

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061423\
 Data File : FG012178.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jun 2023 15:31
 Operator : YP\AJ
 Sample : 03139-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :Ankita Jodhani 06/15/2023

Integration File: autoint1.e
 Quant Time: Jun 15 02:11:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 2023
 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...	15.001	1401872	10.514 ug/ml
Target Compounds			
1) N-OCTANE	2.030	1777986	12.784 ug/ml
2) N-DECANE	4.538	2278416	15.463 ug/ml
3) N-DODECANE	6.707	2383173	15.877 ug/ml
4) N-TETRADECANE	8.535	2478914	16.546 ug/ml
5) N-HEXADECANE	10.145	2448362	15.648 ug/ml
6) N-OCTADECANE	11.589	2857987	17.971 ug/ml
7) N-EICOSANE	12.902	2600798	16.389 ug/ml
8) N-DOCOSANE	14.102	2558440	16.745 ug/ml
10) N-TETRACOSANE	15.206	2608634	17.463 ug/ml
11) N-HEXACOSANE	16.229	2400550	16.951 ug/ml
12) N-OCTACOSANE	17.180	2310451	17.067 ug/mlm
13) N-TRIACONTANE	18.070	2439567	18.412 ug/ml
14) N-DOTRIACONTANE	18.907	2916073	22.845 ug/ml
15) N-TETRATRIACONTANE	19.692	2116866	17.392 ug/ml
16) N-HEXATRIACONTANE	20.434	1361714	11.111 ug/ml
17) N-OCTATRIACONTANE	21.172	1360283	10.662 ug/ml
18) N-TETRACONTANE	22.090	1313772	9.922 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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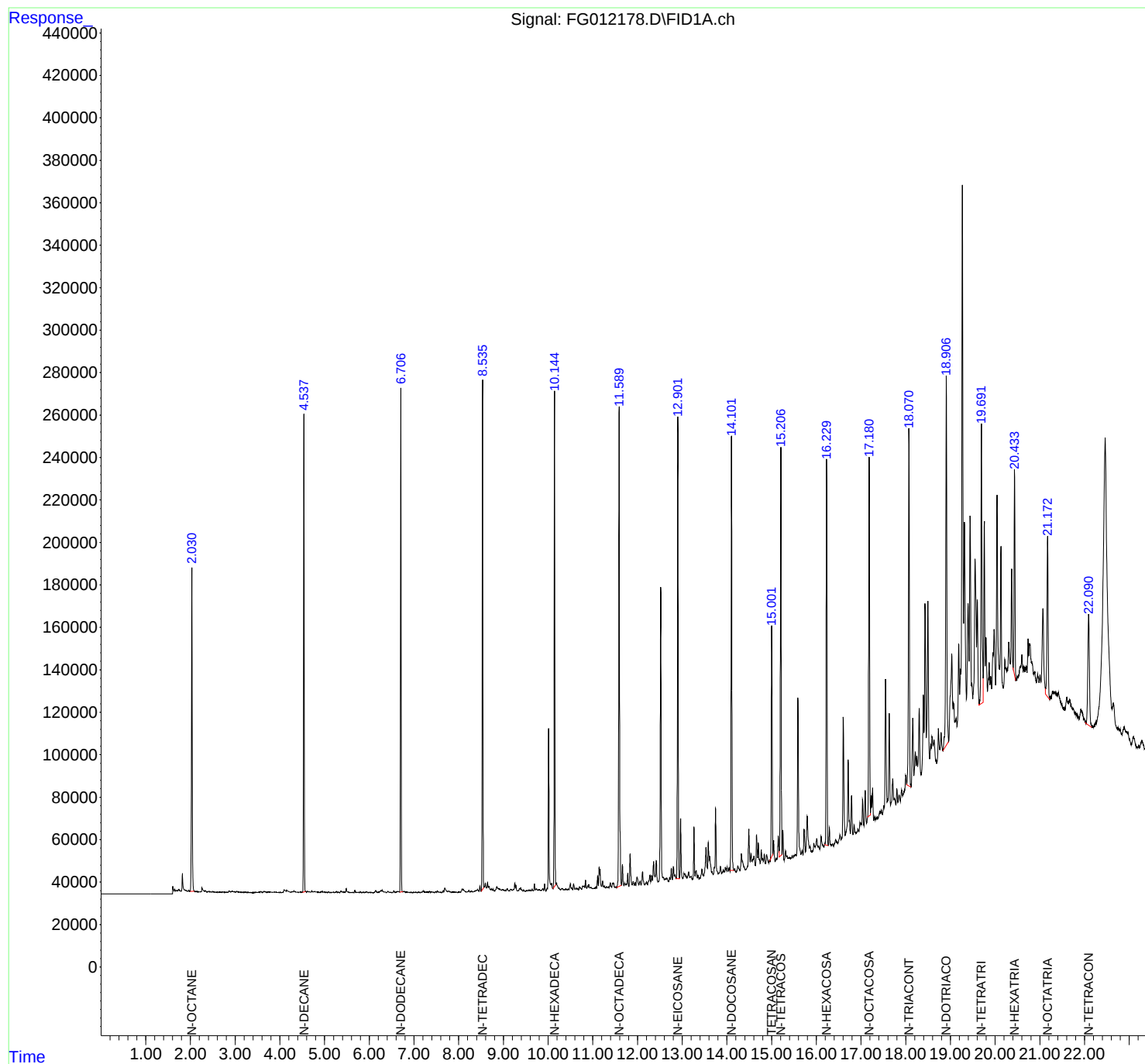
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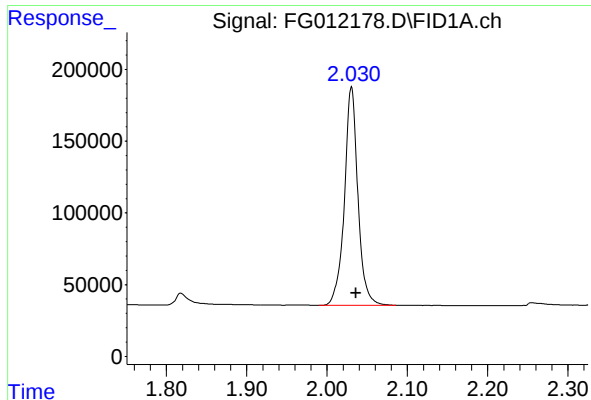
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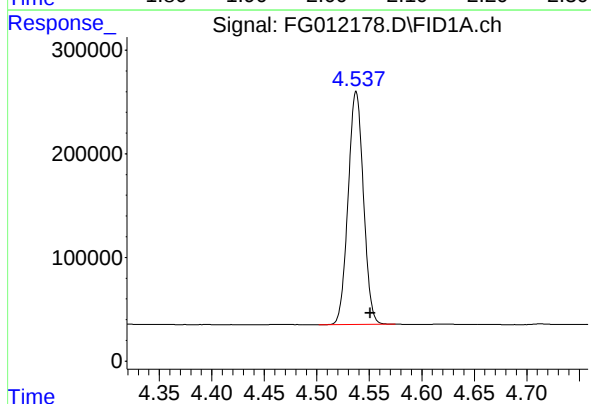
#1 N-OCTANE

