

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061423\
 Data File : FG012179.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jun 2023 16:01
 Operator : YP\AJ
 Sample : 03139-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

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 02:12:04 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...	15.003	1432991	10.748 ug/ml
Target Compounds			
1) N-OCTANE	2.033	1780966	12.806 ug/ml
2) N-DECANE	4.538	2295451	15.579 ug/ml
3) N-DODECANE	6.707	2390204	15.924 ug/ml
4) N-TETRADECANE	8.536	2482608	16.570 ug/ml
5) N-HEXADECANE	10.145	2452641	15.676 ug/ml
6) N-OCTADECANE	11.590	2833652	17.818 ug/ml
7) N-EICOSANE	12.901	2570127	16.196 ug/ml
8) N-DOCOSANE	14.101	2546930	16.669 ug/ml
10) N-TETRACOSANE	15.206	2580076	17.272 ug/ml
11) N-HEXACOSANE	16.231	2364408	16.696 ug/ml
12) N-OCTACOSANE	17.182	2288854	16.908 ug/ml
13) N-TRIACONTANE	18.072	2489873	18.792 ug/ml
14) N-DOTRIACONTANE	18.909	2974043	23.299 ug/ml
15) N-TETRATRIACONTANE	19.694	2085210	17.131 ug/ml
16) N-HEXATRIACONTANE	20.434	1353262	11.042 ug/ml
17) N-OCTATRIACONTANE	21.175	1307668	10.249 ug/ml
18) N-TETRACONTANE	22.092	1233385	9.315 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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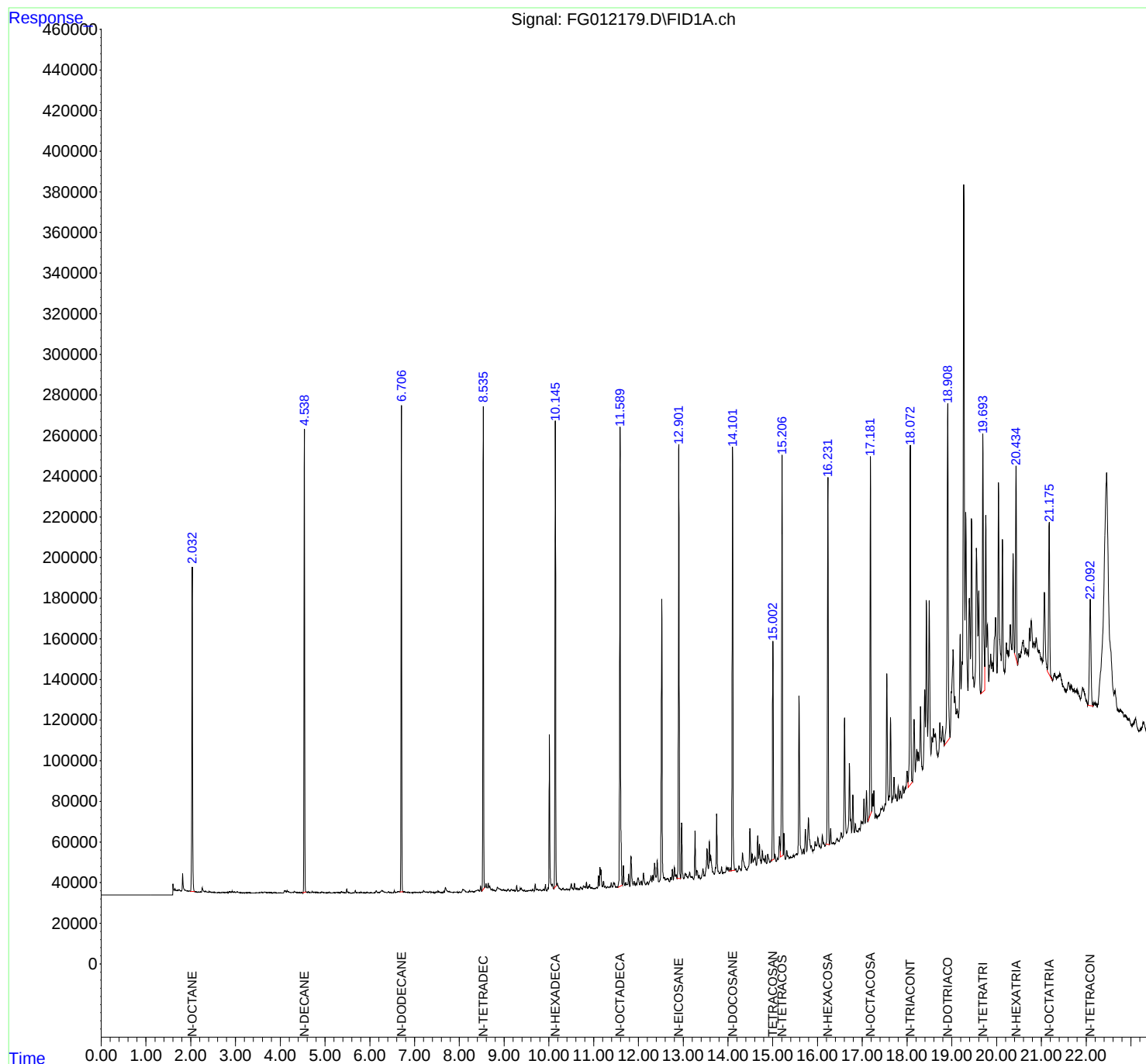
APPROVED

