

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016039.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 06:17
 Operator : YP\AJ
 Sample : Q2126-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 11 06:51:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.969	2649380	21.617 ug/ml
Target Compounds			
1) N-OCTANE	1.952	544264	4.629 ug/ml
2) N-DECANE	4.473	582094	4.954 ug/ml
3) N-DODECANE	6.655	594844	4.901 ug/ml
4) N-TETRADECANE	8.491	658754	5.159 ug/ml
5) N-HEXADECANE	10.104	686862	5.155 ug/ml
6) N-OCTADECANE	11.551	749354	5.430 ug/ml
7) N-EICOSANE	12.864	768551	5.440 ug/ml
8) N-DOCOSANE	14.065	788394	5.739 ug/ml
10) N-TETRACOSANE	15.171	835169	6.075 ug/ml
11) N-HEXACOSANE	16.197	841680	6.195 ug/ml
12) N-OCTACOSANE	17.148	853604	6.331 ug/ml
13) N-TRIACONTANE	18.037	842775	6.177 ug/ml
14) N-DOTRIACONTANE	18.873	828579	6.186 ug/ml
15) N-TETRATRIACONTANE	19.657	714795	5.894 ug/ml
16) N-HEXATRIACONTANE	20.399	624559	5.849 ug/ml
17) N-OCTATRIACONTANE	21.133	545729	5.687 ug/ml
18) N-TETRACONTANE	22.041	492380	5.598 ug/ml

(f)=RT Delta > 1/2 Window

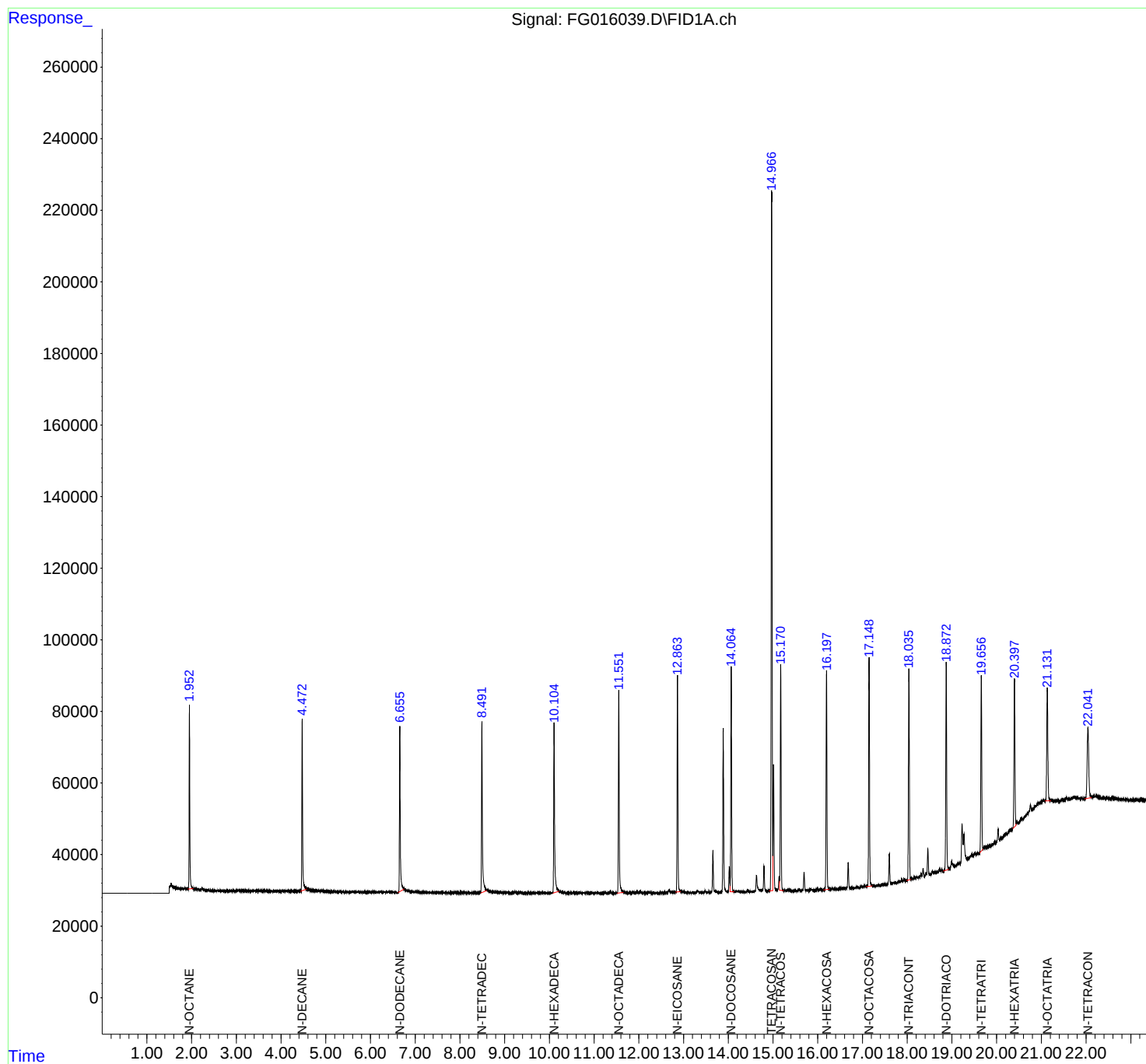
(m)=manual int.

