

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062824\
 Data File : FG013918.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 19:58
 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 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 01:41:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062524.M
 Quant Title :
 QLast Update : Tue Jun 25 12:42:41 2024
 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...	14.966	5708102	52.764 ug/ml
Target Compounds			
1) N-OCTANE	1.974	5799122	48.636 ug/mlm
2) N-DECANE	4.484	6633641	55.432 ug/ml
3) N-DODECANE	6.657	6777136	55.394 ug/ml
4) N-TETRADECANE	8.489	6800315	55.262 ug/ml
5) N-HEXADECANE	10.101	6849046	54.894 ug/ml
6) N-OCTADECANE	11.548	6866420	54.192 ug/ml
7) N-EICOSANE	12.862	6699548	52.627 ug/ml
8) N-DOCOSANE	14.063	6535470	53.229 ug/ml
10) N-TETRACOSANE	15.169	6500435	53.668 ug/ml
11) N-HEXACOSANE	16.192	6413529	53.661 ug/ml
12) N-OCTACOSANE	17.146	6408987	54.451 ug/mlm
13) N-TRIACONTANE	18.036	6369793	53.253 ug/ml
14) N-DOTRIACONTANE	18.869	5994222	51.076 ug/mlm
15) N-TETRATRIACONTANE	19.656	5428511	49.135 ug/ml
16) N-HEXATRIACONTANE	20.397	4927611	48.959 ug/ml
17) N-OCTATRIACONTANE	21.131	4718247	51.091 ug/mlm
18) N-TETRACONTANE	22.037	4802411	57.583 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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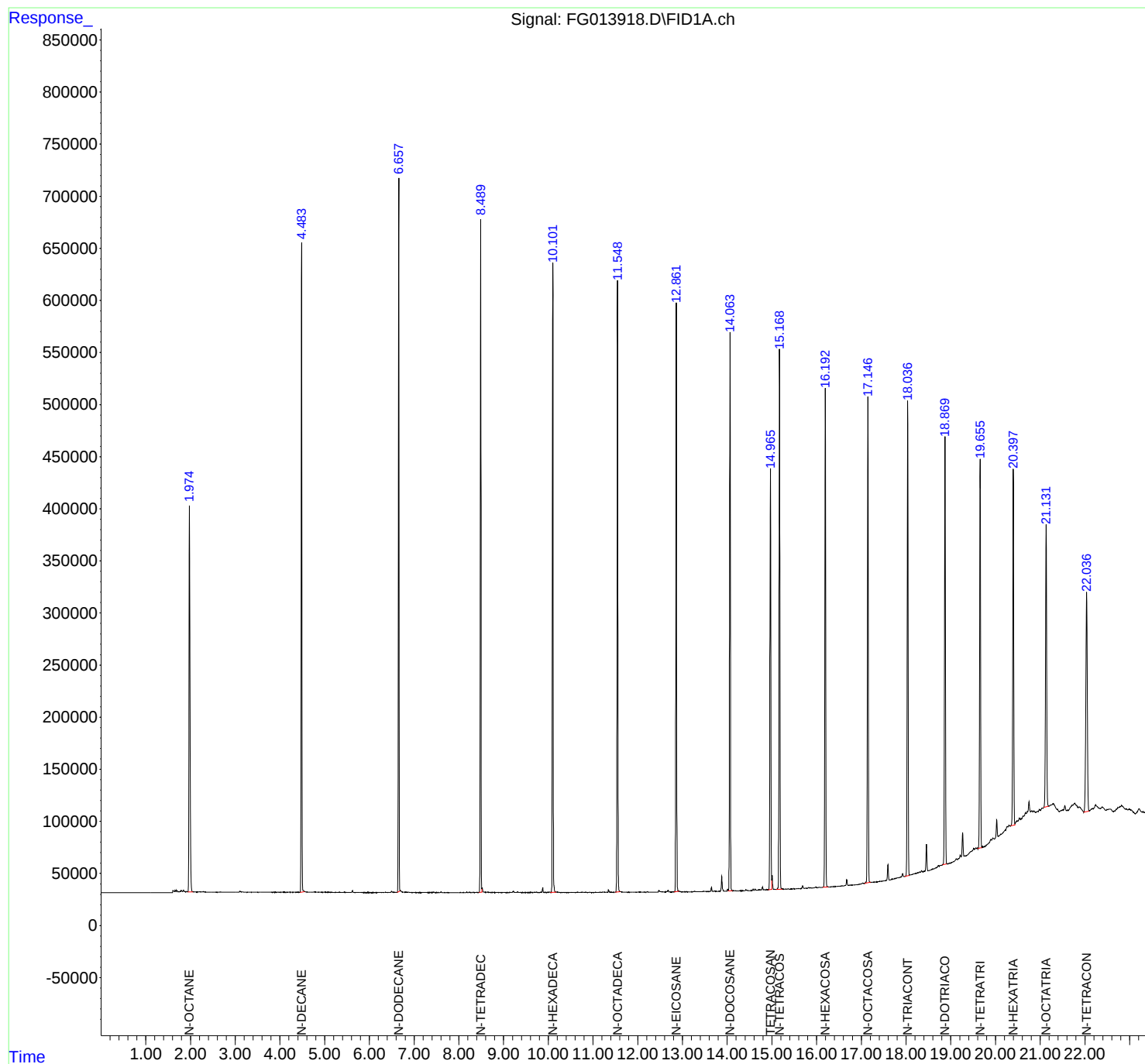
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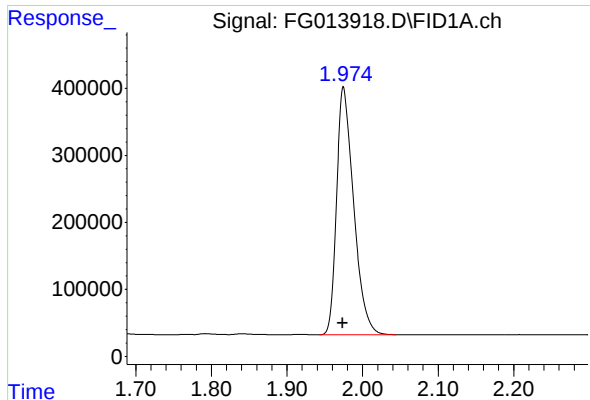
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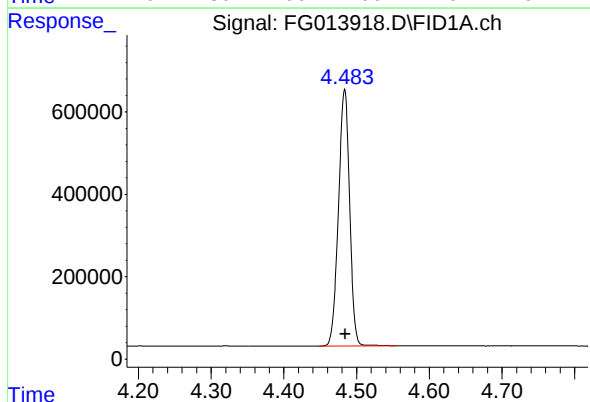
#1 N-OCTANE

