

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031025\
 Data File : FG015466.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2025 13:29
 Operator : YP\AJ
 Sample : Q1515-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-06-030625MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e
 Quant Time: Mar 11 02:03:34 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...	15.034	1749822	16.072 ug/mlm
Target Compounds			
1) N-OCTANE	1.992	1580781	14.380 ug/ml
2) N-DECANE	4.530	2148563	19.309 ug/ml
3) N-DODECANE	6.714	3205271	27.580 ug/ml
4) N-TETRADECANE	8.552	5345190	46.388 ug/ml
5) N-HEXADECANE	10.168	6509203	54.842 ug/ml
6) N-OCTADECANE	11.616	5933933	47.914 ug/ml
7) N-EICOSANE	12.931	4797568	39.496 ug/ml
8) N-DOCOSANE	14.132	3237570	27.041 ug/ml
10) N-TETRACOSANE	15.239	2545892	21.320 ug/ml
11) N-HEXACOSANE	16.264	2310018	19.685 ug/ml
12) N-OCTACOSANE	17.216	2303299	19.899 ug/ml
13) N-TRIACONTANE	18.108	2191086	18.859 ug/ml
14) N-DOTRIACONTANE	18.942	2108724	18.278 ug/ml
15) N-TETRATRIACONTANE	19.727	1385589	12.902 ug/ml
16) N-HEXATRIACONTANE	20.470	1181385	12.323 ug/ml
17) N-OCTATRIACONTANE	21.219	763621	8.556 ug/ml
18) N-TETRACONTANE	22.159	1050767	12.808 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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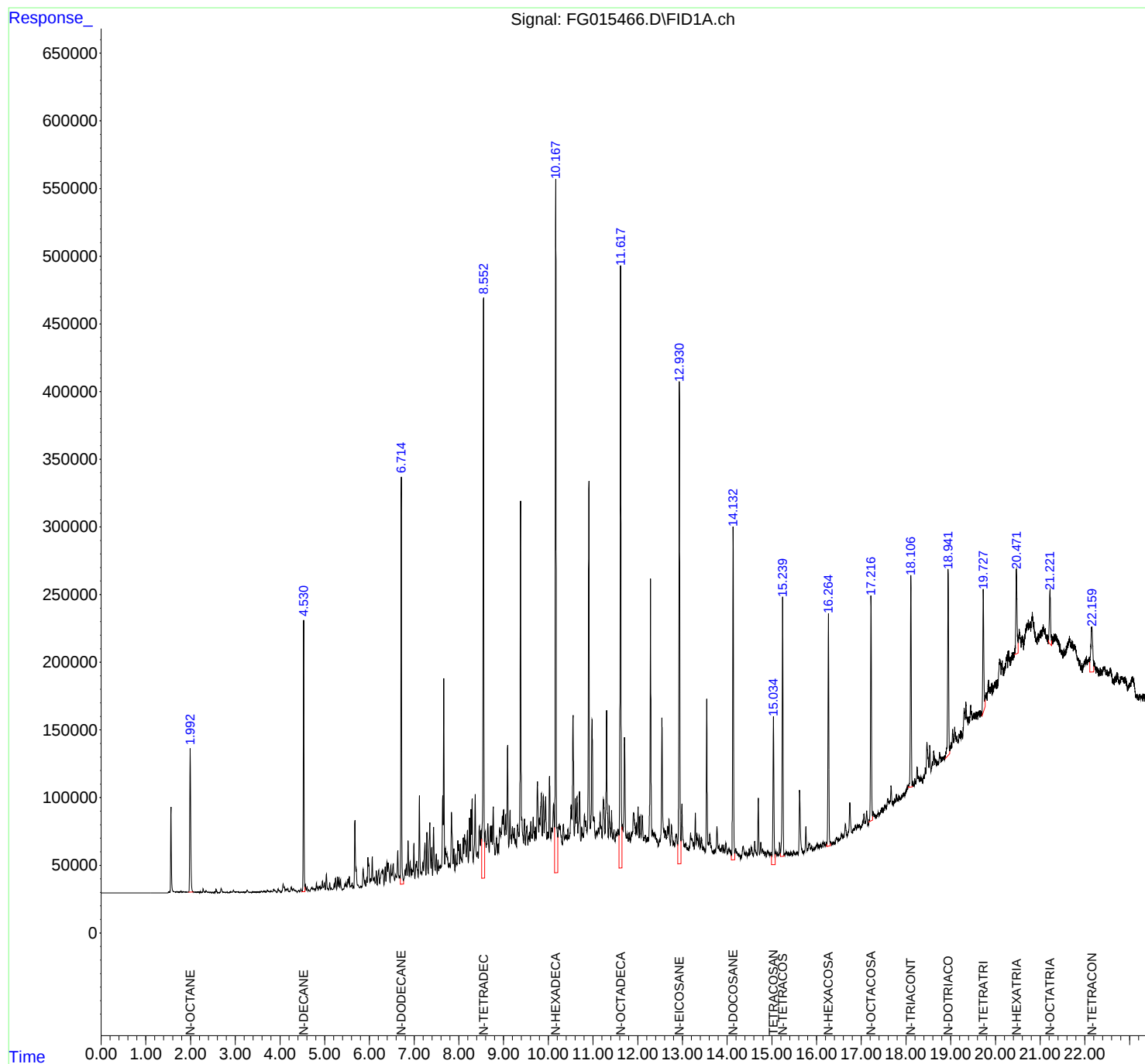
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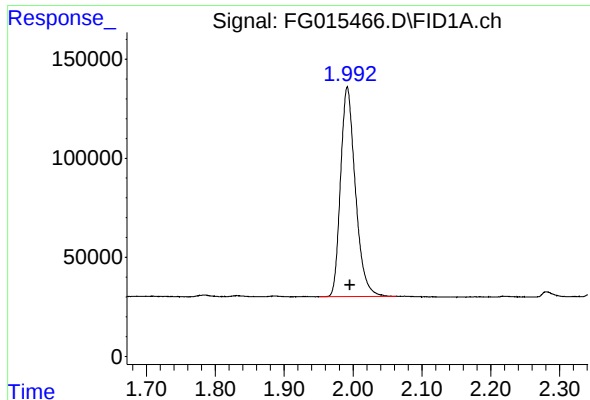
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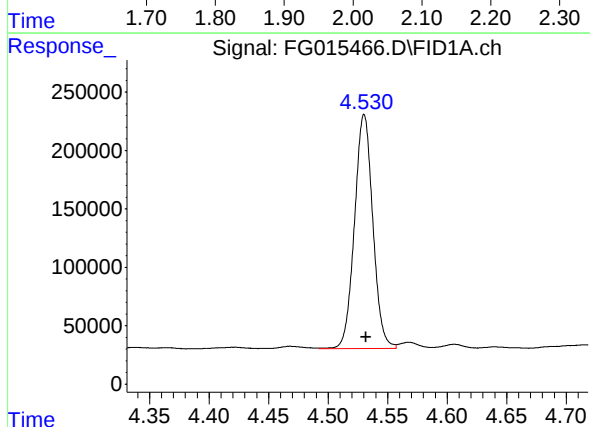
#1 N-OCTANE