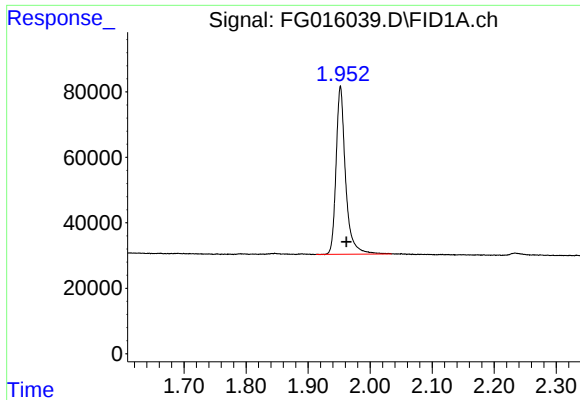
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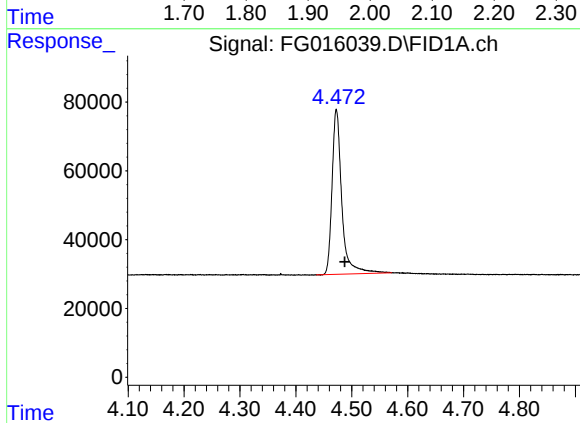




#1 N-OCTANE

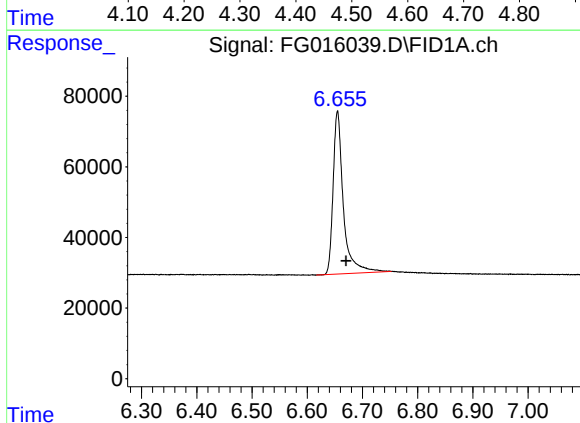
R.T.: 1.952 min
Delta R.T.: -0.010 min
Response: 544264
Conc: 4.63 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT2-2025



