

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016340.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 14:52
 Operator : YP\AJ
 Sample : Q2592-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-SOIL-20250711MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2025
 Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e
 Quant Time: Jul 21 08:30:04 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...	15.218	1445638	14.458 ug/mlm
Target Compounds			
1) N-OCTANE	2.117	1069182	9.468 ug/ml
2) N-DECANE	4.670	1695057	14.717 ug/ml
3) N-DODECANE	6.854	1902669	16.411 ug/ml
4) N-TETRADECANE	8.696	2113988	17.910 ug/ml
5) N-HEXADECANE	10.317	1994312	17.242 ug/ml
6) N-OCTADECANE	11.773	2122478	18.082 ug/ml
7) N-EICOSANE	13.097	2247651	18.788 ug/mlm
8) N-DOCOSANE	14.309	1993049	17.295 ug/mlm
10) N-TETRACOSANE	15.421	4818697	42.176 ug/ml
11) N-HEXACOSANE	16.455	1904836	17.310 ug/mlm
12) N-OCTACOSANE	17.413	3512634	32.301 ug/ml
13) N-TRIACONTANE	18.311	3039081	28.440 ug/mlm
14) N-DOTRIACONTANE	19.151	2829229	27.979 ug/mlm
15) N-TETRATRIACONTANE	19.943	2719273	29.886 ug/mlm
16) N-HEXATRIACONTANE	20.692	1911926	25.387 ug/mlm
17) N-OCTATRIACONTANE	21.494	1671860	25.688 ug/mlm
18) N-TETRACONTANE	22.527	2220055	38.519 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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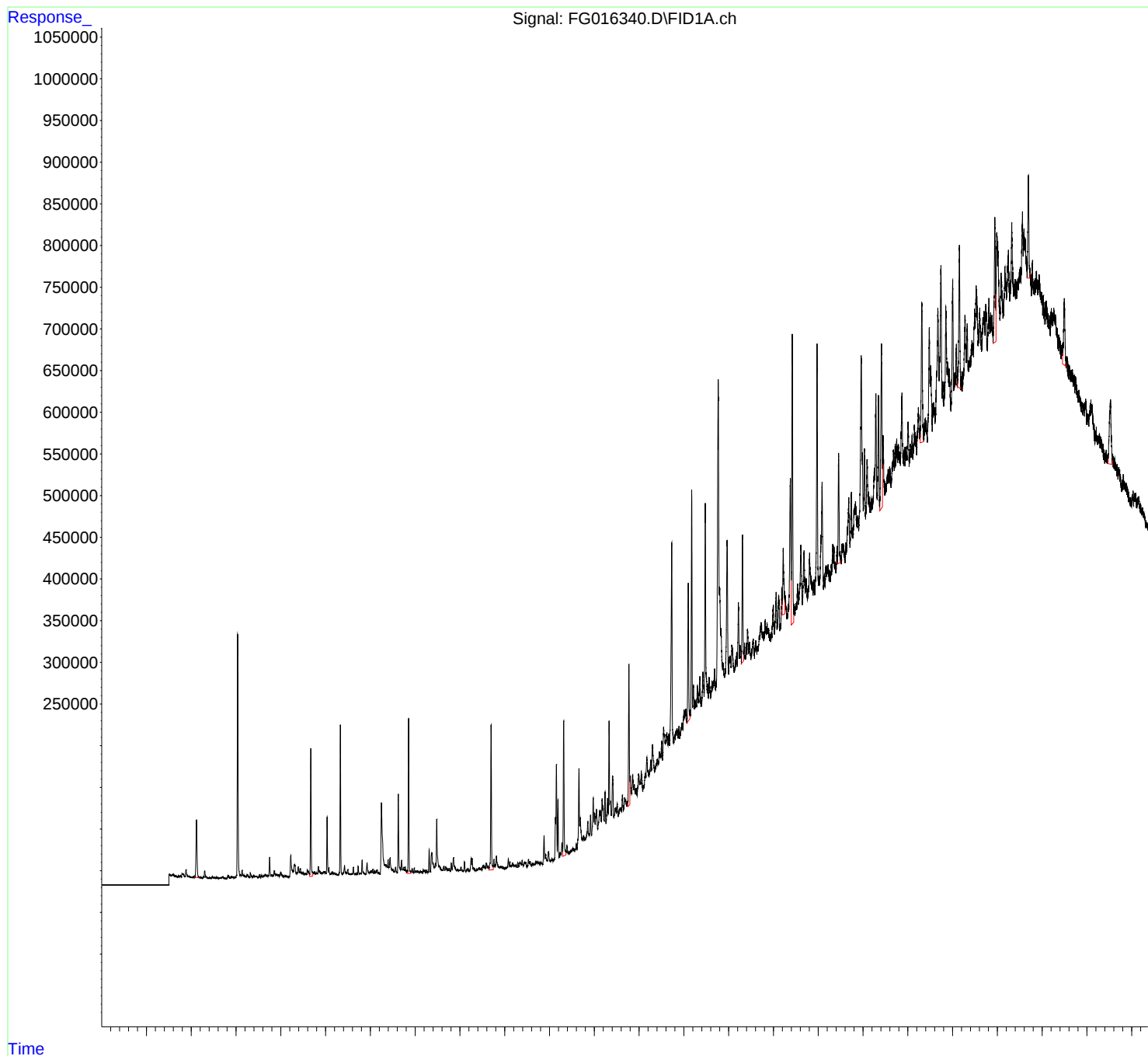
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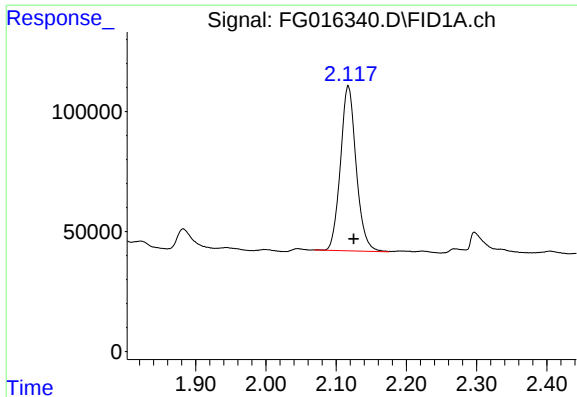
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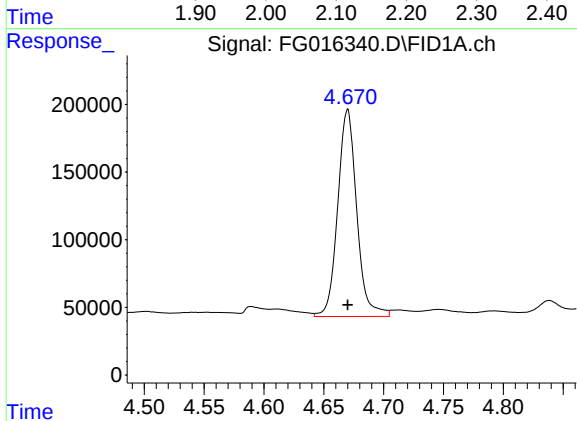
#1 N-OCTANE

