

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525\
 Data File : FG015398.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 10:58
 Operator : YP\AJ
 Sample : Q1413-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-2-022125MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
 Quant Time: Feb 26 00:26:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
 Quant Title :
 QLast Update : Mon Feb 10 11:26:50 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...	15.043	1460487	13.461 ug/ml
Target Compounds			
1) N-OCTANE	1.998	1925910	16.833 ug/ml
2) N-DECANE	4.538	3051798	26.178 ug/ml
3) N-DODECANE	6.722	4210970	34.778 ug/ml
4) N-TETRADECANE	8.559	4905543	41.206 ug/ml
5) N-HEXADECANE	10.174	4879478	40.108 ug/ml
6) N-OCTADECANE	11.623	4403594	35.023 ug/ml
7) N-EICOSANE	12.939	4324305	35.299 ug/ml
8) N-DOCOSANE	14.141	3810453	31.650 ug/ml
10) N-TETRACOSANE	15.248	3026642	25.212 ug/ml
11) N-HEXACOSANE	16.275	2936936	25.027 ug/ml
12) N-OCTACOSANE	17.229	3216627	27.823 ug/ml
13) N-TRIACONTANE	18.121	3118565	27.119 ug/ml
14) N-DOTRIACONTANE	18.957	3233109	28.447 ug/mlm
15) N-TETRATRIACONTANE	19.746	3613763	33.614 ug/ml
16) N-HEXATRIACONTANE	20.486	3741934	37.387 ug/ml
17) N-OCTATRIACONTANE	21.244	3843730	38.404 ug/ml
18) N-TETRACONTANE	22.186	3919749	39.733 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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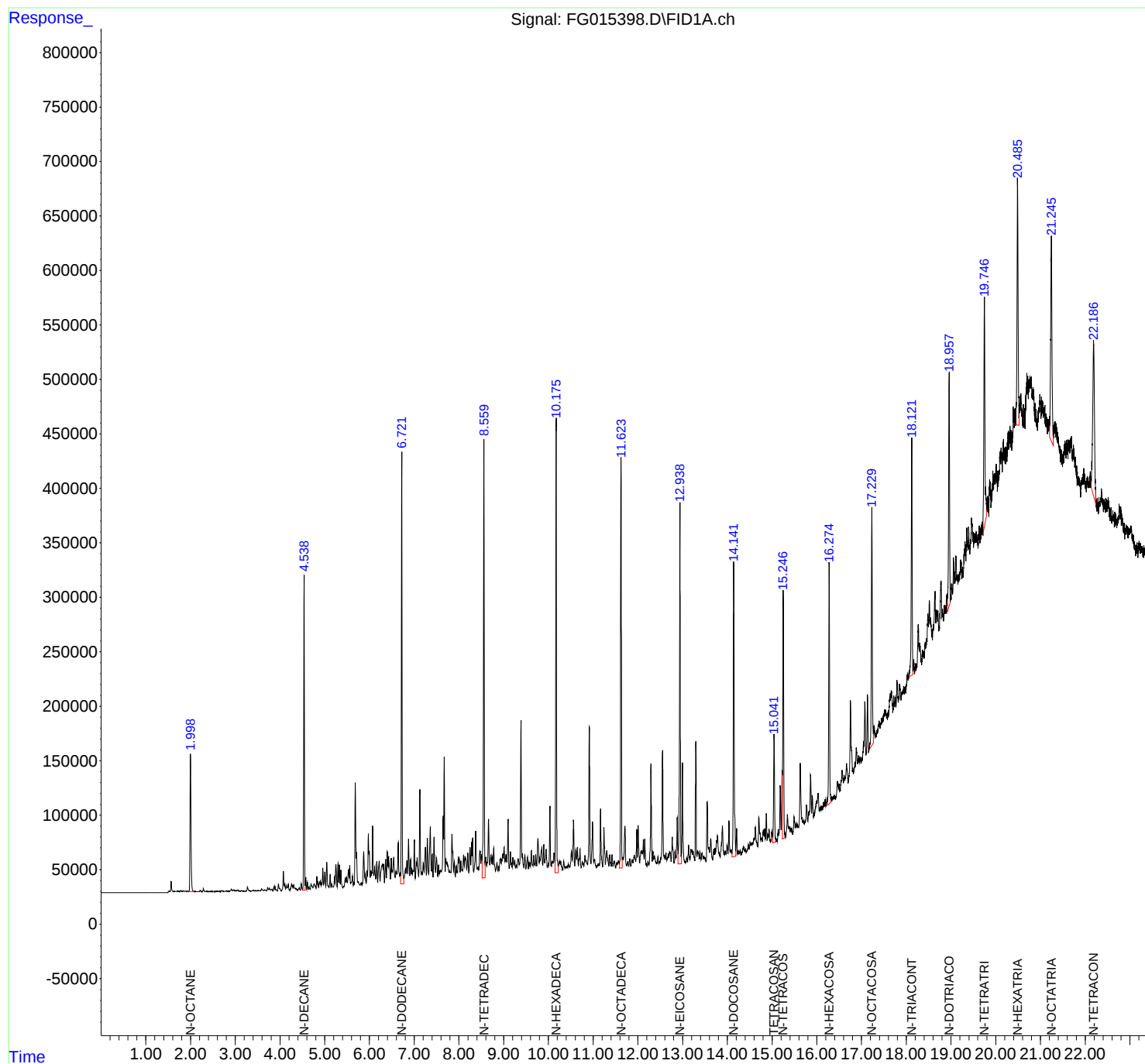
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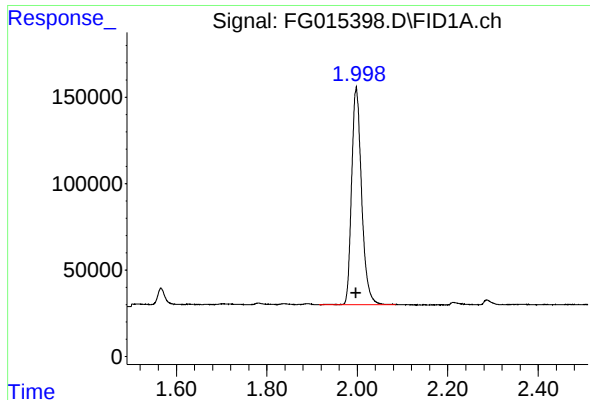
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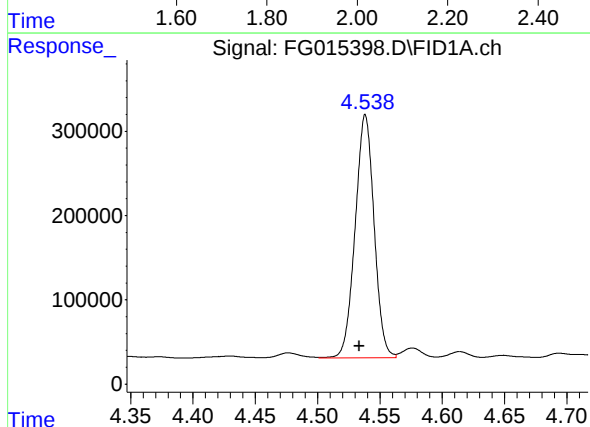
#1 N-OCTANE

