

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030425\
 Data File : FG015439.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 17:47
 Operator : YP\AJ
 Sample : Q1474-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-03-02282025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e
 Quant Time: Mar 05 00:45:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.041	1631303	14.983 ug/ml
Target Compounds			
1) N-OCTANE	1.994	1565786	14.244 ug/ml
2) N-DECANE	4.535	2783642	25.016 ug/ml
3) N-DODECANE	6.719	4233894	36.430 ug/ml
4) N-TETRADECANE	8.558	6920935	60.063 ug/ml
5) N-HEXADECANE	10.176	9568800	80.620 ug/mlm
6) N-OCTADECANE	11.626	10027547	80.968 ug/mlm
7) N-EICOSANE	12.940	8755718	72.082 ug/ml
8) N-DOCOSANE	14.141	5275723	44.063 ug/ml
10) N-TETRACOSANE	15.249	3686173	30.869 ug/ml
11) N-HEXACOSANE	16.276	3768902	32.117 ug/ml
12) N-OCTACOSANE	17.232	3722732	32.161 ug/ml
13) N-TRIACONTANE	18.124	3499442	30.121 ug/ml
14) N-DOTRIACONTANE	18.963	3476664	30.134 ug/mlm
15) N-TETRATRIACONTANE	19.752	2948358	27.453 ug/mlm
16) N-HEXATRIACONTANE	20.496	2429908	25.347 ug/mlm
17) N-OCTATRIACONTANE	21.251	2750510	30.819 ug/mlm
18) N-TETRACONTANE	22.208	3284576	40.038 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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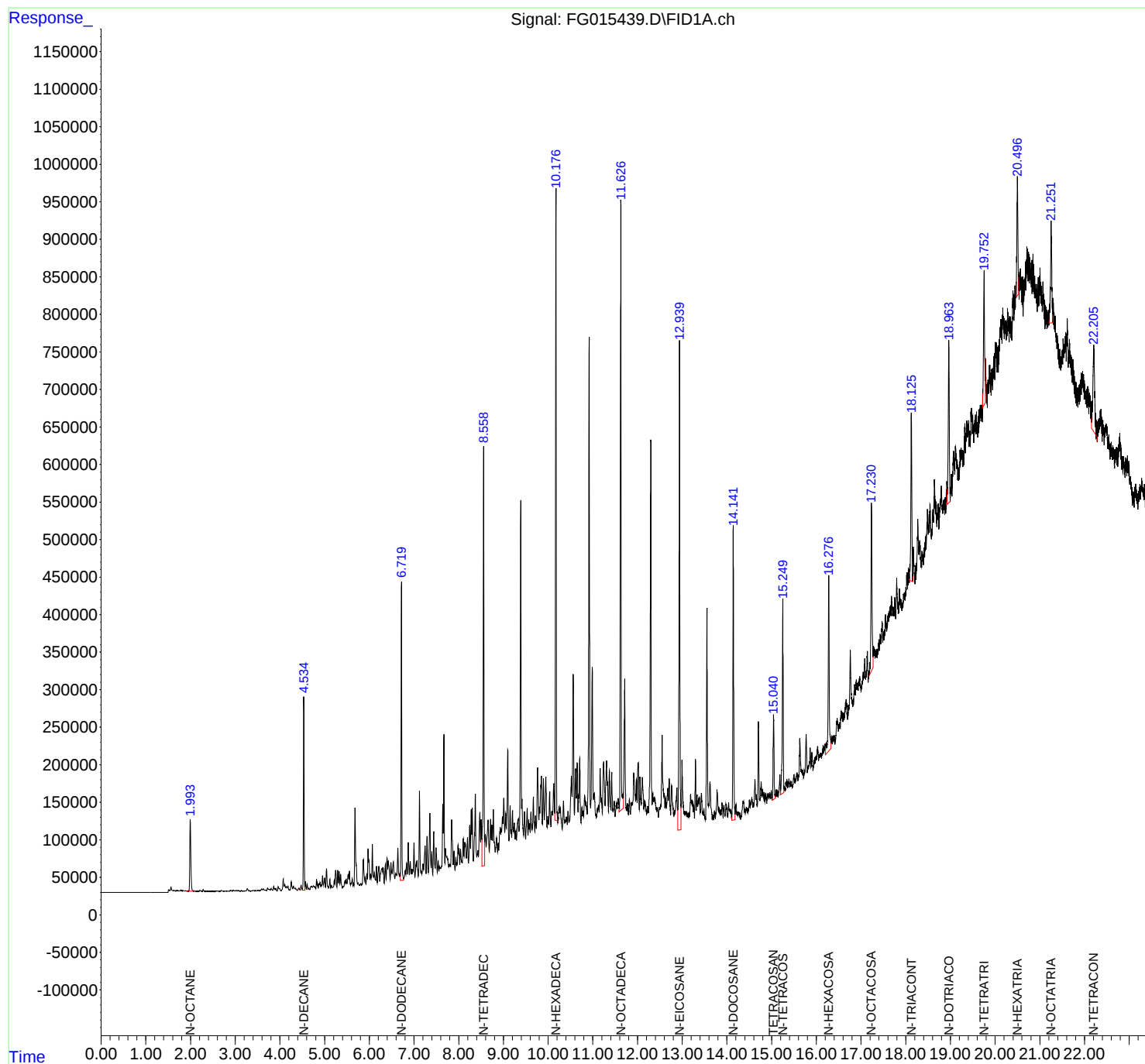
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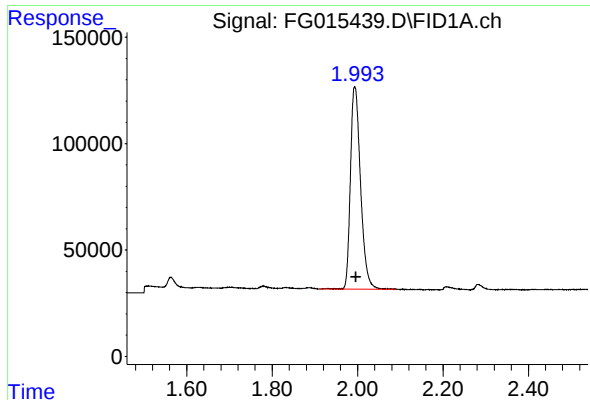
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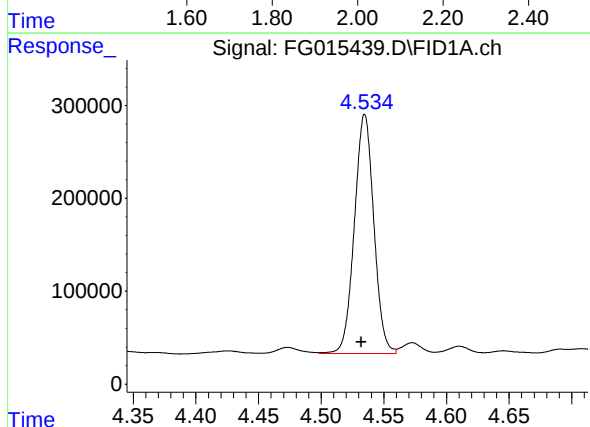
#1 N-OCTANE

