

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015777.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 21:13
 Operator : YP\AJ
 Sample : Q1877-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-6-042425MSD

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 01:22:25 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...	15.007	1648314	14.000 ug/ml
Target Compounds			
1) N-OCTANE	1.979	1334217	11.839 ug/ml
2) N-DECANE	4.505	2136060	19.186 ug/ml
3) N-DODECANE	6.689	4621905	40.330 ug/mlm
4) N-TETRADECANE	8.527	6931972	57.207 ug/mlm
5) N-HEXADECANE	10.144	8110272	64.602 ug/mlm
6) N-OCTADECANE	11.591	7149030	54.551 ug/mlm
7) N-EICOSANE	12.904	5862039	43.238 ug/mlm
8) N-DOCOSANE	14.105	4290830	32.352 ug/ml
10) N-TETRACOSANE	15.212	2921542	21.985 ug/ml
11) N-HEXACOSANE	16.236	2545978	19.197 ug/ml
12) N-OCTACOSANE	17.190	2451607	18.596 ug/ml
13) N-TRIACONTANE	18.080	2483817	18.631 ug/ml
14) N-DOTRIACONTANE	18.917	2166001	16.431 ug/ml
15) N-TETRATRIACONTANE	19.703	1450069	11.990 ug/ml
16) N-HEXATRIACONTANE	20.449	1150845	10.734 ug/ml
17) N-OCTATRIACONTANE	21.188	877741	9.112 ug/ml
18) N-TETRACONTANE	22.119	1012069	11.366 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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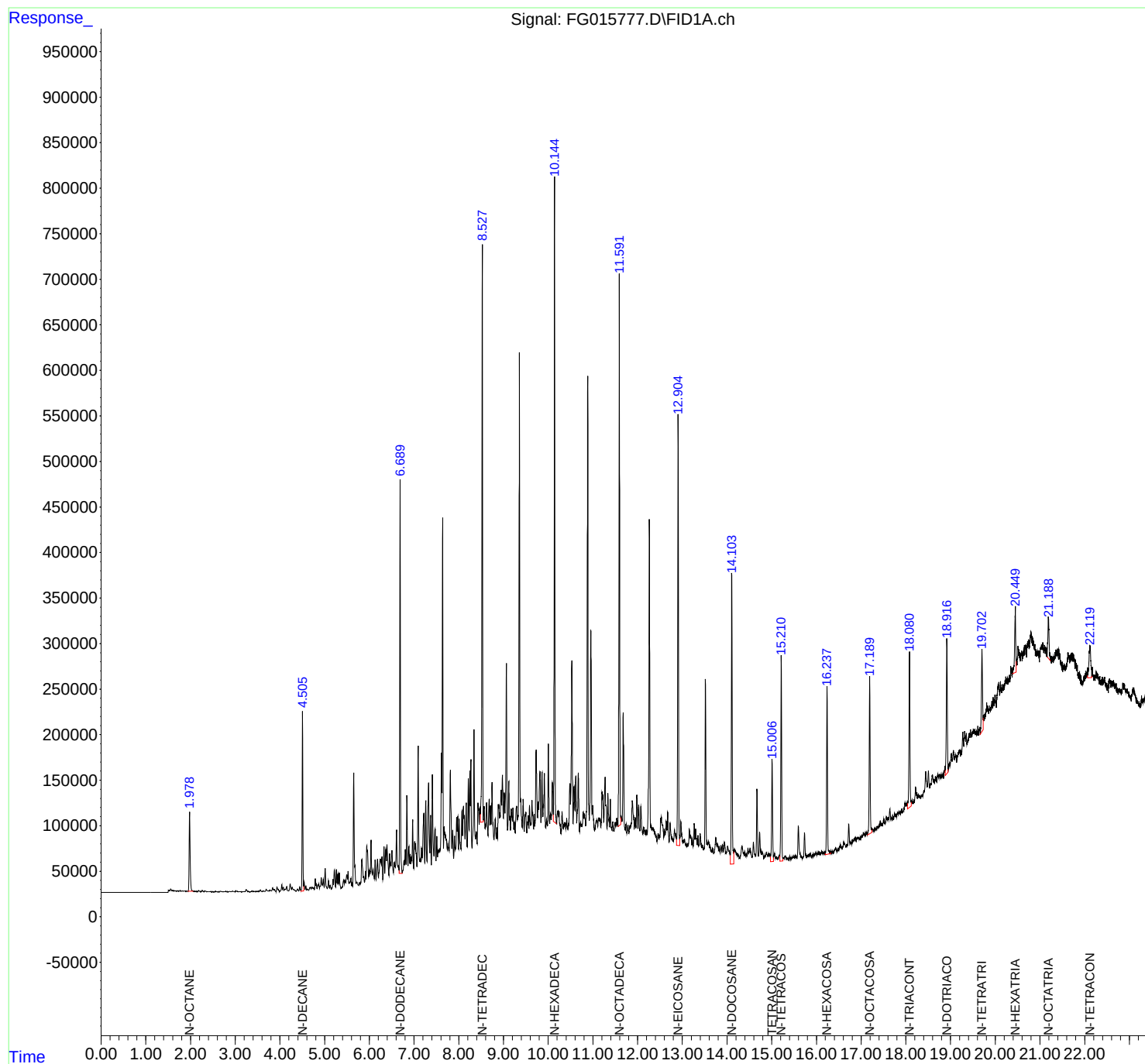
APPROVED