R.T.: 1.974 min
Delta R.T.: 0.000 min
Response: 5799122
Conc: 48.64 ug/ml

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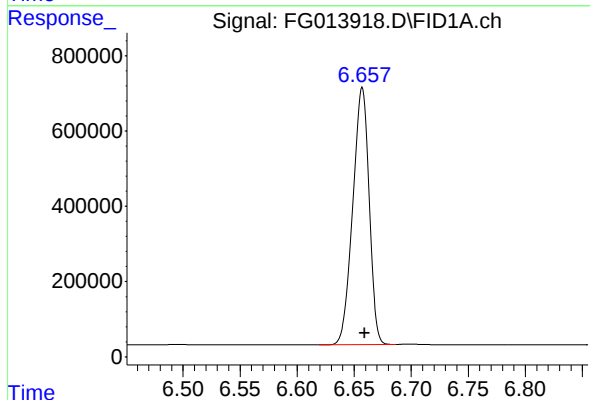
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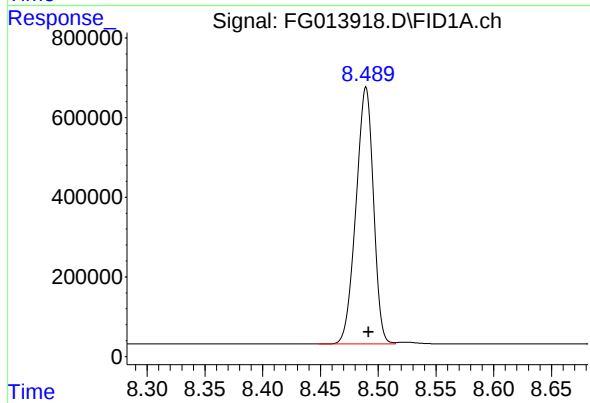
#2 N-DECANE

R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 6633641
Conc: 55.43 ug/ml



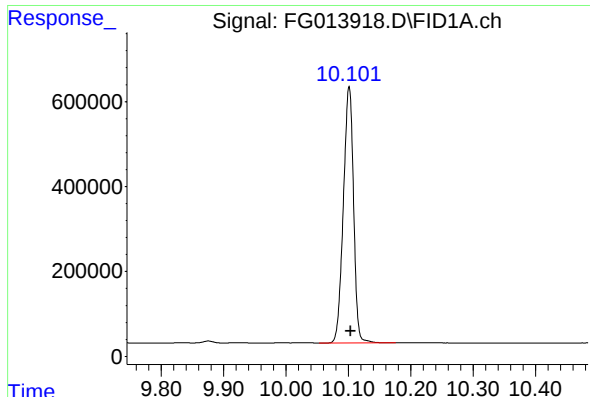
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 6777136
Conc: 55.39 ug/ml



#4 N-TETRADECANE

R.T.: 8.489 min
Delta R.T.: -0.002 min
Response: 6800315
Conc: 55.26 ug/ml



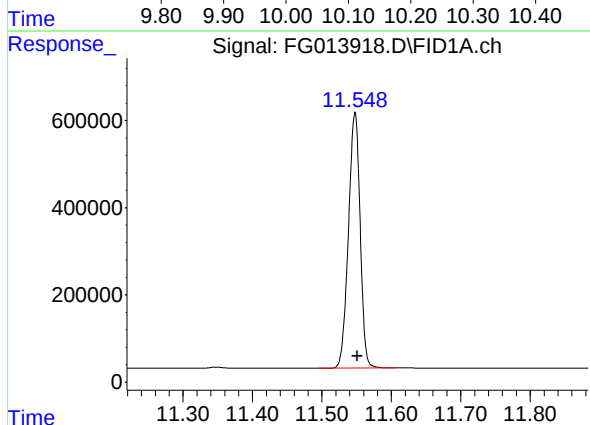
#5 N-HEXADECANE

R.T.: 10.101 min
Delta R.T.: -0.003 min
Response: 6849046
Conc: 54.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