R.T.: 1.994 min
Delta R.T.: -0.002 min
Response: 1565786
Conc: 14.24 ug/ml

Instrument :
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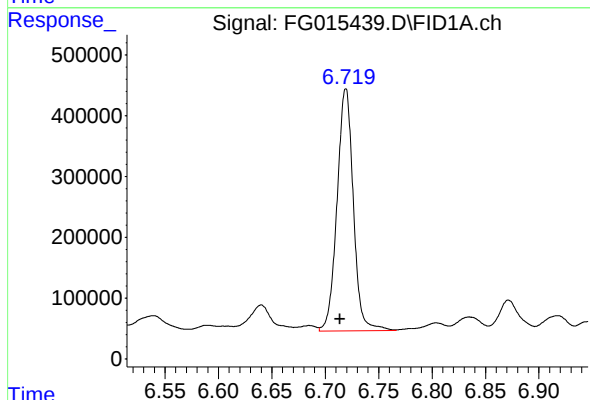
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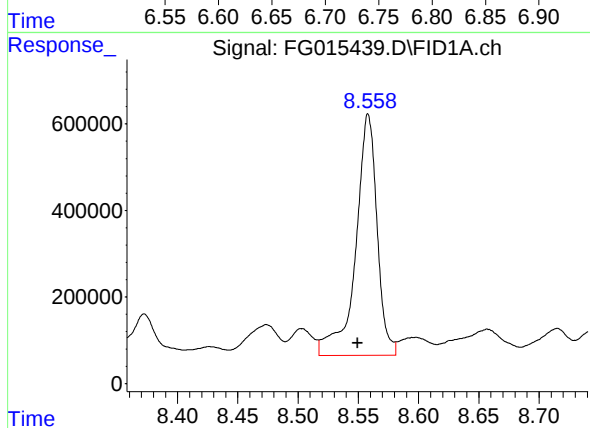
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 2783642
Conc: 25.02 ug/ml



