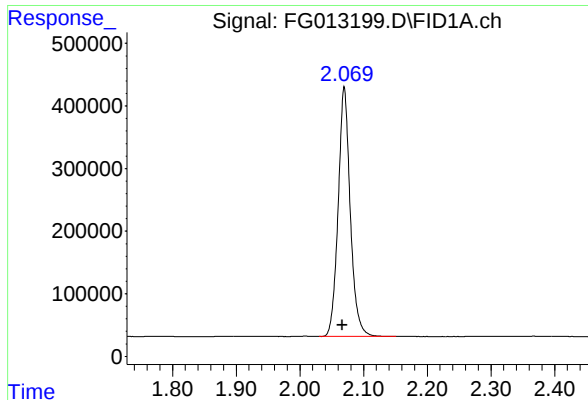
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.070 min
Delta R.T.: 0.003 min
Response: 5260633
Conc: 45.13 ug/ml

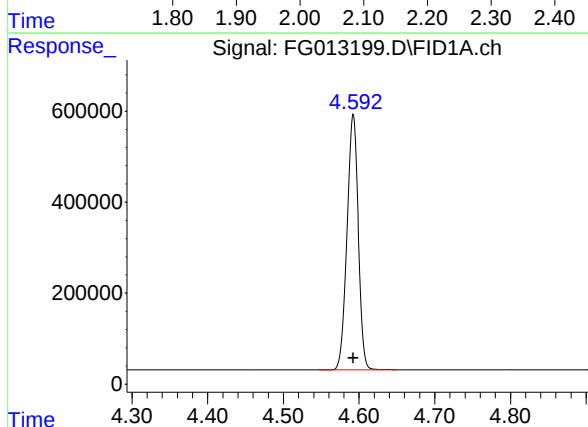
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

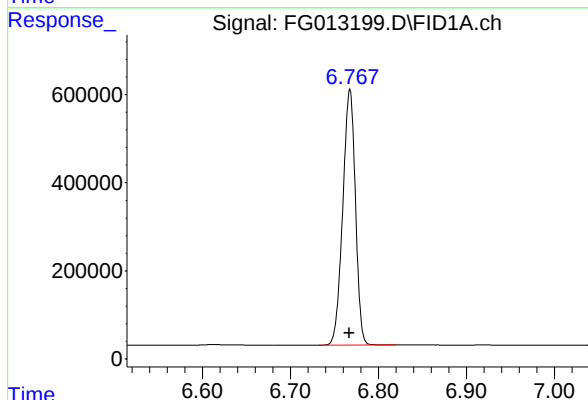
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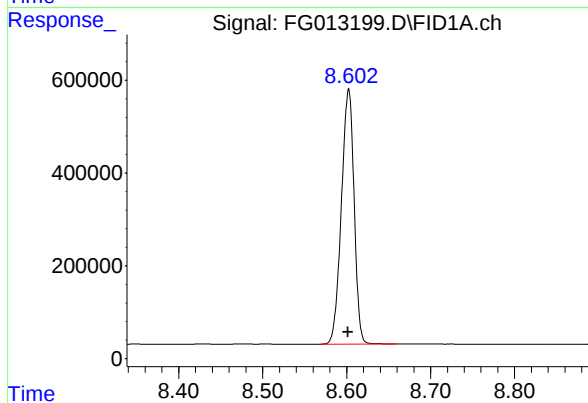
#2 N-DECANE

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 5777317
Conc: 48.93 ug/ml



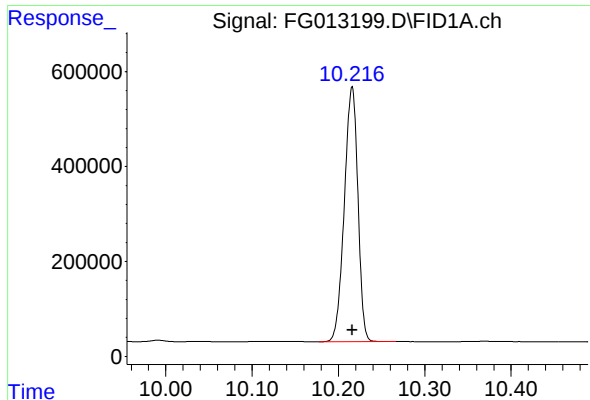
#3 N-DODECANE

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 5804413
Conc: 49.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.602 min
Delta R.T.: 0.001 min
Response: 5774225
Conc: 51.15 ug/ml



