

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
 Data File : FG017092.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 14:22
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 06 01:22:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.141	5849773	56.213 ug/ml
Target Compounds			
1) N-OCTANE	2.079	6904068	55.467 ug/ml
2) N-DECANE	4.615	7111862	59.618 ug/ml
3) N-DODECANE	6.798	7127397	59.670 ug/ml
4) N-TETRADECANE	8.638	7039262	60.825 ug/ml
5) N-HEXADECANE	10.256	6897619	60.280 ug/ml
6) N-OCTADECANE	11.709	6999257	58.357 ug/ml
7) N-EICOSANE	13.029	7082130	56.972 ug/ml
8) N-DOCOSANE	14.235	6788927	56.861 ug/ml
10) N-TETRACOSANE	15.346	6721015	57.205 ug/ml
11) N-HEXACOSANE	16.374	6444492	57.362 ug/ml
12) N-OCTACOSANE	17.331	6410726	56.814 ug/ml
13) N-TRIACONTANE	18.224	6403171	57.209 ug/ml
14) N-DOTRIACONTANE	19.061	6217564	57.514 ug/ml
15) N-TETRATRIACONTANE	19.850	5778447	57.640 ug/ml
16) N-HEXATRIACONTANE	20.595	5111362	58.603 ug/ml
17) N-OCTATRIACONTANE	21.369	4616316	60.538 ug/ml
18) N-TETRACONTANE	22.348	4210022	67.291 ug/ml

(f)=RT Delta > 1/2 Window

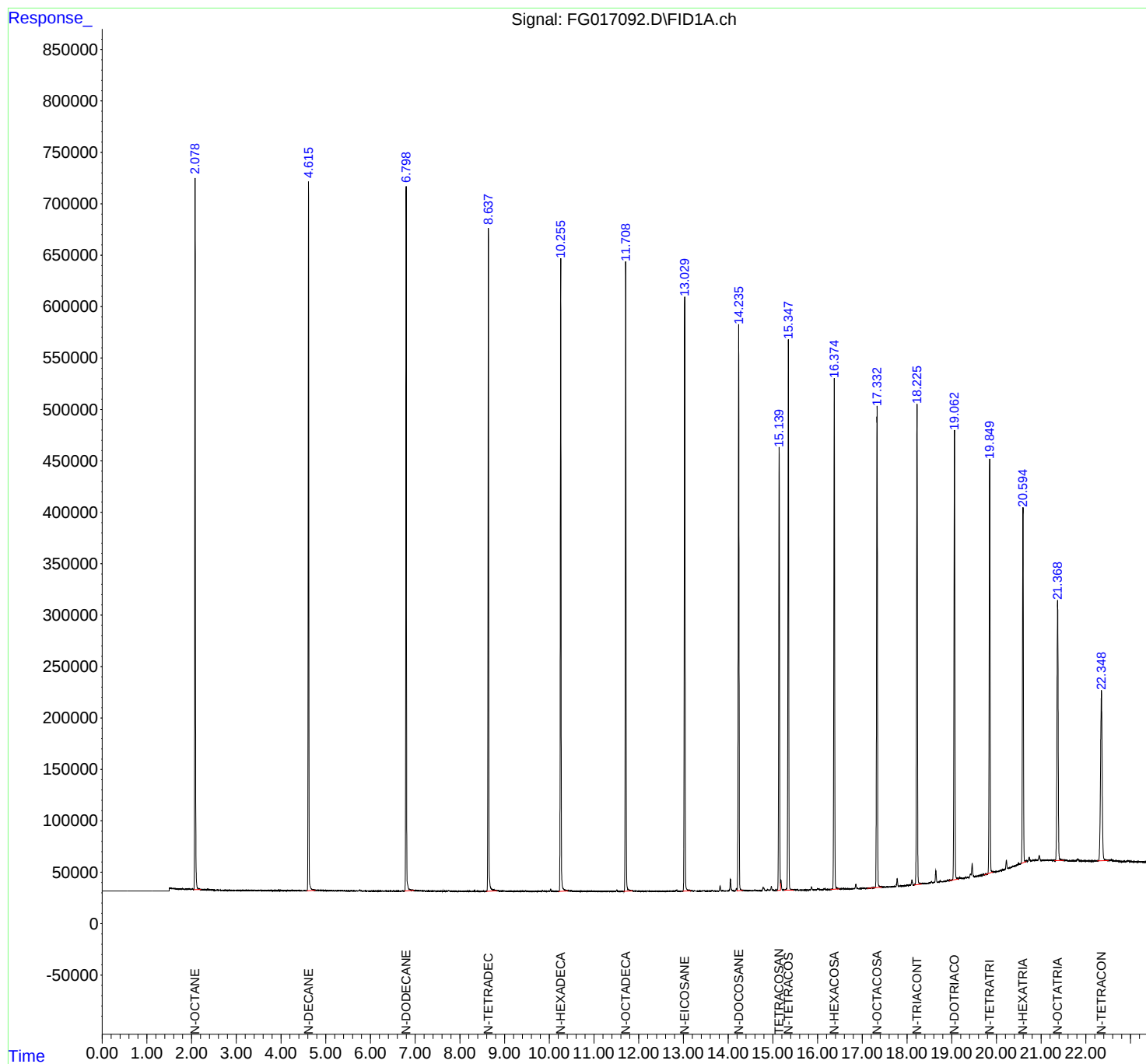
(m)=manual int.