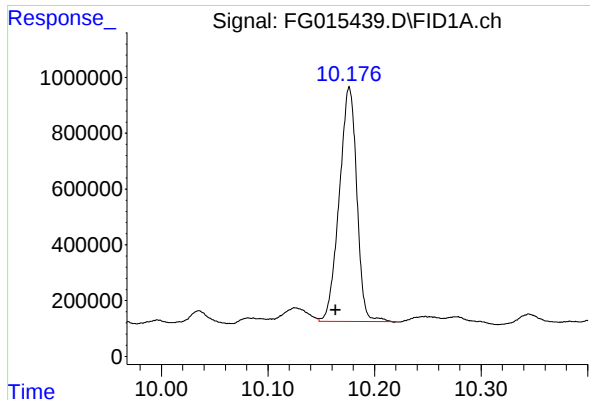
#3 N-DODECANE

R.T.: 6.719 min
Delta R.T.: 0.006 min
Response: 4233894
Conc: 36.43 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: 0.009 min
Response: 6920935
Conc: 60.06 ug/ml



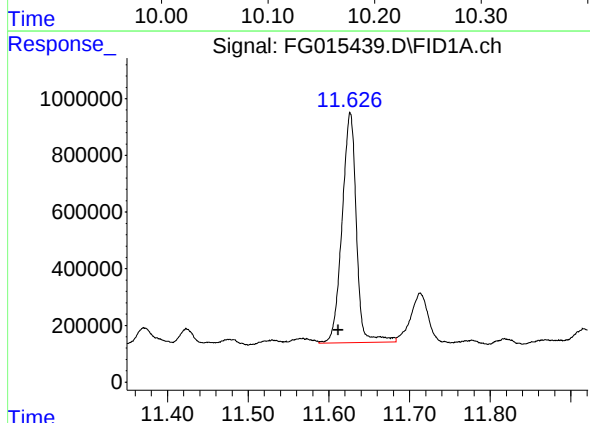
#5 N-HEXADECANE

R.T.: 10.176 min
Delta R.T.: 0.012 min
Response: 9568800
Conc: 80.62 ug/ml

Instrument :
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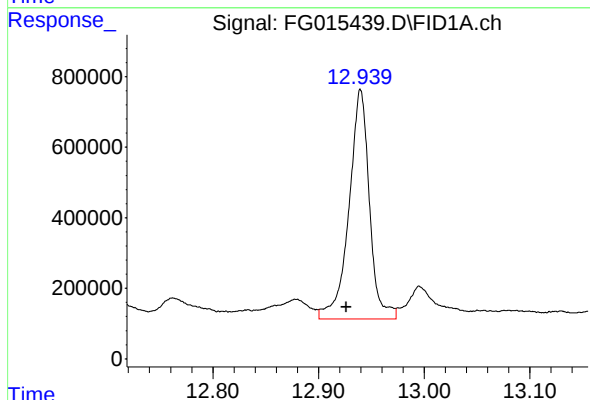
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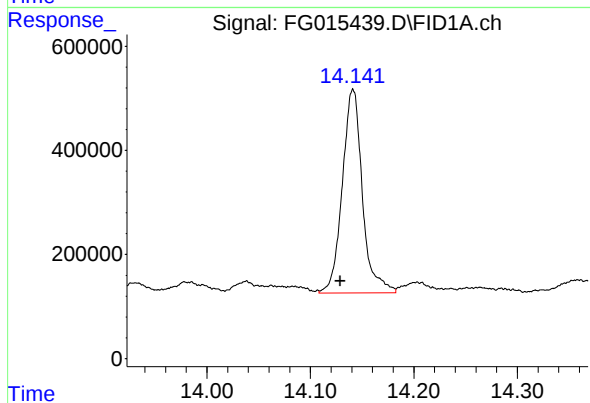
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: 0.014 min
Response: 10027547
Conc: 80.97 ug/ml m



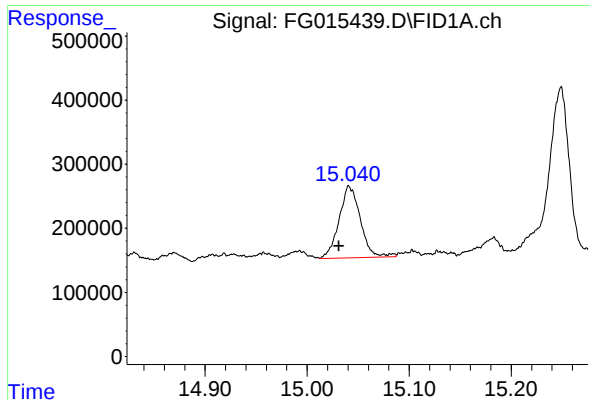
#7 N-EICOSANE

R.T.: 12.940 min
Delta R.T.: 0.013 min
Response: 8755718
Conc: 72.08 ug/ml



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: 0.012 min
Response: 5275723
Conc: 44.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: 0.010 min
Response: 1631303
Conc: 14.98 ug/ml

