

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071725\
 Data File : FG016324.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2025 15:21
 Operator : YP\AJ
 Sample : Q2592-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-SOIL-20250711MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 18 02:56:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.214	2286604	22.869 ug/mlm
Target Compounds			
1) N-OCTANE	2.119	1019014	9.024 ug/ml
2) N-DECANE	4.670	1609836	13.977 ug/ml
3) N-DODECANE	6.853	1892072	16.319 ug/ml
4) N-TETRADECANE	8.695	2043885	17.316 ug/ml
5) N-HEXADECANE	10.315	2031137	17.560 ug/ml
6) N-OCTADECANE	11.771	2175063	18.530 ug/ml
7) N-EICOSANE	13.094	2349667	19.641 ug/mlm
8) N-DOCOSANE	14.307	2156942	18.717 ug/mlm
10) N-TETRACOSANE	15.416	5026921	43.998 ug/ml
11) N-HEXACOSANE	16.453	1863758	16.937 ug/mlm
12) N-OCTACOSANE	17.413	3565366	32.785 ug/ml
13) N-TRIACONTANE	18.310	2884668	26.995 ug/mlm
14) N-DOTRIACONTANE	19.151	3241530	32.056 ug/ml
15) N-TETRATRIACONTANE	19.939	2167520	23.822 ug/ml
16) N-HEXATRIACONTANE	20.689	1790011	23.769 ug/mlm
17) N-OCTATRIACONTANE	21.488	1765502	27.127 ug/ml
18) N-TETRACONTANE	22.505	1630274	28.286 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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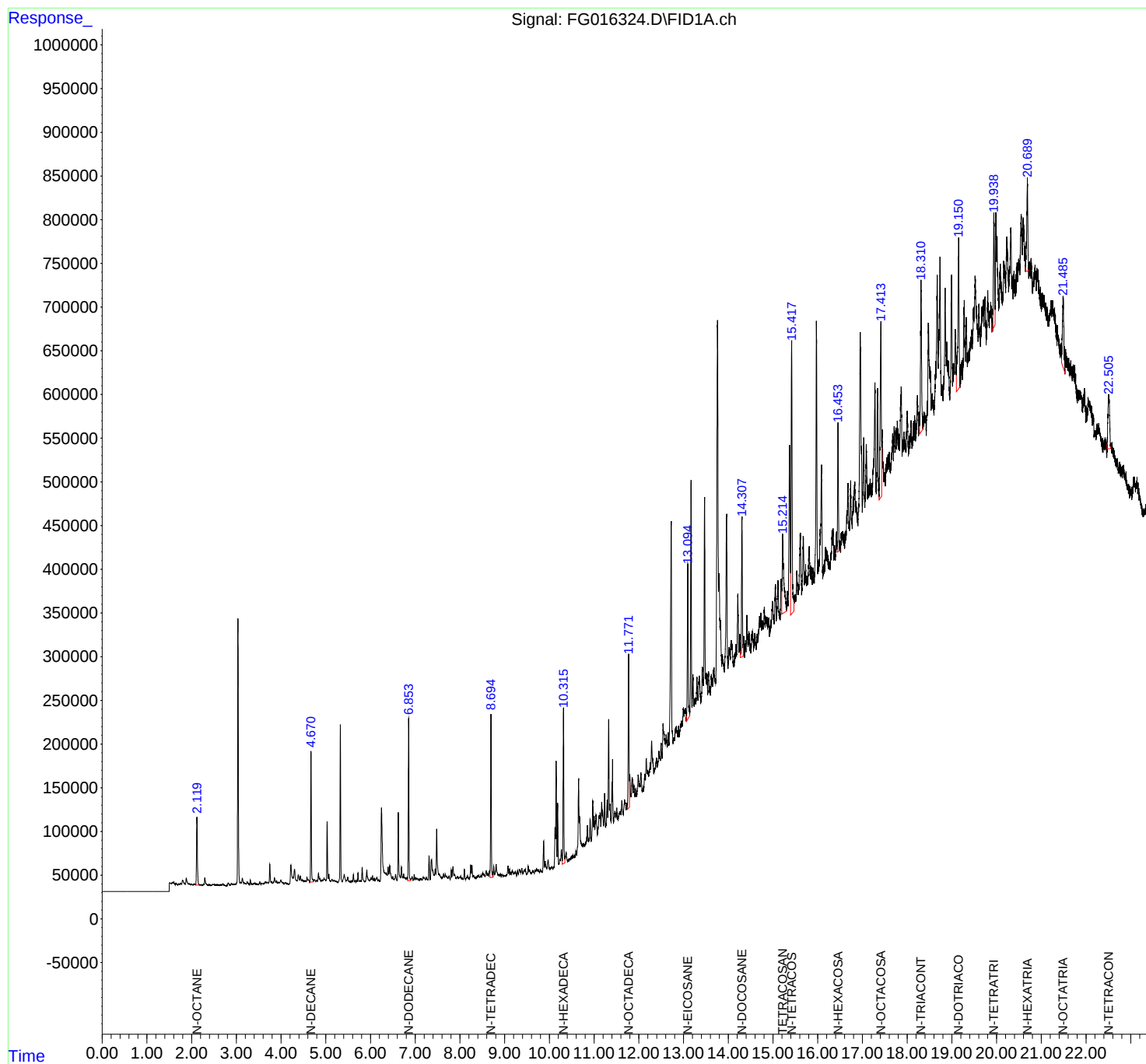
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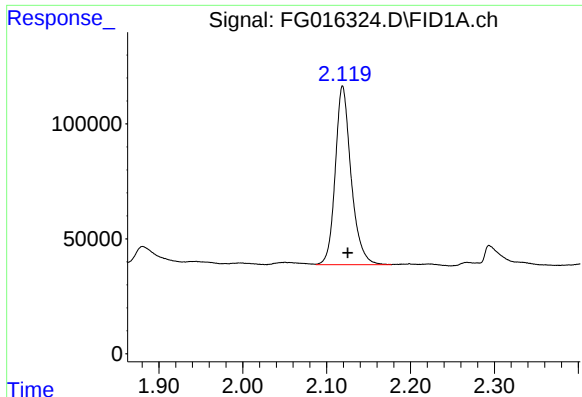
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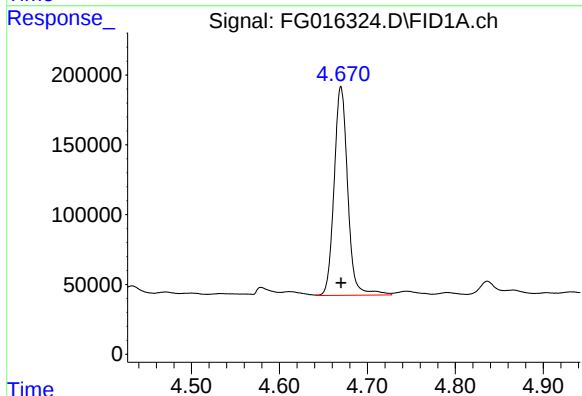
#1 N-OCTANE