R.T.: 2.030 min
Delta R.T.: -0.006 min
Response: 1777986
Conc: 12.78 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

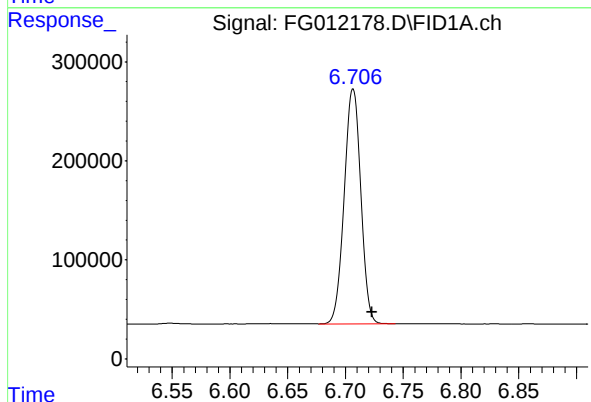
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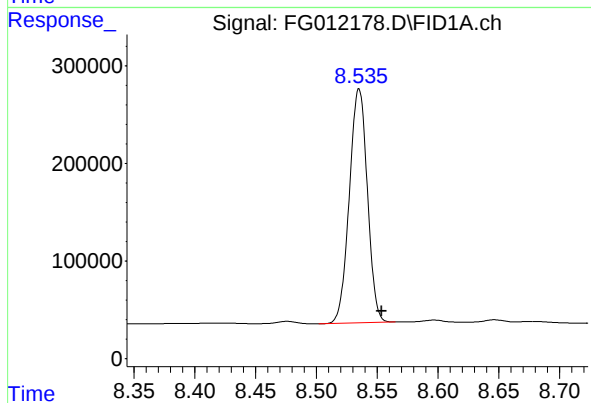
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: -0.014 min
Response: 2278416
Conc: 15.46 ug/ml