R.T.: 1.998 min
Delta R.T.: 0.000 min
Response: 1925910
Conc: 16.83 ug/ml

Instrument :
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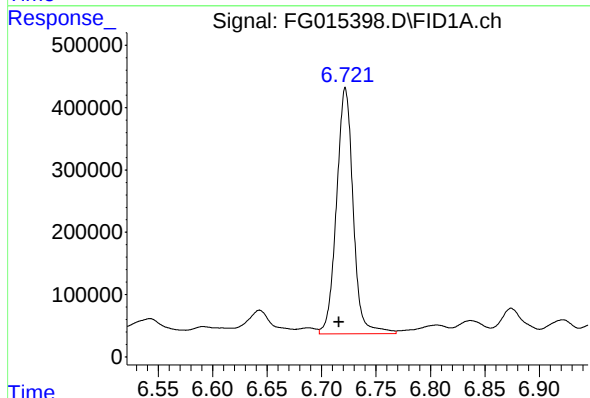
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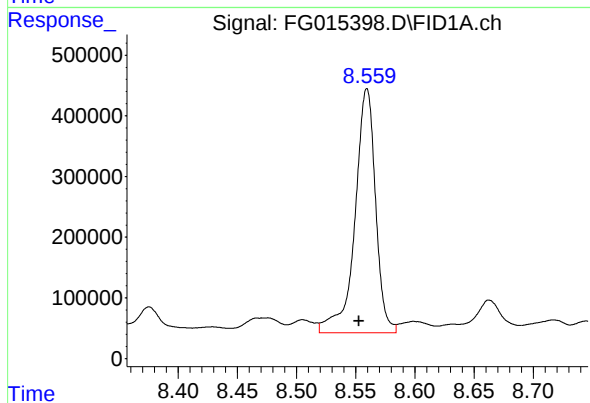
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: 0.005 min
Response: 3051798
Conc: 26.18 ug/ml



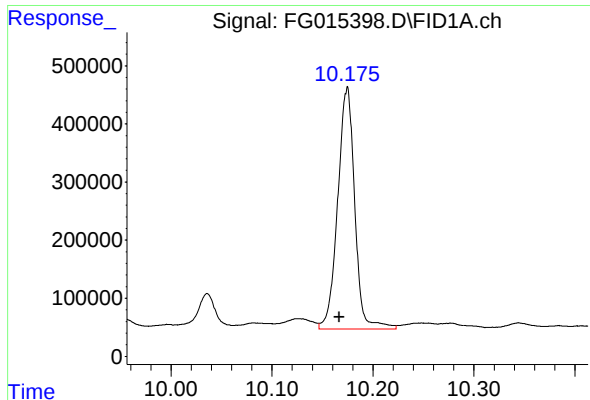
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: 0.006 min
Response: 4210970
Conc: 34.78 ug/ml