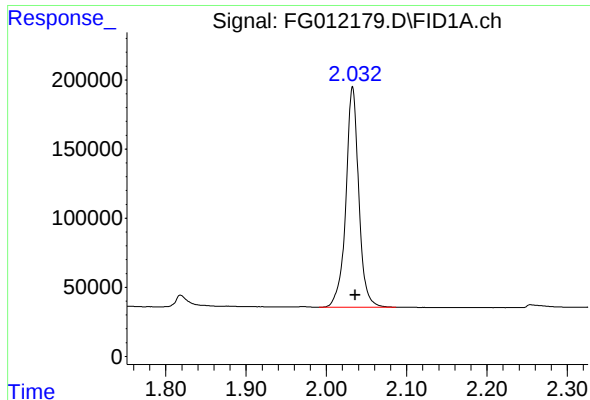
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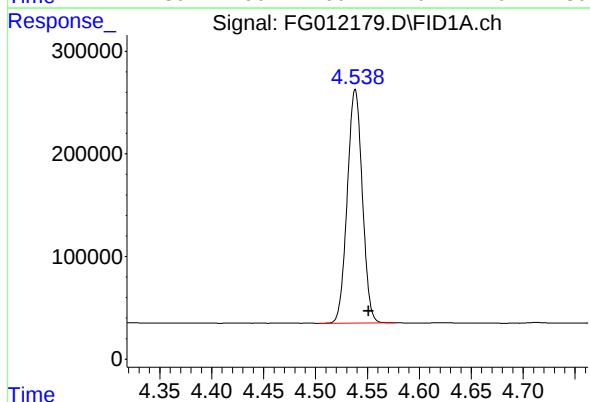
#1 N-OCTANE

R.T.: 2.033 min
Delta R.T.: -0.003 min
Response: 1780966
Conc: 12.81 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

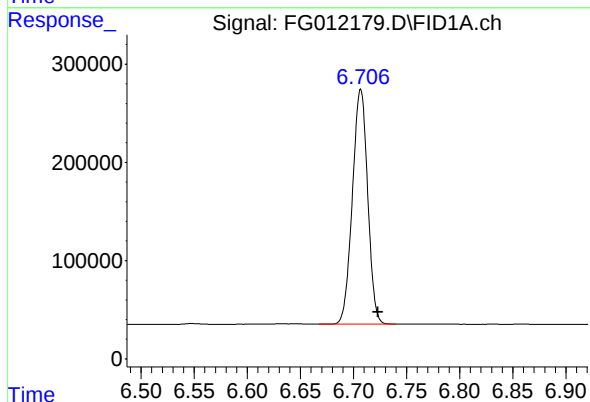
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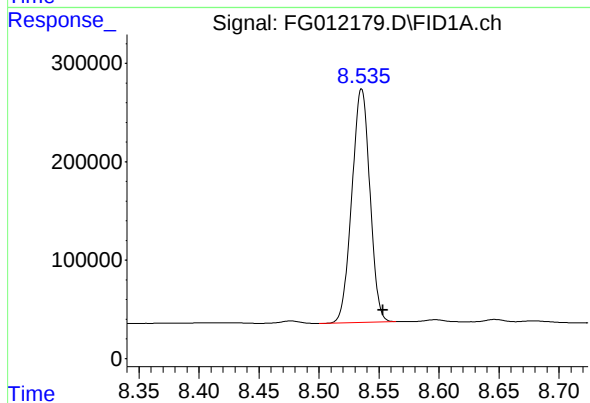
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: -0.013 min
Response: 2295451
Conc: 15.58 ug/ml