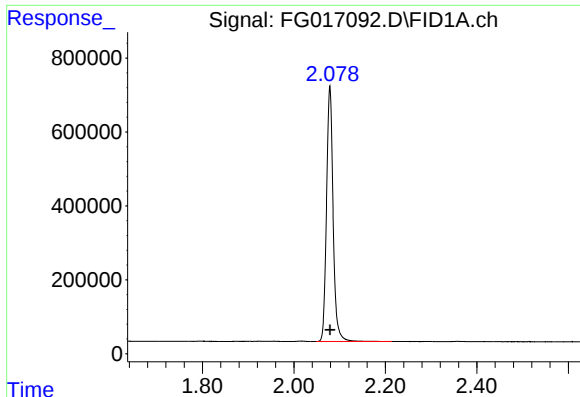
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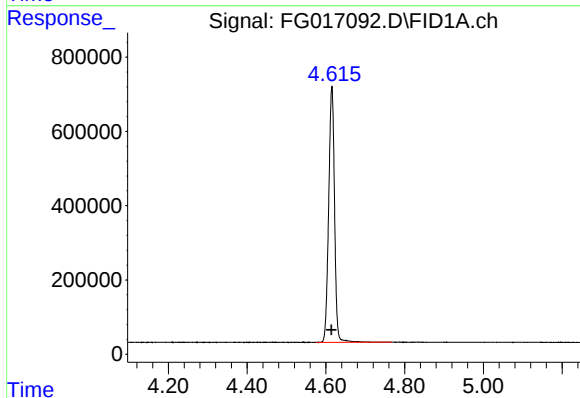




#1 N-OCTANE

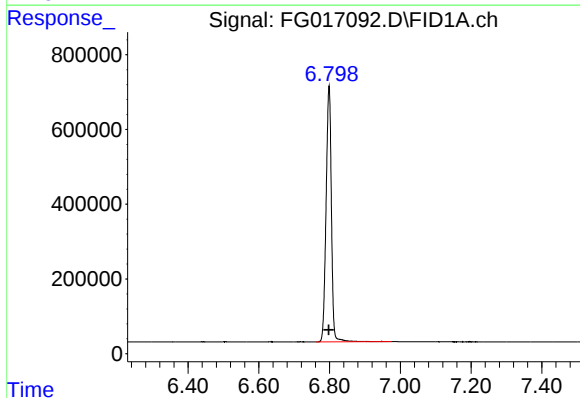
R.T.: 2.079 min
Delta R.T.: 0.000 min
Response: 6904068
Conc: 55.47 ug/ml

Instrument :
FID_E
ClientSampleId :



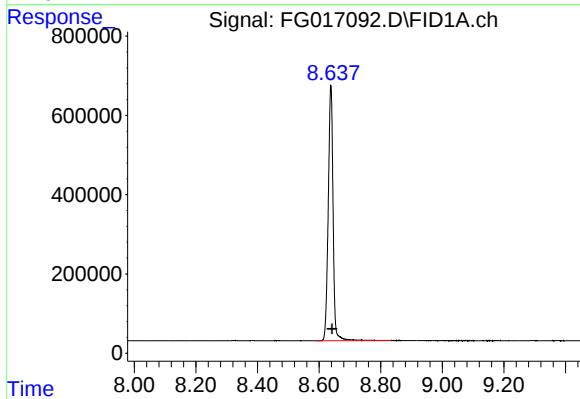
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 7111862
Conc: 59.62 ug/ml



