

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015776.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 20:43
 Operator : YP\AJ
 Sample : Q1877-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-6-042425MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: Apr 30 01:22:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 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...	15.005	1681540	14.282 ug/ml
Target Compounds			
1) N-OCTANE	1.976	1358905	12.058 ug/ml
2) N-DECANE	4.504	2159422	19.396 ug/ml
3) N-DODECANE	6.688	5192621	45.310 ug/ml
4) N-TETRADECANE	8.527	7021700	57.948 ug/mlm
5) N-HEXADECANE	10.141	8216759	65.450 ug/mlm
6) N-OCTADECANE	11.591	7270832	55.480 ug/mlm
7) N-EICOSANE	12.904	5660794	41.754 ug/mlm
8) N-DOCOSANE	14.104	3904649	29.440 ug/mlm
10) N-TETRACOSANE	15.211	2969454	22.346 ug/ml
11) N-HEXACOSANE	16.234	2563021	19.326 ug/ml
12) N-OCTACOSANE	17.187	2479545	18.808 ug/ml
13) N-TRIACONTANE	18.077	2516947	18.879 ug/ml
14) N-DOTRIACONTANE	18.913	2244921	17.029 ug/ml
15) N-TETRATRIACONTANE	19.699	1461208	12.082 ug/ml
16) N-HEXATRIACONTANE	20.441	1107009	10.325 ug/ml
17) N-OCTATRIACONTANE	21.191	828703	8.603 ug/ml
18) N-TETRACONTANE	22.110	1017729	11.429 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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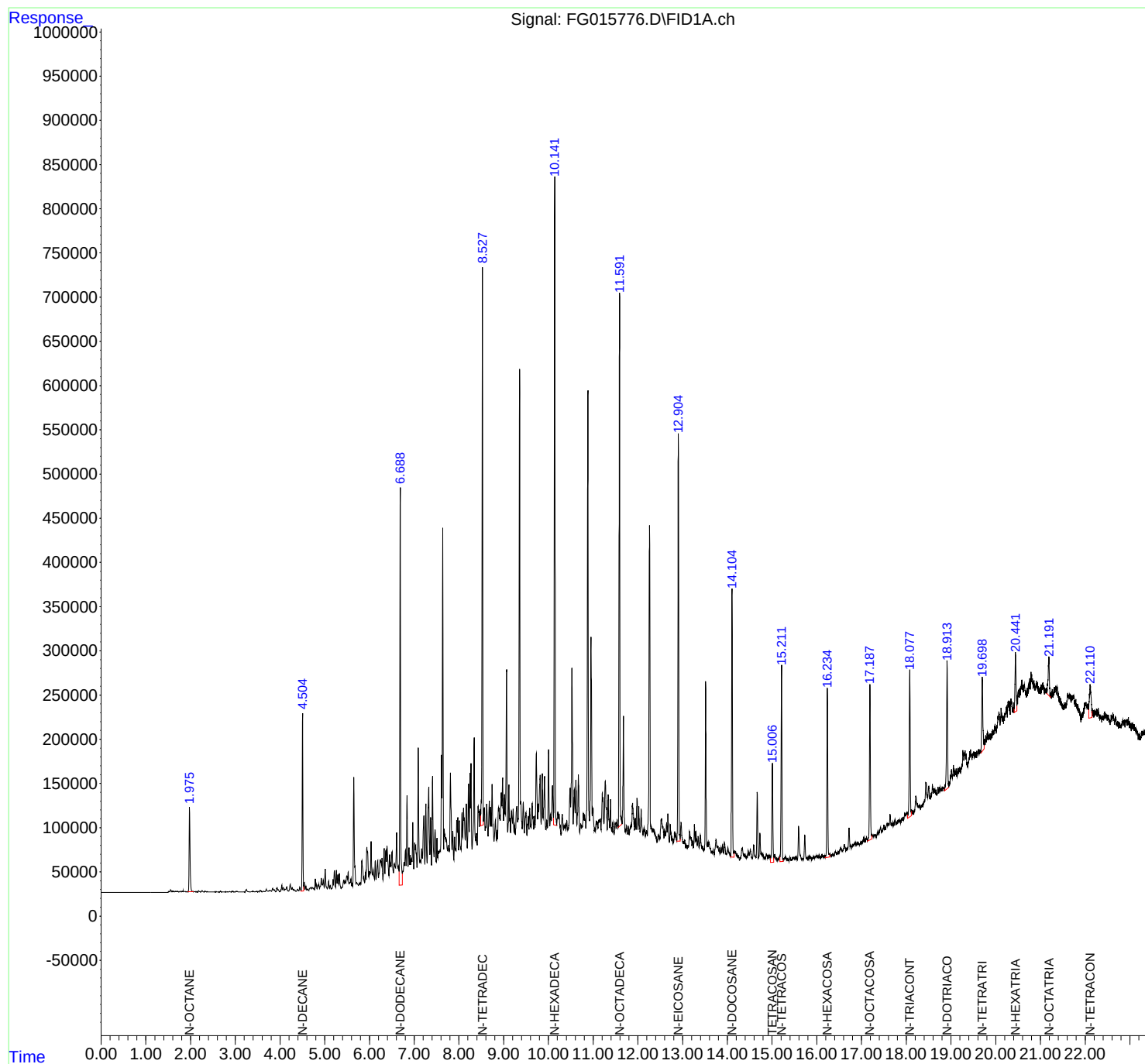
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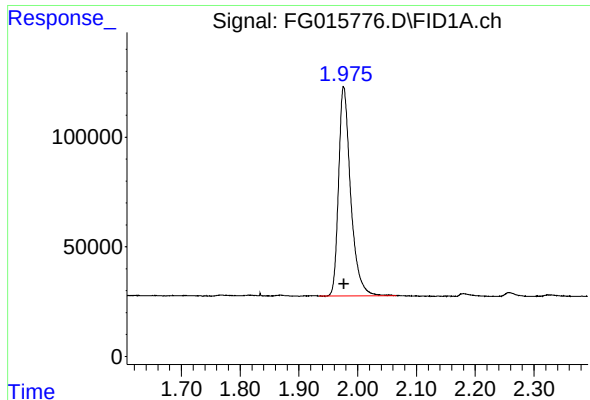
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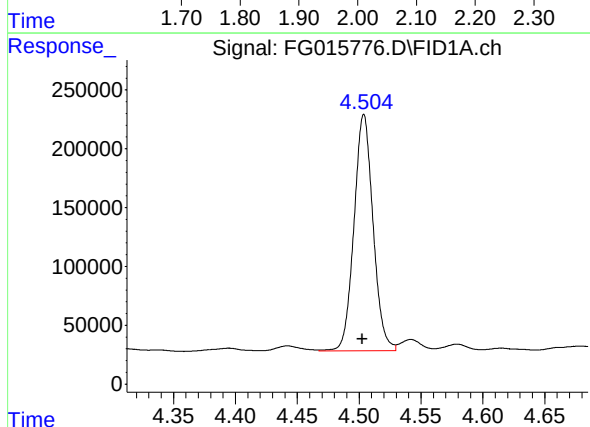
#1 N-OCTANE