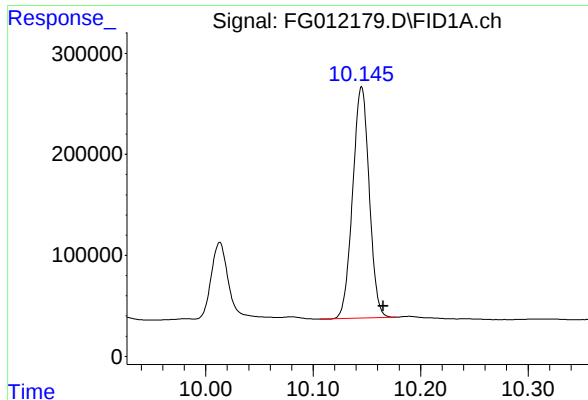
#3 N-DODECANE

R.T.: 6.707 min
Delta R.T.: -0.016 min
Response: 2390204
Conc: 15.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.536 min
Delta R.T.: -0.018 min
Response: 2482608
Conc: 16.57 ug/ml



#5 N-HEXADECANE

R.T.: 10.145 min
Delta R.T.: -0.020 min
Response: 2452641
Conc: 15.68 ug/ml

Instrument :

FID_G

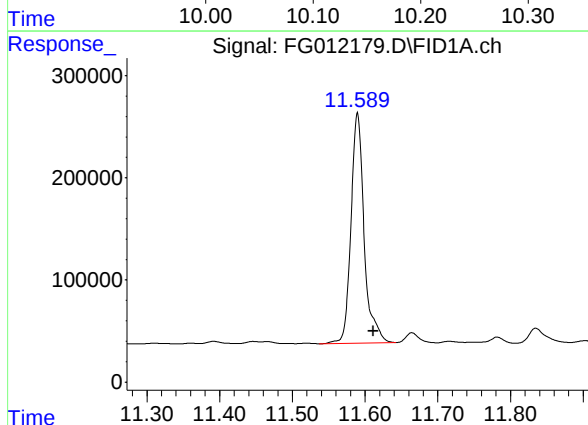
ClientSampleId :

WASTEMSD

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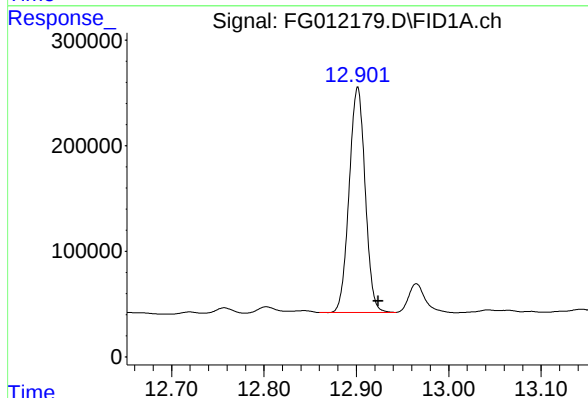
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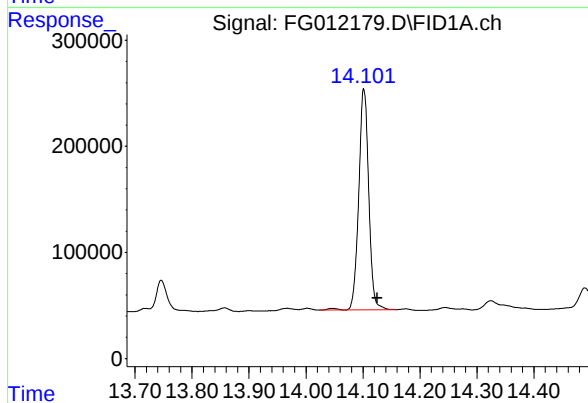
#6 N-OCTADECANE

R.T.: 11.590 min
Delta R.T.: -0.022 min
Response: 2833652
Conc: 17.82 ug/ml



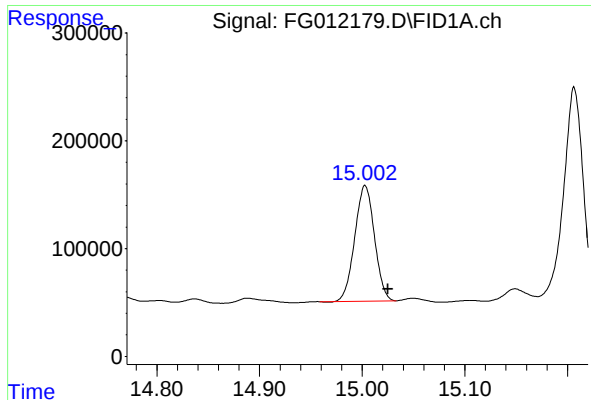
#7 N-EICOSANE

R.T.: 12.901 min
Delta R.T.: -0.022 min
Response: 2570127
Conc: 16.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.101 min
Delta R.T.: -0.024 min
Response: 2546930
Conc: 16.67 ug/ml