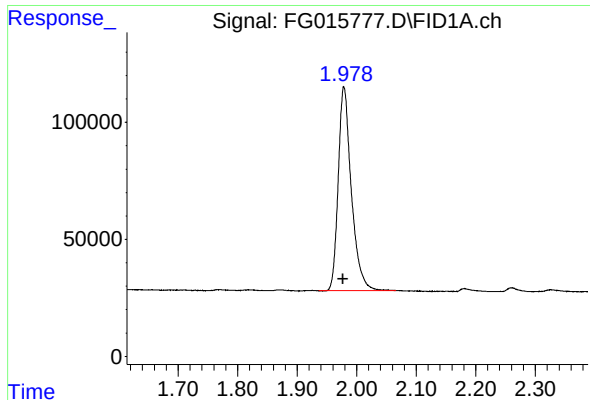
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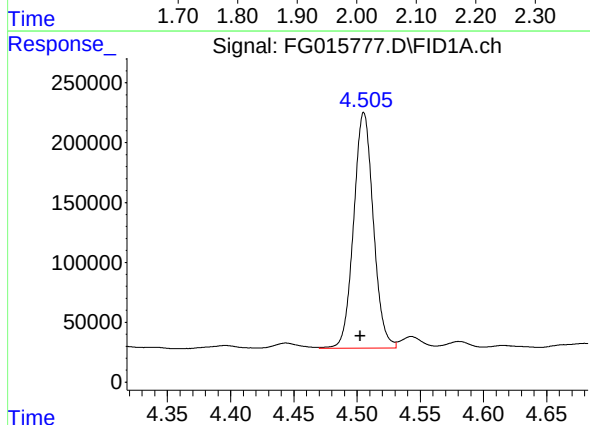
#1 N-OCTANE