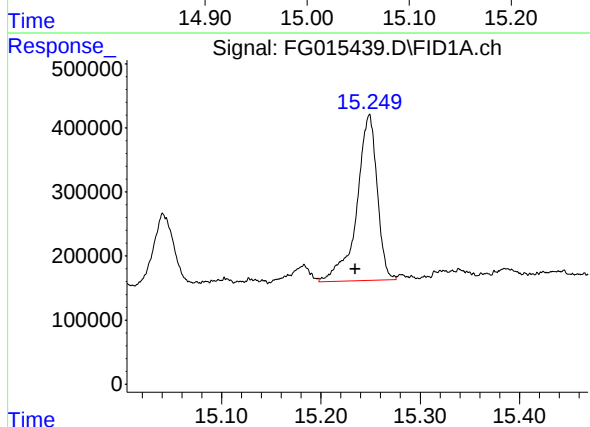
Instrument :

FID_G

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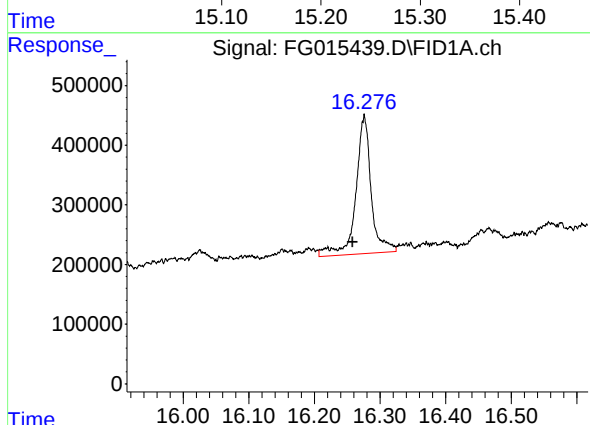
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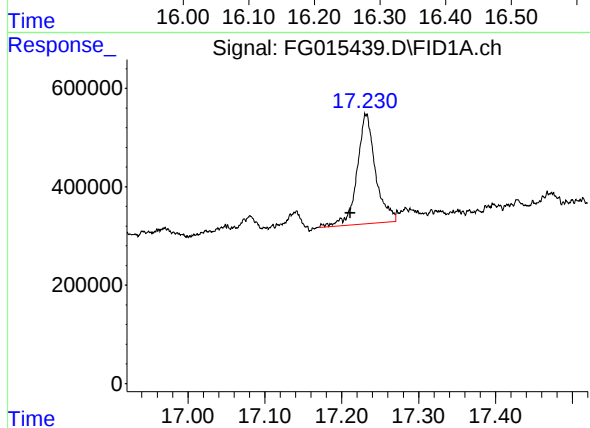
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: 0.014 min
Response: 3686173
Conc: 30.87 ug/ml



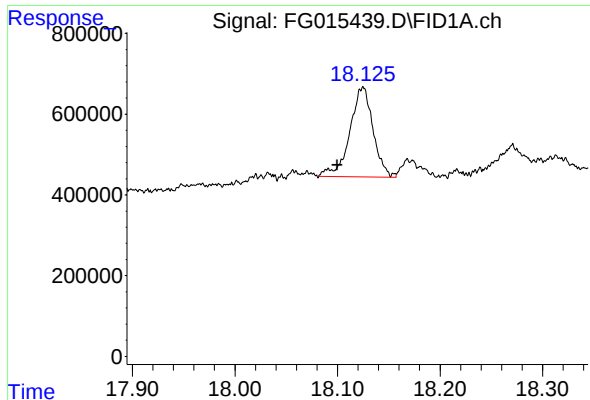
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: 0.018 min
Response: 3768902
Conc: 32.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.232 min
Delta R.T.: 0.021 min
Response: 3722732
Conc: 32.16 ug/ml



