

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040425\
 Data File : FG015644.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2025 13:44
 Operator : YP\AJ
 Sample : Q1721-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-040325MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e
 Quant Time: Apr 04 22:59:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.016	1443057	12.596 ug/ml
Target Compounds			
1) N-OCTANE	1.984	1039553	8.944 ug/ml
2) N-DECANE	4.515	1738029	14.712 ug/ml
3) N-DODECANE	6.697	2189444	18.031 ug/ml
4) N-TETRADECANE	8.534	2622178	20.794 ug/ml
5) N-HEXADECANE	10.148	2847723	22.117 ug/ml
6) N-OCTADECANE	11.596	2907050	22.066 ug/ml
7) N-EICOSANE	12.911	2690478	20.093 ug/ml
8) N-DOCOSANE	14.113	2575784	19.822 ug/ml
10) N-TETRACOSANE	15.221	2779312	21.458 ug/ml
11) N-HEXACOSANE	16.246	2526508	19.851 ug/ml
12) N-OCTACOSANE	17.200	2601059	20.808 ug/ml
13) N-TRIACONTANE	18.090	2346568	18.746 ug/mlm
14) N-DOTRIACONTANE	18.927	2253317	18.987 ug/ml
15) N-TETRATRIACONTANE	19.713	1278245	12.246 ug/mlm
16) N-HEXATRIACONTANE	20.454	1193432	13.617 ug/mlm
17) N-OCTATRIACONTANE	21.201	1165145	15.612 ug/ml
18) N-TETRACONTANE	22.134	701828	10.596 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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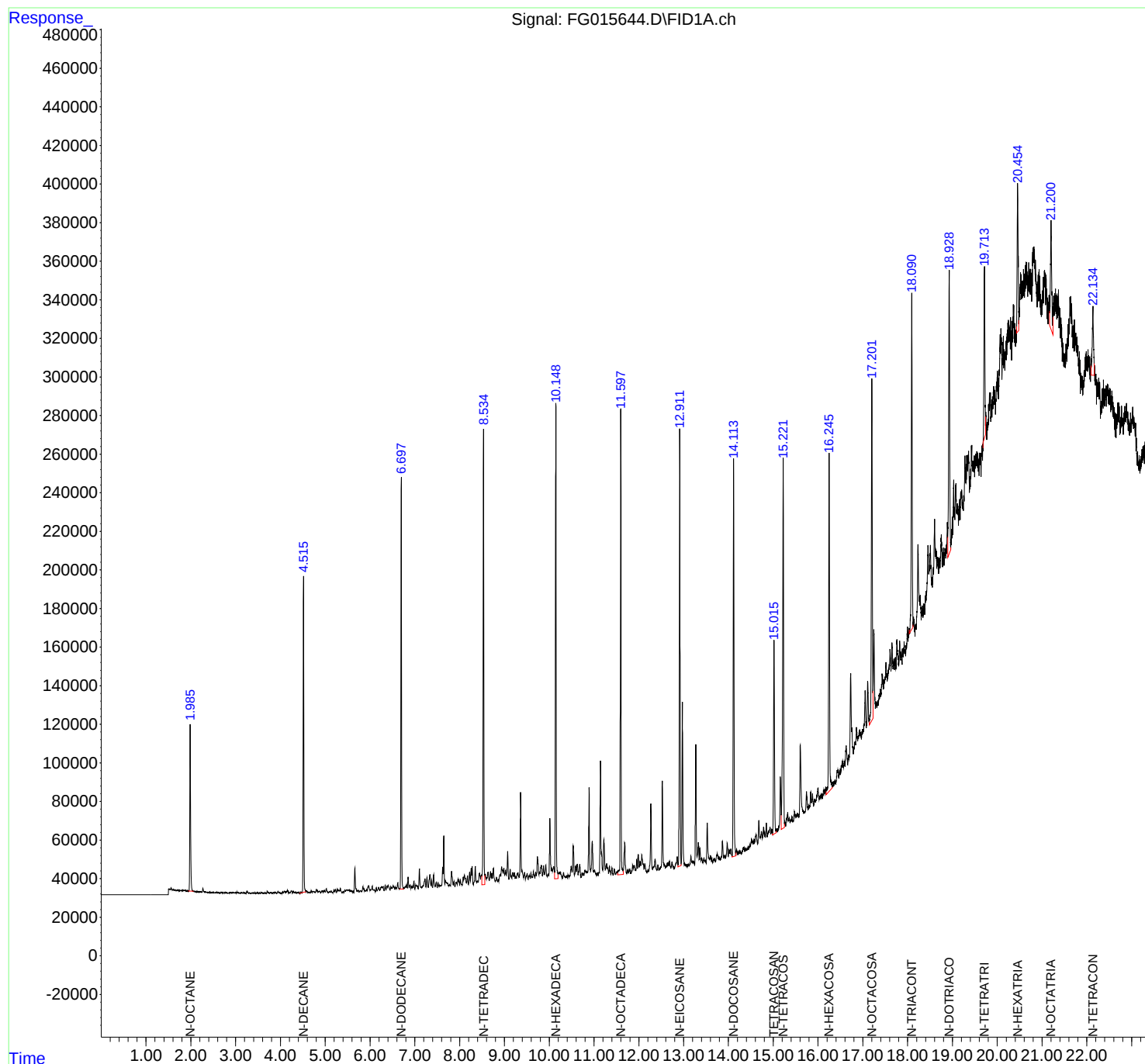
APPROVED