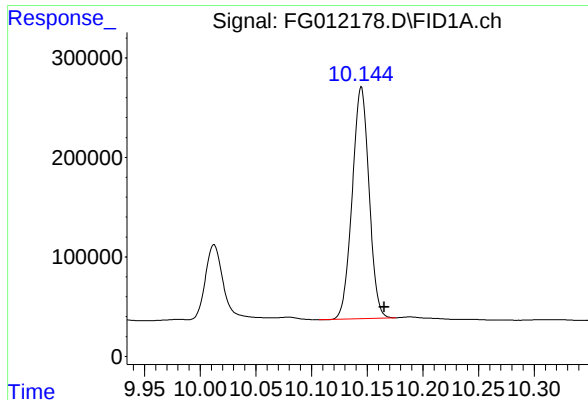
#3 N-DODECANE

R.T.: 6.707 min
Delta R.T.: -0.016 min
Response: 2383173
Conc: 15.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.535 min
Delta R.T.: -0.018 min
Response: 2478914
Conc: 16.55 ug/ml



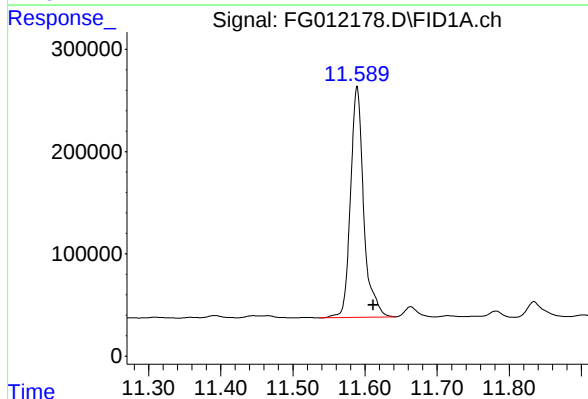
#5 N-HEXADECANE

R.T.: 10.145 min
Delta R.T.: -0.021 min
Response: 2448362
Conc: 15.65 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

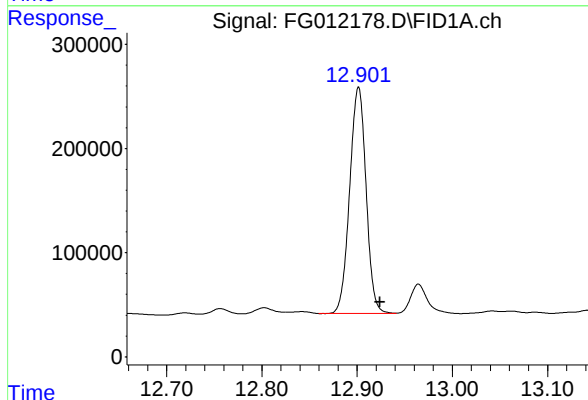
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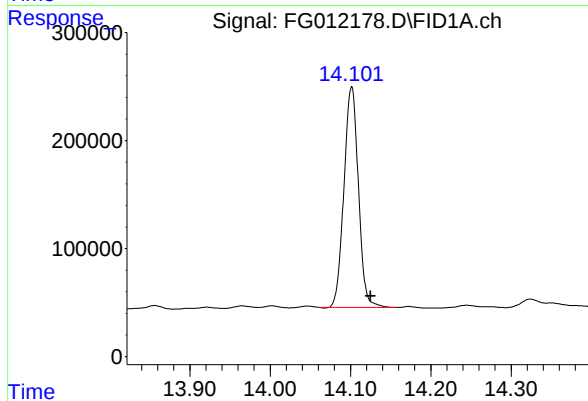
#6 N-OCTADECANE