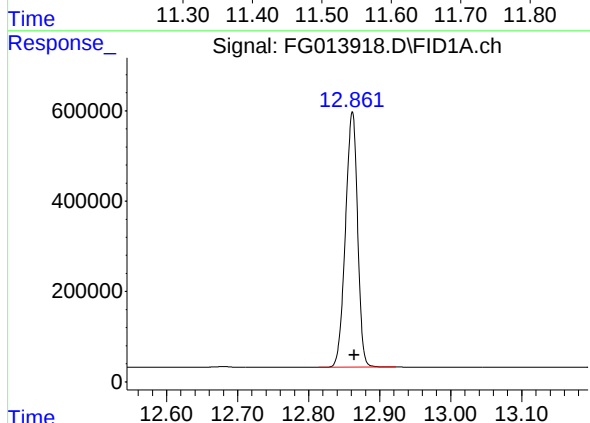
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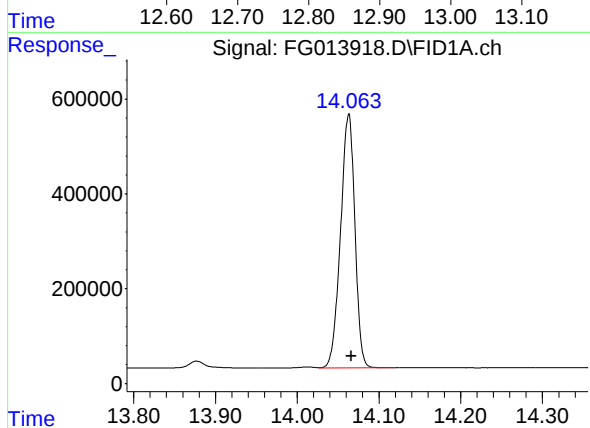
#6 N-OCTADECANE

R.T.: 11.548 min
Delta R.T.: -0.003 min
Response: 6866420
Conc: 54.19 ug/ml



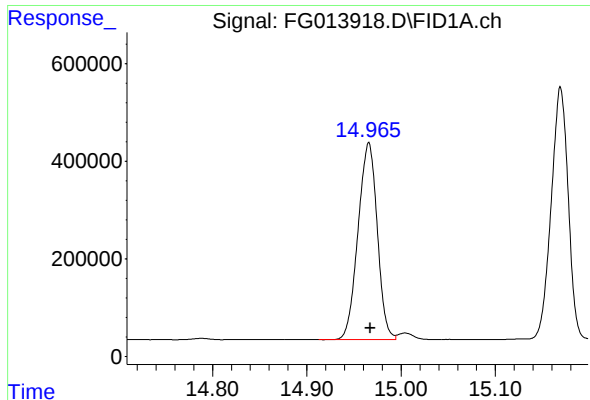
#7 N-EICOSANE

R.T.: 12.862 min
Delta R.T.: -0.003 min
Response: 6699548
Conc: 52.63 ug/ml



#8 N-DOCOSANE

R.T.: 14.063 min
Delta R.T.: -0.003 min
Response: 6535470
Conc: 53.23 ug/ml



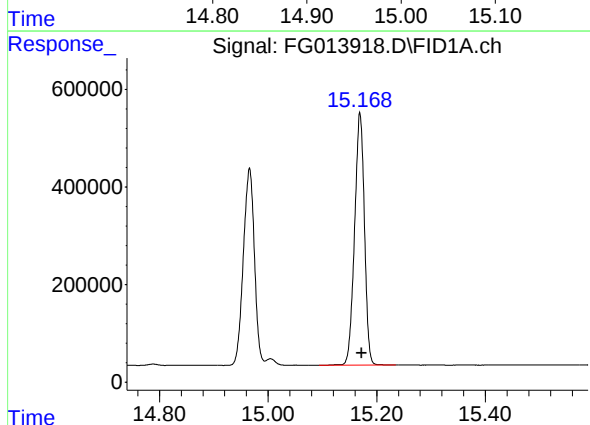
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.966 min
Delta R.T.: -0.002 min
Response: 5708102
Conc: 52.76 ug/ml