R.T.: 1.976 min
Delta R.T.: 0.000 min
Response: 1358905
Conc: 12.06 ug/ml

Instrument :
FID_G
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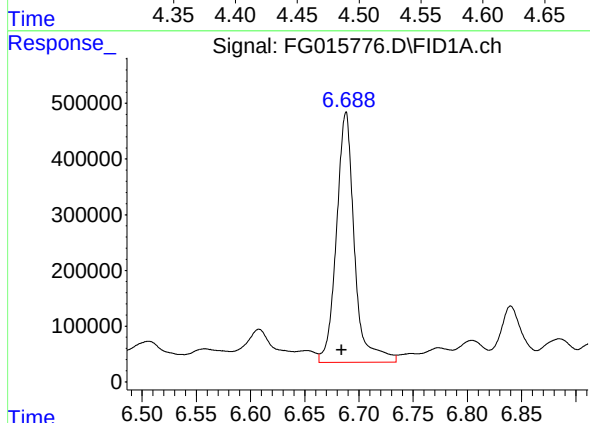
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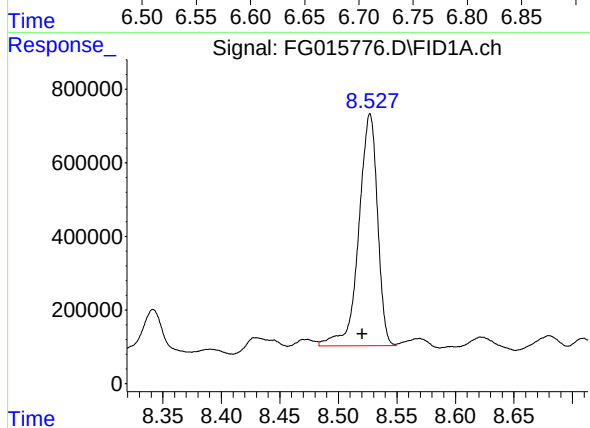
#2 N-DECANE