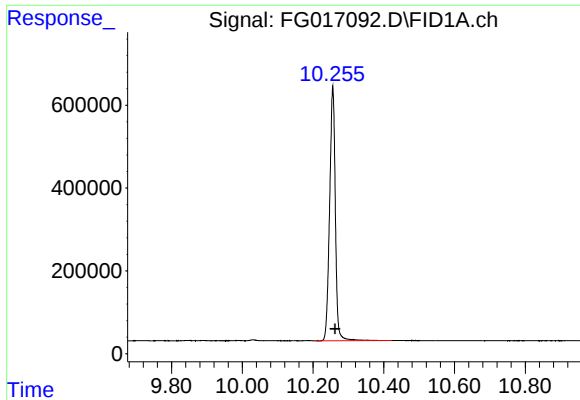
#3 N-DODECANE

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 7127397
Conc: 59.67 ug/ml



#4 N-TETRADECANE

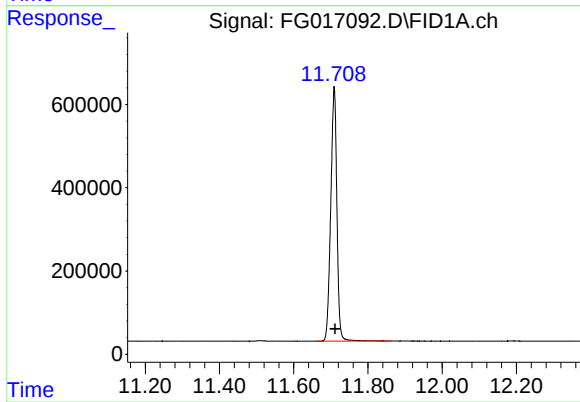
R.T.: 8.638 min
Delta R.T.: -0.004 min
Response: 7039262
Conc: 60.82 ug/ml



#5 N-HEXADECANE

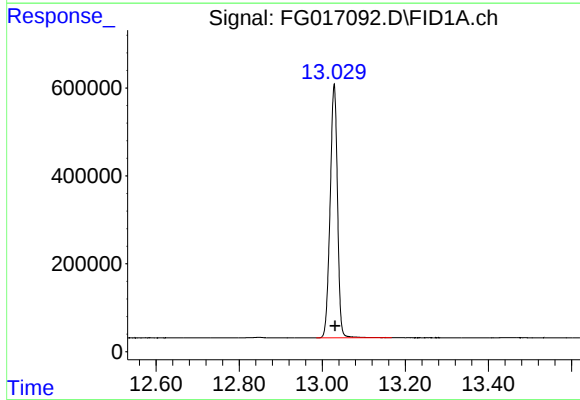
R.T.: 10.256 min
Delta R.T.: -0.007 min
Response: 6897619
Conc: 60.28 ug/ml

Instrument :
FID_E
ClientSampleId :



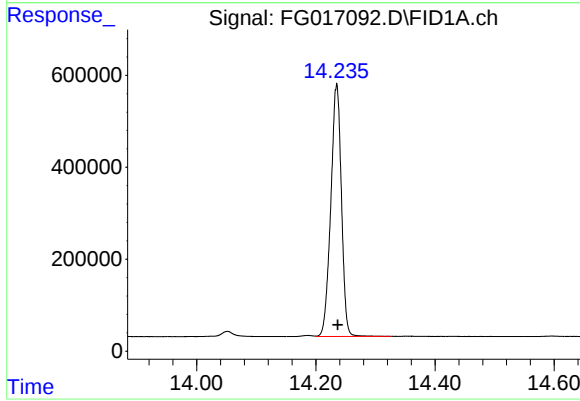
#6 N-OCTADECANE

R.T.: 11.709 min
Delta R.T.: -0.003 min
Response: 6999257
Conc: 58.36 ug/ml



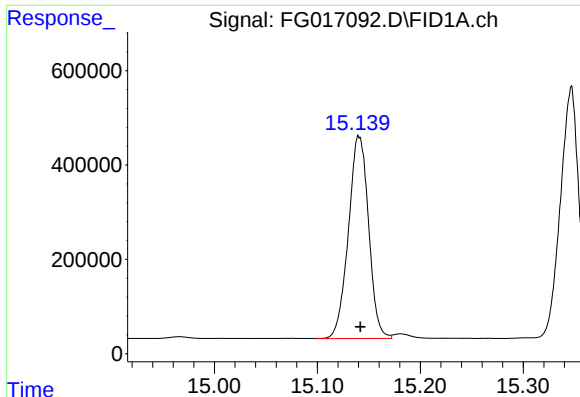
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.002 min
Response: 7082130
Conc: 56.97 ug/ml