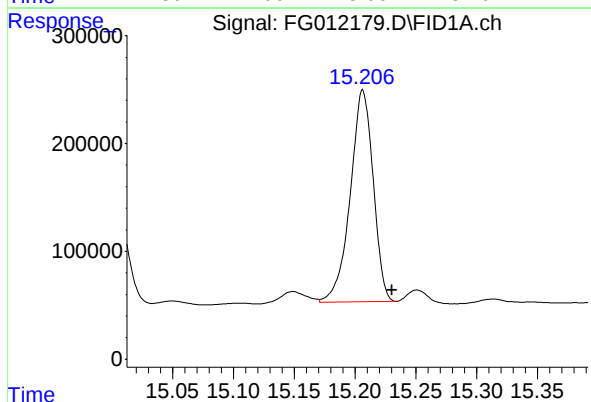
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.003 min
Delta R.T.: -0.022 min
Response: 1432991
Conc: 10.75 ug/ml

Instrument :
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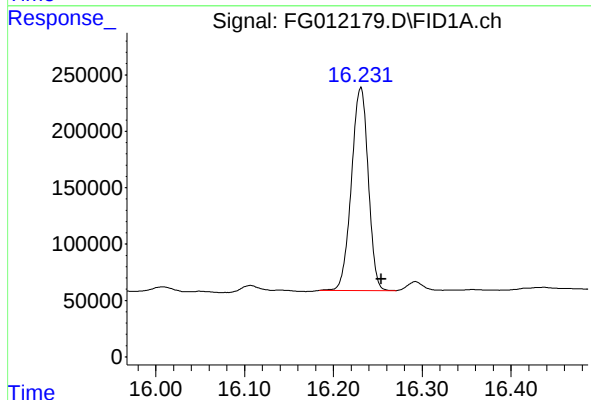
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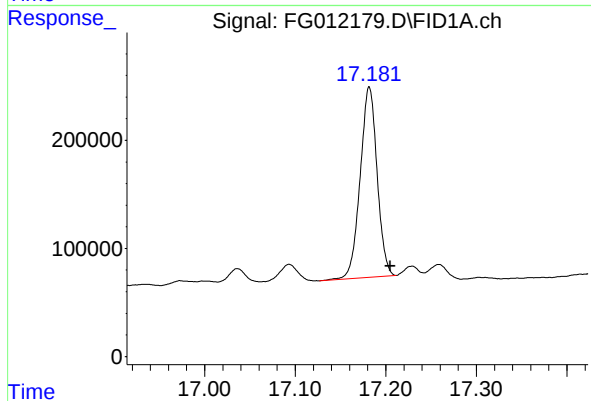
#10 N-TETRACOSANE