R.T.: 4.504 min
Delta R.T.: 0.001 min
Response: 2159422
Conc: 19.40 ug/ml



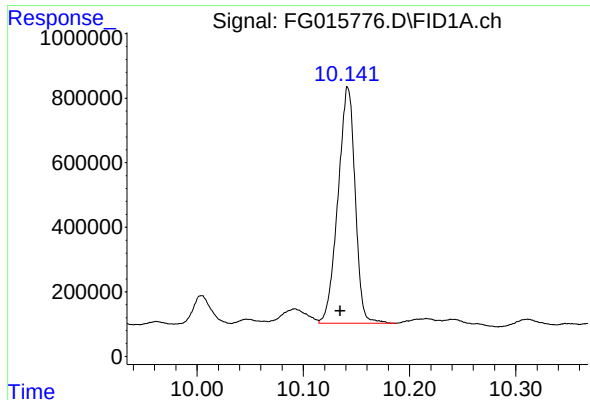
#3 N-DODECANE

R.T.: 6.688 min
Delta R.T.: 0.004 min
Response: 5192621
Conc: 45.31 ug/ml



#4 N-TETRADECANE

R.T.: 8.527 min
Delta R.T.: 0.006 min
Response: 7021700
Conc: 57.95 ug/ml m



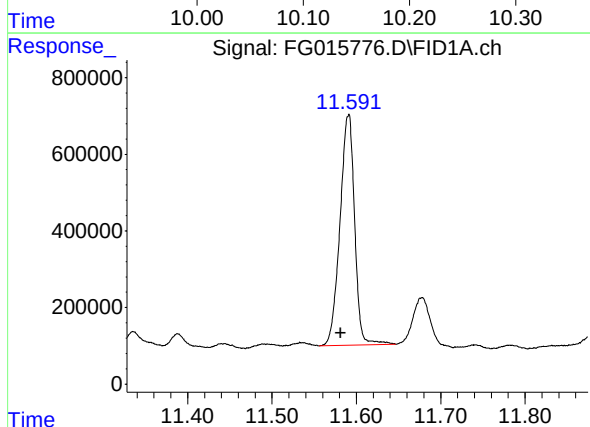
#5 N-HEXADECANE

R.T.: 10.141 min
Delta R.T.: 0.006 min
Response: 8216759
Conc: 65.45 ug/ml

Instrument :
FID_G
ClientSampleId :
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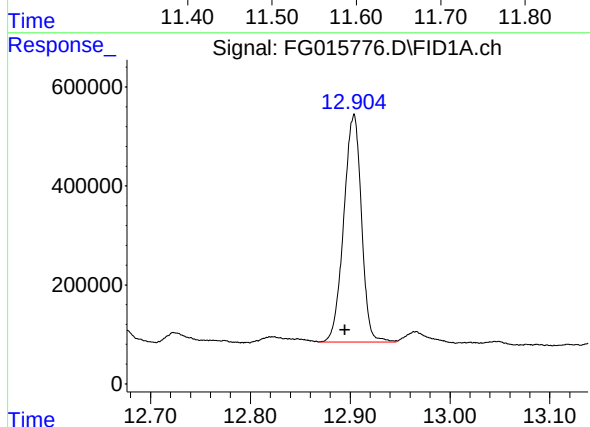
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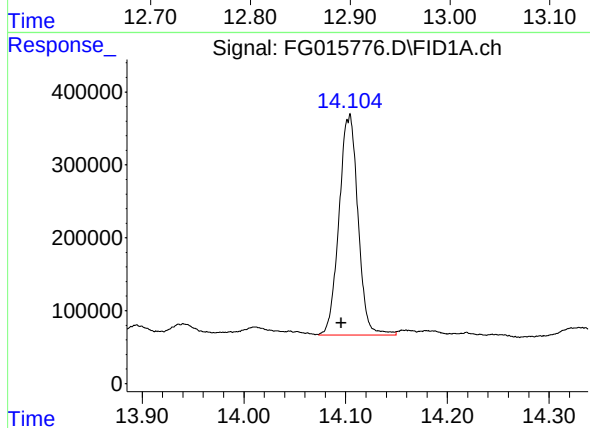
#6 N-OCTADECANE

R.T.: 11.591 min
Delta R.T.: 0.010 min
Response: 7270832
Conc: 55.48 ug/ml m



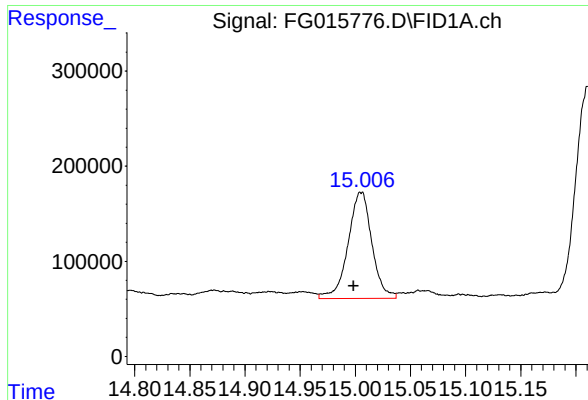
#7 N-EICOSANE

R.T.: 12.904 min
Delta R.T.: 0.009 min
Response: 5660794
Conc: 41.75 ug/ml m



#8 N-DOCOSANE

R.T.: 14.104 min
Delta R.T.: 0.008 min
Response: 3904649
Conc: 29.44 ug/ml m



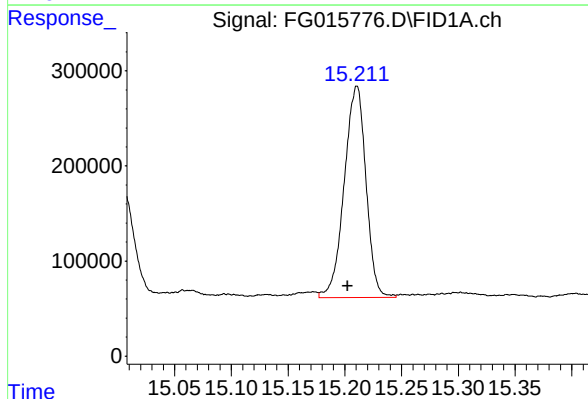
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.005 min
Delta R.T.: 0.007 min
Response: 1681540
Conc: 14.28 ug/ml