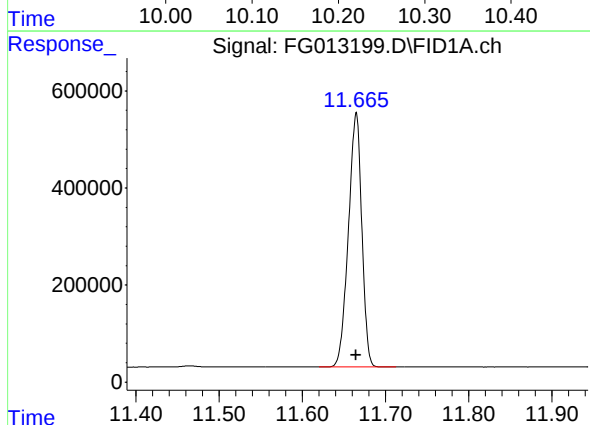
#5 N-HEXADECANE

R.T.: 10.216 min
Delta R.T.: 0.000 min
Response: 5865974
Conc: 51.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

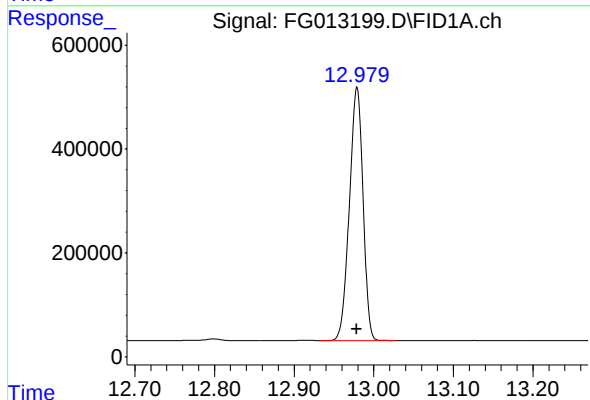
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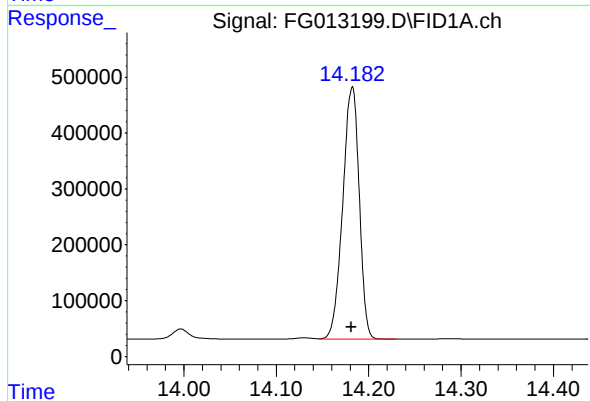
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 5851845
Conc: 51.26 ug/ml