R.T.: 1.992 min
Delta R.T.: -0.004 min
Response: 1580781
Conc: 14.38 ug/ml

Instrument :
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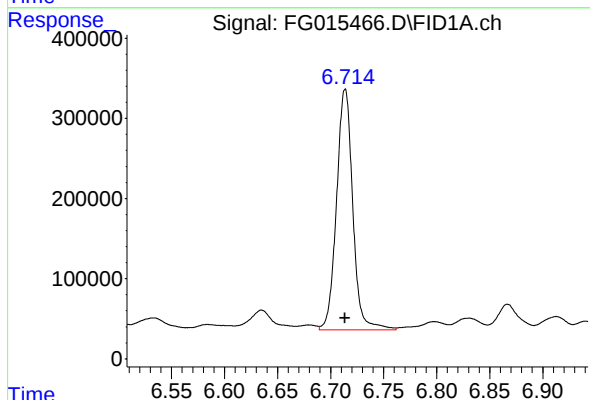
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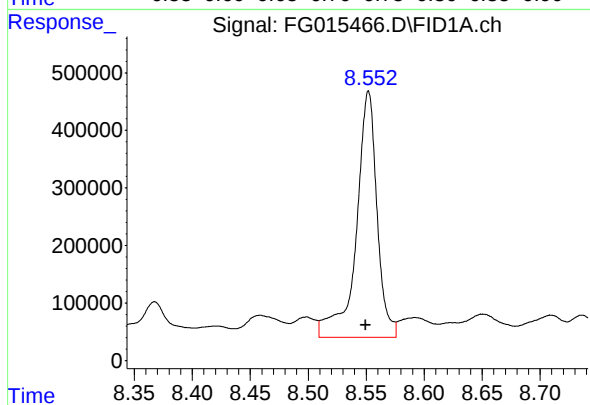
#2 N-DECANE