R.T.: 1.979 min
Delta R.T.: 0.002 min
Response: 1334217
Conc: 11.84 ug/ml

Instrument :
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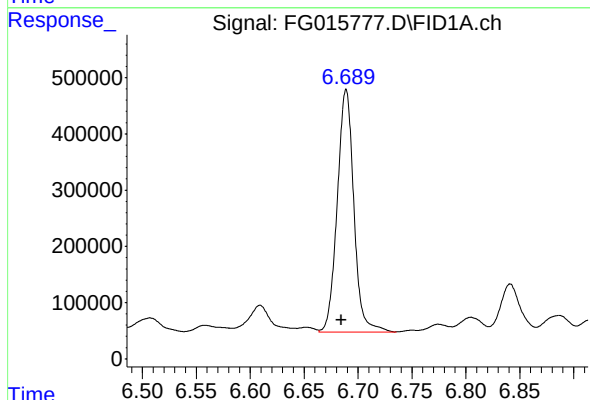
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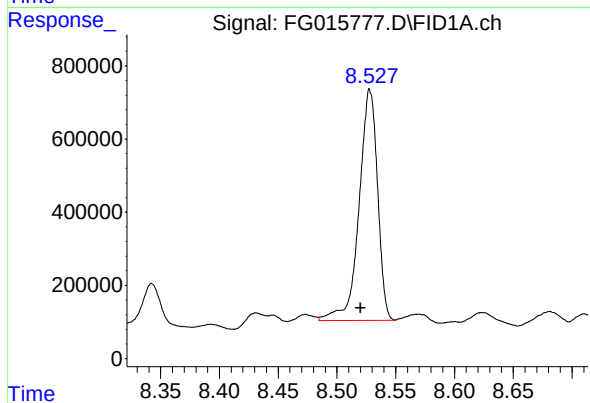
#2 N-DECANE