Instrument :
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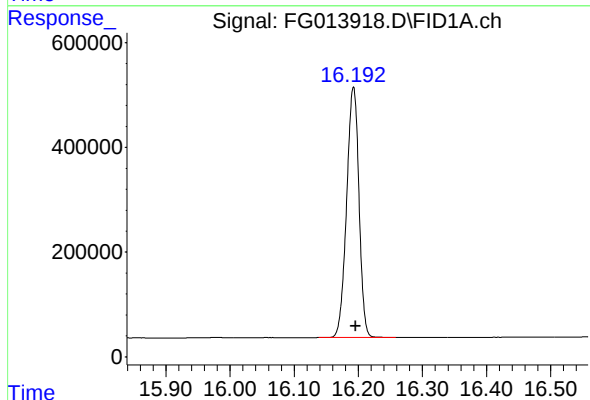
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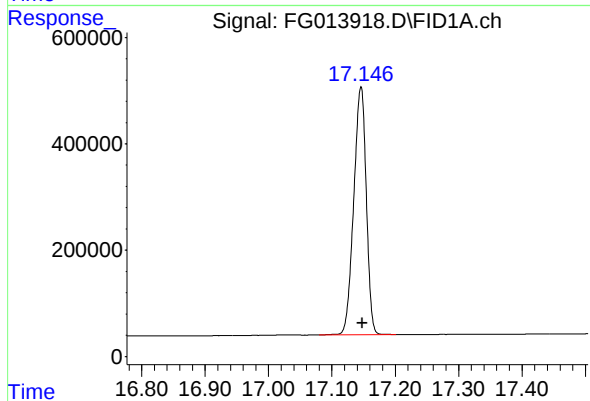
#10 N-TETRACOSANE

R.T.: 15.169 min
Delta R.T.: -0.003 min
Response: 6500435
Conc: 53.67 ug/ml



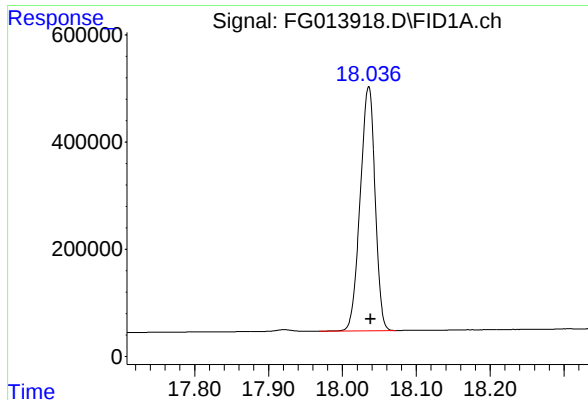
#11 N-HEXACOSANE

R.T.: 16.192 min
Delta R.T.: -0.003 min
Response: 6413529
Conc: 53.66 ug/ml



#12 N-OCTACOSANE

R.T.: 17.146 min
Delta R.T.: -0.002 min
Response: 6408987
Conc: 54.45 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.036 min
Delta R.T.: -0.002 min
Response: 6369793
Conc: 53.25 ug/ml

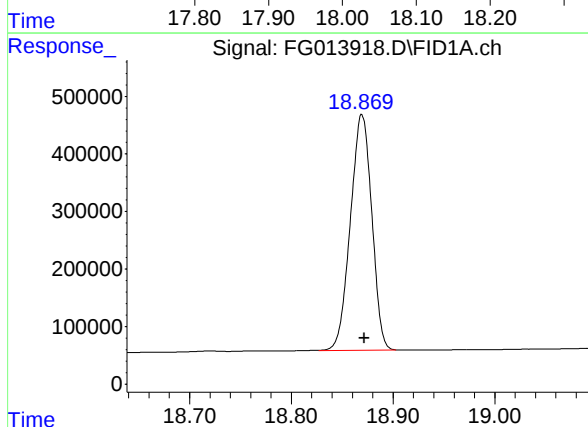
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