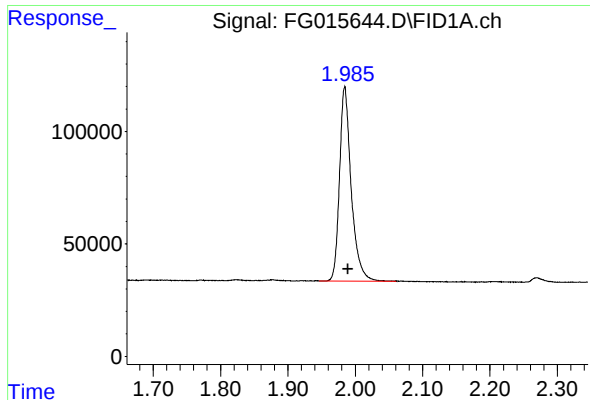
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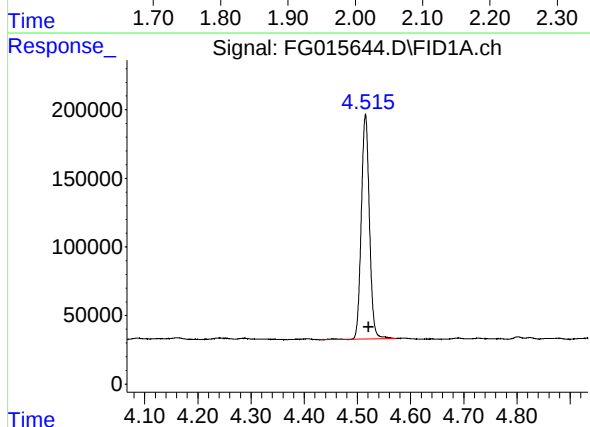
#1 N-OCTANE