R.T.: 2.117 min
Delta R.T.: -0.008 min
Response: 1069182
Conc: 9.47 ug/ml

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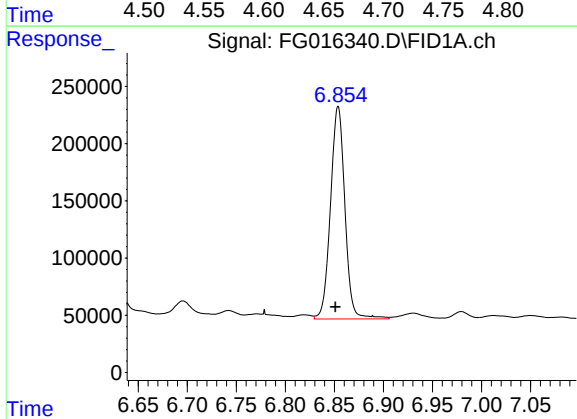
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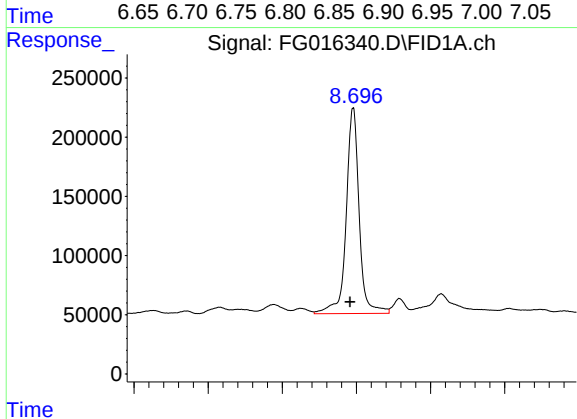
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 1695057
Conc: 14.72 ug/ml