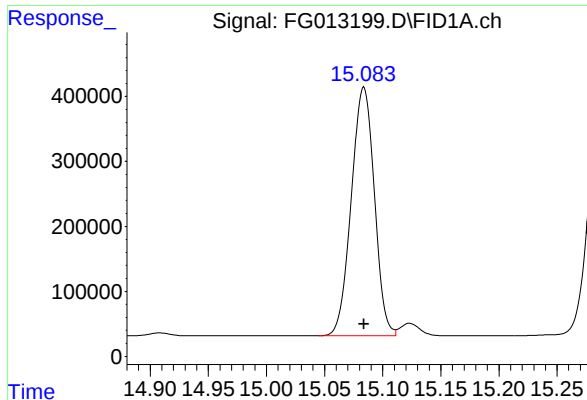
#7 N-EICOSANE

R.T.: 12.979 min
Delta R.T.: 0.000 min
Response: 5795220
Conc: 51.35 ug/ml



#8 N-DOCOSANE

R.T.: 14.182 min
Delta R.T.: 0.000 min
Response: 5596549
Conc: 51.54 ug/ml



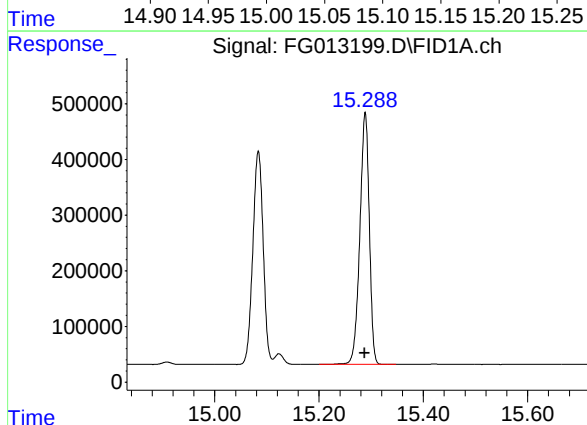
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.084 min
Delta R.T.: 0.000 min
Response: 5283490
Conc: 51.55 ug/ml

Instrument :
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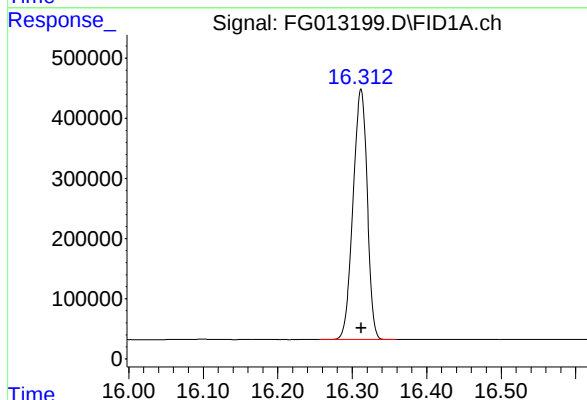
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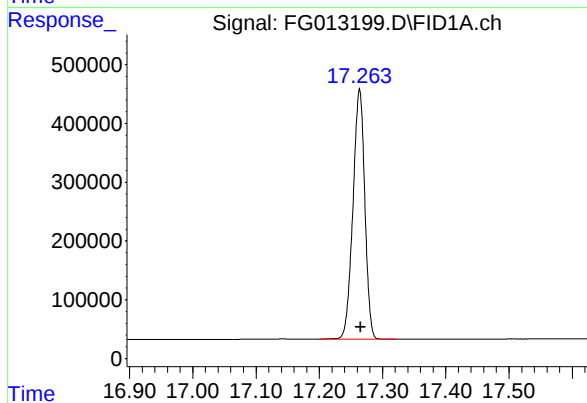
#10 N-TETRACOSANE

R.T.: 15.289 min
Delta R.T.: 0.001 min
Response: 5682352
Conc: 50.13 ug/ml



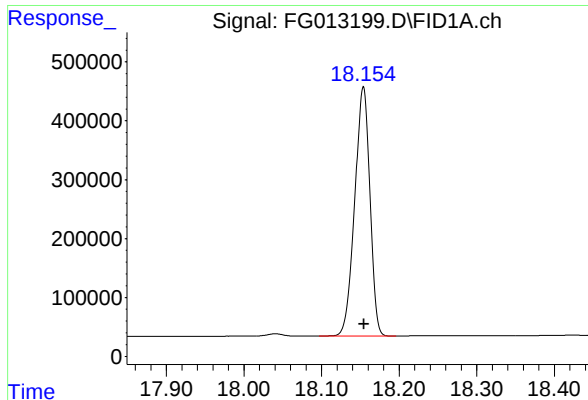
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.000 min
Response: 5507767
Conc: 51.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.264 min
Delta R.T.: -0.002 min
Response: 5544047
Conc: 53.06 ug/ml