#4 N-TETRADECANE

R.T.: 8.559 min
Delta R.T.: 0.007 min
Response: 4905543
Conc: 41.21 ug/ml



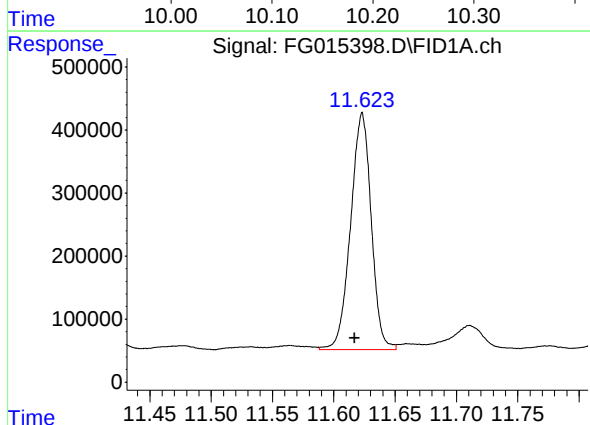
#5 N-HEXADECANE

R.T.: 10.174 min
Delta R.T.: 0.008 min
Response: 4879478
Conc: 40.11 ug/ml

Instrument :
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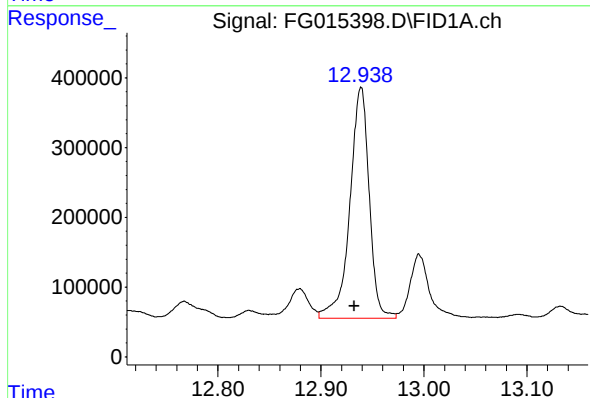
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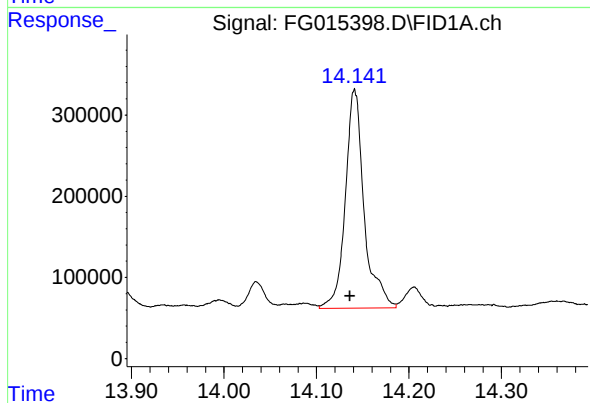
#6 N-OCTADECANE

R.T.: 11.623 min
Delta R.T.: 0.006 min
Response: 4403594
Conc: 35.02 ug/ml



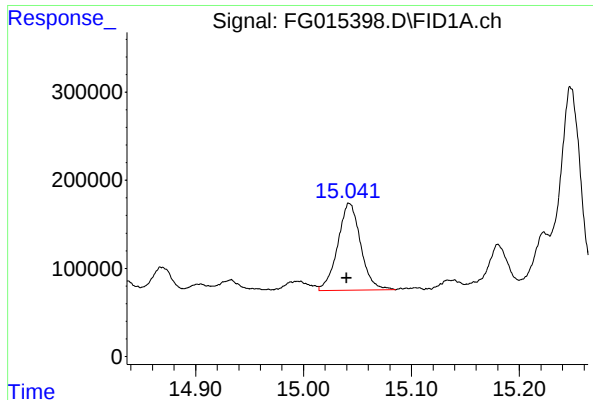
#7 N-EICOSANE

R.T.: 12.939 min
Delta R.T.: 0.006 min
Response: 4324305
Conc: 35.30 ug/ml



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: 0.005 min
Response: 3810453
Conc: 31.65 ug/ml



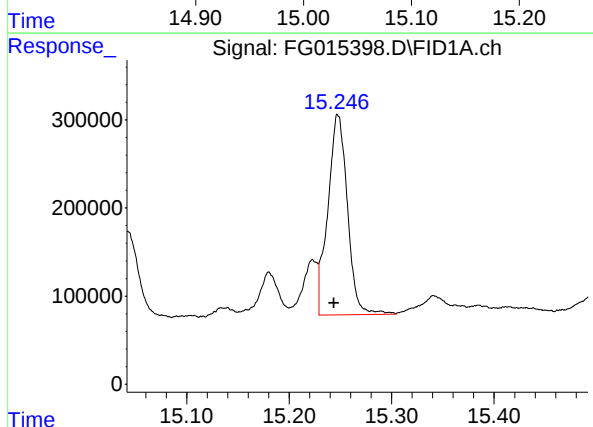
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: 0.003 min
Response: 1460487
Conc: 13.46 ug/ml