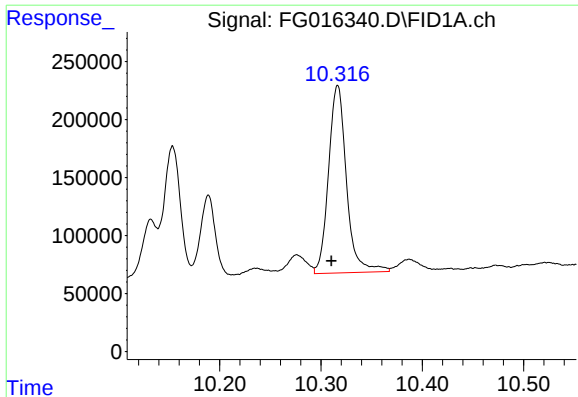
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.003 min
Response: 1902669
Conc: 16.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.696 min
Delta R.T.: 0.004 min
Response: 2113988
Conc: 17.91 ug/ml



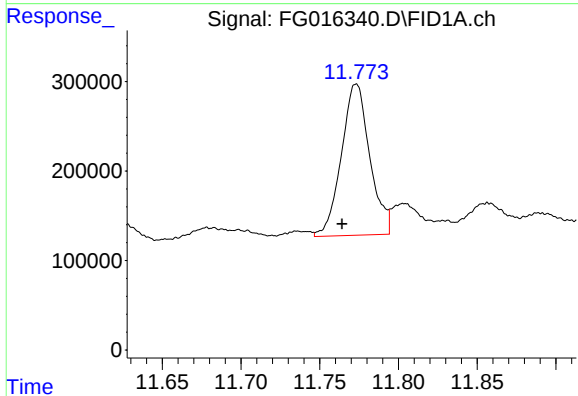
#5 N-HEXADECANE

R.T.: 10.317 min
Delta R.T.: 0.006 min
Response: 1994312
Conc: 17.24 ug/ml

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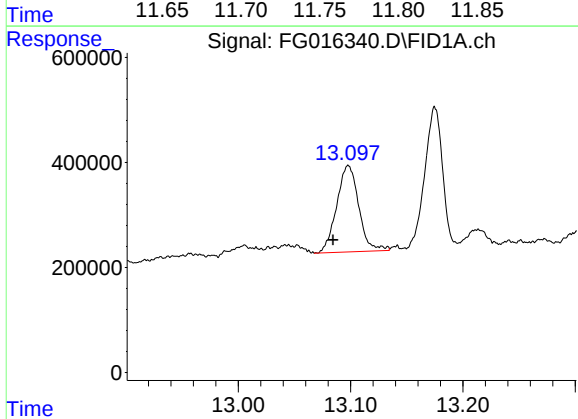
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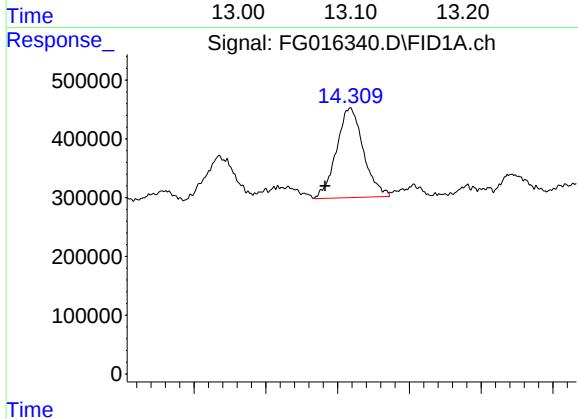
#6 N-OCTADECANE

