

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016972.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 17:32
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : LOD-MDL-SOIL-0.25 ML-QT4-2025
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 26 04:59:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.139	1948303	18.111 ug/ml
Target Compounds			
1) N-OCTANE	2.084	546665	4.614 ug/ml
2) N-DECANE	4.617	536982	4.646 ug/ml
3) N-DODECANE	6.800	519704	4.458 ug/ml
4) N-TETRADECANE	8.643	468170	4.095 ug/ml
5) N-HEXADECANE	10.261	479623	4.176 ug/ml
6) N-OCTADECANE	11.712	533234	4.383 ug/ml
7) N-EICOSANE	13.029	557311	4.425 ug/ml
8) N-DOCOSANE	14.234	566696	4.605 ug/ml
10) N-TETRACOSANE	15.345	555194	4.542 ug/ml
11) N-HEXACOSANE	16.374	530965	4.496 ug/ml
12) N-OCTACOSANE	17.329	547160	4.625 ug/ml
13) N-TRIACONTANE	18.221	586939	4.994 ug/ml
14) N-DOTRIACONTANE	19.059	933286	8.230 ug/ml
15) N-TETRATRIACONTANE	19.846	1692696	16.003 ug/ml
16) N-HEXATRIACONTANE	20.592	2600288	27.500 ug/ml
17) N-OCTATRIACONTANE	21.366	3153307	39.097 ug/ml
18) N-TETRACONTANE	22.344	3272088	46.793 ug/ml

(f)=RT Delta > 1/2 Window

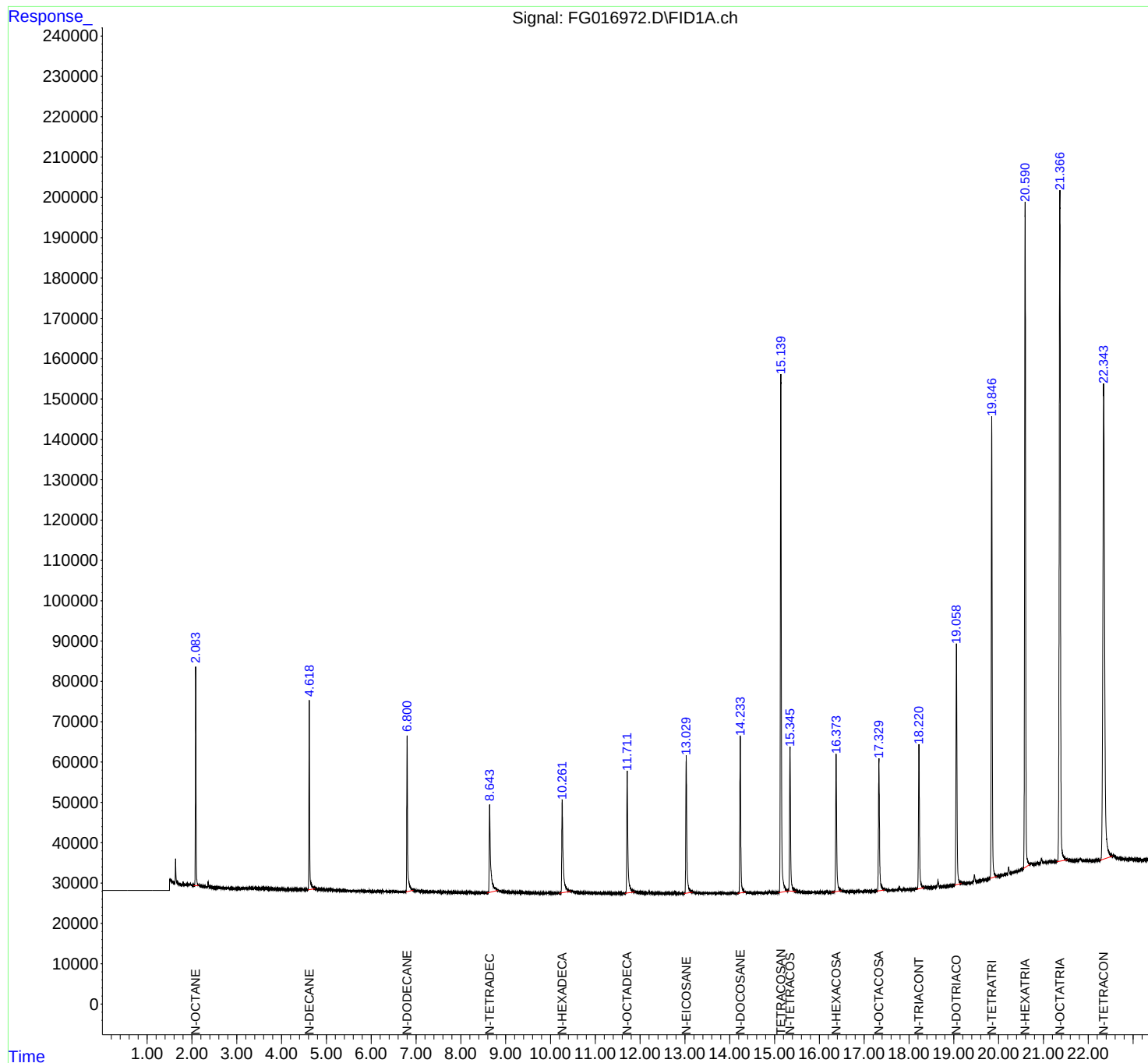
(m)=manual int.