R.T.: 1.984 min
Delta R.T.: -0.005 min
Response: 1039553
Conc: 8.94 ug/ml

Instrument :
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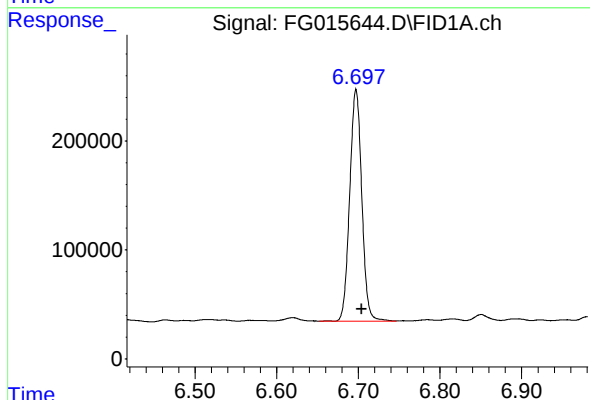
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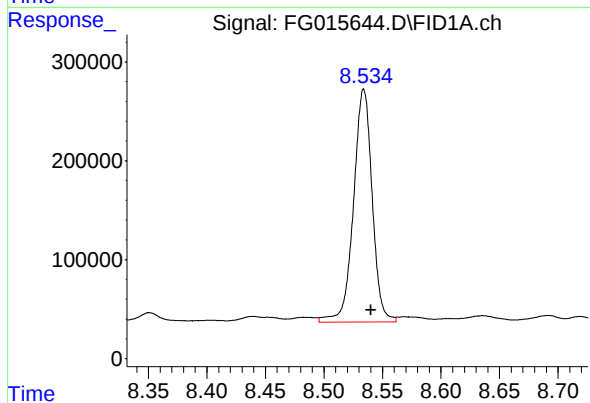
#2 N-DECANE