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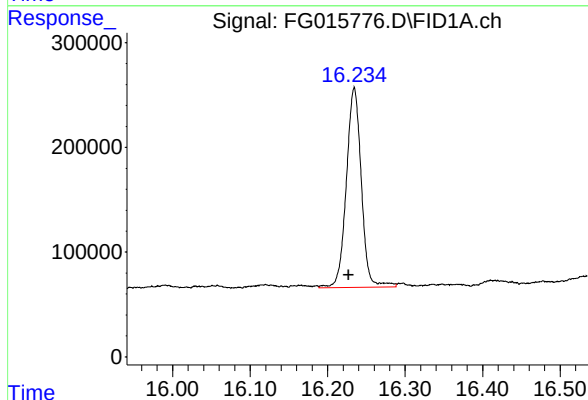
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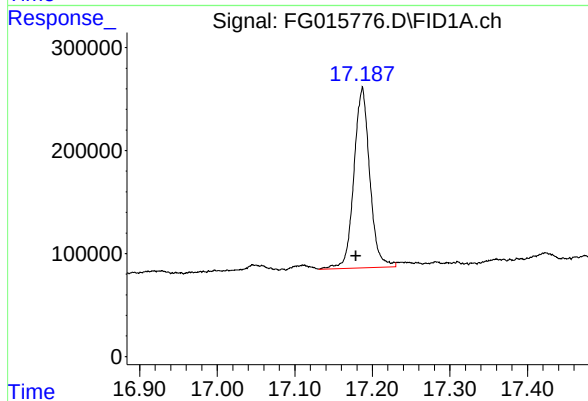
#10 N-TETRACOSANE