R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 2148563
Conc: 19.31 ug/ml



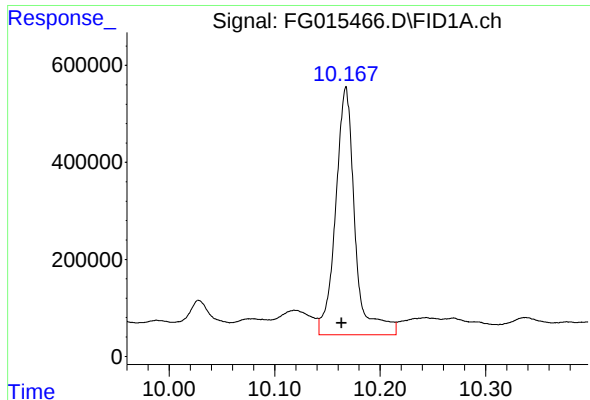
#3 N-DODECANE

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 3205271
Conc: 27.58 ug/ml



#4 N-TETRADECANE

R.T.: 8.552 min
Delta R.T.: 0.002 min
Response: 5345190
Conc: 46.39 ug/ml



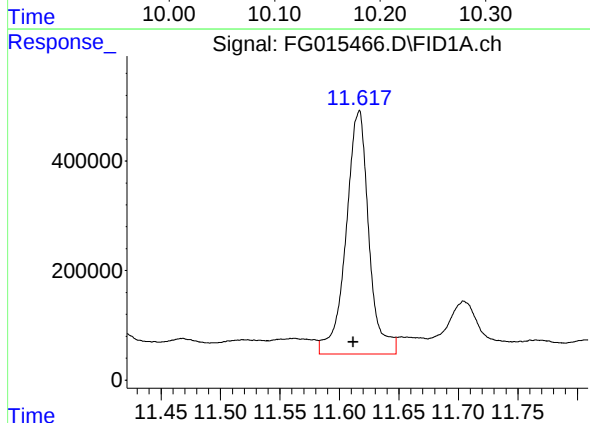
#5 N-HEXADECANE

R.T.: 10.168 min
Delta R.T.: 0.004 min
Response: 6509203
Conc: 54.84 ug/ml

Instrument :
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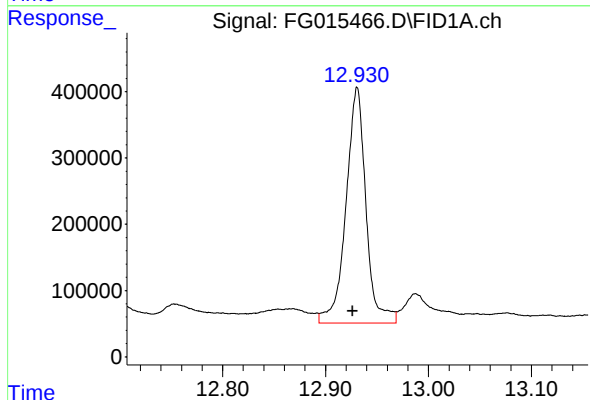
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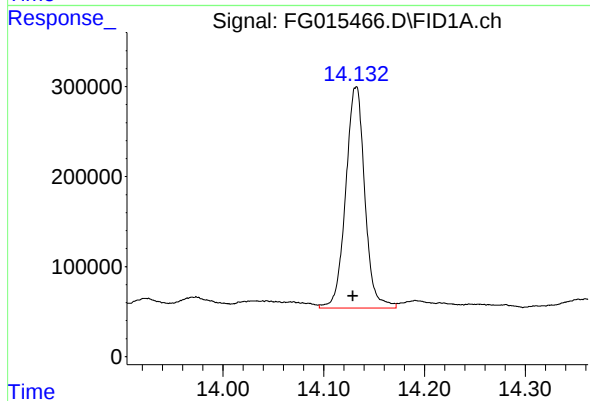
#6 N-OCTADECANE

R.T.: 11.616 min
Delta R.T.: 0.005 min
Response: 5933933
Conc: 47.91 ug/ml



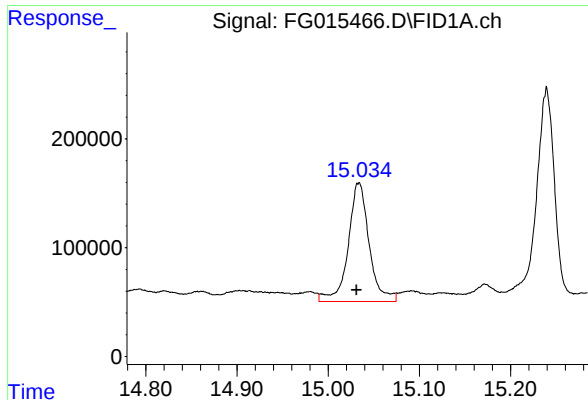
#7 N-EICOSANE

R.T.: 12.931 min
Delta R.T.: 0.004 min
Response: 4797568
Conc: 39.50 ug/ml



#8 N-DOCOSANE

R.T.: 14.132 min
Delta R.T.: 0.003 min
Response: 3237570
Conc: 27.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.034 min
Delta R.T.: 0.003 min
Response: 1749822
Conc: 16.07 ug/ml

Instrument :