R.T.: 2.119 min
Delta R.T.: -0.006 min
Response: 1019014
Conc: 9.02 ug/ml

Instrument :
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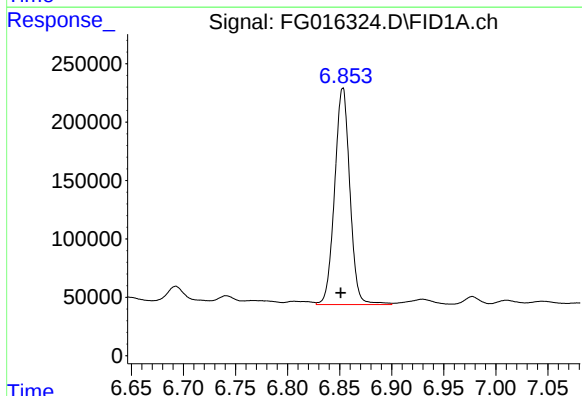
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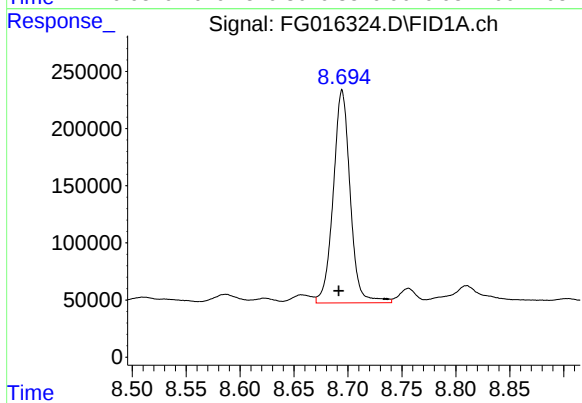
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 1609836
Conc: 13.98 ug/ml