R.T.: 11.773 min
Delta R.T.: 0.009 min
Response: 2122478
Conc: 18.08 ug/ml



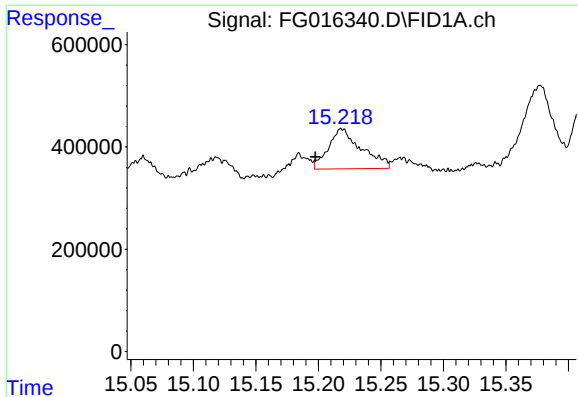
#7 N-EICOSANE

R.T.: 13.097 min
Delta R.T.: 0.013 min
Response: 2247651
Conc: 18.79 ug/ml m



#8 N-DOCOSANE

R.T.: 14.309 min
Delta R.T.: 0.018 min
Response: 1993049
Conc: 17.29 ug/ml m



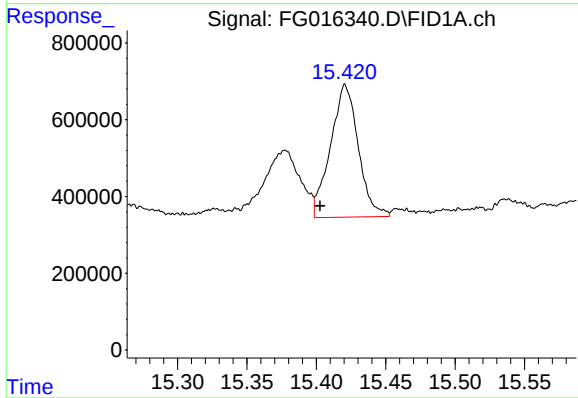
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.218 min
Delta R.T.: 0.020 min
Response: 1445638
Conc: 14.46 ug/ml

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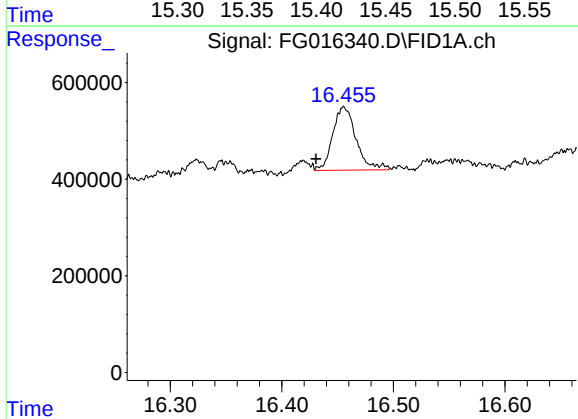
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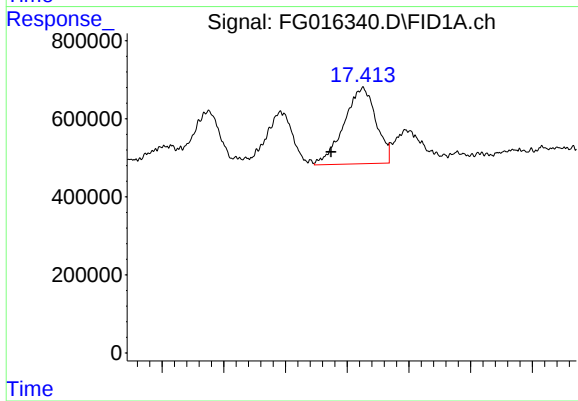
#10 N-TETRACOSANE

R.T.: 15.421 min
Delta R.T.: 0.018 min
Response: 4818697
Conc: 42.18 ug/ml



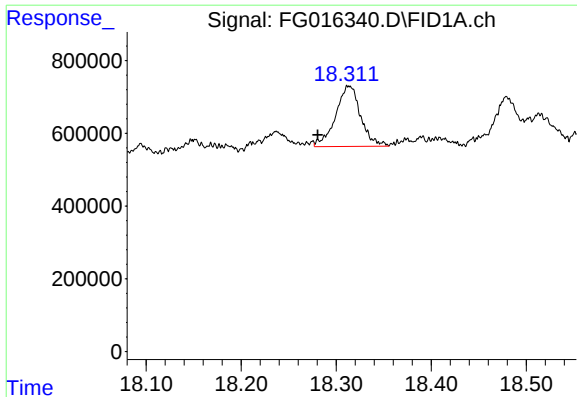
#11 N-HEXACOSANE

R.T.: 16.455 min
Delta R.T.: 0.025 min
Response: 1904836
Conc: 17.31 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.413 min
Delta R.T.: 0.026 min
Response: 3512634
Conc: 32.30 ug/ml