R.T.: 11.589 min
Delta R.T.: -0.022 min
Response: 2857987
Conc: 17.97 ug/ml



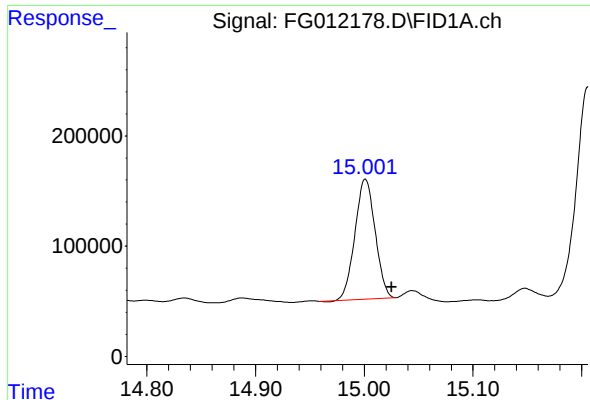
#7 N-EICOSANE

R.T.: 12.902 min
Delta R.T.: -0.022 min
Response: 2600798
Conc: 16.39 ug/ml



#8 N-DOCOSANE

R.T.: 14.102 min
Delta R.T.: -0.024 min
Response: 2558440
Conc: 16.74 ug/ml



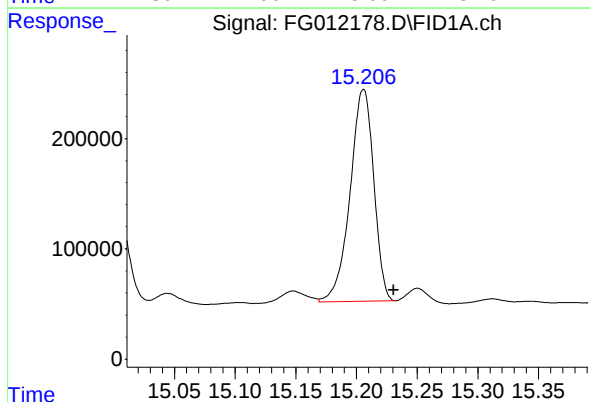
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.001 min
Delta R.T.: -0.024 min
Response: 1401872
Conc: 10.51 ug/ml

Instrument :
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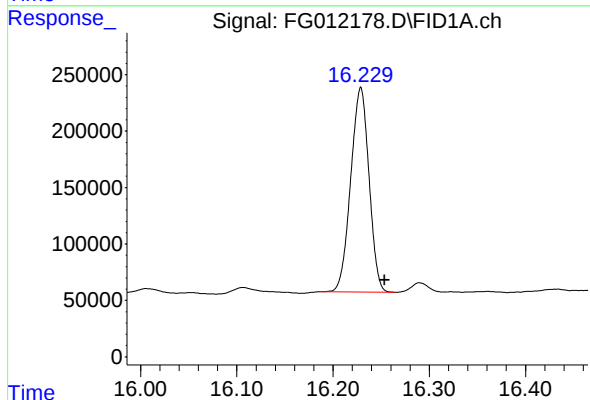
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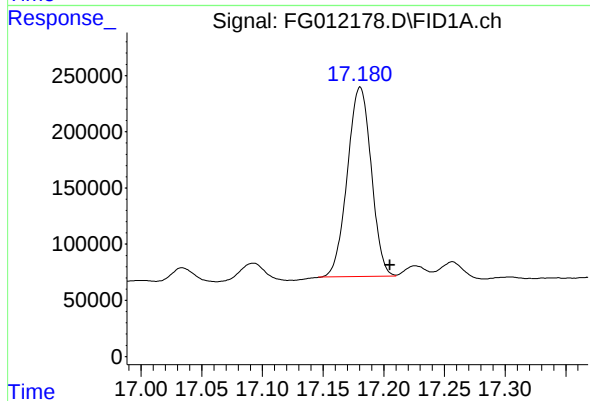
#10 N-TETRACOSANE