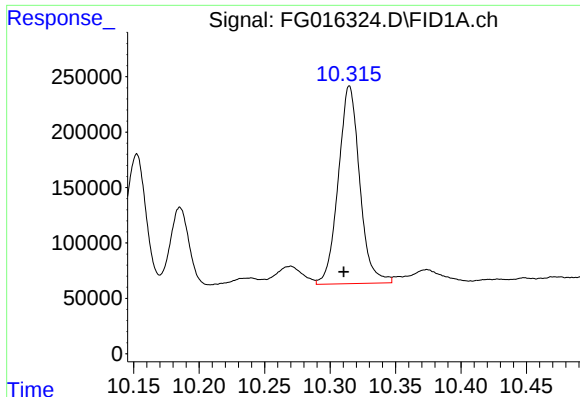
#3 N-DODECANE

R.T.: 6.853 min
Delta R.T.: 0.002 min
Response: 1892072
Conc: 16.32 ug/ml



#4 N-TETRADECANE

R.T.: 8.695 min
Delta R.T.: 0.003 min
Response: 2043885
Conc: 17.32 ug/ml



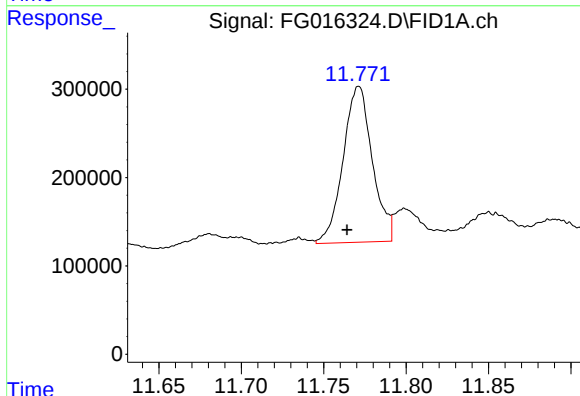
#5 N-HEXADECANE

R.T.: 10.315 min
Delta R.T.: 0.004 min
Response: 2031137
Conc: 17.56 ug/ml

Instrument :
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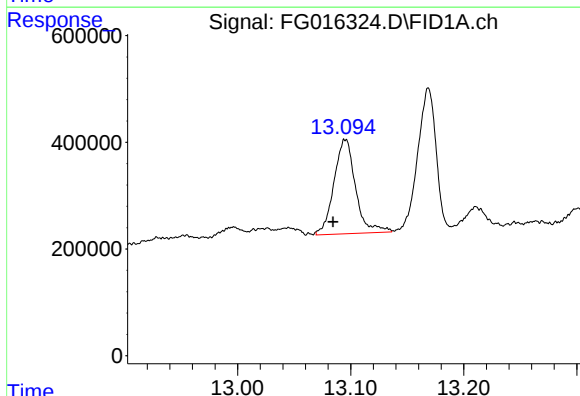
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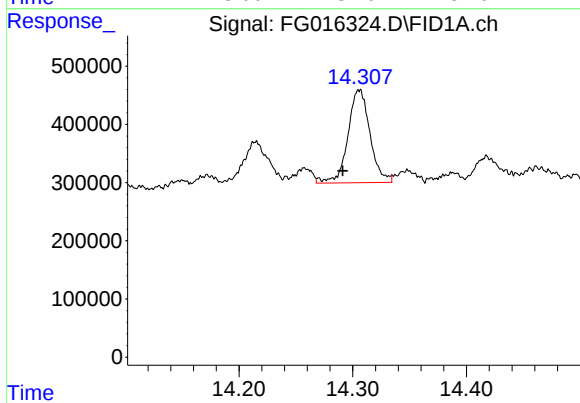
#6 N-OCTADECANE