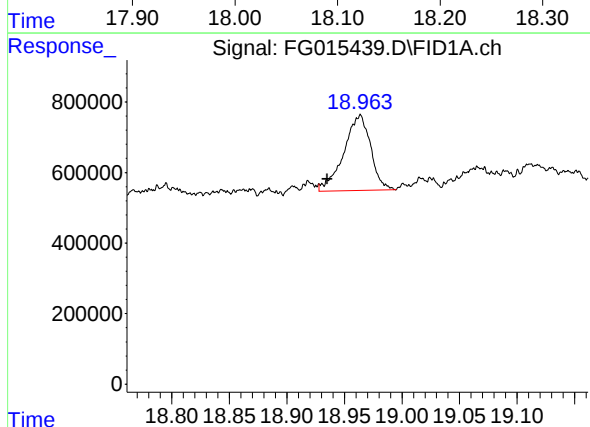
#13 N-TRIACONTANE

R.T.: 18.124 min
Delta R.T.: 0.025 min
Response: 3499442
Conc: 30.12 ug/ml

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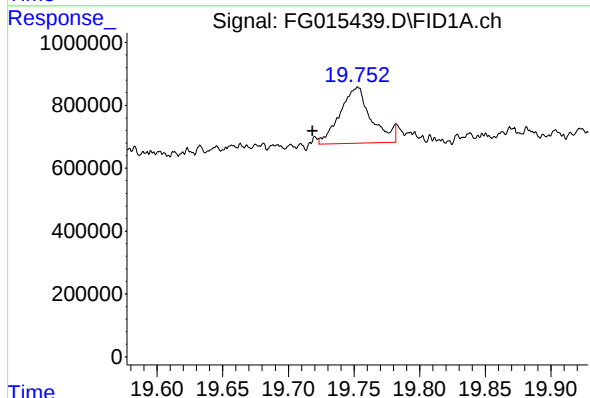
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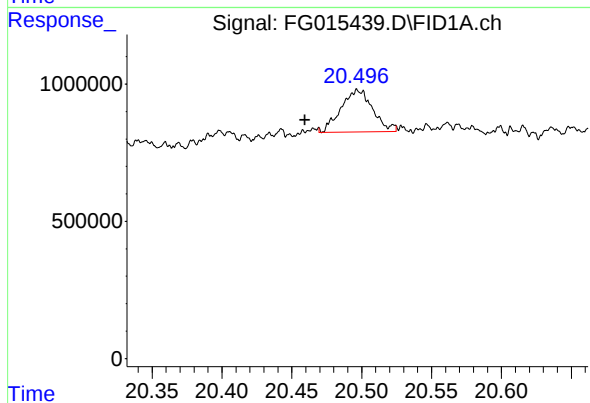
#14 N-DOTRIACONTANE

R.T.: 18.963 min
Delta R.T.: 0.028 min
Response: 3476664
Conc: 30.13 ug/ml m



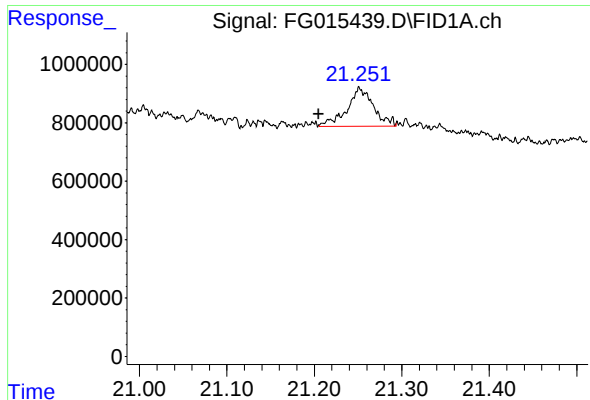
#15 N-TETRATRIACONTANE

R.T.: 19.752 min
Delta R.T.: 0.034 min
Response: 2948358
Conc: 27.45 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.496 min
Delta R.T.: 0.037 min
Response: 2429908
Conc: 25.35 ug/ml m



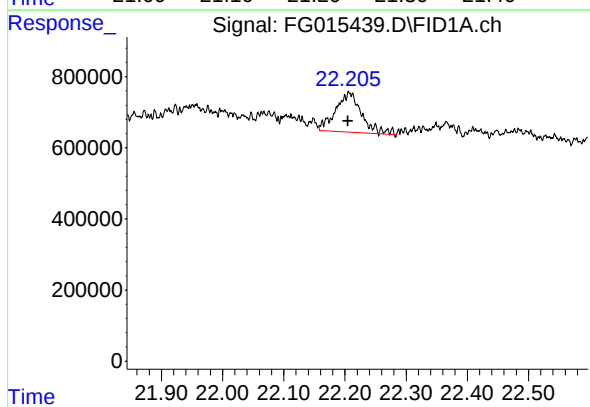
#17 N-OCTATRIACONTANE

R.T.: 21.251 min
Delta R.T.: 0.045 min
Response: 2750510
Conc: 30.82 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.208 min
Delta R.T.: 0.003 min
Response: 3284576
Conc: 40.04 ug/ml