R.T.: 4.505 min
Delta R.T.: 0.003 min
Response: 2136060
Conc: 19.19 ug/ml



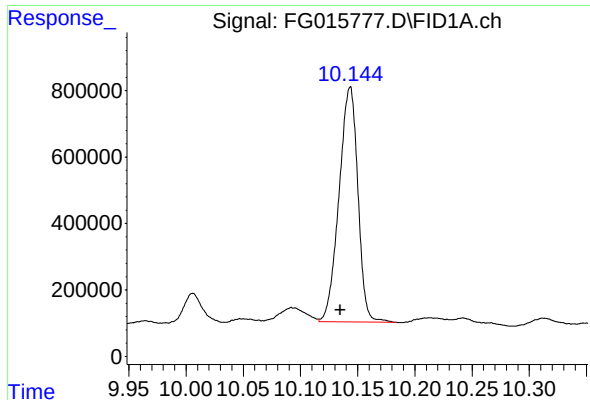
#3 N-DODECANE

R.T.: 6.689 min
Delta R.T.: 0.004 min
Response: 4621905
Conc: 40.33 ug/ml m



#4 N-TETRADECANE

R.T.: 8.527 min
Delta R.T.: 0.007 min
Response: 6931972
Conc: 57.21 ug/ml m



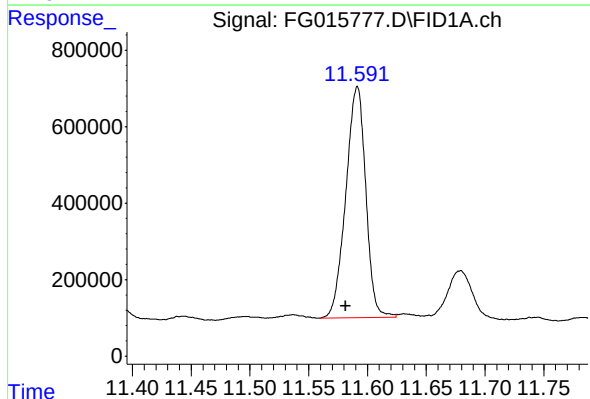
#5 N-HEXADECANE

R.T.: 10.144 min
Delta R.T.: 0.009 min
Response: 8110272
Conc: 64.60 ug/ml

Instrument :
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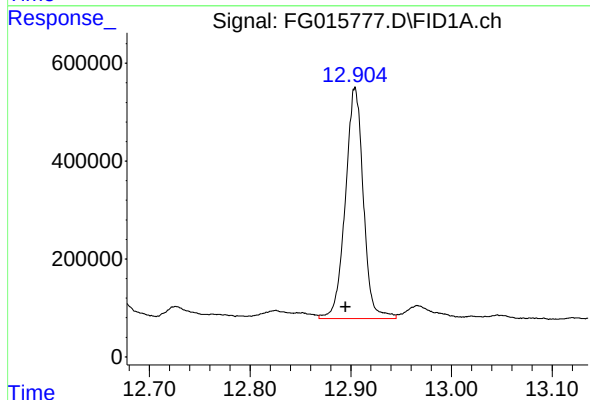
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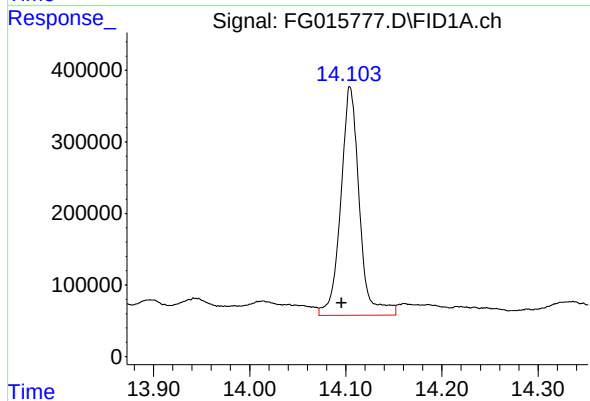
#6 N-OCTADECANE

R.T.: 11.591 min
Delta R.T.: 0.010 min
Response: 7149030
Conc: 54.55 ug/ml m



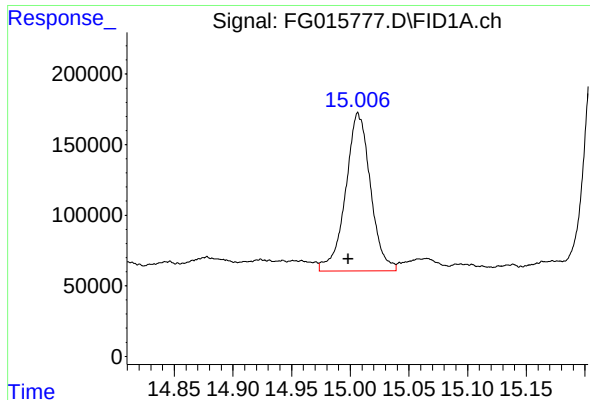
#7 N-EICOSANE

R.T.: 12.904 min
Delta R.T.: 0.009 min
Response: 5862039
Conc: 43.24 ug/ml m



#8 N-DOCOSANE

R.T.: 14.105 min
Delta R.T.: 0.009 min
Response: 4290830
Conc: 32.35 ug/ml



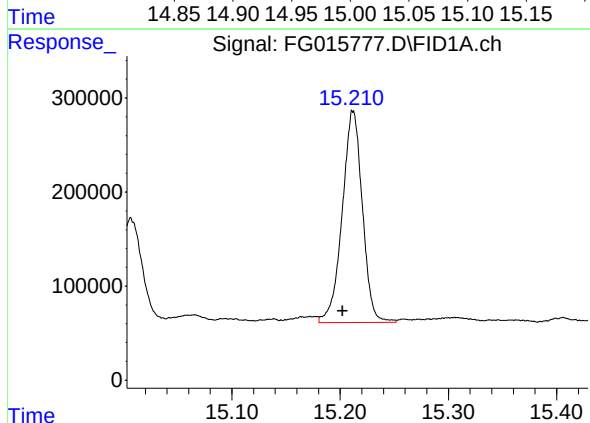
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.007 min
Delta R.T.: 0.008 min
Response: 1648314
Conc: 14.00 ug/ml