R.T.: 4.515 min
Delta R.T.: -0.006 min
Response: 1738029
Conc: 14.71 ug/ml



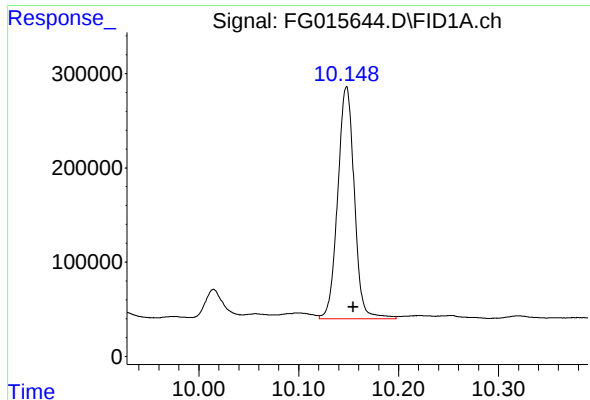
#3 N-DODECANE

R.T.: 6.697 min
Delta R.T.: -0.007 min
Response: 2189444
Conc: 18.03 ug/ml



#4 N-TETRADECANE

R.T.: 8.534 min
Delta R.T.: -0.006 min
Response: 2622178
Conc: 20.79 ug/ml



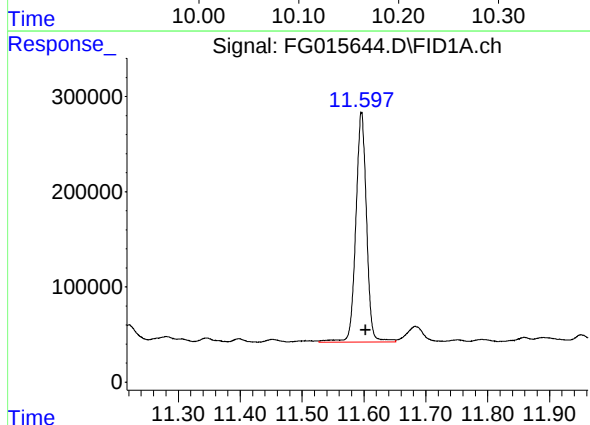
#5 N-HEXADECANE

R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 2847723
Conc: 22.12 ug/ml

Instrument :
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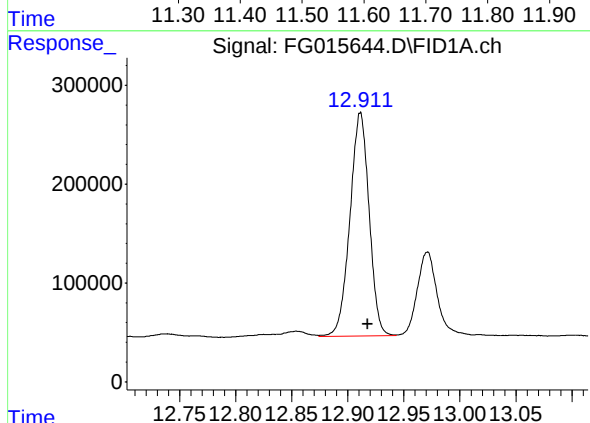
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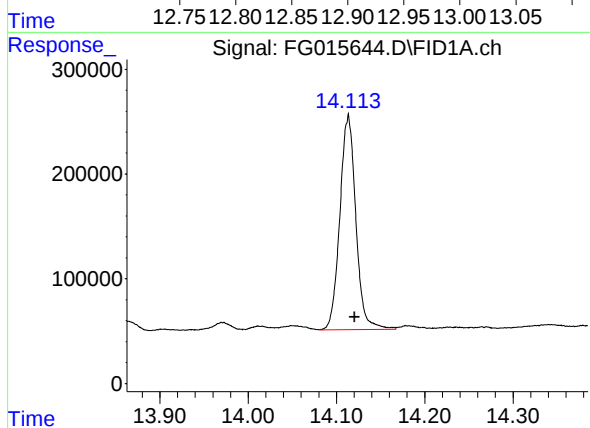
#6 N-OCTADECANE

R.T.: 11.596 min
Delta R.T.: -0.007 min
Response: 2907050
Conc: 22.07 ug/ml



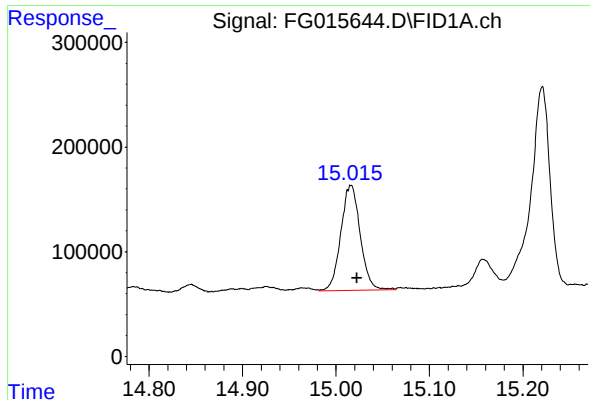
#7 N-EICOSANE

R.T.: 12.911 min
Delta R.T.: -0.006 min
Response: 2690478
Conc: 20.09 ug/ml



#8 N-DOCOSANE

R.T.: 14.113 min
Delta R.T.: -0.007 min
Response: 2575784
Conc: 19.82 ug/ml



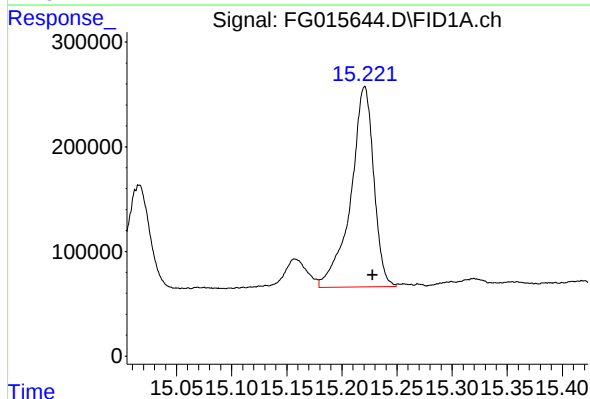
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.016 min
Delta R.T.: -0.006 min
Response: 1443057
Conc: 12.60 ug/ml