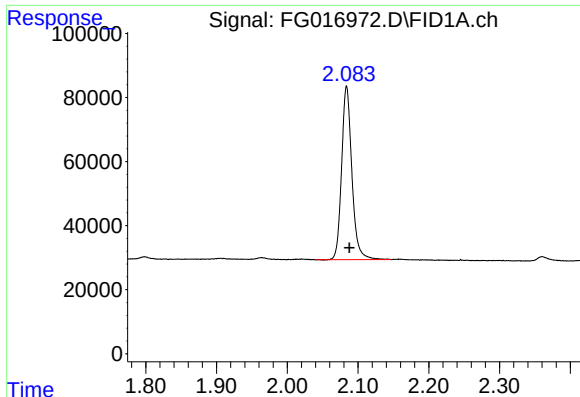
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

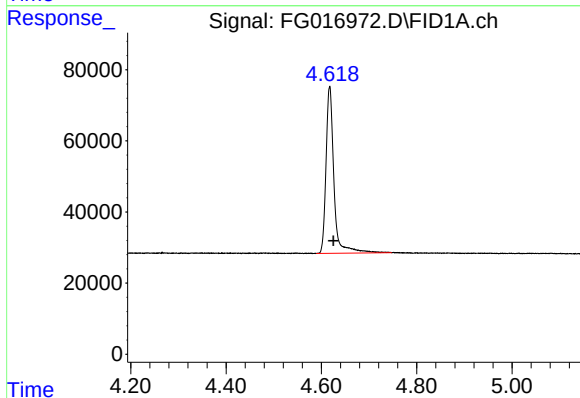




#1 N-OCTANE

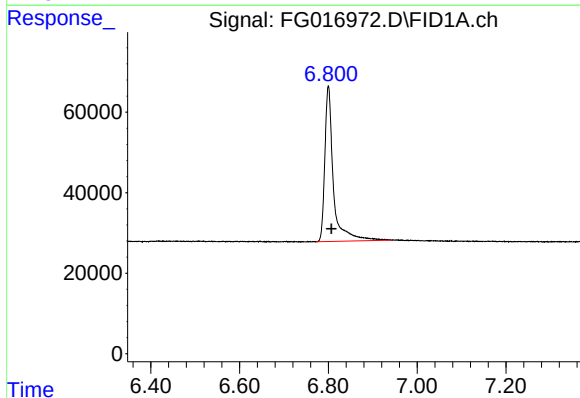
R.T.: 2.084 min
Delta R.T.: -0.004 min
Response: 546665
Conc: 4.61 ug/ml

Instrument :
FID_E
ClientSampleId :



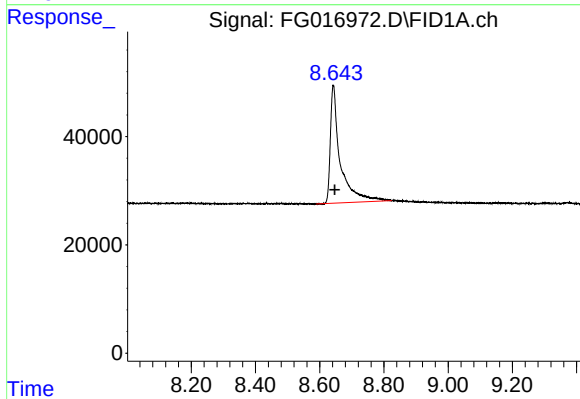
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: -0.007 min
Response: 536982
Conc: 4.65 ug/ml