R.T.: 11.771 min
Delta R.T.: 0.007 min
Response: 2175063
Conc: 18.53 ug/ml



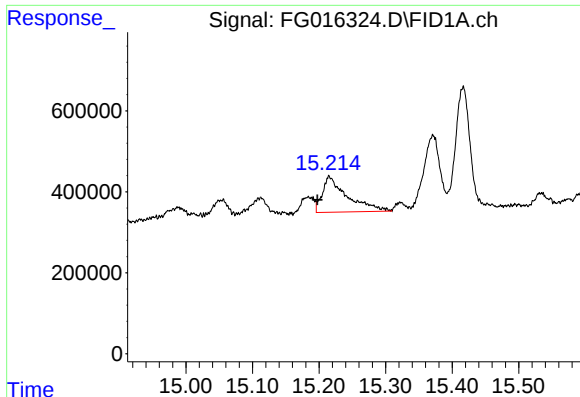
#7 N-EICOSANE

R.T.: 13.094 min
Delta R.T.: 0.009 min
Response: 2349667
Conc: 19.64 ug/ml m



#8 N-DOCOSANE

R.T.: 14.307 min
Delta R.T.: 0.015 min
Response: 2156942
Conc: 18.72 ug/ml m



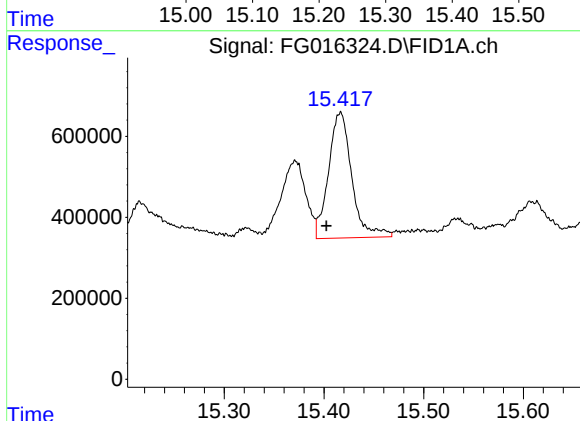
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.214 min
Delta R.T.: 0.017 min
Response: 2286604
Conc: 22.87 ug/ml

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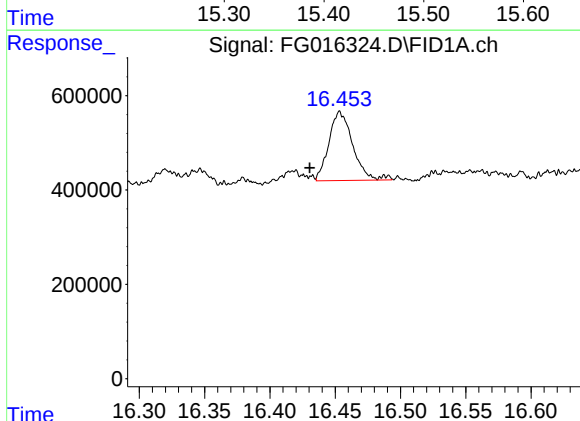
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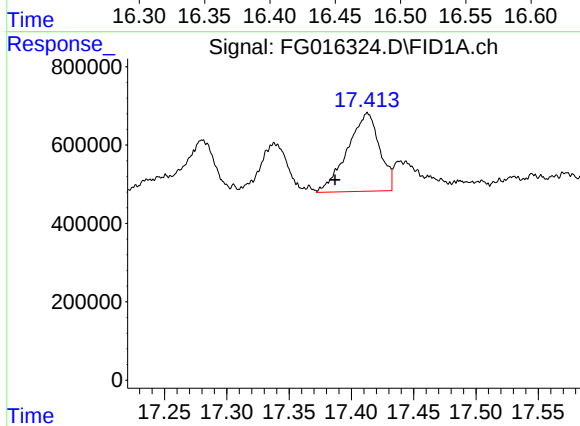
#10 N-TETRACOSANE

R.T.: 15.416 min
Delta R.T.: 0.014 min
Response: 5026921
Conc: 44.00 ug/ml



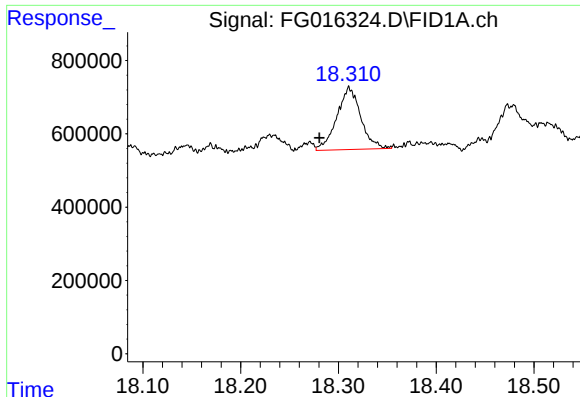
#11 N-HEXACOSANE

R.T.: 16.453 min
Delta R.T.: 0.023 min
Response: 1863758
Conc: 16.94 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.413 min
Delta R.T.: 0.026 min
Response: 3565366
Conc: 32.79 ug/ml