R.T.: 15.206 min
Delta R.T.: -0.024 min
Response: 2580076
Conc: 17.27 ug/ml



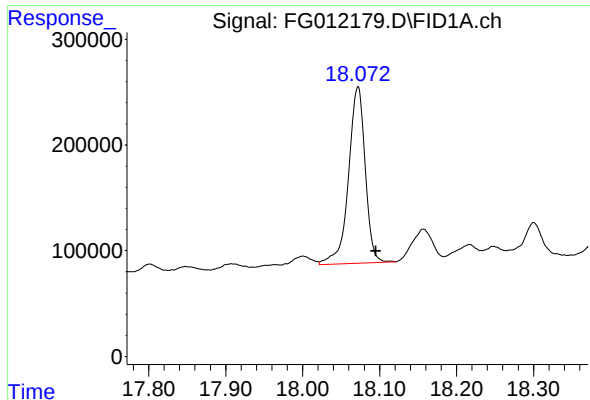
#11 N-HEXACOSANE

R.T.: 16.231 min
Delta R.T.: -0.023 min
Response: 2364408
Conc: 16.70 ug/ml



#12 N-OCTACOSANE

R.T.: 17.182 min
Delta R.T.: -0.023 min
Response: 2288854
Conc: 16.91 ug/ml



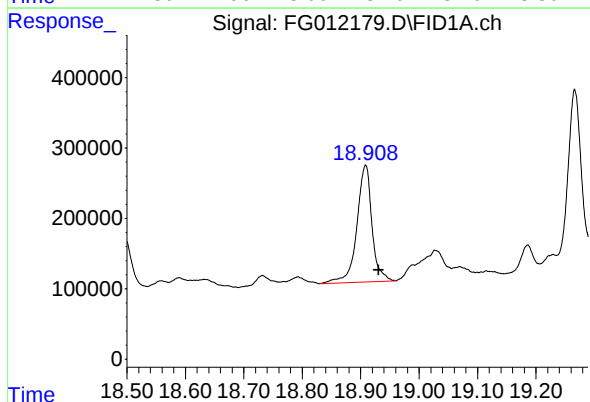
#13 N-TRIACONTANE

R.T.: 18.072 min
Delta R.T.: -0.024 min
Response: 2489873
Conc: 18.79 ug/ml

Instrument :
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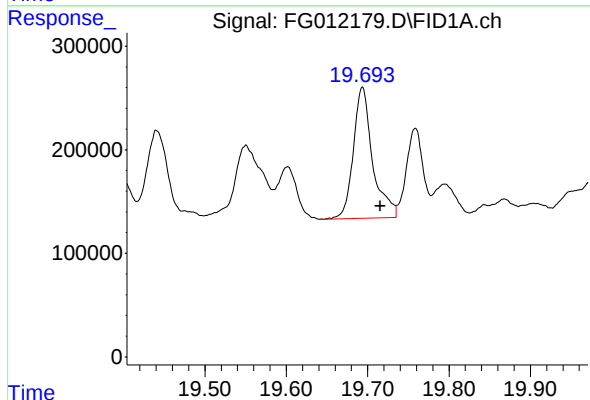
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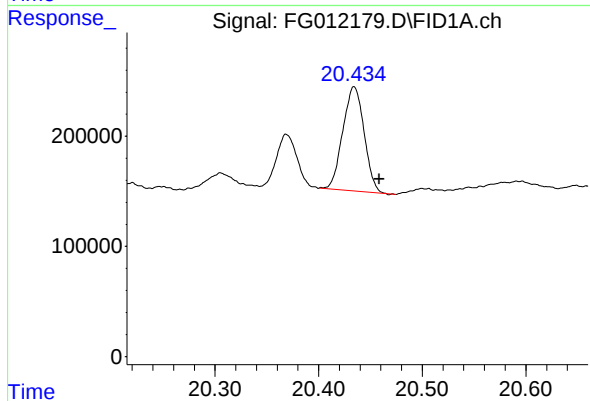
#14 N-DOTRIACONTANE

R.T.: 18.909 min
Delta R.T.: -0.022 min
Response: 2974043
Conc: 23.30 ug/ml



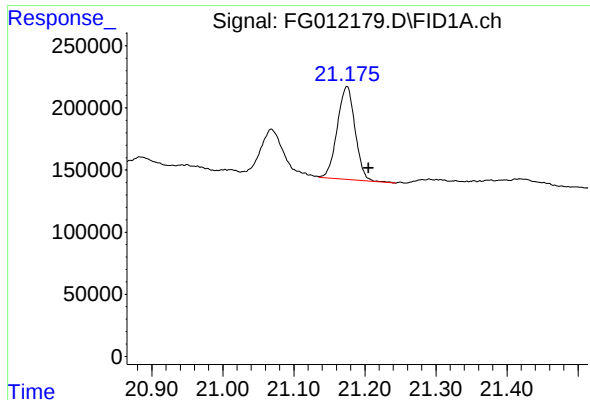
#15 N-TETRATRIACONTANE

R.T.: 19.694 min
Delta R.T.: -0.022 min
Response: 2085210
Conc: 17.13 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.434 min
Delta R.T.: -0.024 min
Response: 1353262
Conc: 11.04 ug/ml



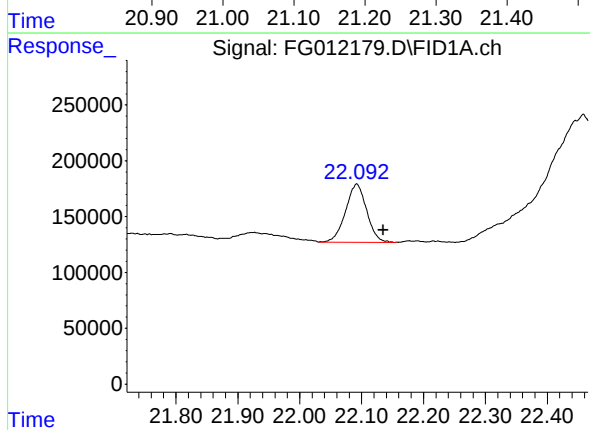
#17 N-OCTATRIACONTANE

R.T.: 21.175 min
Delta R.T.: -0.030 min
Response: 1307668
Conc: 10.25 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.092 min
Delta R.T.: -0.044 min
Response: 1233385
Conc: 9.31 ug/ml m