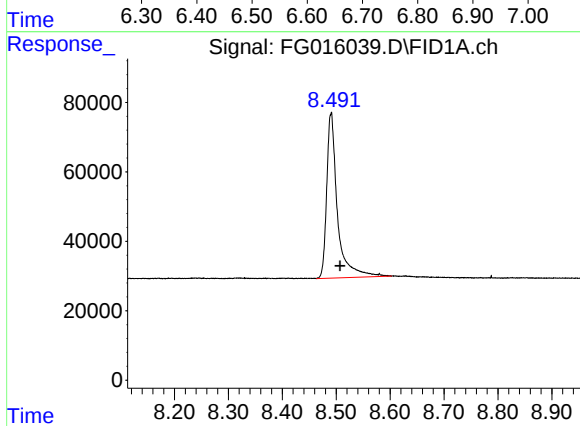
#2 N-DECANE

R.T.: 4.473 min
Delta R.T.: -0.015 min
Response: 582094
Conc: 4.95 ug/ml



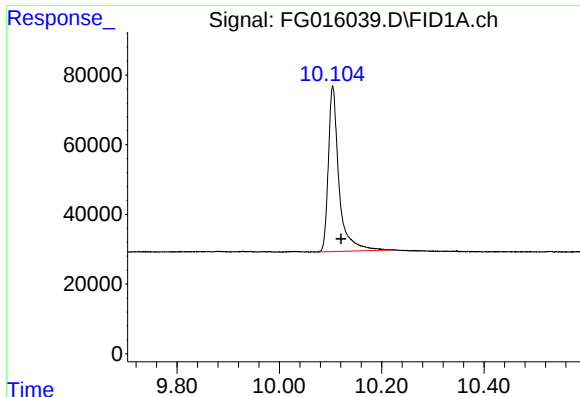
#3 N-DODECANE

R.T.: 6.655 min
Delta R.T.: -0.016 min
Response: 594844
Conc: 4.90 ug/ml



#4 N-TETRADECANE

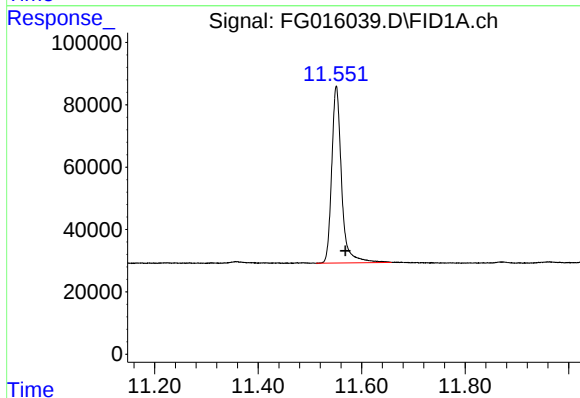
R.T.: 8.491 min
Delta R.T.: -0.017 min
Response: 658754
Conc: 5.16 ug/ml



#5 N-HEXADECANE

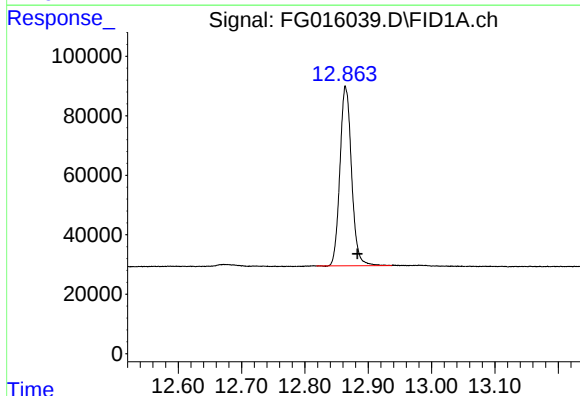
R.T.: 10.104 min
Delta R.T.: -0.016 min
Response: 686862
Conc: 5.16 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT2-2025