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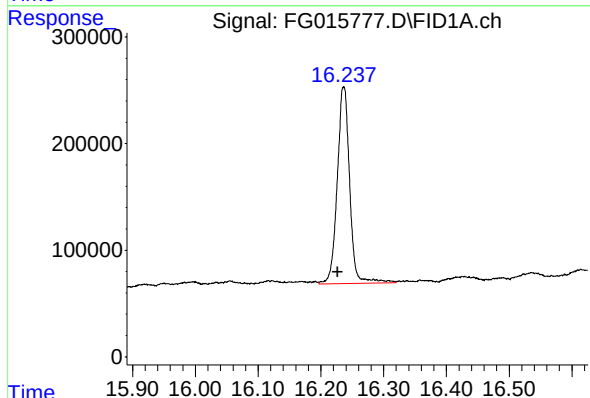
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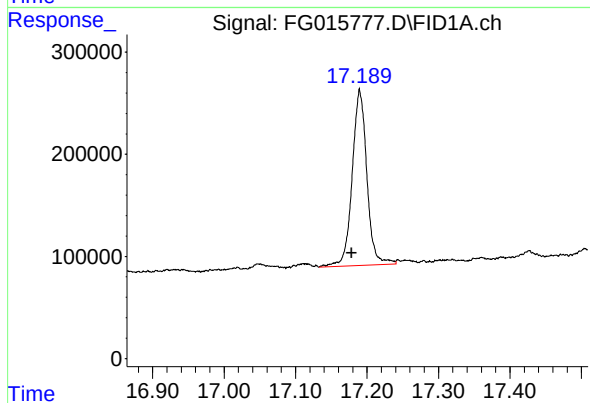
#10 N-TETRACOSANE

R.T.: 15.212 min
Delta R.T.: 0.010 min
Response: 2921542
Conc: 21.99 ug/ml



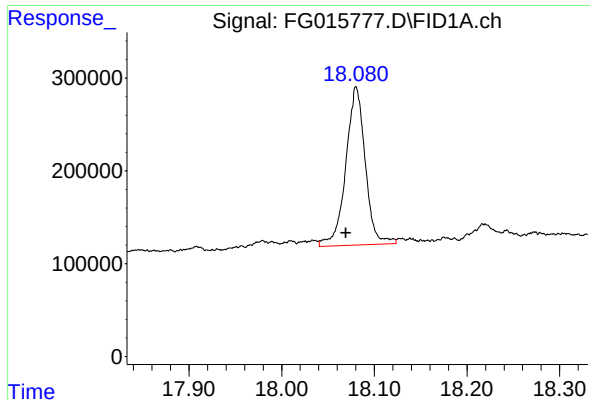
#11 N-HEXACOSANE

R.T.: 16.236 min
Delta R.T.: 0.010 min
Response: 2545978
Conc: 19.20 ug/ml



#12 N-OCTACOSANE

R.T.: 17.190 min
Delta R.T.: 0.011 min
Response: 2451607
Conc: 18.60 ug/ml



#13 N-TRIACONTANE

R.T.: 18.080 min
Delta R.T.: 0.011 min
Response: 2483817
Conc: 18.63 ug/ml

Instrument :

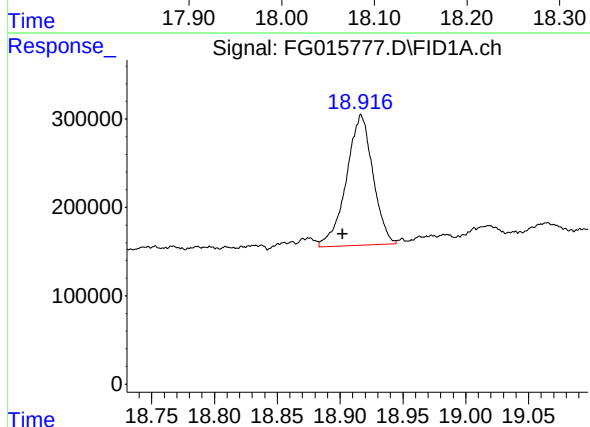
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ClientSampleId :