R.T.: 15.211 min
Delta R.T.: 0.008 min
Response: 2969454
Conc: 22.35 ug/ml



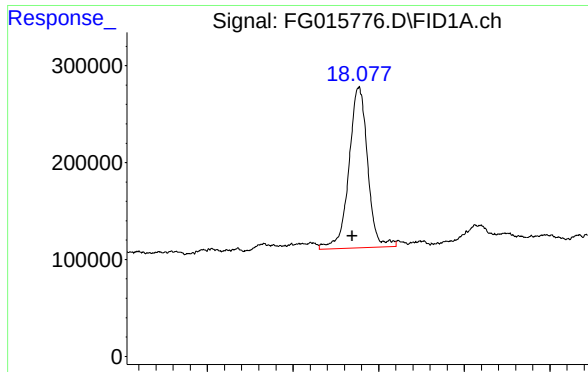
#11 N-HEXACOSANE

R.T.: 16.234 min
Delta R.T.: 0.007 min
Response: 2563021
Conc: 19.33 ug/ml



#12 N-OCTACOSANE

R.T.: 17.187 min
Delta R.T.: 0.008 min
Response: 2479545
Conc: 18.81 ug/ml



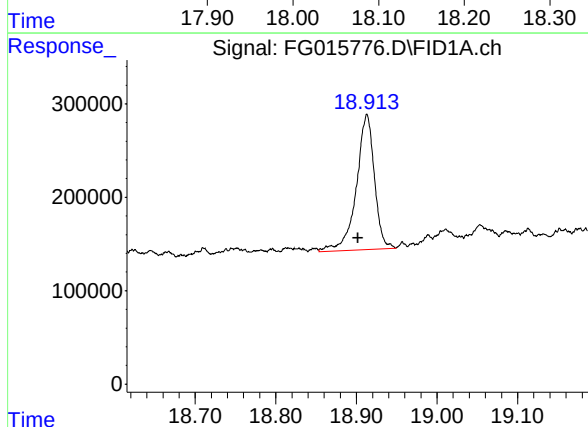
#13 N-TRIACONTANE

R.T.: 18.077 min
Delta R.T.: 0.008 min
Response: 2516947
Conc: 18.88 ug/ml

Instrument :
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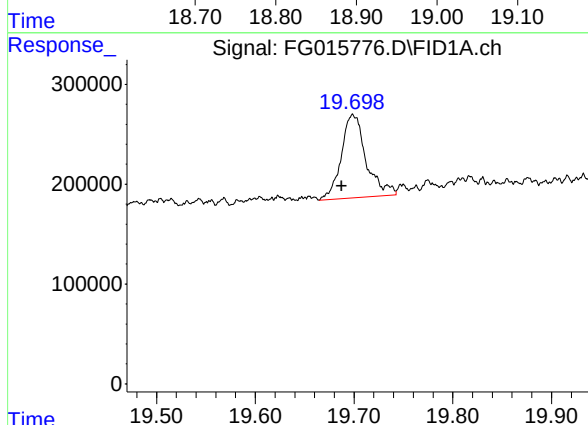
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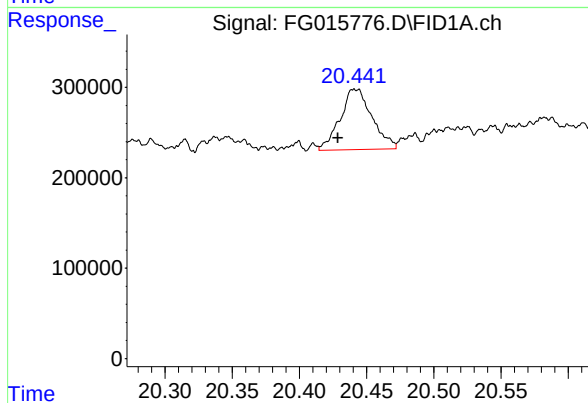
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: 0.011 min
Response: 2244921
Conc: 17.03 ug/ml



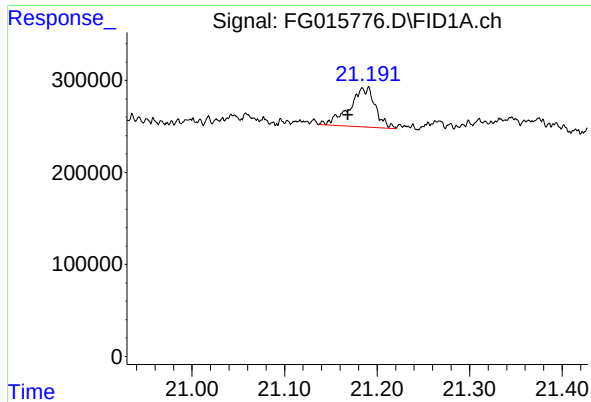
#15 N-TETRATRIACONTANE

R.T.: 19.699 min
Delta R.T.: 0.011 min
Response: 1461208
Conc: 12.08 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.441 min
Delta R.T.: 0.012 min
Response: 1107009
Conc: 10.32 ug/ml



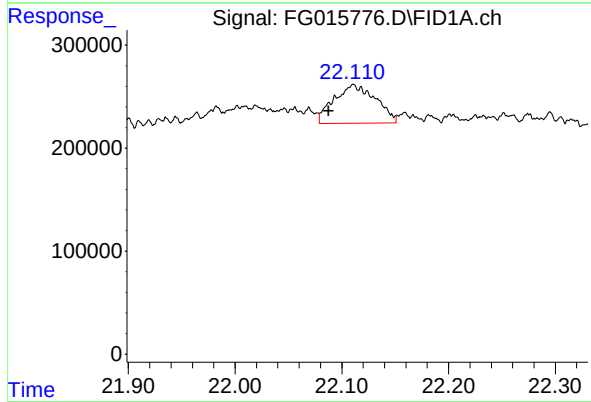
#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: 0.022 min
Response: 828703
Conc: 8.60 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.110 min
Delta R.T.: 0.023 min
Response: 1017729
Conc: 11.43 ug/ml