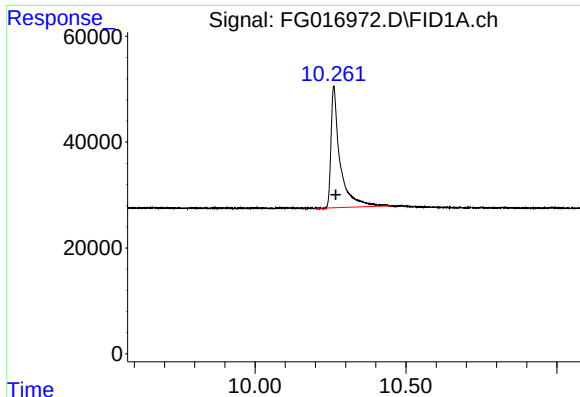
#3 N-DODECANE

R.T.: 6.800 min
Delta R.T.: -0.007 min
Response: 519704
Conc: 4.46 ug/ml



#4 N-TETRADECANE

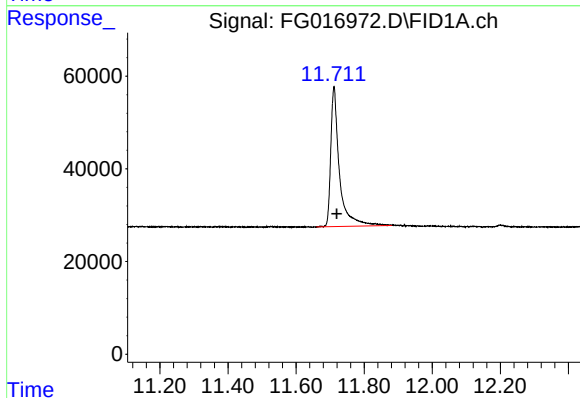
R.T.: 8.643 min
Delta R.T.: -0.005 min
Response: 468170
Conc: 4.10 ug/ml



#5 N-HEXADECANE

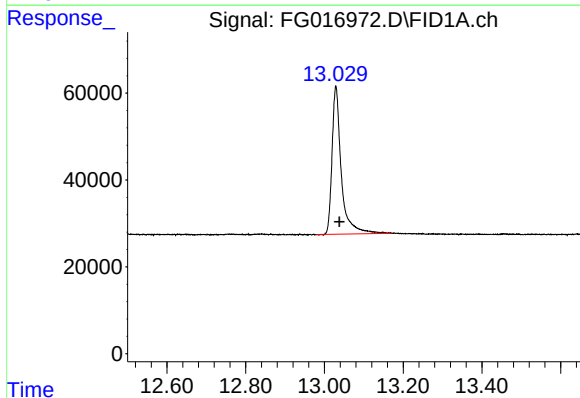
R.T.: 10.261 min
Delta R.T.: -0.006 min
Response: 479623
Conc: 4.18 ug/ml

Instrument :
FID_E
ClientSampleId :



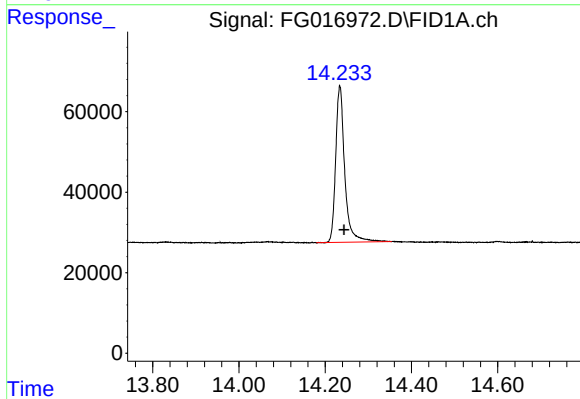
#6 N-OCTADECANE

R.T.: 11.712 min
Delta R.T.: -0.007 min
Response: 533234
Conc: 4.38 ug/ml



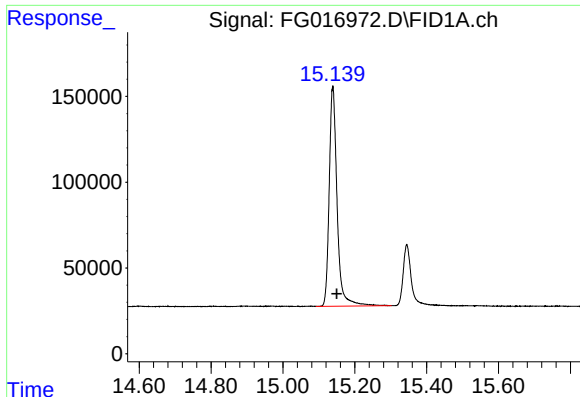
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.009 min
Response: 557311
Conc: 4.43 ug/ml