AU-6-042425MSD

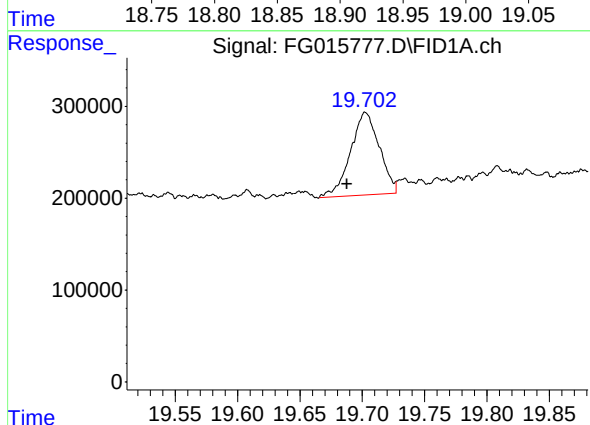
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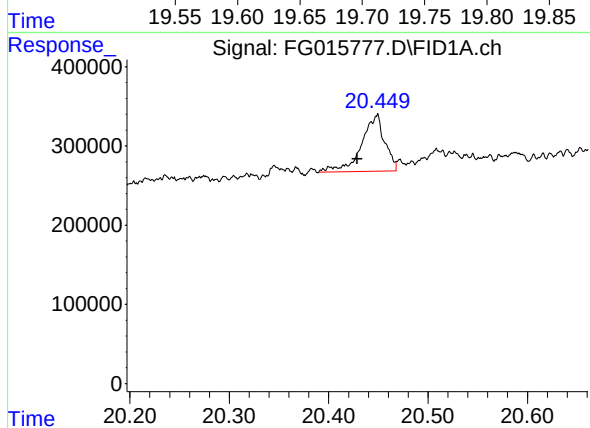
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: 0.015 min
Response: 2166001
Conc: 16.43 ug/ml



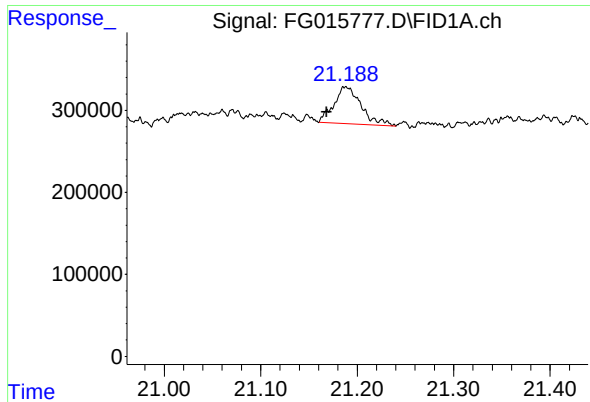
#15 N-TETRATRIACONTANE

R.T.: 19.703 min
Delta R.T.: 0.015 min
Response: 1450069
Conc: 11.99 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.449 min
Delta R.T.: 0.020 min
Response: 1150845
Conc: 10.73 ug/ml



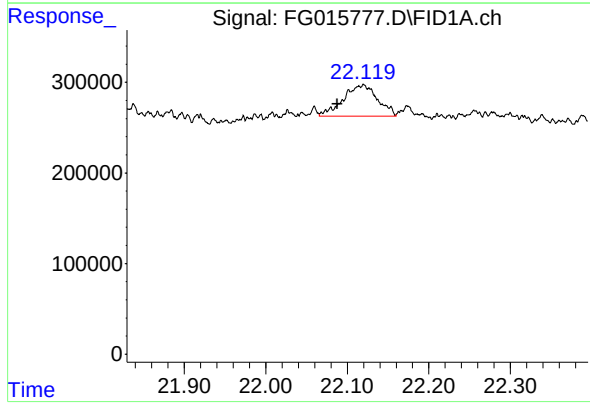
#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.019 min
Response: 877741
Conc: 9.11 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.119 min
Delta R.T.: 0.032 min
Response: 1012069
Conc: 11.37 ug/ml m