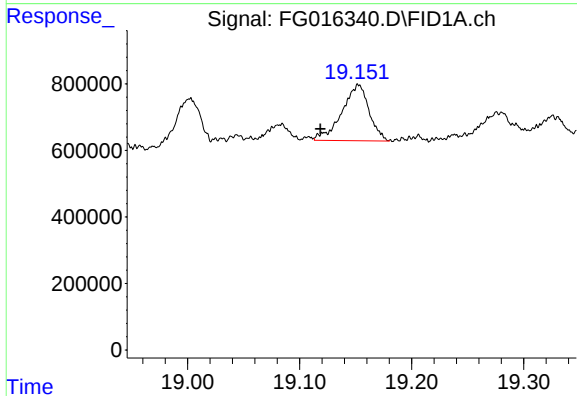
#13 N-TRIACONTANE

R.T.: 18.311 min
Delta R.T.: 0.030 min
Response: 3039081
Conc: 28.44 ug/ml

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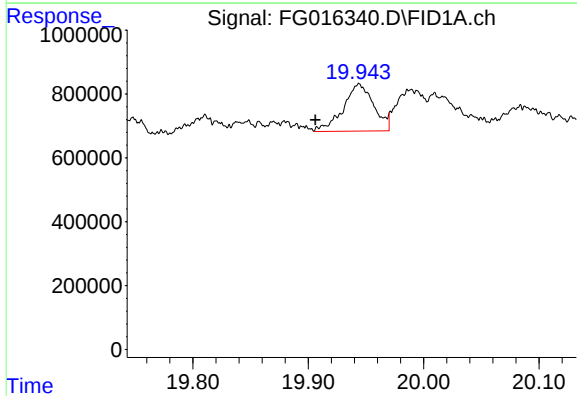
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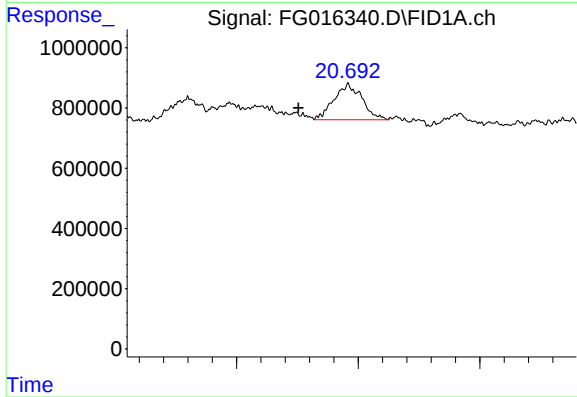
#14 N-DOTRIACONTANE

R.T.: 19.151 min
Delta R.T.: 0.033 min
Response: 2829229
Conc: 27.98 ug/ml m



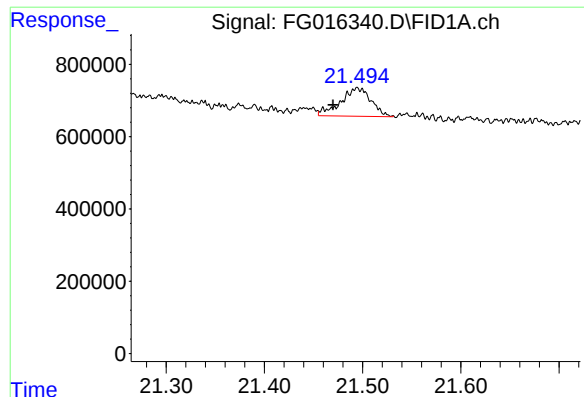
#15 N-TETRATRIACONTANE

R.T.: 19.943 min
Delta R.T.: 0.037 min
Response: 2719273
Conc: 29.89 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.692 min
Delta R.T.: 0.041 min
Response: 1911926
Conc: 25.39 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.494 min
Delta R.T.: 0.024 min
Response: 1671860
Conc: 25.69 ug/ml

Instrument :

FID_G

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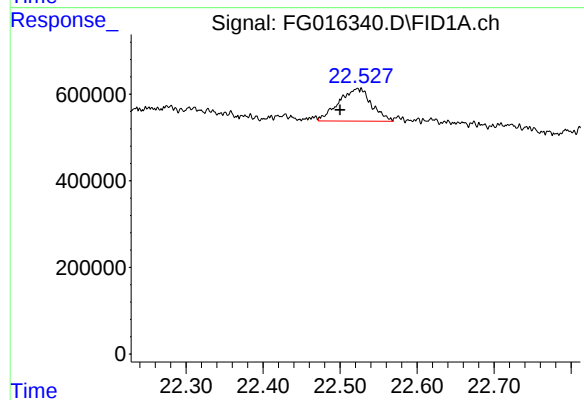
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#18 N-TETRACONTANE

R.T.: 22.527 min
Delta R.T.: 0.027 min
Response: 2220055
Conc: 38.52 ug/ml