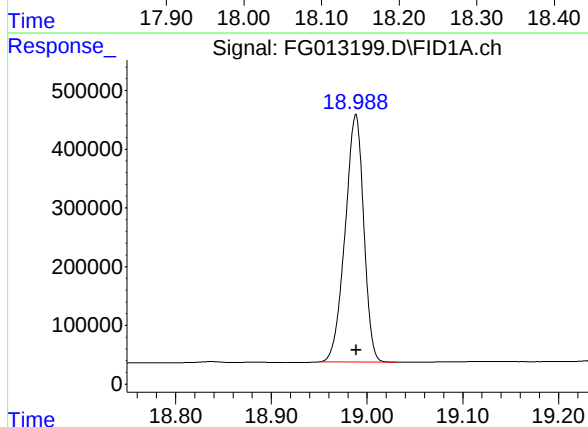
#13 N-TRIACONTANE

R.T.: 18.154 min
Delta R.T.: 0.000 min
Response: 5738377
Conc: 55.50 ug/ml

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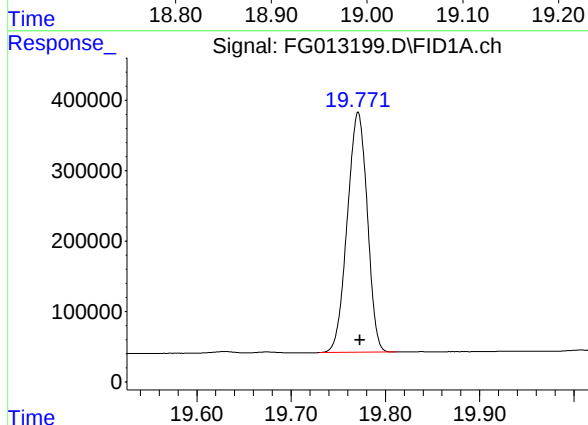
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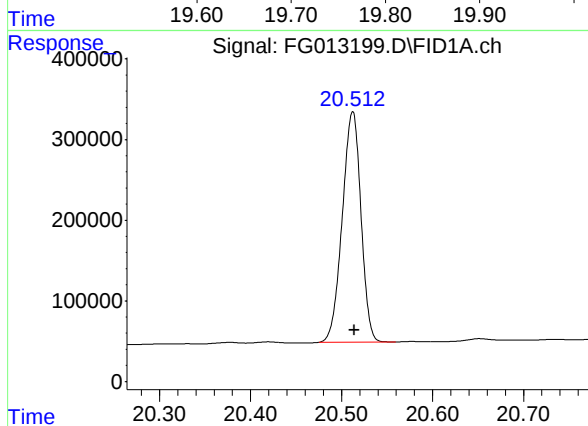
#14 N-DOTRIACONTANE

R.T.: 18.988 min
Delta R.T.: 0.000 min
Response: 5706943
Conc: 57.42 ug/ml



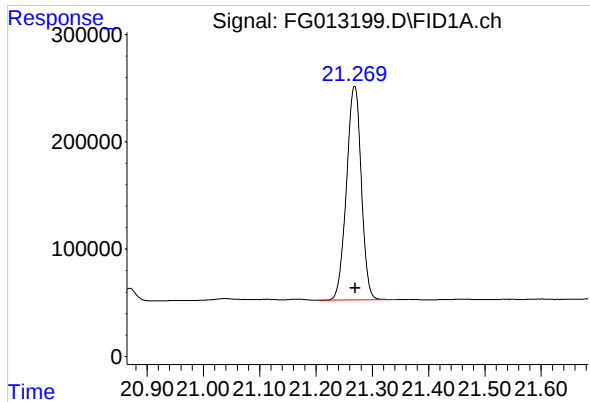
#15 N-TETRATRIACONTANE

R.T.: 19.771 min
Delta R.T.: -0.002 min
Response: 5033339
Conc: 57.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.512 min
Delta R.T.: -0.002 min
Response: 4081311
Conc: 57.31 ug/ml



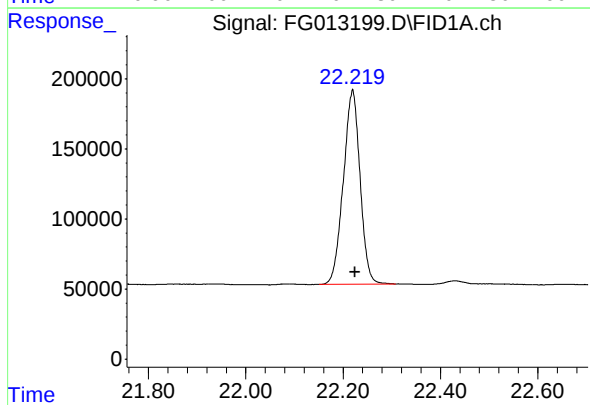
#17 N-OCTATRIACONTANE

R.T.: 21.269 min
Delta R.T.: -0.001 min
Response: 3645967
Conc: 55.26 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.219 min
Delta R.T.: -0.005 min
Response: 3296910
Conc: 48.46 ug/ml m