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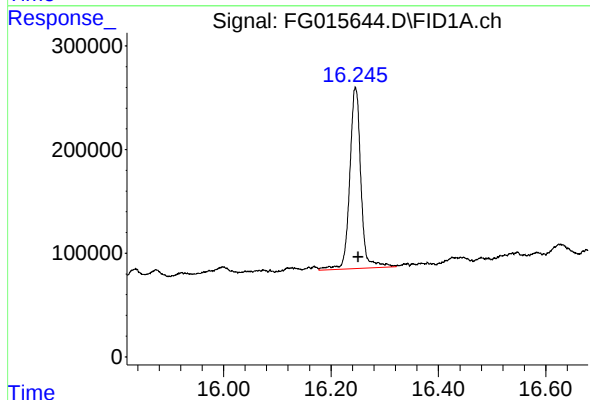
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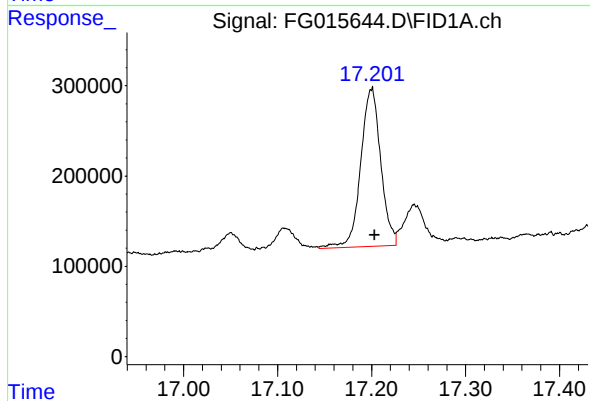
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.007 min
Response: 2779312
Conc: 21.46 ug/ml



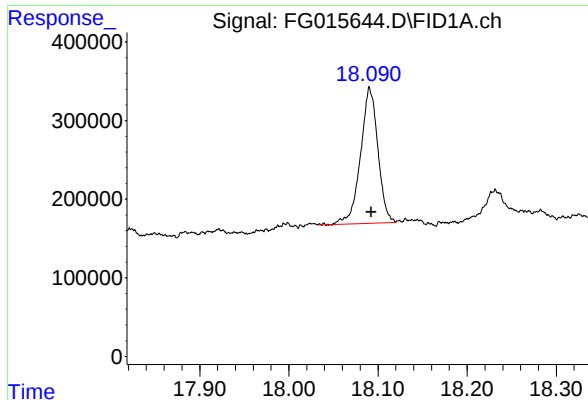
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: -0.006 min
Response: 2526508
Conc: 19.85 ug/ml