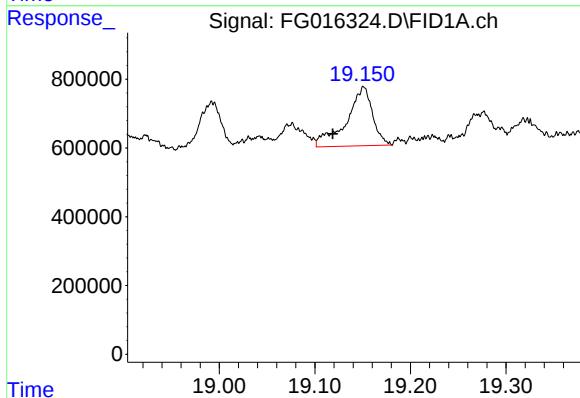
#13 N-TRIACONTANE

R.T.: 18.310 min
Delta R.T.: 0.030 min
Response: 2884668
Conc: 26.99 ug/ml

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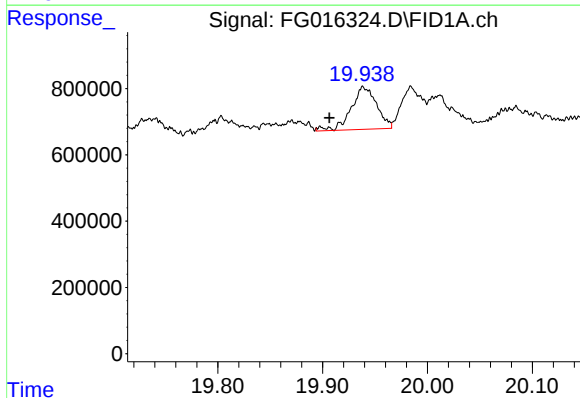
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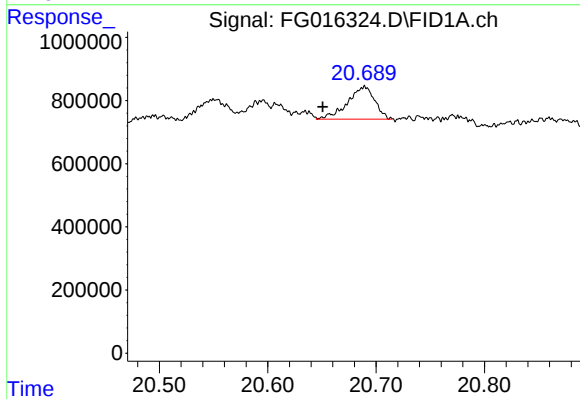
#14 N-DOTRIACONTANE

R.T.: 19.151 min
Delta R.T.: 0.033 min
Response: 3241530
Conc: 32.06 ug/ml



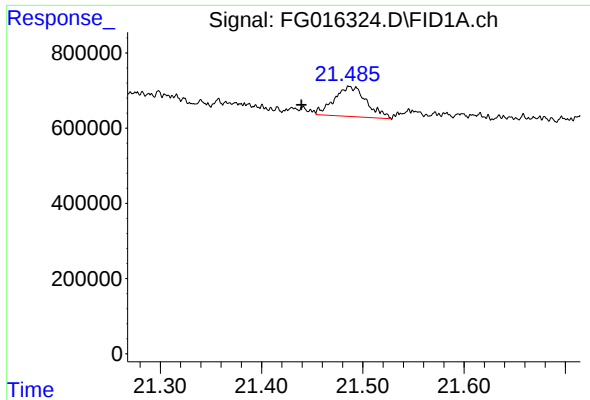
#15 N-TETRATRIACONTANE

R.T.: 19.939 min
Delta R.T.: 0.032 min
Response: 2167520
Conc: 23.82 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.689 min
Delta R.T.: 0.038 min
Response: 1790011
Conc: 23.77 ug/ml m



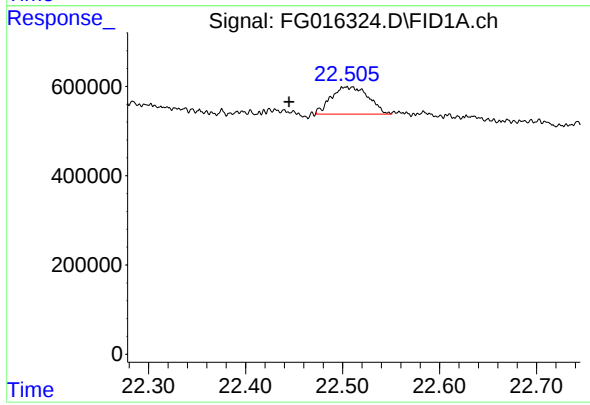
#17 N-OCTATRIACONTANE

R.T.: 21.488 min
Delta R.T.: 0.048 min
Response: 1765502
Conc: 27.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.505 min
Delta R.T.: 0.060 min
Response: 1630274
Conc: 28.29 ug/ml m