FID_G

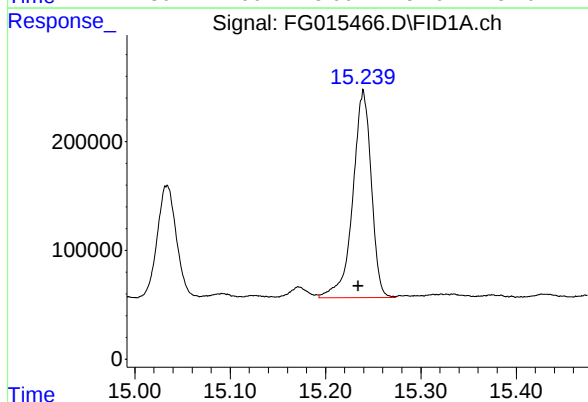
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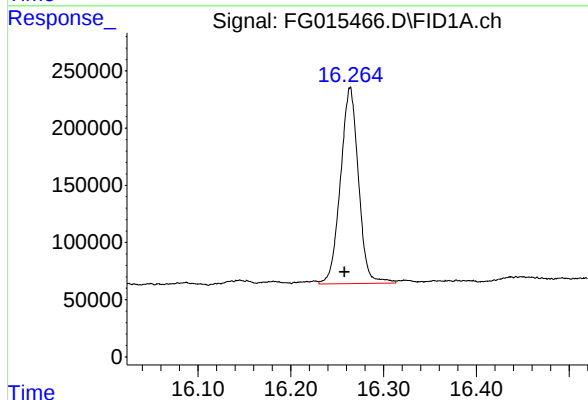
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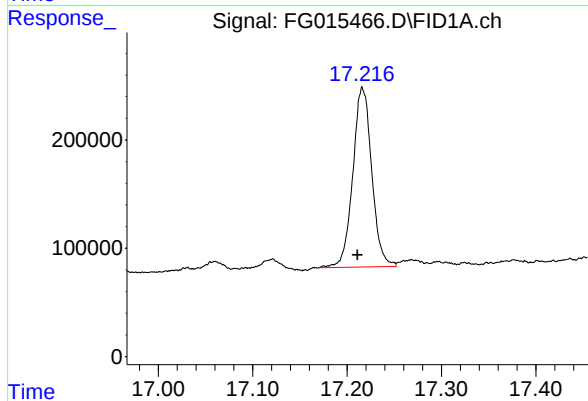
#10 N-TETRACOSANE

R.T.: 15.239 min
Delta R.T.: 0.005 min
Response: 2545892
Conc: 21.32 ug/ml



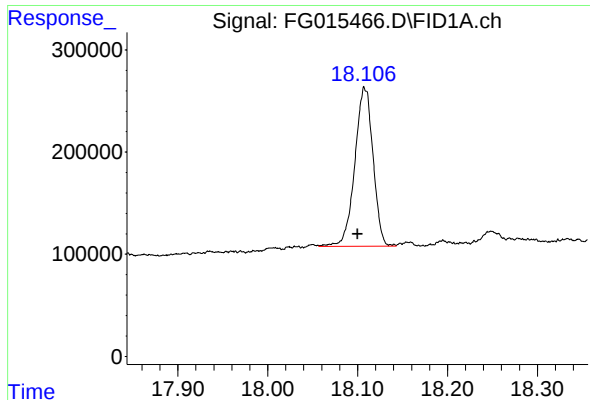
#11 N-HEXACOSANE

R.T.: 16.264 min
Delta R.T.: 0.006 min
Response: 2310018
Conc: 19.68 ug/ml



#12 N-OCTACOSANE

R.T.: 17.216 min
Delta R.T.: 0.005 min
Response: 2303299
Conc: 19.90 ug/ml



#13 N-TRIACONTANE

R.T.: 18.108 min
Delta R.T.: 0.008 min
Response: 2191086
Conc: 18.86 ug/ml

Instrument :

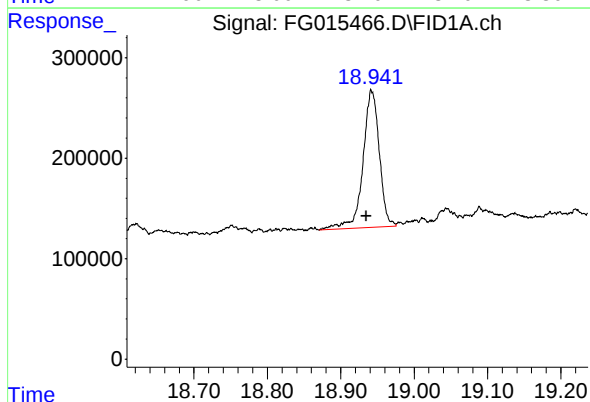
FID_G

ClientSampleId :