#8 N-DOCOSANE

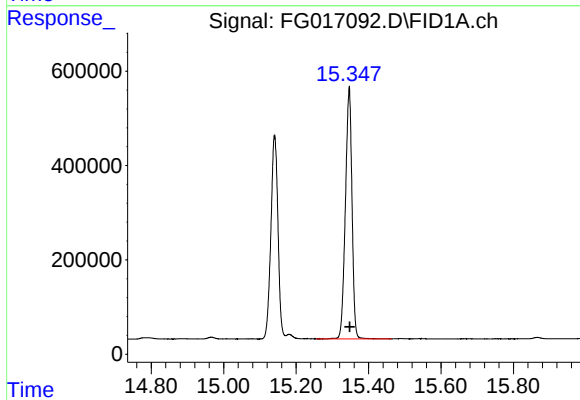
R.T.: 14.235 min
Delta R.T.: -0.002 min
Response: 6788927
Conc: 56.86 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

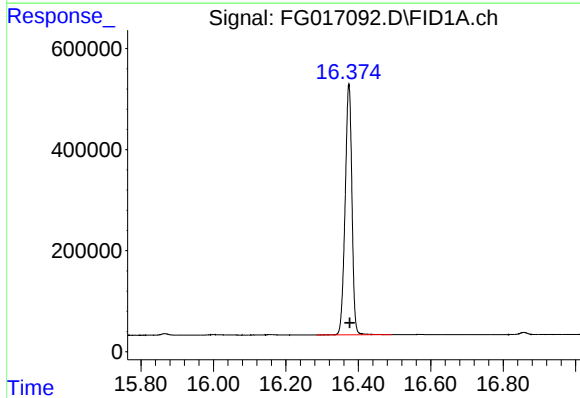
R.T.: 15.141 min
Delta R.T.: -0.001 min
Response: 5849773
Conc: 56.21 ug/ml

Instrument :
FID_E
ClientSampleId :



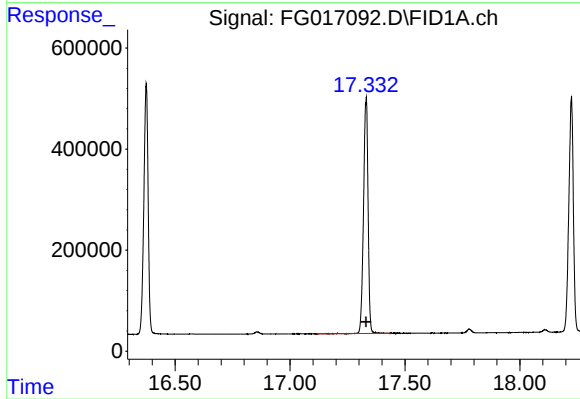
#10 N-TETRACOSANE

R.T.: 15.346 min
Delta R.T.: -0.002 min
Response: 6721015
Conc: 57.21 ug/ml



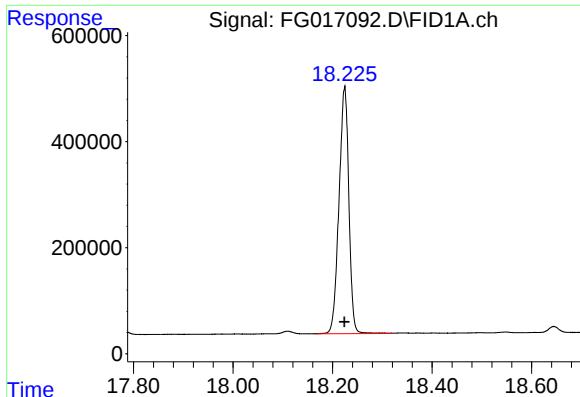
#11 N-HEXACOSANE

R.T.: 16.374 min
Delta R.T.: -0.003 min
Response: 6444492
Conc: 57.36 ug/ml



#12 N-OCTACOSANE

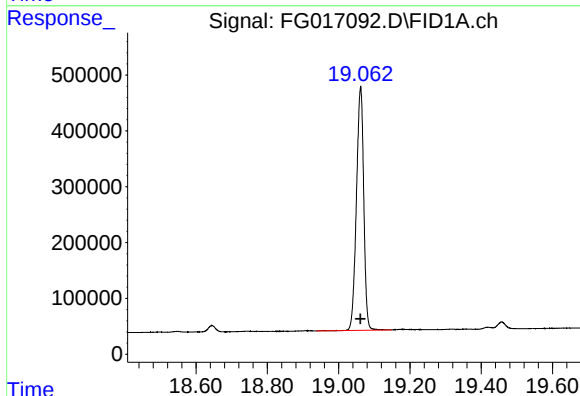
R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 6410726
Conc: 56.81 ug/ml