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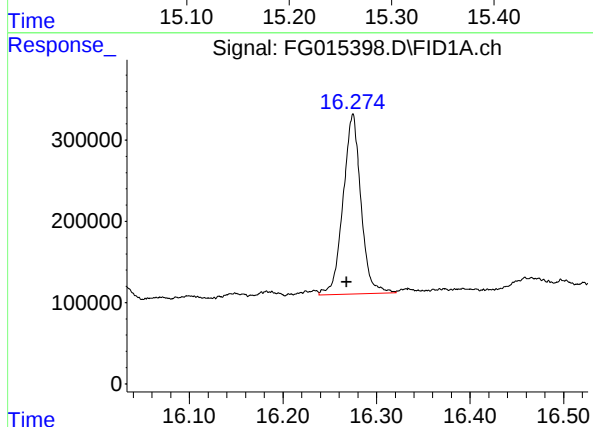
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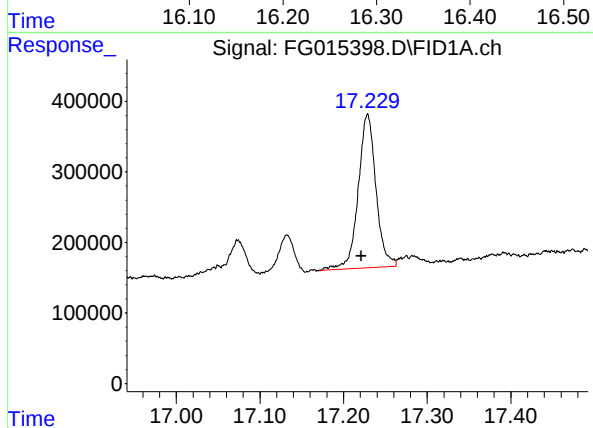
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: 0.004 min
Response: 3026642
Conc: 25.21 ug/ml



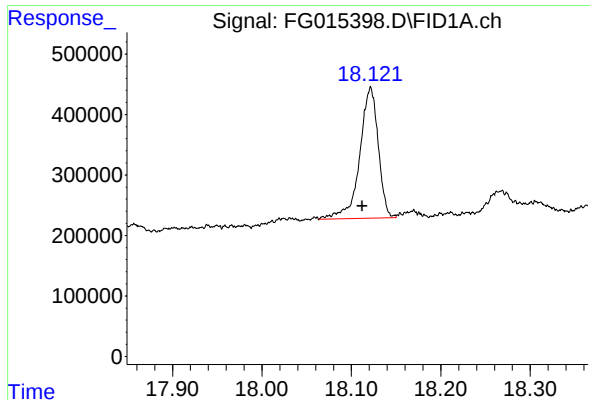
#11 N-HEXACOSANE

R.T.: 16.275 min
Delta R.T.: 0.007 min
Response: 2936936
Conc: 25.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: 0.008 min
Response: 3216627
Conc: 27.82 ug/ml