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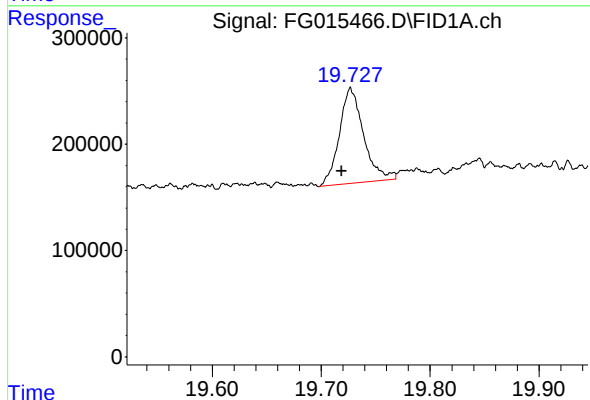
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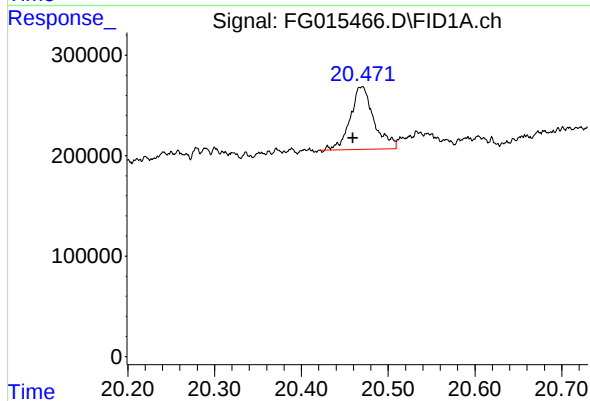
#14 N-DOTRIACONTANE

R.T.: 18.942 min
Delta R.T.: 0.007 min
Response: 2108724
Conc: 18.28 ug/ml



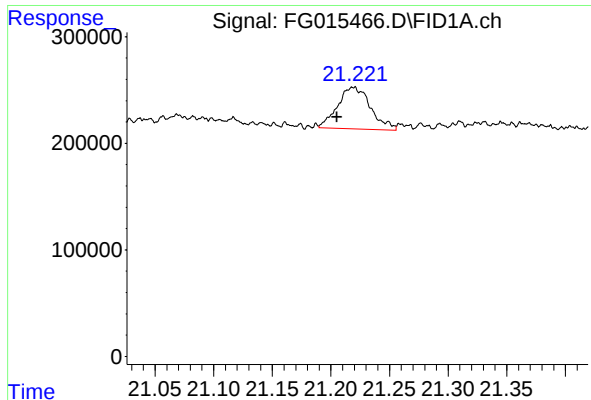
#15 N-TETRATRIACONTANE

R.T.: 19.727 min
Delta R.T.: 0.008 min
Response: 1385589
Conc: 12.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.470 min
Delta R.T.: 0.010 min
Response: 1181385
Conc: 12.32 ug/ml



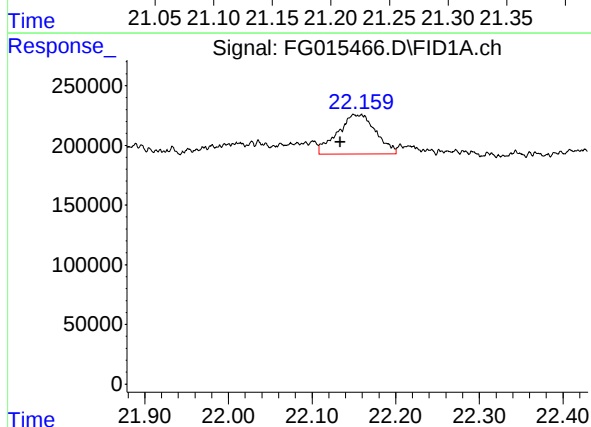
#17 N-OCTATRIACONTANE

R.T.: 21.219 min
Delta R.T.: 0.014 min
Response: 763621
Conc: 8.56 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.159 min
Delta R.T.: 0.025 min
Response: 1050767
Conc: 12.81 ug/ml