R.T.: 15.206 min
Delta R.T.: -0.025 min
Response: 2608634
Conc: 17.46 ug/ml



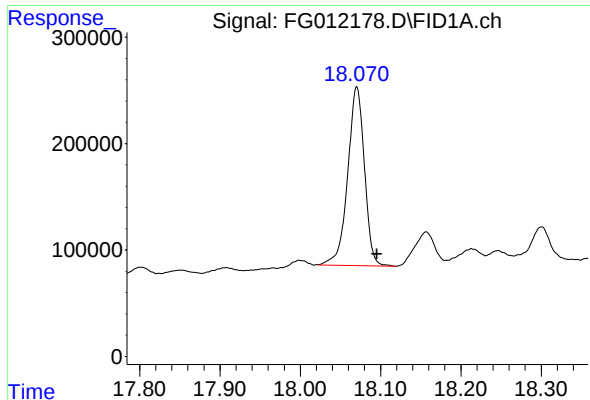
#11 N-HEXACOSANE

R.T.: 16.229 min
Delta R.T.: -0.025 min
Response: 2400550
Conc: 16.95 ug/ml



#12 N-OCTACOSANE

R.T.: 17.180 min
Delta R.T.: -0.025 min
Response: 2310451
Conc: 17.07 ug/ml m



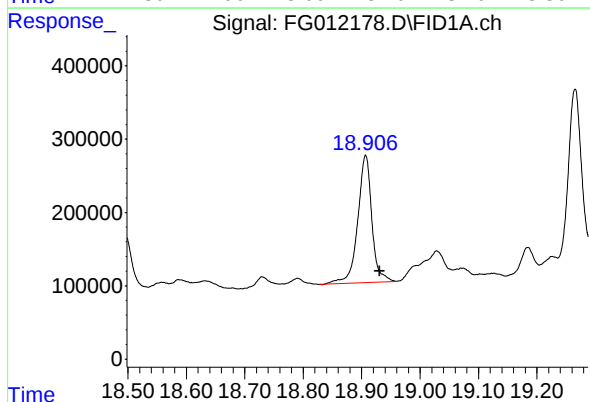
#13 N-TRIACONTANE

R.T.: 18.070 min
Delta R.T.: -0.025 min
Response: 2439567
Conc: 18.41 ug/ml

Instrument :
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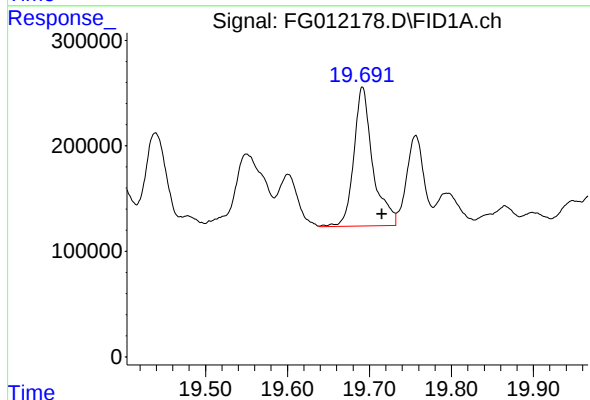
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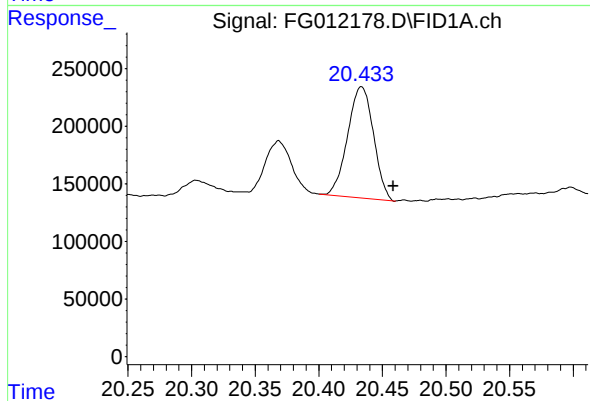
#14 N-DOTRIACONTANE

R.T.: 18.907 min
Delta R.T.: -0.024 min
Response: 2916073
Conc: 22.84 ug/ml



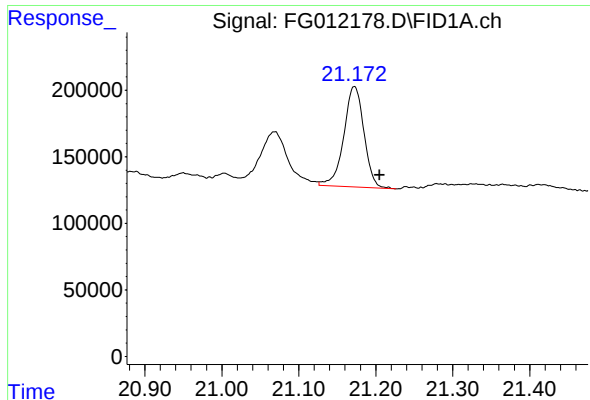
#15 N-TETRATRIACONTANE

R.T.: 19.692 min
Delta R.T.: -0.024 min
Response: 2116866
Conc: 17.39 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.434 min
Delta R.T.: -0.025 min
Response: 1361714
Conc: 11.11 ug/ml



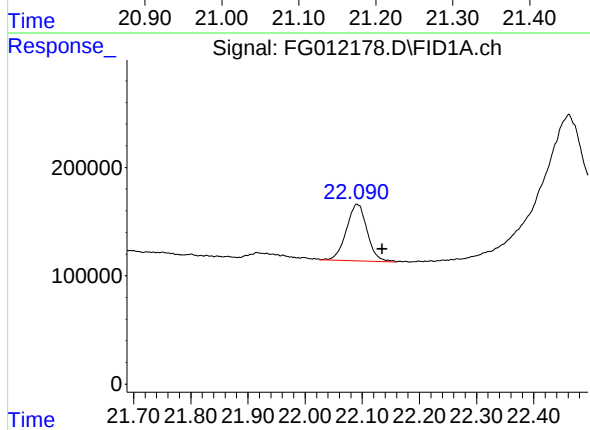
#17 N-OCTATRIACONTANE

R.T.: 21.172 min
Delta R.T.: -0.033 min
Response: 1360283
Conc: 10.66 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.090 min
Delta R.T.: -0.046 min
Response: 1313772
Conc: 9.92 ug/ml m