#8 N-DOCOSANE

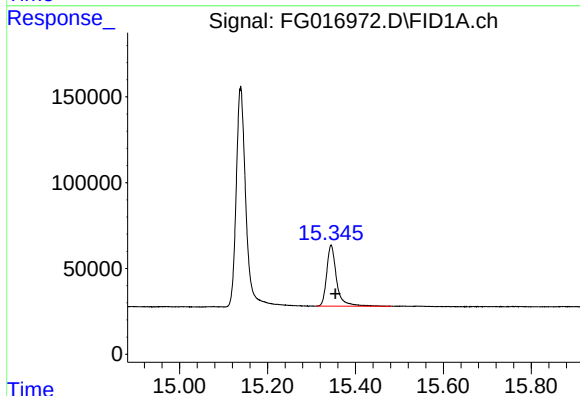
R.T.: 14.234 min
Delta R.T.: -0.010 min
Response: 566696
Conc: 4.60 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

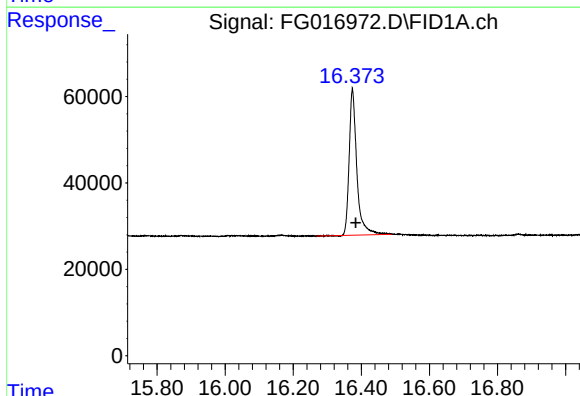
R.T.: 15.139 min
Delta R.T.: -0.011 min
Response: 1948303
Conc: 18.11 ug/ml

Instrument :
FID_E
ClientSampleId :



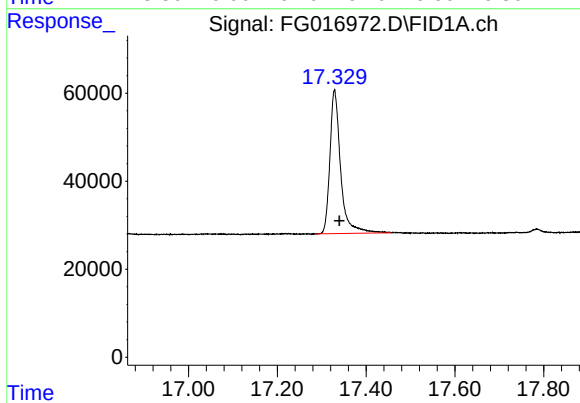
#10 N-TETRACOSANE

R.T.: 15.345 min
Delta R.T.: -0.009 min
Response: 555194
Conc: 4.54 ug/ml



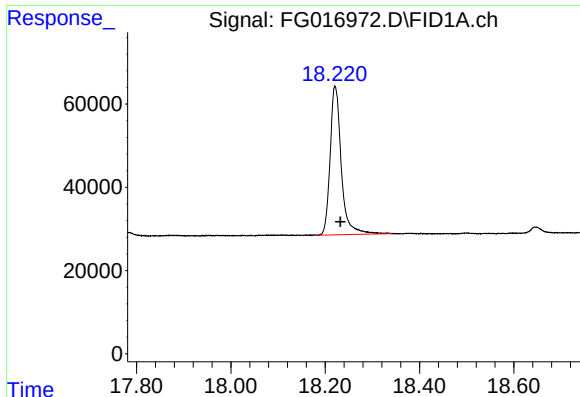
#11 N-HEXACOSANE

R.T.: 16.374 min
Delta R.T.: -0.009 min
Response: 530965
Conc: 4.50 ug/ml



#12 N-OCTACOSANE

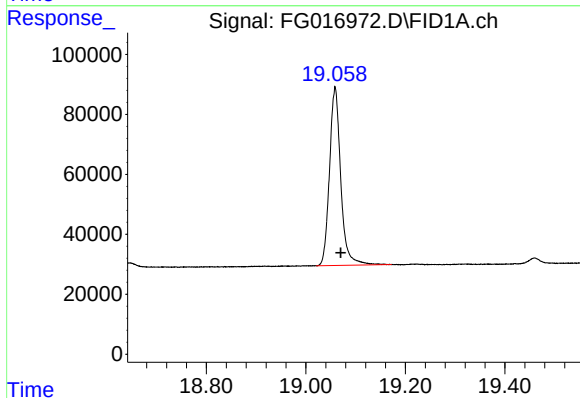
R.T.: 17.329 min
Delta R.T.: -0.011 min
Response: 547160
Conc: 4.63 ug/ml