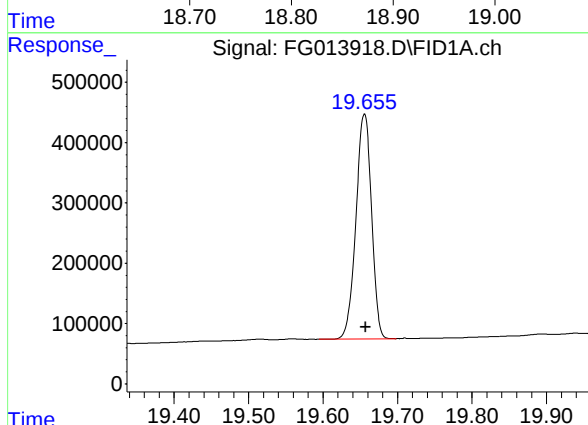
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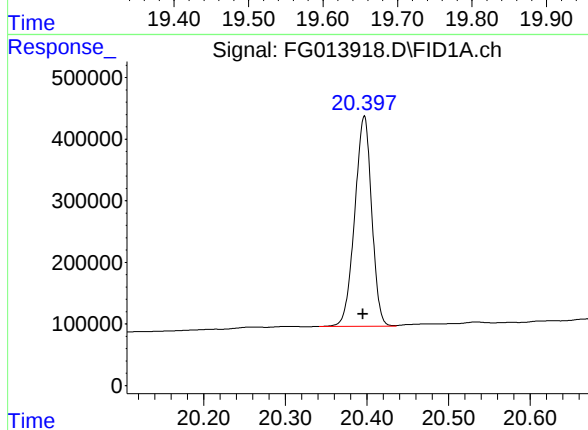
#14 N-DOTRIACONTANE

R.T.: 18.869 min
Delta R.T.: -0.003 min
Response: 5994222
Conc: 51.08 ug/ml m



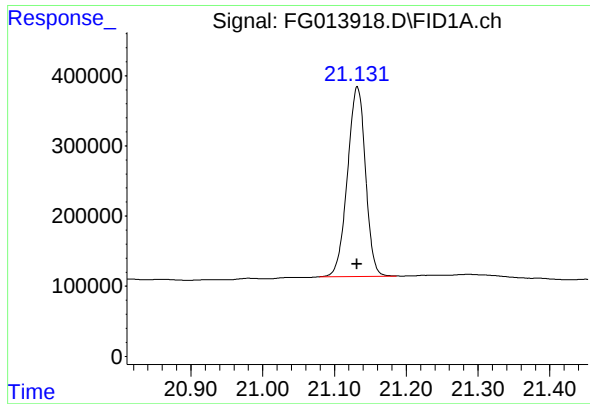
#15 N-TETRATRIACONTANE

R.T.: 19.656 min
Delta R.T.: -0.002 min
Response: 5428511
Conc: 49.14 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: 0.002 min
Response: 4927611
Conc: 48.96 ug/ml



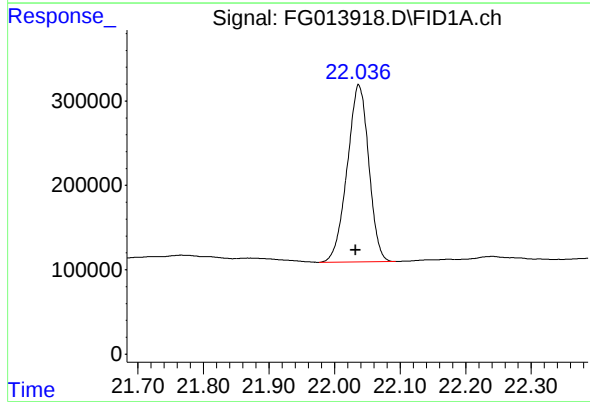
#17 N-OCTATRIACONTANE

R.T.: 21.131 min
Delta R.T.: 0.000 min
Response: 4718247
Conc: 51.09 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.037 min
Delta R.T.: 0.005 min
Response: 4802411
Conc: 57.58 ug/ml