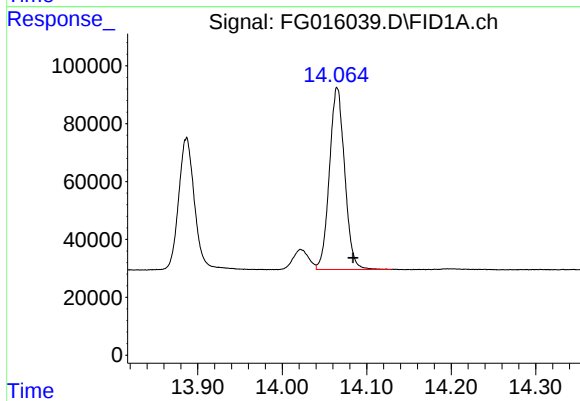
#6 N-OCTADECANE

R.T.: 11.551 min
Delta R.T.: -0.017 min
Response: 749354
Conc: 5.43 ug/ml



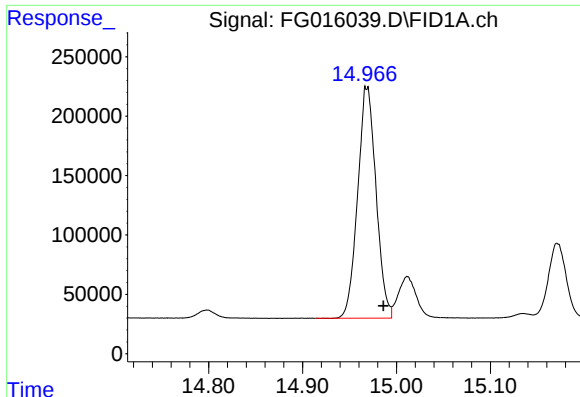
#7 N-EICOSANE

R.T.: 12.864 min
Delta R.T.: -0.018 min
Response: 768551
Conc: 5.44 ug/ml



#8 N-DOCOSANE

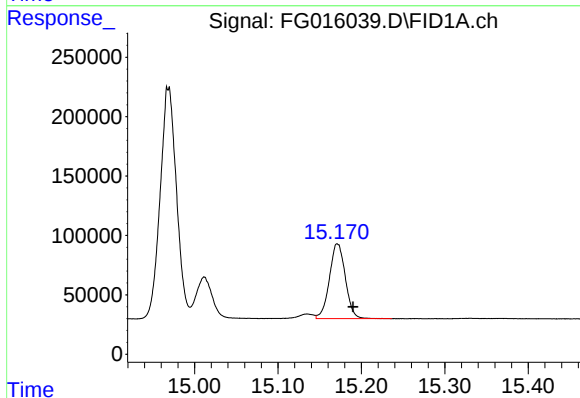
R.T.: 14.065 min
Delta R.T.: -0.019 min
Response: 788394
Conc: 5.74 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

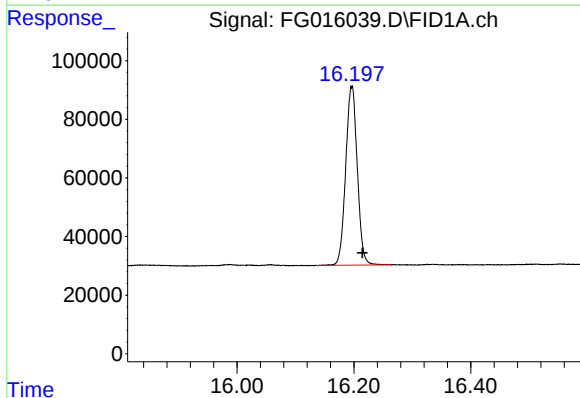
R.T.: 14.969 min
Delta R.T.: -0.018 min
Response: 2649380
Conc: 21.62 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT2-2025



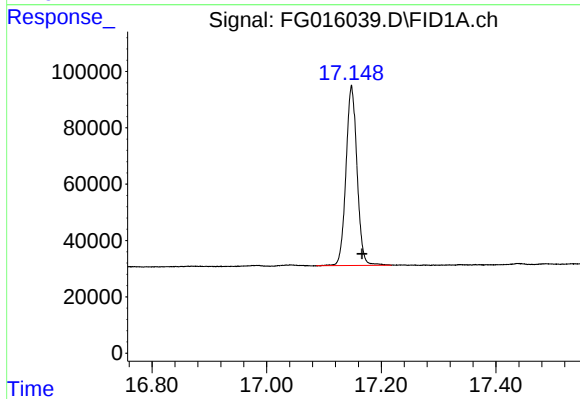
#10 N-TETRACOSANE

R.T.: 15.171 min
Delta R.T.: -0.019 min
Response: 835169
Conc: 6.08 ug/ml



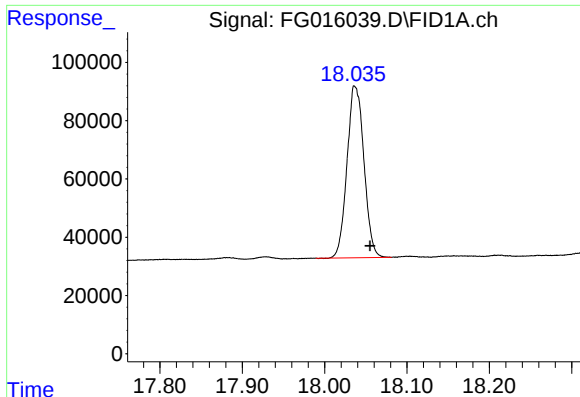
#11 N-HEXACOSANE

R.T.: 16.197 min
Delta R.T.: -0.018 min
Response: 841680
Conc: 6.19 ug/ml



#12 N-OCTACOSANE

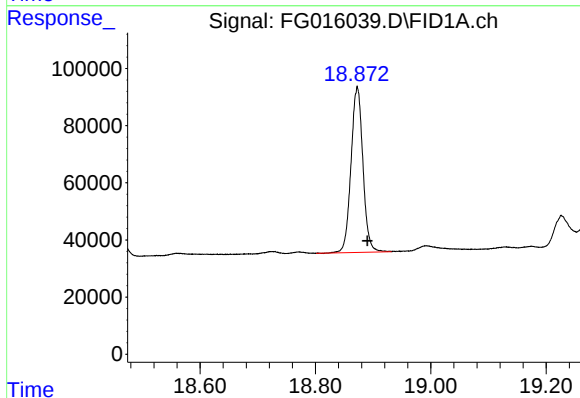
R.T.: 17.148 min
Delta R.T.: -0.018 min
Response: 853604
Conc: 6.33 ug/ml