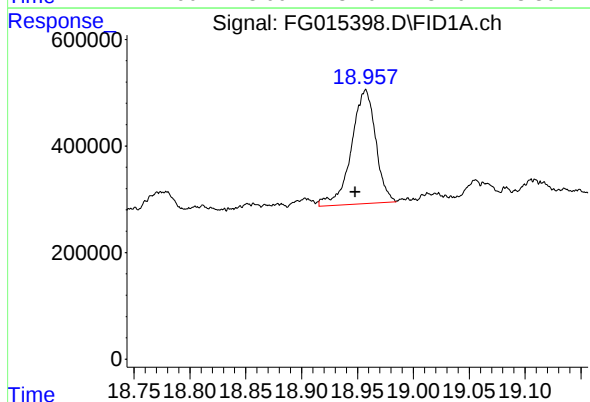
#13 N-TRIACONTANE

R.T.: 18.121 min
Delta R.T.: 0.009 min
Response: 3118565
Conc: 27.12 ug/ml

Instrument :
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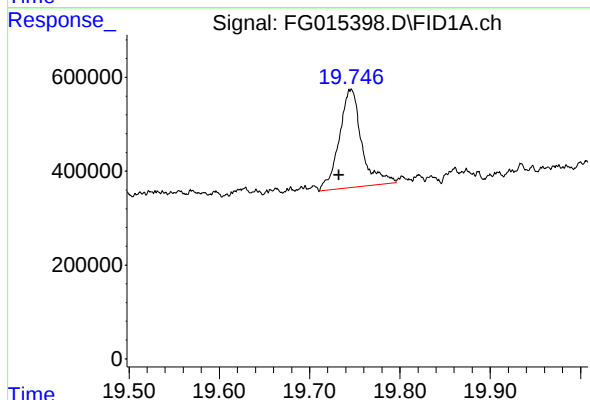
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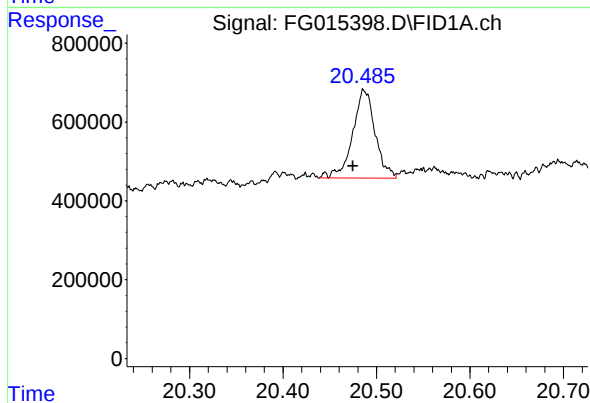
#14 N-DOTRIACONTANE

R.T.: 18.957 min
Delta R.T.: 0.009 min
Response: 3233109
Conc: 28.45 ug/ml



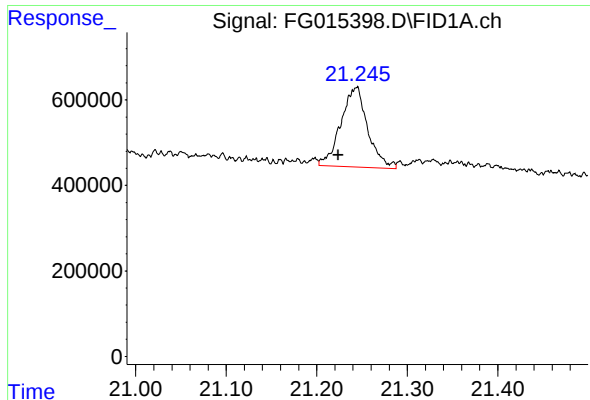
#15 N-TETRATRIACONTANE

R.T.: 19.746 min
Delta R.T.: 0.013 min
Response: 3613763
Conc: 33.61 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.486 min
Delta R.T.: 0.012 min
Response: 3741934
Conc: 37.39 ug/ml



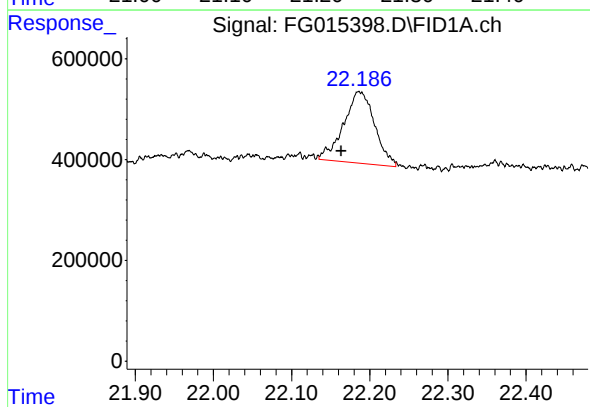
#17 N-OCTATRIACONTANE

R.T.: 21.244 min
Delta R.T.: 0.020 min
Response: 3843730
Conc: 38.40 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.186 min
Delta R.T.: 0.023 min
Response: 3919749
Conc: 39.73 ug/ml m