#12 N-OCTACOSANE

R.T.: 17.200 min
Delta R.T.: -0.003 min
Response: 2601059
Conc: 20.81 ug/ml



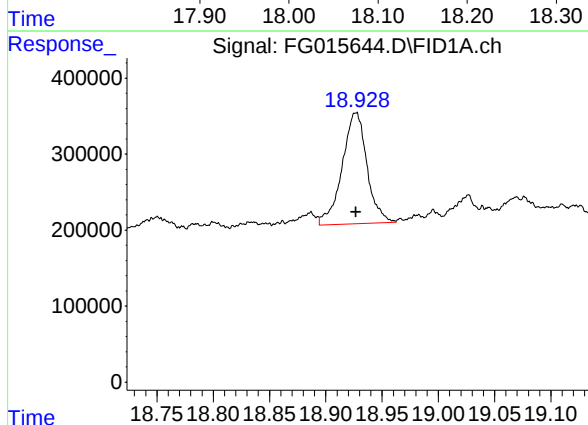
#13 N-TRIACONTANE

R.T.: 18.090 min
Delta R.T.: -0.003 min
Response: 2346568
Conc: 18.75 ug/ml

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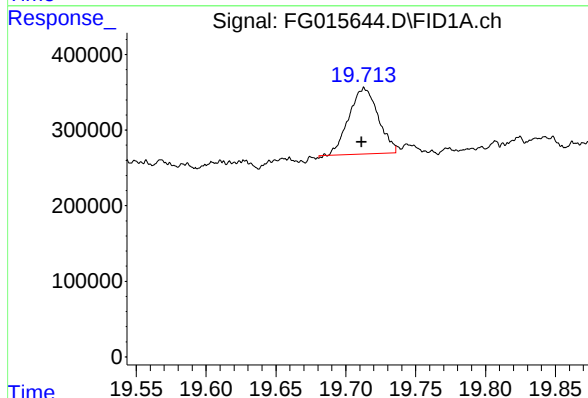
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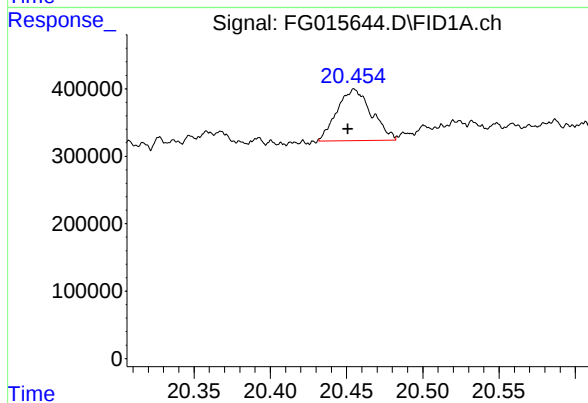
#14 N-DOTRIACONTANE

R.T.: 18.927 min
Delta R.T.: 0.000 min
Response: 2253317
Conc: 18.99 ug/ml



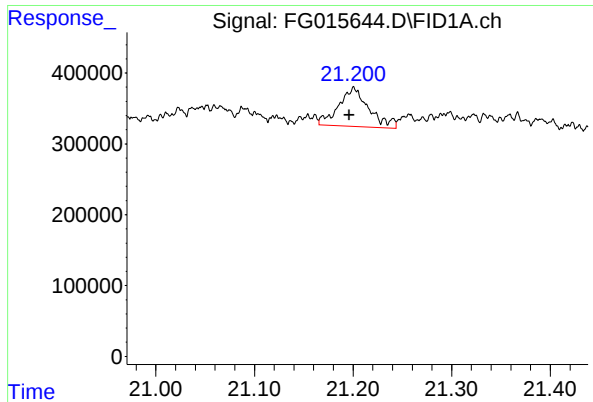
#15 N-TETRATRIACONTANE

R.T.: 19.713 min
Delta R.T.: 0.001 min
Response: 1278245
Conc: 12.25 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.454 min
Delta R.T.: 0.004 min
Response: 1193432
Conc: 13.62 ug/ml m



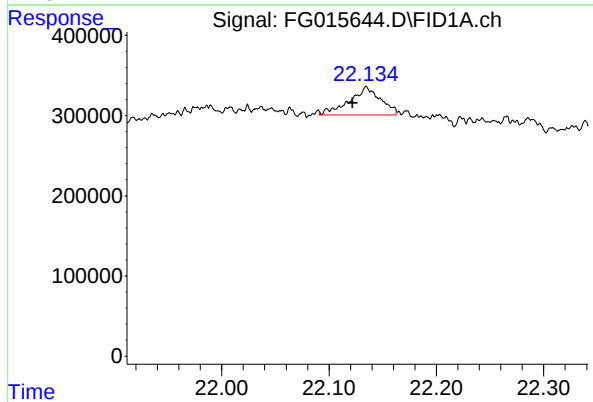
#17 N-OCTATRIACONTANE

R.T.: 21.201 min
Delta R.T.: 0.005 min
Response: 1165145
Conc: 15.61 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.134 min
Delta R.T.: 0.012 min
Response: 701828
Conc: 10.60 ug/ml m