#13 N-TRIACONTANE

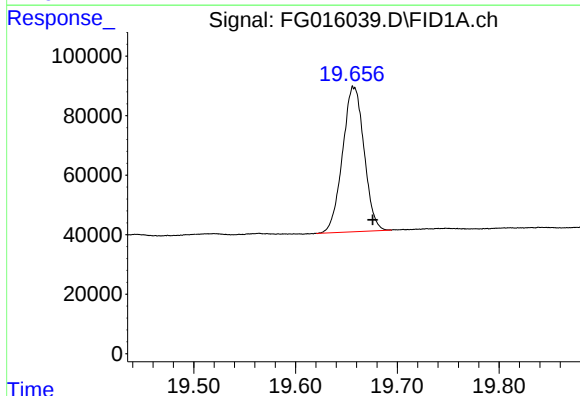
R.T.: 18.037 min
Delta R.T.: -0.019 min
Response: 842775
Conc: 6.18 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT2-2025



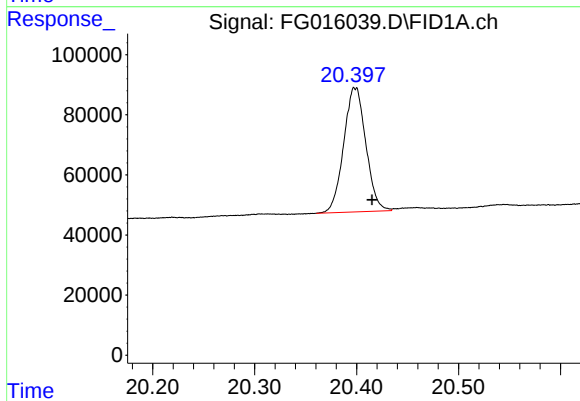
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.018 min
Response: 828579
Conc: 6.19 ug/ml



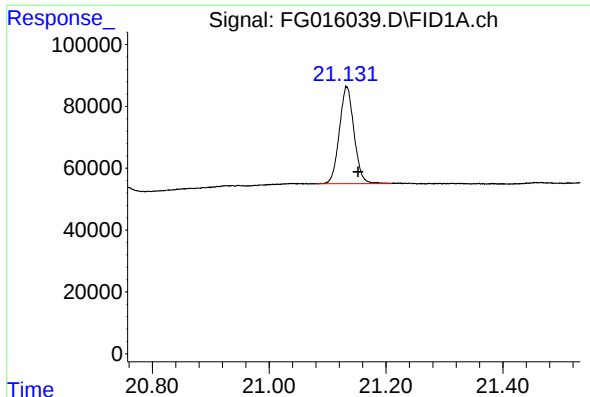
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.019 min
Response: 714795
Conc: 5.89 ug/ml



#16 N-HEXATRIACONTANE

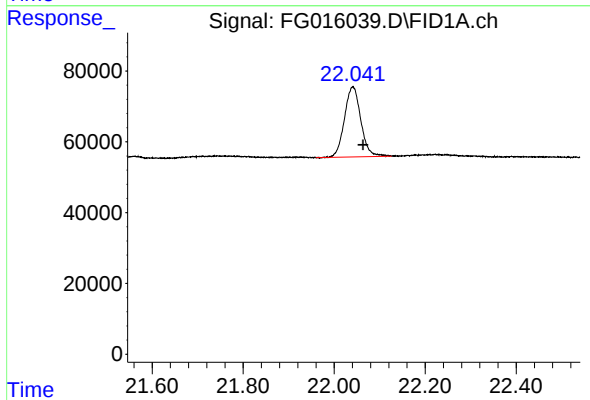
R.T.: 20.399 min
Delta R.T.: -0.016 min
Response: 624559
Conc: 5.85 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.133 min
Delta R.T.: -0.020 min
Response: 545729
Conc: 5.69 ug/ml

Instrument :
FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.041 min
Delta R.T.: -0.023 min
Response: 492380
Conc: 5.60 ug/ml