#13 N-TRIACONTANE

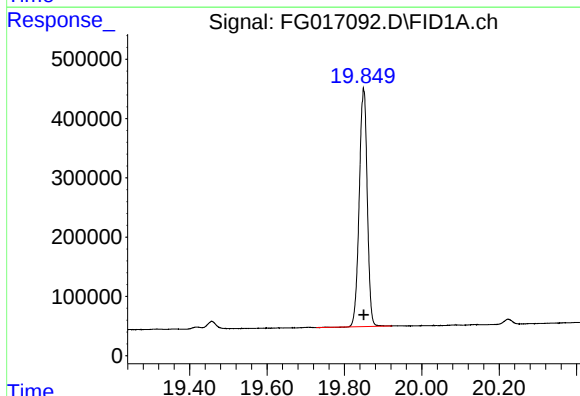
R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 6403171
Conc: 57.21 ug/ml

Instrument :
FID_E
ClientSampleId :



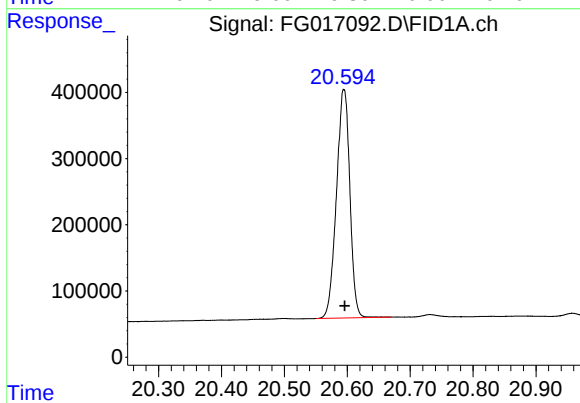
#14 N-DOTRIACONTANE

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 6217564
Conc: 57.51 ug/ml



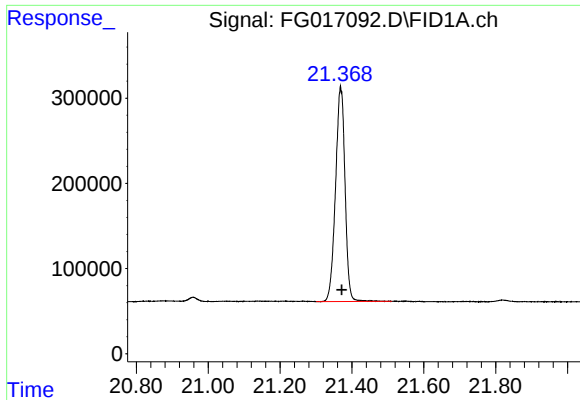
#15 N-TETRATRIACONTANE

R.T.: 19.850 min
Delta R.T.: 0.000 min
Response: 5778447
Conc: 57.64 ug/ml



#16 N-HEXATRIACONTANE

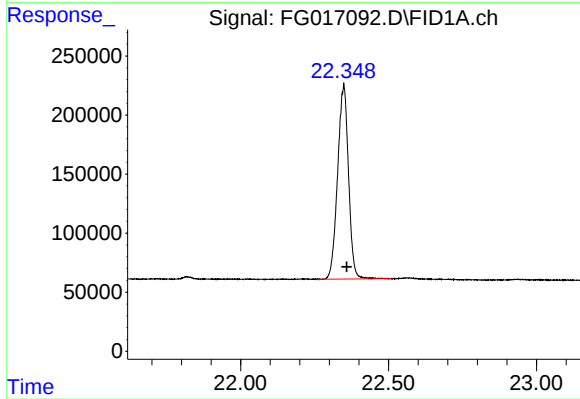
R.T.: 20.595 min
Delta R.T.: 0.000 min
Response: 5111362
Conc: 58.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.369 min
Delta R.T.: -0.004 min
Response: 4616316
Conc: 60.54 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.348 min
Delta R.T.: -0.010 min
Response: 4210022
Conc: 67.29 ug/ml