#13 N-TRIACONTANE

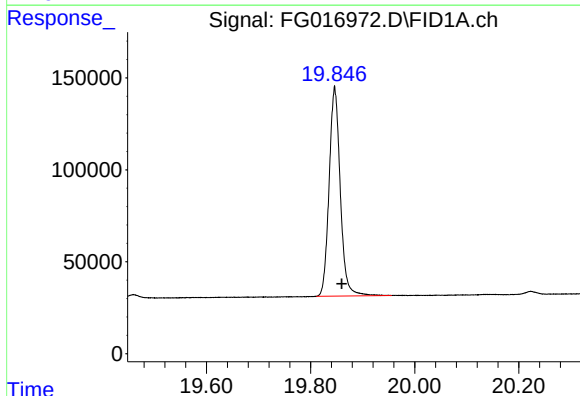
R.T.: 18.221 min
Delta R.T.: -0.011 min
Response: 586939
Conc: 4.99 ug/ml

Instrument :
FID_E
ClientSampleId :



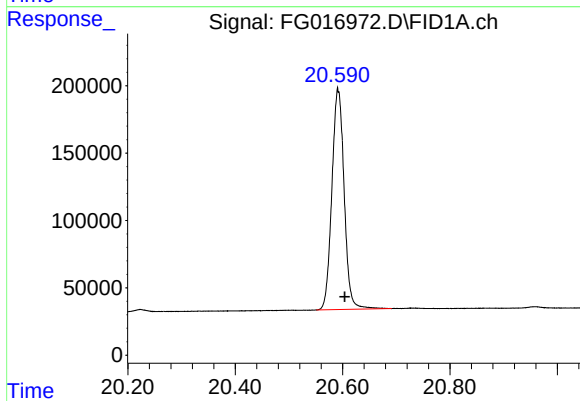
#14 N-DOTRIACONTANE

R.T.: 19.059 min
Delta R.T.: -0.011 min
Response: 933286
Conc: 8.23 ug/ml



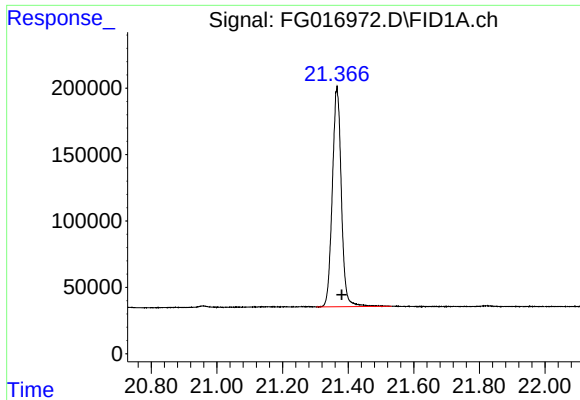
#15 N-TETRATRIACONTANE

R.T.: 19.846 min
Delta R.T.: -0.013 min
Response: 1692696
Conc: 16.00 ug/ml



#16 N-HEXATRIACONTANE

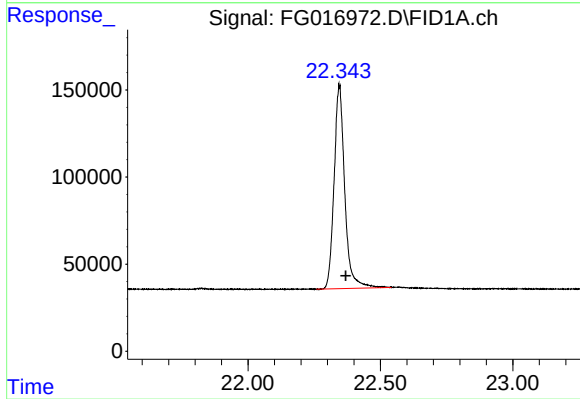
R.T.: 20.592 min
Delta R.T.: -0.012 min
Response: 2600288
Conc: 27.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.366 min
Delta R.T.: -0.015 min
Response: 3153307
Conc: 39.10 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.344 min
Delta R.T.: -0.024 min
Response: 3272088
Conc: 46.79 ug/ml